

Arizona State University

Academic Catalog Archive

2020-2021



This document provides an archival record of the academic programs offered during the 2020-2021 academic year. It is a printable option of the online catalog for accreditation organizations, agencies and university offices for data collection, evaluation purposes and referencing. The information and links presented in this archive may no longer be accurate. For current catalog information, refer to the online version of the academic catalog.

Corrections or additions to the Academic Catalog Archive 2020-2021 program information and major maps, as of August 2020, may be provided in a future addendum. For inquiries or questions, please contact academic.catalog@asu.edu.

About this Document

To navigate this version of the Academic Catalog 2020-2021, refer to the table of contents and the bookmarks provided. The table of contents provides a hyperlinked listing of resources in the order in which they appear in this document. Keyword searches may be employed as an additional means of locating resources within this document.

This document contains program descriptions and requirements for graduate degrees and certificates, undergraduate degrees, minors and undergraduate certificates. Major maps, included for undergraduate degrees, outline each degree's requirements and a recommended sequence of courses. Additionally, Arizona State University has established special transfer partnership documents with Arizona community colleges to facilitate the transition to ASU. Maricopa to ASU Pathways Program (MAPP) for established undergraduate degrees can be found at the end of this document.

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Our Approach: ASU Mission and Goals

ASU charter

ASU is a comprehensive **public research university**, measured not by whom it excludes, but by **whom it includes** and how they **succeed**; advancing **research and discovery** of public value; and assuming **fundamental responsibility** for the economic, social, cultural and overall health of the **communities** it serves.

ASU Charter Video [1] on Youtube

Mission and goals

Demonstrate leadership in academic excellence and accessibility

Maintain the fundamental principle of accessibility to all students qualified to study at a research university.

Maintain university accessibility to match Arizona's socioeconomic diversity, with undifferentiated outcomes for success.

Improve freshmen persistence to **greater than 90 percent**.

Enhance university graduation rate to **greater than 85 percent** and more than 32,000 graduates.

Enhance quality while reducing the cost of a degree.

Enroll **100,000** online and distance-education degree-seeking students.

Enhance measured student development and individual student learning to national leadership levels.

Engage all learners on all levels.

Establish ASU as a leading global center for interdisciplinary research, discovery and development by 2025

Become the leading American center for discovery and scholarship in the integrated social sciences, and comprehensive arts and sciences.

Enhance research competitiveness to more than **\$815 million** in annual research expenditures.

Transform regional economic competitiveness through research and discovery, and value-added programs.

Become a leading American center for innovation and entrepreneurship at all levels.

Enhance our local impact and social embeddedness

Strengthen Arizona's interactive network of teaching, learning and discovery resources to reflect the scope of ASU's comprehensive knowledge enterprise.

Co-develop solutions to the critical social, technical, cultural and environmental issues facing 21st-century Arizona, ensuring sustainability and resilience.

Meet the needs of 21st-century learners through the universal learner initiative by increasing individual success through personalized learning pathways, and promoting adaptability to all accelerated social-technical changes.

Establish national standing in academic quality and impact of colleges and schools in every field

Attain national standing in academic quality for each college and school (top 5 percent).

Attain national standing in the learning value added to our graduates in each college and school.

Become the leading university academically (faculty, discovery, research, creativity) in at least one department or school within each college and school.

A New American University

Arizona State University exemplifies a new prototype for the American public research university.

More than a decade ago, ASU set forth a new and ambitious trajectory to become a comprehensive knowledge enterprise dedicated to the simultaneous pursuit of excellence, broad access to quality education, and meaningful societal impact. From that point forward, and founded on a vision for a new "gold standard", all of its energy, creativity and manpower have been brought to bear on the design of a uniquely adaptive and transdisciplinary university committed to producing master learners.

Learn more [2]

Eight design aspirations guide the ongoing evolution of ASU as a New American University. These institutional objectives are integrated in innovative ways throughout the university to achieve excellence, access and impact.

Leverage Our Place

ASU embraces its culture, socioeconomic and physical setting.

Enable Student Success

ASU is committed to the success of each unique student.

Transform Society

ASU catalyzes social change by being connected to social needs.

Fuse Intellectual Disciplines

ASU creates knowledge by transcending academic disciplines

Value Entrepreneurship

ASU uses its knowledge and encourages innovation.

Be Socially Embedded

ASU connects with communities through mutually beneficial partnerships.

Conduct Use-Inspired Research

ASU research has purpose and impact.

Engage Globally

ASU engages with people and issues locally, nationally and internationally.

Download ASU charter

- English (PDF) [3]
- Spanish (PDF) [4]
- Arabic (PDF) [5]

Source URL: <https://president.asu.edu/asu-mission-goals#asu-charter>

Links:

[1] <https://www.youtube.com/watch?v=hclnufSM0F0&feature=youtu.be>

[2] <https://newamericanuniversity.asu.edu/>

[3] https://president.asu.edu/sites/default/files/asu_charter_jan_2019_web_0.pdf

[4] https://president.asu.edu/sites/default/files/asu_charter_jan_2019_spanish.pdf

[5] https://president.asu.edu/sites/default/files/asu_charter_jan_2019_arabic.pdf

Diversity

Inclusion at ASU

Arizona State University is deeply committed to positioning itself as one of the great new universities by seeking to build excellence, enhance access and have an impact on our community, state, nation and the world. To do that requires our faculty and staff to reflect the intellectual, ethnic and cultural diversity of our nation and world so that our students learn from the broadest perspectives, and we engage in the advancement of knowledge with the most inclusive understanding possible of the issues we are addressing through our scholarly activities.

We recognize that race and gender historically have been markers of diversity in institutions of higher education. However, at ASU, we believe that diversity includes additional categories such as socioeconomic background, religion, sexual orientation, gender identity, age, disability, veteran status, nationality and intellectual perspective.

Source URL: <https://inclusion.asu.edu/>

Diversity Philosophy

Arizona State University is deeply committed to positioning itself as one of the great new universities by seeking to build excellence, enhance access and have an impact on our community, state, nation and the world.

To do that requires our faculty and staff to reflect the intellectual, ethnic and cultural diversity of our nation and world so that our students learn from the broadest perspectives, and we engage in the advancement of knowledge with the most inclusive understanding possible of the issues we are addressing through our scholarly activities.

As one part of this commitment, we have developed a strategic plan for diversity at ASU. Developed in consultation with a wide variety of constituencies within the university and the deans, this plan, called “Building blocks for success through people, programming and policies,” contains a statement that serves as an ongoing touchstone of our commitment, and several specific initiatives that will change and evolve over time, depending on the challenges and opportunities we have before us.

Diversity is defined in terms of representation and inclusion. Representation reflects the extent to which our students, staff, faculty and administrators proportionately reflect the regional and national populations served by our public institution. Inclusion encompasses empowerment and voice among all members of the university community in the areas of scholarship, teaching, learning and governance.

We recognize that race and gender historically have been markers of diversity in institutions of higher education; we further believe that diversity includes additional categories such as socioeconomic background, religion, sexual orientation, gender identity, age, disability, veteran status, nationality and intellectual perspective.

Source URL: <https://inclusion.asu.edu/diversity>

Diversity Initiatives at ASU

Graduate College Diversity Resources [1] includes scholarships, career development, mentoring and other support for graduate students and undergraduates on the path to graduate school.

Southwest Borderlands Initiative [2] (SWBI) strengthens existing Arizona State University scholarly and instructional resources on the Southwest with emphasis on the region along the United States-Mexico border and enhances institutional recruitment and retention efforts toward building a faculty fully reflective of the Southwest Borderlands' diversity.

Center for the Study of Race and Democracy [3] (CSRД) is a leading interdisciplinary, problem-solving venture committed to socially embedded scholarship, increasing awareness and informed dialogue involving the topics of race and democracy.

Source URL: <https://inclusion.asu.edu/diversity/initiatives>

Links:

[1] <https://graduate.asu.edu/diversity>

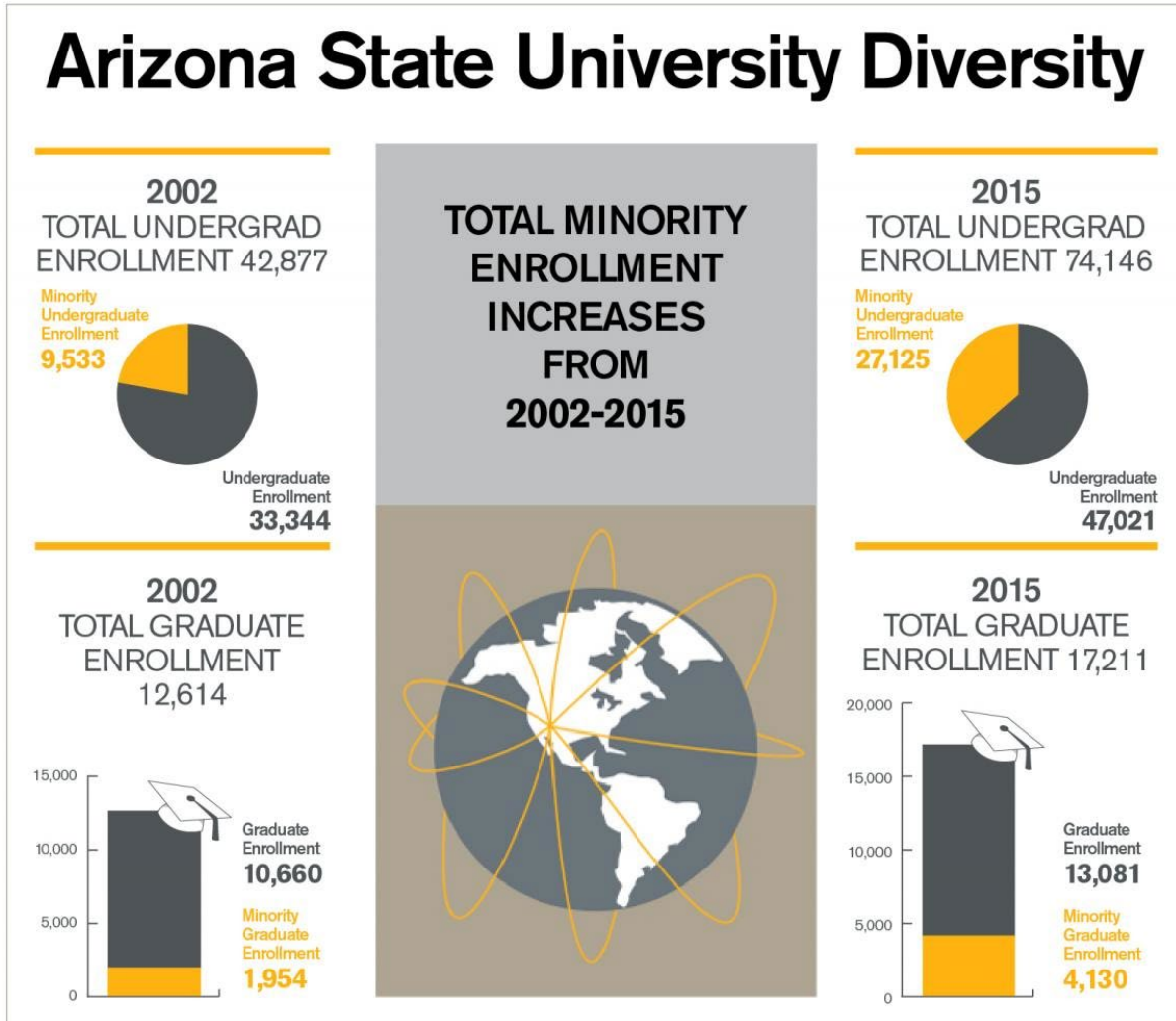
[2] <https://provost.asu.edu/initiatives/southwest-borderlands>

[3] <https://csrd.asu.edu/>

Facts About ASU

Arizona State University is first in the nation in innovation, but it is also a diverse community of scholars, faculty and students striving to represent the needs and hopes of our public communities.

ASU Facts [1] | Faculty Excellence [2] | Rankings and Honors [3]



Source URL: <https://inclusion.asu.edu/about/facts>

Links:

- [1] <https://facts.asu.edu/Pages/Default.aspx>
- [2] <https://provost.asu.edu/awards/>
- [3] <https://about.asu.edu/rankings>

Academic Accreditation

Welcome to the University Program Review and Accreditation (UPRA) Office

Our office, which is housed within the Office of the Provost, is ultimately responsible for ensuring the quality education we provide here at Arizona State University. We do this through a few branches of work which are outlined below. Please visit our individual pages to get a more detailed overview of each section.

All Arizona State University academic programs are fully accredited by the Higher Learning Commission. Verify status here [1].

Liaison to the Higher Learning Commission (HLC)

The UPRA Office monitors institutional compliance with HLC policies and assumed practices and coordinates the institutional reviews for continuing accreditation by the HLC. UPRA also facilitates HLC approval of program and/or institutional changes when required. Currently, our big project is preparing for our ten-year HLC comprehensive reaccreditation visit in 2022-23.

Specialized accreditation oversight

The UPRA Office works closely with academic units and programs that seek new accreditation or seek re-accreditation [2] from external governing bodies. These accreditations ensure our programs adhere to industry and national standards. Our oversight includes coordinating meetings between site visitors and university administrators, reviewing self-studies and briefing papers, collecting site visitor reports and responses to the report, as well as acting as the repository for all accreditation documents.

Academic program review oversight

The Arizona Board of Regents (2-208) requires academic program reviews [3] at least once every seven years. Periodic program reviews provide a mechanism for faculty to evaluate the effectiveness, progress, and status of their academic programs on a continuous basis. The UPRA Office is responsible for oversight of program reviews. Our office coordinates the academic program review process, which covers all program inventory of an academic unit including undergraduate and graduate programs as well as other curricular and co-curricular offerings. The reviews include a review of faculty contributions to the unit, facilities and resources, attention to missions, and many other aspects of the unit to ensure continuous quality improvement.

Centers and institutes oversight

Arizona State University is home to various centers and institutes [4] that blend the passions of exceptional teachers and scholars across disciplines. Our centers and institutes address large, complex problems and challenges facing society in hopes of finding solutions and making the world a better place. University Program Review and Accreditation Office provides review oversight for these centers and institutes.

Source URL: <https://provost.asu.edu/upra>

Links:

[1] <https://www.hlcommission.org/General/mark-of-affiliation-verification.html?104108099+118097108105100097116105111110+108111103111046112110103+10411611611211505804704711211411111811115116046097115117046101100117047117112114097&UGxEQk3X8u80qdqfdWHqzSO3iuZ02NztfTyRVeb35Ok%3d>

[2] <https://provost.asu.edu/node/2435>

[3] <https://provost.asu.edu/academic-program-review>

[4] <https://www.asu.edu/about/centers-and-institutes>

Academic Program Review

Purpose and guiding principles

The Arizona Board of Regents (2-208) requires Academic Program Reviews at least once every seven years. Periodic program reviews provide a mechanism for faculty to evaluate the effectiveness, progress and status of their academic programs on a continuous basis. At Arizona State University, the Executive Director for the University Program Review and Accreditation (UPRA) Office also serves as the Accreditation Liaison Officer (ALO) for ASU with the Higher Learning Commission. The UPRA Office in the Office of the University Provost coordinates the Academic Program Review process, which covers all program inventory of an academic unit including undergraduate and graduate programs as well as other curricular offerings housed within the unit under review.

The program review process is intended to provide a comprehensive assessment of the current status of an academic unit based on its programs, activities and achievements since its last program review while also providing the unit the opportunity to think strategically regarding its curricular offerings and its future direction. In doing so, the unit provides comparisons with its peers, identifies strengths and weaknesses in its curricula and pedagogy; assesses student quality and learning outcomes; provides an account of faculty contributions in teaching, research/creative activities, and service; assesses resource availability and needs; and summarizes special features or services provided by the unit. Finally, and perhaps most importantly, the program review should allow the unit, in conjunction with the university, to plan to build on existing strengths, maximize opportunities for growth and innovatively problem solve.

The APR process allows the unit to evaluate thoroughly and candidly:

- The mission and goals of the program and its relation to those of the university.
- Its future direction and strategic initiatives.
- The reputation of the program among peers in the discipline.
- The educational objectives, curriculum, and student learning outcomes of undergraduate and graduate programs.
- The quality of teaching and retention and graduation rates for undergraduate and graduate students.
- The quality and diversity of faculty and staff (including retention rates for underrepresented faculty) and their contributions to program mission and goals.
- Resources (e.g., laboratories, physical facilities)
- Readiness for accreditation, if appropriate.

The guiding principles for the APR process include:

- The process should be broadly participatory involving faculty, students, staff administrators, and relevant community constituents.
- The APR should provide a framework for excellence; an opportunity to explore, enhance, and integrate student learning and faculty teaching, service and scholarly efforts into the unit's mission and goals.
- The process should facilitate short-term and long-term strategic planning in areas such as curricula development, resource allocation (e.g., financial, physical), faculty/staff hiring/workload and research foci.
- The APR provides the opportunity for the university to account for its use of public resources and facilitate relationships with its various constituencies.

Those directly responsible for the APR process should familiarize themselves with all parts of the manual [1] along with the related checklists and appendices [2].

Source URL: <https://provost.asu.edu/upra/academic-program-review>

Links:

[1] <https://provost.asu.edu/upra/academic-program-review/manual>

[2] <https://provost.asu.edu/upra/academic-program-review/appendices>

Programs with Special Accreditation

Arizona State University programs with specialized accreditation are listed by college or school.

College of Health Solutions

Accredited programs**Accrediting agencies**

BS, Nutrition (didactic program in dietetics)

Internship, dietetic combined with Nutritional Science (MS)

Internship, dietetic for ENS PhD graduates

Internship, non-degree dietetic

Accreditation Council for Education in Nutrition and Dietetics (ACEND)

AuD, Audiology

MS, Communication Disorders

Council on Academic Accreditation

BAS, Applied Science

National Accrediting Agency for Clinical Laboratory Sciences

College of Integrative Sciences and Arts

Accredited programs**Accrediting agencies**

PhD, Counseling Psychology

American Psychological Association (APA)

Edson College of Nursing and Health Innovation

Accredited programs

Accrediting agencies

BSN, Nursing

Arizona State Board of Nursing/Commission of Collegiate Nursing Education (CCNE)

DNP, Advanced Nursing Practice

MS, Nursing

BAS, Applied Science

National Accrediting Agency for Clinical Laboratory Sciences (NAACLS)

MS, Clinical Research Management

Commission on Accreditation of Allied Health Education Programs

Herberger Institute for Design and the Arts

School of Music

Accredited programs

Accrediting agencies

BA, Music

National Association of Schools of Music (NASM)

BMUS, Music Education

BMUS, Music Therapy

BMUS, Performance

BMUS, Theory & Composition

DMA, Music

MA, Music

MM, Composition

MM, Music Education

MM, Music Therapy

MM, Performance

PhD, Music

The Design School

Accredited programs

BSLA, Landscape Architecture

MLA, Landscape Architecture

MArch, Architecture

BSD, Graphic Design

BSD, Industrial Design

MID, Industrial Design

MVCD, Visual Communication Design

BSD, Interior Design

MIA, Interior Architecture

Accrediting agencies

Landscape Architectural Accreditation Board (LAAB)

National Architectural Accrediting Board (NAAB)

National Association of Schools of Art and Design (NASAD)

Council for Interior Design Accreditation

Ira A. Fulton Schools of Engineering

Accredited programs

BS, Graphic Information Technology

BS, Construction Management & Technology

BS, Aeronautical Management Technology

BS, Air Traffic Management

Accrediting agencies

Accrediting Council for Collegiate Graphic Communications, Inc. (ACCGC)

American Council for Construction Education (ACCE)

Aviation Accreditation Board International (AABI)

BS, Computer Science
 BS, Information Technology
 BS, Manufacturing Engineering
 BS, Software Engineering
 BSE, Aerospace Engineering
 BSE, Biomedical Engineering
 BSE, Construction Engineering
 BSE, Chemical Engineering
 BSE, Civil Engineering
 BSE, Computer Systems Engineering
 BSE, Electrical Engineering
 BSE, Engineering
 BSE, Engineering Management
 BSE, Industrial Engineering
 BSE, Materials Science & Engineering
 BSE, Mechanical Engineering

Engineering Accreditation Commission of ABET

Sandra Day O'Connor College of Law

Accredited programs

Accrediting agencies

JD, Law

American Bar Association (ABA)

The College of Liberal Arts and Sciences

Department of Psychology

Accredited programs

Accrediting agencies

PhD, Psychology (clinical training)

American Psychological Association (APA) and
 Psychological Clinical Science Accreditation System
 (PCSAS)

School of Geographical Sciences and Urban Planning

| Accredited programs | Accrediting agencies |
|--------------------------------------|------------------------------------|
| MUEP, Urban & Environmental Planning | Planning Accreditation Board (PAB) |

School of Mathematical and Statistical Sciences

| Accredited programs | Accrediting agencies |
|-----------------------|----------------------|
| BS, Actuarial Science | Society of Actuaries |

School of Molecular Sciences

| Accredited programs | Accrediting agencies |
|---------------------|---------------------------|
| BS, Chemistry | American Chemical Society |

Thunderbird School of Global Management

| Accredited programs | Accrediting agencies |
|---------------------------------------|--|
| BGM, Global Management | American Association of Colleges and Schools of Business (AACSB) International |
| BS, International Trade | |
| MA, Global Affairs & Management | |
| MA, Global Affairs & Management | |
| MALM, Applied Leadership & Management | |
| MGM, Global Management | |

Walter Cronkite School of Journalism and Mass Communication

| Accredited programs | Accrediting agencies |
|-------------------------------------|---|
| BA, Journalism & Mass Communication | Accrediting Council on Education in Journalism and Mass Communications (ACEJMC) |
| BA, Sports Journalism | |
| MA, Sports Journalism | |
| MCC, Mass Communication | |

Watts College of Public Service and Community Solutions

School of Community Resources and Development

| Accredited programs | Accrediting agencies |
|---|---|
| BS, Parks & Recreation Management BS, Recreation Therapy | Council on Accreditation for, Parks, Recreation, Tourism and Related Professions (COAPRT) |
| BS, Nonprofit Leadership & Management | Nonprofit Academic Centers Council (NACC) |

School of Public Affairs

| Accredited programs | Accrediting agencies |
|----------------------------|---|
| MPA, Public Administration | Network of Schools of Public Policy, Affairs, and Administration (NASPAA) |

School of Social Work

| Accredited programs | Accrediting agencies |
|--------------------------------------|---|
| BSW, Social Work MSW, Social Work | Council of Social Work Education (CSWE) Commission on Accreditation (COA) |

W. P. Carey School of Business

| Accredited programs | Accrediting agencies |
|--|---|
| BA, Business BS, Accountancy BS, Business Administration BS, Business Data Analytics BS, Business Entrepreneurship BS, Computer Information Systems BS, Economics BS, Finance BS, Food Industry Management BS, Management | Association to Advance Collegiate Schools of Business (AACSB International) |

BS, Marketing
BS, Supply Chain Management
DBA, Global Financial Management
MACC, Accountancy
MBA, Business Administration
MHSM, Health Sector Management
MRED, Real Estate Development
MS, Business Analytics
MS, Economics
MS, Finance
MS, Global Logistics
MS, Information Systems Management
MS, Management
MS, Supply Chain Management
MS, Supply Chain Management & Engineering
MSP, Business Administration
MTAX, Taxation
PhD, Business Administration
PhD, Economics

Source URL: <https://provost.asu.edu/accreditation/programs-specialized-accreditation>

Academic Organizations 2020-2021

Academic Organizations 2020-2021

***Effective July 1, 2020**

Organized under the multiple campuses of ASU are colleges, schools, departments, and other administrative units whose faculty offer courses.

Barrett, The Honors College

Business, W. P. Carey School of

Accountancy, School of

Agribusiness, Morrison School of

Economics, Department of

Finance, Department of

Information Systems, Department of

Management and Entrepreneurship, Department of

Marketing, Department of

Supply Chain Management, Department of

Design and the Arts, Herberger Institute for

Art, School of

Arts, Media and Engineering, School of

Design School, The

Music, Dance and Theatre, School of

The New American Film School

Engineering, Ira A. Fulton Schools of

Biological and Health Systems Engineering, School of

Computing, Informatics and Decision Systems
Engineering, School of

Electrical, Computer and Energy Engineering, School of

Engineering of Matter, Transport and Energy, School for

Polytechnic School, The

Sustainable Engineering and the Built Environment,
School of

Global Futures, College of

Complex and Adaptive Systems, School of

Future of Innovation in Society, School for the

Sustainability, School of

Global Management, Thunderbird School of

Graduate College

Health Solutions, College of

Integrative Sciences and Arts, College of

Interdisciplinary Arts and Sciences, New College of

Humanities, Arts and Cultural Studies, School of

Mathematical and Natural Sciences, School of

Social and Behavioral Sciences, School of

Journalism and Mass Communication, Walter Cronkite School of

Law, Sandra Day O'Connor College of

Liberal Arts and Sciences, The College of

Aerospace Studies, Department of

American Indian Studies Program

Civic and Economic Thought and Leadership, School of

Earth and Space Exploration, School of

English, Department of

Geographical Sciences and Urban Planning, School of

Historical, Philosophical and Religious Studies, School
of

Human Communication, Hugh Downs School of

Human Evolution and Social Change, School of

International Letters and Cultures, School of

Life Sciences, School of

Mathematical and Statistical Sciences, School of

Military Science, Department of

Molecular Sciences, School of
Naval Science, Department of
Physics, Department of
Politics and Global Studies, School of
Psychology, Department of
Social and Family Dynamics, T. Denny Sanford School
of
Social Transformation, School of
Transborder Studies, School of
**Nursing and Health Innovation, Edson College
of**

**Public Service and Community Solutions, Watts
College of**

Community Resources and Development, School of
Criminology and Criminal Justice, School of
Public Affairs, School of
Social Work, School of

Teachers College, Mary Lou Fulton

Educational Leadership and Innovation, Division of
Teacher Preparation, Division of

University College

Locations of Record

For the 2020-2021 academic year, Arizona State University offered degree-granting programs at the following locations.

Downtown Phoenix Campus

411 N Central Ave
Phoenix, AZ 85004

Polytechnic Campus

7001 E Williams Field Rd
Mesa, AZ 85212

Tempe Campus

1151 S Forest Ave
Tempe, AZ 85287

West Campus

4701 W Thunderbird Rd
Glendale, AZ 85306

ASU@Cochise

901 Colombo Ave
Sierra Vista, AZ 85635

ASU@Lake Havasu

100 University Way
Lake Havasu, AZ 86403

ASU@Mexico City

Mexico City, Mexico

ASU@Pima

2202 W Anklam Rd
Tucson, AZ 85709

ASU@Pinal

540 N Camino Mercado
Casa Grande, AZ 85122

ASU@The Gila Valley

615 N Stadium Ave
Thatcher, AZ 85552

ASU@Tucson

340 N Commerce Park Loop, Ste 250
Tucson, AZ 85745

ASU@Washington, D.C.

1800 I St NW
Washington, D.C. 20006

ASU@Yavapai

6955 Panther Path
Prescott Valley, AZ 86314

ASU@Yuma

2020 S Ave 8 E
Yuma, AZ 85365

ASU Online

An online campus

Academic Calendar

ASU regularly offers classes in the fall, spring and summer terms with the following components:

Fall/Spring Session A:

first 7.5-week session

Fall/Spring Session B:

second 7.5-week session

Fall/Spring Session C:

full semester (15 weeks plus final exams)

Summer Session A:


first 6-week session

Summer Session B:

second 6-week session

Summer Session C:

8-week session

If a class is scheduled in a session other than Session A, B or C, the drop/add/withdrawal deadlines are prorated based on the length of the class. Check the calendar icon  next to each class on your schedule in My ASU [19] for the prorated deadline dates.

Fall 2020

Session A: Thursday 8/20/2020 – Friday 10/9/2020

Session B: Monday 10/12/2020– Friday 12/4/2020

Session C: Thursday 8/20/2020 – Friday 12/4/2020 (Final exams 12/7/2020 – 12/12/2020)

| | | | |
|--|-------------------------------------|--------------------------------------|-------------------------------------|
| Schedule of Classes Available [1] | February 17, 2020 | | |
| Registration and Tuition Guide Available [11] | February 17, 2020 | | |
| Registration Dates Begin [2] | February 20, 2020 | | |
| \$50.00 Late Registration Fee Begins [12] (does not apply to ASU Online students) | Session A TBD | Session B TBD | Session C TBD |
| Tuition Fee Payment Deadline – For registration through 8/18/2020. For more information see Tuition and Deadlines [3] | August 25, 2020 | | |
| Classes Begin | Session A August 20, 2020 | Session B October 12, 2020 | Session C August 20, 2020 |

| | | | |
|---|---|---|--|
| Academic Status Reports [4] – Faculty have the opportunity to provide weekly feedback during each session. Students can view ASRs in MyASU within 24 hours after each weekly reporting period closes on Sunday. | Session A August 20 - October 4, 2020 | Session B October 12 - November 29, 2020 | Session C August 20 - November 29, 2020 |
| Extended Hours (Registration Sites Only) | TBD | | |
| Last Day to Register or Drop/Add Without College Approval [5] | Session A August 21, 2020 | Session B October 13, 2020 | Session C August 26, 2020 |
| Residency Classification Petition Deadline [6] | August 26, 2020 | | |
| Automatic ASU Payment Plan Enrollment - Students who registered through August 18 and who have unpaid tuition and other eligible payment plan charges will be automatically enrolled in the ASU Payment Plan [13]. | August 27, 2020 | | |
| Labor Day Observed Classes excused/University closed | September 7, 2020 | | |
| Tuition & Fees 100% Refund Deadline - For more information see Tuition and Refund Policy. [7] Note: If you choose to drop a class [8] or withdraw from ASU [9] after this deadline, you may receive a bill for the financial aid used to cover those classes. | Session A August 26, 2020 | Session B October 20, 2020 | Session C September 2, 2020 |
| University 21st Day | Session A September 9, 2020 | Session B November 2, 2020 | Session C September 9, 2020 |
| Tuition Fee Payment Deadline – For registration from 8/19/2020 to 9/18/2020. For more information see Tuition and Deadlines [3] | September 25, 2020 | | |
| Deadline to Apply for Graduation [14] | October 1, 2020 | | |
| University 45th Day | October 3, 2020 | | |
| Tuition Fee Payment Deadline – For registration from 9/19/2020 to 10/25/2020. For more information see Tuition and Deadlines [3] | October 25, 2020 | | |
| Course Withdrawal Deadline [5] | Session A September 9, 2020 | Session B November 1, 2020 | Session C November 4, 2020 |

| | | | |
|--|----------------------------------|------------------------------------|------------------------------------|
| Veterans Day Observed Classes excused/University closed | November 11, 2020 | | |
| Thanksgiving Holiday Observed Classes excused/University closed | November 26 - 27, 2020 | | |
| Complete Session Withdrawal Deadline [10] As part of a complete session withdrawal a student must withdraw from all classes in a session. Beginning the first day of classes, undergraduate students are required to contact their college/school to facilitate the withdrawal process. For more information click here. [15] | Session A October 9, 2020 | Session B December 4, 2020 | Session C December 4, 2020 |
| Classes End/ Last Day to Process Transactions | Session A October 9, 2020 | Session B December 4, 2020 | Session C December 4, 2020 |
| Study Days | Session A N/A | Session B N/A | Session C December 5 - 6, 2020 |
| Final Exams [16] | Session A Last day of classes | Session B Last day of classes | Session C December 7 - 12, 2020 |
| Final Grades Due | Session A October 10, 2020 | Session B December 7 - 14, 2020 | Session C December 7 - 14, 2020 |
| Commencement [17] - (Graduate and Undergraduate) | December 14, 2020 | | |
| Degree Conferral Date | December 14, 2020 | | |
| Grade Replacement/Academic Standing Processing | December 15 - 16, 2020 | | |
| Holiday Break Classes excused/University closed | December 24-25, 2020 | | |

Spring 2021

Session A: Monday, 1/11/2021 – Tuesday, 3/2/2021

Session B: Monday, 3/15/2021 – Friday, 4/30/2021 (ASU Online and iCourses may end on Tuesday, 5/4/2021)

Session C: Monday, 1/11/2021 – Friday, 4/30/2021 (Final Exams 5/3/2021 – 5/8/2021)

| | | | |
|---|---|---|---|
| Schedule of Classes Available [1] | September 22, 2020 | | |
| Registration and Tuition Guide Available [11] | September 22, 2020 | | |
| Registration Dates Begin [2] | ASU Online students: September 29, 2020 In-Person students: October 19, 2020 | | |
| \$50.00 Late Registration Fee Begins [12] (does not apply to ASU Online students) | Session A January 3, 2021 | Session B March 7, 2021 | Session C January 3, 2021 |
| Classes Begin | Session A January 11, 2021 | Session B March 15, 2021 | Session C January 11, 2021 |
| Tuition Fee Payment Deadline - for registration from 9/28/2020 through 1/18/2021. For more information see Tuition and Deadlines [3] | January 25, 2021 | | |
| Automatic ASU Payment Plan Enrollment - Students who registered through January 18 and who have unpaid tuition and other eligible payment plan charges will be automatically enrolled in the ASU Payment Plan. [13] | TBD | | |
| Academic Status Reports [4] – Faculty have the opportunity to provide weekly feedback during each session. Students can view ASRs in MyASU within 24 hours after each weekly reporting period closes on Sundays | Session A January 11 - February 21, 2021 | Session B March 15 – April 25, 2021 | Session C January 11 – April 25, 2021 |
| Last Day to Register or Drop/Add Without College Approval [5] | Session A January 12, 2021 | Session B March 16, 2021 | Session C January 17, 2021 |
| Residency Classification Petition Deadline [6] | January 15, 2021 | | |
| Tuition & Fees 100% Refund Deadline - For more information see Tuition and Refund Policy. [7] Note: If you choose to drop a class [8] or withdraw from ASU [9] after this deadline, you may receive a bill for the financial aid used to cover those classes. | Session A January 17, 2021 | Session B March 21, 2021 | Session C January 24, 2021 |

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|--|----------------------------------|----------------------------------|-------------------------------|
| Martin Luther King Jr. Holiday Observed Classes excused/University closed | January 18, 2021 | | |
| University 21st Day | Session A February 1, 2021 | Session B April 5, 2021 | Session C February 1, 2021 |
| Deadline to Apply for Graduation | February 15, 2021 | | |
| University 45th Day | February 24, 2021 | | |
| Tuition Fee Payment Deadline – For registration from 1/19/2021 to 2/18/2021. For more information see Tuition and Deadlines [3] | February 25, 2021 | | |
| Spring Break Classes excused/University open | March 7 - 14, 2021 | | |
| Tuition Fee Payment Deadline – For registration from 2/19/2021 to 3/18/2021. For more information see Tuition and Deadlines [3] | March 25, 2021 | | |
| Course Withdrawal Deadline [5] | Session A January 29, 2021 | Session B April 2, 2021 | Session C April 4, 2021 |
| Complete Session Withdrawal Deadline [10] As part of a complete session withdrawal a student must withdraw from all classes in a session. Beginning the first day of classes, undergraduate students are required to contact their college/school to facilitate the withdrawal process. For more information click here. [15] | Session A March 2, 2021 | Session B April 30, 2021 | Session C April 30, 2021 |
| Classes End/ Last Day to Process Transactions (Session B ASU Online & iCourses may end Tuesday, 5/4/2021) | Session A March 2, 2021 | Session B April 30, 2021 | Session C April 30, 2021 |
| Study Days | Session A N/A | Session B N/A | May 1-2, 2021 |
| Final Exams [18] | Session A Last day of classes | Session B Last day of classes | Session C May 3-8, 2021 |
| Final Grades Due | Session A March 5, 2021 | Session B May 3-10, 2021 | Session C May 3-10, 2021 |

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|--|-----------------|
| Commencement [17] - (Graduate and Undergraduate) | May 10, 2021 |
| Degree Conferral Date | May 10, 2021 |
| Grade Replacement/Academic Standing Processing | May 11-12, 2021 |

Summer 2021

Session A: Monday, 5/17/2021 – Friday, 6/25/2021

Session B: Wednesday, 6/30/2021 – Tuesday, 8/10/2021

Session C: Monday, 5/17/2021 – Friday, 7/9/2021

| | | | |
|---|---|--|---|
| Schedule of Classes Available [1] | TBD | | |
| Registration Begins [2] | TBD | | |
| Tuition Fee Payment Deadline - for registration through 5/18/2021. For more information see Tuition and Deadlines [3] | May 25, 2021 | | |
| \$50.00 Late Registration Fee Begins [12] (does not apply to ASU Online students) | Session A TBD | Session B TBD | Session C TBD |
| Classes Begin | Session A May 17, 2021 | Session B June 30, 2021 | Session C May 17, 2021 |
| Academic Status Reports [4] – Faculty have the opportunity to provide weekly feedback during each session. Students can view ASRs in MyASU within 24 hours after each weekly reporting period closes on Sundays | Session A TBD | Session B TBD | Session C TBD |
| Last Day to Register or Drop/Add Without College Approval [5] | Session A May 18, 2021 | Session B July 1, 2021 | Session C May 18, 2021 |
| Residency Classification Petition Deadline [6] | May 18, 2021 | | |
| Tuition & Fees 100% Refund Deadline - For more information see Tuition and Refund Policy. [7] Note: If you choose to drop a class [8] or withdraw from ASU [9] after this deadline, you may receive a bill for the financial aid used to cover those classes. | Session A TBD | Session B TBD | Session C TBD |
| Memorial Day Observed Classes excused/University closed | May 31, 2021 | | |

| | | | |
|--|----------------------------|------------------------------|----------------------------|
| Course Withdrawal Deadline [5] | Session A June 6, 2021 | Session B July 20, 2021 | Session C June 6, 2021 |
| Deadline to Apply for Graduation | June 15, 2021 | | |
| Tuition Fee Payment Deadline - for registration from 5/19/2021 to 6/18/2021. For more information see Tuition and Deadlines [3] | June 25, 2021 | | |
| Independence Day Observed Classes excused/University closed | July 5, 2021 | | |
| Tuition Fee Payment Deadline - for registration from 6/19/2021 to 7/18/2021. For more information see Tuition and Deadlines [3] | July 25, 2021 | | |
| Complete Session Withdrawal Deadline [10] | Session A June 25, 2021 | Session B August 10, 2021 | Session C July 9, 2021 |
| Classes End/ Last Day to Process Transactions | Session A June 25, 2021 | Session B August 10, 2021 | Session C July 9, 2021 |
| Final Grades Due | Session A June 27, 2021 | Session B August 12, 2021 | Session C July 11, 2021 |
| Degree Conferral Date | August 10, 2021 | | |
| Grade Replacement/Academic Standing Processing | August 13, 2021 | | |

Source URL: <https://students.asu.edu/academic-calendar>

Links:

- [1] <https://webapp4.asu.edu/catalog/>
- [2] <https://students.asu.edu/registration>
- [3] <https://students.asu.edu/tuitiondeadlines>
- [4] <http://asu.force.com/kb/articles/FAQ/What-is-an-Academic-Status-Report>
- [5] <https://students.asu.edu/drop-add>
- [6] <https://students.asu.edu/residency>
- [7] <http://students.asu.edu/tuitionrefundpolicy>
- [8] <http://students.asu.edu/policies/census>
- [9] <http://students.asu.edu/policies/fa-withdrawal>
- [10] <https://students.asu.edu/drop-add#comp%20wd>
- [11] <https://students.asu.edu/registration-tuitionpayment-guide>
- [12] <https://students.asu.edu/tuitiondescriptions>
- [13] <https://students.asu.edu/payment-plan>
- [14] <https://students.asu.edu/graduation>
- [15] <http://students.asu.edu/forms/withdrawal>
- [16] <https://students.asu.edu/final-exam-schedule#Fall%202019>
- [17] <http://graduation.asu.edu/>

[18] <https://students.asu.edu/final-exam-schedule#Spring>

[19] <https://my.asu.edu>

Residency

Residency for Tuition Purposes

In Arizona, tuition at publicly supported universities is lower for residents than non-residents. Residency classification is determined for all students in accordance with guidelines provided by the Arizona Board of Regents' (ABOR) [1], which reflect current Arizona revised statutes [2]. Refer to Non-Resident Tuition Rate for Arizona High School Graduates [3] for additional information.

Residency Navigator

We've designed this tool to help you determine which residency classification category may apply to you. Using the residency navigator will not have any influence on the outcome of your residency petition. It is not intended to predict whether your petition will be approved or denied.

[Archivist's Note: In-page Residency Navigator tool unable to be captured.]

Residency Petition

You may fit into multiple categories. Determine which is the most appropriate for your situation.

Independent Student

Eligibility

You're considered an independent student if:

- you've lived continuously in Arizona for at least 12 months
- can demonstrate intent to be an Arizona resident (which includes financial independence) and
- can show you're not primarily in Arizona to be a student.

Read more about the specific requirements [4].

Petition and Required Docs

Independent student petition:

1. Review the requirements [4] for the petition that works best for you.
2. Initiate your petition by completing the online questionnaire [5] prior to the deadline [6].
3. Complete your petition by submitting all requested documentation [7].

Deadlines

Don't miss your deadlines [6]:

- Petition deadline – this is the last day to complete the online questionnaire.
- Document deadline – this is the last day you can submit your supporting documentation.
- Priority deadline – complete your questionnaire and submit all your docs by this date if you want your petition reviewed before classes start.

Dependent Student

Eligibility

This 12 month exception applies to a dependent student if:

- you and your parent (or legal guardian) have established domicile in Arizona
- your parent is entitled to claim you as a dependent child for state and federal tax purposes

Read more about the specific requirements [4].

Petition and Required Docs

Dependent student petition:

1. Review the requirements [4] for the petition that works best for you.
2. Initiate your petition by completing the online questionnaire [5] prior to the deadline [6].
3. Complete your petition by submitting all requested documentation [8].

Deadlines

Don't miss your deadlines [6]:

- Petition deadline – this is the last day to complete the online questionnaire.
- Document deadline – this is the last day you can submit your supporting documentation.
- Priority deadline – complete your questionnaire and submit all your docs by this date if you want your petition reviewed before classes start.

Spouse

Eligibility

You're considered a spouse if you are legally married. You would also need to show that:

- your spouse is financially independent
- your spouse has lived in Arizona for 12 consecutive months
- your spouse is eligible to claim you as an exemption for tax purposes
- you are domiciled in Arizona

Read more about the specific requirements [4].

Petition and Required Docs

Spouse petition:

1. Review the requirements [4] for the petition that works best for you.
2. Initiate your petition by completing the online questionnaire [5] prior to the deadline [6].
3. Complete your petition by submitting all requested documentation [9].

Deadlines

Don't miss your deadlines [6]:

- Petition deadline – this is the last day to complete the online questionnaire.
- Document deadline – this is the last day you can submit your supporting documentation.
- Priority deadline – complete your questionnaire and submit all your docs by this date if you want your petition reviewed before classes start.

Transferred Employee

Eligibility

This 12-month exception applies to individuals (and spouses) who:

- were transferred to Arizona for employment purposes within the last 12 months

- can document that their employer paid their relocation expenses
- are not self-employed or employed in a family-owned business not previously operating in Arizona

Read more about the specific requirements [4].

Petition and Required Docs

Transferred employee petition:

1. Review the requirements [4] for the petition that works best for you.
2. Initiate your petition by completing the online questionnaire [5] prior to the deadline [6].
3. Complete your petition by submitting all requested documentation [10].

Deadlines

Don't miss your deadlines [6]:

- Petition deadline – this is the last day to complete the online questionnaire.
- Document deadline – this is the last day you can submit your supporting documentation.
- Priority deadline – complete your questionnaire and submit all your docs by this date if you want your petition reviewed before classes start.

Military

Eligibility

U.S. military members (and their spouses or dependents) qualify for residency if:

- the U.S. military member is currently stationed in Arizona
- the U.S. military member's state of legal residence is Arizona (and has been for at least 12 months)

Dependents of U.S. military members can also qualify for residency if:

- the student has demonstrated objective evidence of intent to be an Arizona resident and is using transferred Post-9/11 G.I. Bill (Chapter 33) benefits during a time in which the member of the U.S. uniformed services is serving on active duty (90 days or more)

Read more about the specific requirements [4].

Petition and Required Docs

Military petition:

1. Review the requirements [4] for the petition that works best for you.
2. Initiate your petition by completing the online questionnaire [5] prior to the deadline [6].
3. Complete your petition by submitting all requested documentation [11].

Deadlines

Don't miss your deadlines [6]:

- Petition deadline – this is the last day to complete the online questionnaire.
- Document deadline – this is the last day you can submit your supporting documentation.
- Priority deadline – complete your questionnaire and submit all your docs by this date if you want your petition reviewed before classes start.

Veteran

Eligibility

Veterans qualify for residency if:

- the veteran was discharged with a character of service of "honorable" and provides proof of intent to be an Arizona resident

- the veteran enrolled at a university under the Arizona Board of Regents within three years of their last active duty service of 90 days or more, is eligible for Chapter 30 or 33 benefits, and provides proof of intent to be an Arizona resident

Dependents of veterans qualify if:

- the dependent is enrolled at a university under the Arizona Board of Regents within three years of the veteran's last active duty service of 90 days or more, is eligible for Chapter 33 benefits, and provides proof of intent to be an Arizona resident
- the dependent is receiving benefits certified under the Marine Gunnery Sergeant John David Fry Scholarship and provides proof of intent to be an Arizona resident

Read more about the specific requirements [4].

Petition and Required Docs

Veterans petition:

1. Review the requirements [4] for the petition that works best for you.
2. Initiate your petition by completing the online questionnaire [5] prior to the deadline [6].
3. Complete your petition by submitting all requested documentation [12].

Deadlines

Don't miss your deadlines [6]:

- Petition deadline – this is the last day to complete the online questionnaire.
- Document deadline – this is the last day you can submit your supporting documentation.
- Priority deadline – complete your questionnaire and submit all your docs by this date if you want your petition reviewed before classes start.

Native American

Eligibility

You qualify for this exception if you are an enrolled member of an Indian tribe whose reservation land lies wholly or partially in Arizona.

Read more about the specific requirements [4].

Petition and Required Docs

Native American petition:

1. Review the residency requirements [4] and required documentation [13].
2. Submit your online petition [5] prior to the deadline [6].
3. Submit your required documentation [13].

Deadlines

Don't miss your deadlines [6]:

- Petition deadline – this is the last day to complete the online questionnaire.
- Document deadline – this is the last day you can submit your supporting documentation.
- Priority deadline – complete your questionnaire and submit all your docs by this date if you want your petition reviewed before classes start.

Teacher

Eligibility

The teacher waiver allows you to pay resident tuition on courses required for teacher certification in Arizona if you are currently employed as a full-time teacher or classroom aide in an Arizona public school district, an approved Arizona charter school or an approved Arizona private school.

Teacher waivers are effective only for the semester for which they are submitted. A new teacher waiver petition must be submitted for subsequent semesters.

Read more about the specific requirements [4].

Petition and Required Docs

Teacher petition:

1. Review the residency requirements [4] and required documentation [14].
2. Submit your online petition [5] prior to the deadline [6].
3. Submit your required documentation [15].

Deadlines

Don't miss your deadlines [6]:

- Petition deadline – this is the last day to complete the online questionnaire.
- Document deadline – this is the last day you can submit your supporting documentation.
- Priority deadline – complete your questionnaire and submit all your docs by this date if you want your petition reviewed before classes start.

AmeriCorps/VISTA

Eligibility

This exception applies to students that have served one year in Arizona in either an AmeriCorps or Volunteers in Service to America (VISTA) program.

Read more about the specific requirements [4].

Petition and Required Docs

AmeriCorps/VISTA petition:

1. Review the residency requirements [4] and required documentation [16].
2. Submit your online petition [5] prior to the deadline [6].
3. Submit your required documentation [17].

Deadlines

Don't miss your deadlines [6]:

- Petition deadline – this is the last day to complete the online questionnaire.
- Document deadline – this is the last day you can submit your supporting documentation.
- Priority deadline – complete your questionnaire and submit all your docs by this date if you want your petition reviewed before classes start.

Requesting Residency Reclassification

Once you know which petition is best for you, this is what you need to do.

1. Review the requirements
2. Complete the questionnaire
3. Submit your documents

Common Residency Questions

Still have unanswered questions? Take a look through our frequently asked questions below to see if your question is listed there. If not, we're happy to help [18].

I INDICATED THAT I WAS AN ARIZONA RESIDENT ON MY ADMISSIONS APPLICATION, YET I AM CLASSIFIED AS A NON-RESIDENT AND WAS CHARGED THE NON-RESIDENT APPLICATION FEE? HOW CAN I FIX THIS? [19]

Your residency classification is determined by a review of all of the information provided on your admissions application in accordance with guidelines provided by the Arizona Board of Regents. Your status as a non-resident is a result of one or more factors used to determine this classification. Please review the Residency Classification [20] web page and contact a residency specialist if you have any questions.

I AM CURRENTLY ATTENDING A COMMUNITY COLLEGE IN ARIZONA AS A RESIDENT; DOES THAT MAKE ME A RESIDENT AT ASU? [21]

Not necessarily. Residency for tuition purposes for the three state universities is determined according to guidelines established by the Arizona Board of Regents (ABOR). The community colleges are not governed by ABOR and your classification as a resident at the community college may or may not be in compliance with current ABOR policies.

I AM A CONTINUING STUDENT; WILL MY RESIDENCY AUTOMATICALLY CHANGE AFTER ONE YEAR? [22]

No. Your status will remain non-resident and any student wanting to be re-classified must initiate the process by contacting the residency office and submitting a petition by the appropriate deadline. Simply being a student at ASU for one year is not sufficient for residency purposes per ABOR policy, which reads, "No individual has established residency for tuition purposes in Arizona while attending any education institution in Arizona as a full-time student in the absence of objective evidence to the contrary."

I WAS BORN AND RAISED IN ARIZONA THEN LEFT FOR A SHORT PERIOD OF TIME BEFORE RETURNING, CAN I STILL BE CLASSIFIED AS AN ARIZONA RESIDENT FOR TUITION PURPOSES? [23]

Leaving Arizona will not result in a loss of Arizona residency unless your absence is accompanied by actions that indicate intent to establish a new domicile elsewhere. Former residents of Arizona who established domicile elsewhere would be classified as non-residents upon return and would not be eligible for residency until current ABOR policies are met. Residency classification is re-visited after any break in enrollment or absence from the university.

MY PARENT IS AN ASU ALUMNUS; DOES IT HAVE ANY EFFECT ON MY RESIDENCY CLASSIFICATION? [24]

No. Your residency classification is evaluated against current ABOR policy and your parent's status as an alumnus is not a consideration.

More FAQ [25]

Source URL: <https://students.asu.edu/residency>

Links:

- [1] <http://www.azregents.edu/board-committees/policy-manual>
- [2] <https://www.azleg.gov/arstitle/>
- [3] <https://students.asu.edu/non-resident-tuition-rate-arizona-high-school-graduates>
- [4] <https://students.asu.edu/residency-requirements>

- [5] <https://go.oasis.asu.edu/residencypetition/>
- [6] <https://students.asu.edu/residency-deadlines>
- [7] https://students.asu.edu/sites/default/files/in_dc_apr_2020_0.pdf
- [8] https://students.asu.edu/sites/default/files/de_dc_apr_2020_0.pdf
- [9] https://students.asu.edu/sites/default/files/sp_dc_apr_2020.pdf
- [10] https://students.asu.edu/sites/default/files/tr_dc_apr_2020.pdf
- [11] https://students.asu.edu/sites/default/files/mi_dc_apr_2020.pdf
- [12] https://students.asu.edu/sites/default/files/vt_dc_apr_2020.pdf
- [13] https://students.asu.edu/sites/default/files/na_dc_may_2020_0.pdf
- [14] https://students.asu.edu/files/teacherwaiver_documentation_checklist_april_2020.pdf
- [15] https://students.asu.edu/sites/default/files/tw_dc_apr_2020.pdf
- [16] https://students.asu.edu/files/americorps_documentation_checklist_april_2020.pdf
- [17] https://students.asu.edu/sites/default/files/am_dc_apr_2020.pdf
- [18] <https://students.asu.edu/residency-contact>
- [19] <https://students.asu.edu/residency#freshman-requirements>
- [20] <https://students.asu.edu/residency>
- [21] <https://students.asu.edu/residency#attending-community>
- [22] <https://students.asu.edu/residency#automatic-residency>
- [23] <https://students.asu.edu/residency#arizona-born>
- [24] <https://students.asu.edu/residency#application-deadlinef16>
- [25] <https://students.asu.edu/faq/156>

Residency Requirements

Student/Petition Types

Any student who has been classified as a non-resident may apply for reclassification. Review the specific requirements for the petition that best applies to your situation. Then read the residency guidelines below.

Independent Student

You're considered an independent student if:

- you've lived continuously in Arizona for at least 12 months
- can demonstrate intent to be an Arizona resident (which includes financial independence) and
- can show you're not primarily in Arizona to be a student.

All of the evidence is weighed under the presumption that a nonresident student's presence in Arizona is primarily for the purpose of education and not to establish domicile, and that decisions of an individual as to the intent to establish domicile are generally made after the completion of an education and not before.

- Evidence indicating intent must exist at the beginning of and be maintained throughout the 12 month period of continuous presence needed to establish residency classification. Acts or events occurring less than 12 months before the last day of registration may be considered as evidence of the lack of such intent.
- A statement of intent by the student should be weighed in light of the fact that the student knows that he or she will realize a substantial reduction in tuition by being classified as a resident for tuition purposes.
- Each item presented for determination shall be subject to the classification officer's or review committee's decision as to the weight to be given to it, and such officer or committee shall be the sole judge of the authenticity or truthfulness of any material or statements submitted as supportive evidence. The classification officer may require original or certified copies of documentation.
- If a minor applies for classification as a resident and alleges that he or she is an emancipated individual, that individual must also establish that:
 - He or she is not living with a parent; and

- There has been a complete severance of the parental relationship to all legal rights and liabilities, including but not limited to care, custody, control, and service.

Unless the contrary appears to the satisfaction of the classification officer or review committee making a classification determination, it shall be presumed that:

- No individual has established residency for tuition purposes in Arizona while attending any education institution in Arizona as a full-time student in the absence of objective evidence to the contrary.
- If an individual is absent from Arizona for more than 30 days they must provide objective evidence that they retained their Arizona domicile.

Dependent Student

This 12 month exception applies to a dependent student if:

- you and your parent (or legal guardian) have established domicile in Arizona
- your parent is entitled to claim you as a dependent child for state and federal tax purposes

Spouse

You're considered a spouse if you are legally married. You would also need to show that:

- your spouse is financially independent
- your spouse has lived in Arizona for 12 consecutive months
- your spouse is eligible to claim you as an exemption for tax purposes
- you are domiciled in Arizona

Transferred Employee

This 12-month exception applies to individuals (and spouses) who:

- were transferred to Arizona for employment purposes within the last 12 months
- can document that their employer paid their relocation expenses
- are not self-employed or employed in a family-owned business not previously operating in Arizona

Military

U.S. military members (and their spouses or dependents) qualify for residency if:

- the U.S. military member is currently stationed in Arizona, OR
- the U.S. military member's state of legal residence is Arizona (and has been for at least 12 months)

Dependents of U.S. military members can also qualify for residency if:

- the student has demonstrated objective evidence of intent to be an Arizona resident and is using transferred Post-9/11 G.I. Bill (Chapter 33) benefits during a time in which the member of the U.S. uniformed services is serving on active duty (90 days or more)

Veteran

Veterans qualify for residency if:

- the veteran was discharged with a character of service of "honorable" and provides proof of intent to be an Arizona resident
- the veteran enrolled at a university under the Arizona Board of Regents within three years of their last active duty service of 90 days or more, is eligible for Chapter 30 or 33 benefits, and provides proof of intent to be an Arizona resident
- Dependents of veterans qualify if:
- the dependent is enrolled at a university under the Arizona Board of Regents within three years of the veteran's last active duty service of 90 days or more, is eligible for Chapter 33 benefits, and provides proof of intent to be an Arizona resident

- the dependent is receiving benefits certified under the Marine Gunnery Sergeant John David Fry Scholarship and provides proof of intent to be an Arizona resident

Native American

You qualify for this exception if you are an enrolled member of an Indian tribe whose reservation land lies wholly or partially in Arizona. Eligible tribes:

- Ak Chin Indian Community of Maricopa
- Cocopah Tribe of Arizona
- Colorado River Indian Tribes of the Colorado River Indian Reservation—includes Chemehuevi, Hopi, Mohave and Navajo
- Fort McDowell Yavapai Nation
- Fort Mojave Indian Tribe
- Gila River Indian Community
- Havasupai Tribe
- Hopi Tribe
- Hualapai Indian Tribe
- Kaibab Band of Paiute Indians
- Navajo Nation
- Pascua Yaqui Tribe
- Pueblo of Zuni
- Quechan Tribe
- Salt River Pima-Maricopa Indian Community
- San Carlos Apache Tribe
- San Juan Southern Paiute Tribe
- Tohono O’odham Nation
- Tonto Apache Tribe
- White Mountain Apache Tribe
- Yavapai-Apache Nation
- Yavapai-Prescott Tribe

Americorp/Vista

This exception applies to students that have served one year in Arizona in either an AmeriCorps or Volunteers in Service to America (VISTA) program.

You will need to provide a letter on letterhead from the sponsoring organization that confirms your dates of participation.

Teacher

The teacher waiver requires you to be domiciled in Arizona and under contract to either teach on a full-time basis or work as a full-time classroom aide in an Arizona public school district, an approved Arizona charter school or an approved Arizona private school. Approved students will be classified as non-residents but will pay resident tuition on courses required for teacher certification in Arizona.

Teacher waivers are based on enrollment and are effective only for the semester in which they are submitted. A new teacher waiver petition must be submitted for subsequent semesters.

Residency Guidelines

Your residency classification is initially determined via the admissions application according to residency guidelines provided by the Arizona Board of Regents [1]. As a non-resident, you may request reclassification if you think you should be a resident for tuition purposes. If you choose to do so, you would be responsible for providing objective evidence for all factors necessary to provide a basis for this change.

The online residency petition [2] is only available to current, active, non-resident students. New or future students do not become current or active until they are admitted to the University and enrollment begins for the student's semester of admission (see the ASU Academic Calendar [3] for enrollment dates).

Requesting Residency Reclassification

Requesting reclassification, aka submitting a petition, requires you to:

1. Understand ABOR the requirements and ask questions when you need help.
2. Initiate your request by completing an online questionnaire [4] prior to the petition deadline [5].
3. Submit all required documentation [6] prior to the document deadline [5].

A successful petition requires all three – but two and three are the most important. Your request can't be reviewed until you have completed the questionnaire and submitted your supporting documents (there would be nothing for the residency office to review).

Documentation

Your required documentation will be as unique as you are. The documents requested are based on how you answer the questionnaire and there isn't a single list that applies to everyone.

Supporting your request with adequate and appropriate documentation is your responsibility. Petitions that are lacking sufficient documentation will be denied. If there is something you do not have or cannot provide, submit a written explanation instead. You will also be able to submit documents that were not asked for – it can be hard to know what will be helpful to students in every situation, but if there is something that you think will help your case then you should submit it.

Misrepresentation or falsification of any information may be costly. Students who have omitted, falsified, or misrepresented any information in effort to obtain resident status will be referred to Student Rights and Responsibilities [7] for disciplinary action, which may include dismissal from the university or forfeiting your right to request reclassification for current and future terms.

Petition Fee

There is a \$50, non-refundable fee required if you are requesting reclassification as an independent student, dependent student, spouse or transferred employee. Information about paying your petition fee will be included at the end of your online questionnaire. You will have two options: ask the residency office to bill your account or mail your payment to cashiering services. There are no fees associated with the following petition types: Military, Veteran, Native American, AmeriCorps/VISTA and Teacher Waiver. The Residency Classification Office cannot accept or process any fee payments.

Processing Time

Processing times vary and are largely dependent on when your petition was completed (including the online petition and all required supporting documentation). Decisions are generally made within 4-6 weeks, but may take significantly longer if your petition is completed after July 15 (for fall) and December 1 (for spring). If you need a decision prior to the first day of classes, you should submit everything (petition and all required documents) no later than the priority deadline [5].

Checking your Petition Status

The status of your petition can be view from residency petition dashboard [4].

The lifespan of a petition will vary from student to student, but more often than not will look like this:

- Petition initiated: You've completed the questionnaire and have been given a list of required documents
- Petition complete: You've submitted all required documents – the residency office is ready to review.
- In queue: You're in line to be reviewed. Complete your petition as early as possible to secure a good spot in line.
- Documents needed: Your petition is under review and the residency office has identified something they think will help your cause. You'll get an email with details, including instructions on how to submit new documents.
- Contact residency: Your petition is under review and the residency thinks it would be helpful to talk to you about something. Give them a call – they want to help.
- Pending: Your new documentation has been received and added to your file, but has not yet been evaluated by the person assigned to your petition.
- In review: Your decision is coming soon. Generally, this means you should expect to receive a decision in 7-10 days.
- Approved/Denied: You will receive notice of your decision via email. Be sure to read that decision carefully as it will have information about what to do if your petition was denied and what to expect if your petition was approved.

Your petition may skip steps or may bounce around as the residency office works to figure things out. Keep an eye on your email and review the residency petition dashboard [4] to track the progress of your petition.

Petition Outcome

Your petition and supporting documents will be evaluated by a Residency Classification Specialist. Decisions are based on the quality of your documentation and the extent to which you have met your burden of proof. There are no exceptions granted due to unusual circumstances or financial hardship. ABOR policy defines the circumstances under which a student can be classified as a resident for tuition purposes and the Residency Classification Office and university does not have the authority to make exceptions.

If your residency petition is denied and you believe this decision is erroneous, you can request an appeal [8]. The deadline to appeal your denial will be indicated on your denial notification. Your appeal should be requested as soon as possible; appeal requests made after the posted deadline will not be processed.

Tuition and Fees

Your tuition and fees are dependent on your residency classification. You are responsible for paying your tuition and fees; balances not paid in full by the published deadline [3] will be subject to late fees and a payment plan fee per university policy prior. Requesting reclassification does not waive this responsibility. Overpayments will be refunded to you if your petition is approved; late fees and payment plan fees (if applied) are non-refundable.

Financial Aid

Financial aid is calculated based partly on cost of attendance. Changes to your residency classification may cause your financial aid to be recalculated and adjusted accordingly. In some cases, your aid may be reduced or cancelled and you may be required to return funds that have already been disbursed to you. If you have questions, contact Financial Aid and Scholarship Services [9].

Citizenship and Lawful Immigration Status

State law requires all students who are classified as residents for tuition purposes to provide verification of citizenship, permanent residency, or other lawful immigration status. Students that cannot meet this requirement cannot be classified as residents for tuition purposes. Visit Citizenship/Status Verification [10] for more information. If required from you, you will see a priority task on your My ASU [11] page with additional instructions.

Visa Types and Residency for International Students

Per ABOR 4-102, non-U.S. citizens who are in Arizona on temporary, non-immigrant visas cannot be classified as residents for tuition purposes. If applicable, see Visa Types and Residency Eligibility [12] for a list of eligible visa types. If you have an eligible visa, you must also qualify for in-state status per current ABOR policies. If you change to a non-eligible visa type, your classification will be automatically changed to non-resident.

Additional Information

Arizona Board of Regents (ABOR) Policy Manual, Section B: Tuition Classification (4.201-208) [13]

Arizona Revised Statutes - Title 15 (A.R.S. 15-1801 to 1807) [14]

Verification of Citizenship or Lawful Presence [15]

Source URL: <https://students.asu.edu/residency-requirements>

Links:

- [1] <http://www.azregents.edu/board-committees/policy-manual>
- [2] <https://go.oasis.asu.edu/residencypetition/>
- [3] <https://students.asu.edu/academic-calendar>
- [4] <https://www.asu.edu/go/residencypetition>
- [5] <https://students.asu.edu/residency-deadlines>
- [6] <https://students.asu.edu/residency-forms>
- [7] <https://eoss.asu.edu/dos/srr>
- [8] <https://students.asu.edu/residency-appeal>
- [9] <https://students.asu.edu/financial-aid/contact>
- [10] <https://students.asu.edu/verification-citizenship>
- [11] <https://webapp4.asu.edu/myasu/student>
- [12] <https://students.asu.edu/forms/visa-types-and-residency-eligibility>
- [13] <https://www.azregents.edu/board-committees/policy-manual>
- [14] <http://www.azleg.gov/ArizonaRevisedStatutes.asp?Title=15>
- [15] <https://students.asu.edu/statusverification>

Residency Forms

Residency Petition

Use the residency navigator [1] to help determine which petition type is most applicable to your situation.

If you're still not sure, contact the residency office for help.

Petitions can be initiated from the residency petition dashboard [2]. This is where you will complete the questionnaire and submit your supporting documentation.

Due to COVID-19, you will not be able to submit any documentation or pay your petition fee in-person.

Submitting Documentation

The document checklists (below) will help you understand what you might be asked to submit, but you won't have a list of required documents until after you have completed the online questionnaire.

Your required documents will be uploaded via the Residency Petition Dashboard [2]. This method is secure and your documents are saved directly to PeopleSoft. The process is mostly intuitive, but here are some tips to consider:

- Each requested document should be uploaded as a separate file - one file for your license, one for voter registration, etc.
- Upload multiple files for individual items, if needed - 12 months of bank statements can be uploaded as 12 files.
- Add descriptions to documents to clarify what they are or why something is being provided.
- You can delete documents that were added by mistake; however, once you hit the "Submit Documents" button, your records are saved to your file and cannot be removed.
- If there is something you don't have or can't provide, write a quick explanation in a Word or Text document and upload that instead.
- You can upload some documents and then return at a later date to finish, but nothing is official until you click on the "Submit Documents" button.
- Acceptable file types are: .BMP, .CSV, .DOC, .DOCX, .JPEG, .JPG, .PDF, .PNG, .RTF, .TIF, .TIFF, .TXT, .XLS, .XLSX

If you get stuck or have an issue, try this: How to Upload Documents [3]. Or, let us know - we can help you through the process.

Petition Fees

If your petition type requires a fee, you will be given two options when you complete the questionnaire: mail your payment to ASU or ask that your fee be billed to your account (this is recommended). Information about paying the fee can also be found on your required document list on the Residency Petition Dashboard [2].

\$50 Fee Required

Independent Student [4]

Dependent Student [5]

Spouse of an Arizona Resident [6]

Transferred Employee [7]

No Fee

Military Exception Checklist [8]

Veteran Exception Checklist [9]

Native American Exception Checklist [10]

Teacher Waiver Checklist [11]

AmeriCorps/VISTA Exception Checklist [12]

Things to Know

- Petitions are processed in the order they are received. Submit your petition and supporting documents as early as possible.
- When you submit a petition, a priority task will appear in My ASU [12] to remind you to support your petition with appropriate documentation. Once we have what we need, this task will be removed.

- The university considers all information relevant to your request. We will verify the authenticity of all documents provided and may seek additional information. If you can't provide something, please explain what is missing and why.
- Documents must be legible. Originals are not required.
- Submitting documents electronically carries some risk and students are advised to redact sensitive information prior to submission.
- Please do not use three-ring binders or have your documents spiral bound.
- Additional documents may be requested by the Residency Classification Office.
- The burden of proof belongs to the student. It is your responsibility to support your petition with appropriate documentation.
- Applications and accompanying documentation will be retained by Arizona State University in accordance with university approved requirements. All information will be kept confidential as required by law and university policy.

Resources

- Moving to Arizona? Arizona Department of Revenue [13]
- New to Arizona? Arizona Motor Vehicle Division [14]
- Request a copy of an Arizona tax return from the Arizona Department of Revenue [15]
- Request a motor vehicle record from the Arizona Motor Vehicle Division [16]
- Request a tax transcript from the Internal Revenue Service [17]
- U.S. Citizenship and Immigration Services [18]
- Deferred Action for Childhood Arrivals (DACA) [19]
- Arizona Board of Regents Residency Classification [20]

Source URL: <https://students.asu.edu/residency-forms>

Links:

- [1] <https://students.asu.edu/residency>
- [2] <https://go.oasis.asu.edu/residencypetition/>
- [3] https://students.asu.edu/files/how_to_upload_your_petition_documents_apr2020.pdf
- [4] https://students.asu.edu/sites/default/files/in_dc_apr_2020_0.pdf
- [5] https://students.asu.edu/sites/default/files/de_dc_apr_2020_0.pdf
- [6] https://students.asu.edu/sites/default/files/sp_dc_apr_2020.pdf
- [7] https://students.asu.edu/sites/default/files/tr_dc_apr_2020.pdf
- [8] https://students.asu.edu/sites/default/files/mi_dc_apr_2020.pdf
- [9] https://students.asu.edu/sites/default/files/vt_dc_apr_2020.pdf
- [10] https://students.asu.edu/sites/default/files/na_dc_may_2020_0.pdf
- [11] https://students.asu.edu/sites/default/files/tw_dc_apr_2020.pdf
- [12] <http://my.asu.edu/>
- [13] <https://azdor.gov/individual-income-tax-information/moving-arizona>
- [14] <http://www.azdot.gov/mvd/driver-services/NewtoAZ>
- [15] <https://azdor.gov/forms/other-forms/request-copies-tax-documents>
- [16] <http://www.azdot.gov/mvd/driver-services/driver-license-information/motor-vehicle-records>
- [17] <http://www.irs.gov/Individuals/Get-Transcript>
- [18] <http://www.uscis.gov/>
- [19] <http://www.dhs.gov/deferred-action-childhood-arrivals>
- [20] <http://www.dhs.gov/deferred-action-childhood-arrivals>

Residency Deadlines

Deadlines

Deadlines are critical and missing a deadline can have significant consequences.

- Petition deadline. Per ABOR policy, failure to submit a petition by this deadline constitutes a waiver of your right to petition for that term. This deadline applies to the online questionnaire/petition.
- Document deadline. Your supporting documentation must be submitted by this date, which is 21 days after the petition deadline. Your petition cannot be evaluated without supporting documentation.
- Priority deadline is for students who have a complete petition (docs included) prior to this date.

| Deadline | Summer 2020 ² | Fall 2020 | Spring 2021 ³ | What it Means - Why It's Important |
|--------------------------------|--------------------------|-------------|--------------------------|---|
| Petition Deadline ¹ | May 19 | August 26 | January 15 | <ul style="list-style-type: none">• Your petition questionnaire must be submitted before this deadline or you forfeit your chance to petition for this semester.• This date is used for determining domicile year. Requirements for any given petition type must be met by the date. |
| Document Deadline | June 8 | September 9 | February 1 | <ul style="list-style-type: none">• This is the last day to submit supporting documentation for your petition.• Petitions that are lacking supporting documentation will be withdrawn. |
| Priority Deadline | April 1 | June 1 | November 1 | <ul style="list-style-type: none">• Petitions completed prior to the priority deadline will be evaluated before the first day of classes.• Meeting this deadline means your decision will be reviewed before tuition is due. |

¹You will not be permitted to initiate a new petition after the petition deadline. Late requests cannot be considered and there is no option to appeal a missed deadline.

²Students who submit a petition for summer 2020 will be prioritized based on current enrollment; students enrolled for summer 2020 classes will be evaluated first.

³Spring 2021 petitions will be available September 22, 2020.

When to submit your petition

Submit everything as early as possible, but not prior to when you meet requirements. For example, if you will meet the requirement for 12 months of continuous presence in July, submit your petition in July. Submitting a petition too early means you may have to wait a little longer for your decision.

Source URL: <https://students.asu.edu/residency-deadlines>

Residency Appeal

Per ABOR policy, students who believe they meet all residency requirements and have submitted a residency petition [1] but were subsequently denied, can appeal. An appeal hearing is your opportunity to present new evidence and/or testimony that supports why you think your denial was erroneous. Appeals are reviewed by the University Residency Appeal Committee, who will render a final decision. This committee is bound to the same ABOR policies as the Residency Office and does not have authority to make exceptions to ABOR policy. Staff members from the Residency Office are not permitted to serve on this committee and do not participate in the hearings.

Appeal Deadlines

Appeal requests must be submitted no later than 35 days after the last day of registration for the term for which the initial petition was submitted. Failure to properly file the appeal request prior to the established deadline date constitutes a waiver of your right to appeal. Appeals cannot be requested until after a decision on your petition has been made.

| Semester | Appeal Deadline |
|-------------|--------------------|
| Summer 2020 | June 23, 2020 |
| Fall 2020 | September 30, 2020 |
| Spring 2021 | TBD |
| Summer 2021 | TBD |

Submit your Residency Appeal

Before submitting your appeal request, please review your denial letter, decision summary and current Arizona Board of Regents (ABOR) guidelines [2]. Understanding why your petition was denied will help you prepare your appeal request.

- Form: Residency Classification Appeal Request [3]
- Additional instructions are included on the form.

New Documentation

All new documentation must be submitted with your appeal request form to ensure that all committee members have sufficient time to review this new information prior to your hearing.

Scheduling

Submit your appeal request as early as possible. Appeal hearings require careful planning and the schedule is created prior to each semester based on committee member availability. Every effort will be made to accommodate your class schedule; however, with limited dates and times there can be no guarantee that your hearing will be compatible with your schedule. Requests for changes must be submitted in writing no later than 10 business days prior to your scheduled hearing.

- Appeal requests are prioritized and scheduled based on receipt date of your appeal request. Submit your request as early as possible.

- You will receive notification of the date, time and place of the appeal two weeks prior to your hearing.
- Hearings may be scheduled during spring, fall or winter breaks.

Appeal Hearing

Every hearing will be comprised of 3-5 voting members. Committee members will review all aspects of your petition and may ask questions that were not previously addressed by the residency office. Your hearing is your opportunity to provide verbal testimony that supports your request for reclassification. Generally, the committee will render a decision at the conclusion of your hearing, but does have the option to delay their vote for up to ten days.

Attendance

You are not required to attend your hearing. If you choose to not attend, your hearing will be held in absentia and the committee will make a determination based on your written testimony and any additional documents you provide with your appeal request. Hearings held in absentia will not be rescheduled.

Counsel or Representation

Appeal hearings are not open meetings; however, you are allowed to invite witnesses or have legal representation. If an attorney will be representing you at your hearing, please notify the Residency Classification Office in advance.

Appeal Decision

Decisions of the Residency Classification Appeal Committee are final. Appellants will be notified of the Appeal Committee decision by email and certified letter. Overturning a decision requires a majority vote from the committee.

Other Considerations:

- Appellants who are reclassified as in-state resident students will be refunded the out-of-state portion of the tuition that has been paid for the term in question.
- Students with pending appeals are subject to all posted deadlines in the academic calendar.
- Having a pending appeal does not excuse the student from other deadlines, obligations or commitments, including petition deadlines for subsequent semesters.

Source URL: <https://students.asu.edu/residency-appeal>

Links:

[1] <https://students.asu.edu/residency>

[2] <https://www.azregents.edu/board-committees/policy-manual>

[3] <https://students.asu.edu/forms/residency-appeal-form>

Residency Contact

Contact Us

Phone

Current staff are working remotely and not available by phone. Please send your questions to residency@asu.edu [1]

Email

Send questions to residency@asu.edu [1].

Mail

University Registrar Services
Residency Classification
PO Box 870312
Tempe, AZ 85287-0312

Documents

Upload your required documents for your residency petition from the Residency Petition Dashboard. [2]

FAQs

Chances are you will have questions. Here's some of our most commonly asked questions [3].

Source URL: <https://students.asu.edu/residency-contact>

Links:

[1] <mailto:residency@asu.edu>

[2] <https://go.oasis.asu.edu/residencypetition/>

[3] <https://students.asu.edu/faq/156>

Frequently Asked Questions - Declaring Arizona Residency

I indicated that I was an Arizona resident on my admissions application, yet I am classified as a non-resident and was charged the non-resident application fee? How can I fix this?

Your residency classification is determined by a review of all of the information provided on your admissions application in accordance with guidelines provided by the Arizona Board of Regents. Your status as a non-resident is a result of one or more factors used to determine this classification. Please review the Residency Classification [1] web page and contact a residency specialist [2] if you have any questions.

I am currently attending a community college in Arizona as a resident; does that make me a resident at ASU?

Not necessarily. Residency for tuition purposes for the three state universities is determined according to guidelines established by the Arizona Board of Regents (ABOR). The community colleges are not governed by ABOR and your classification as a resident at the community college may or may not be in compliance with current ABOR policies.

I am a continuing student; will my residency automatically change after one year?

No. Your status will remain non-resident and any student wanting to be re-classified must initiate the process by contacting the residency office and submitting a petition by the appropriate deadline. Simply being a student at ASU for one year is not sufficient for residency purposes per ABOR policy, which reads, "No individual has established residency for tuition purposes in Arizona while attending any education institution in Arizona as a full-time student in the absence of objective evidence to the contrary."

I was born and raised in Arizona then left for a short period of time before returning, can I still be classified as an Arizona resident for tuition purposes?

Leaving Arizona will not result in a loss of Arizona residency unless your absence is accompanied by actions that indicate intent to establish a new domicile elsewhere. Former residents of Arizona who established domicile elsewhere would be classified as non-residents upon return and would not be eligible for residency until current ABOR policies are met. Residency classification is re-visited after any break in enrollment or absence from the university.

My parent is an ASU alumnus; does it have any effect on my residency classification?

No. Your residency classification is evaluated against current ABOR policy and your parent's status as an alumnus is not a consideration.

Does living in Arizona with a relative other than my parents have any effect on residency status?

No. Your status will be determined based on a review of your situation, but living with family members or friends is not an indicator of intent or domicile and will not influence your status.

I am a dual resident of Arizona; can I be considered a resident for tuition purposes?

No. Any person wishing to be classified as a resident would need to provide objective evidence of intent to be a permanent resident of Arizona and demonstrate that all ties to the former state have been severed.

My parents live out-of-state but I attend an Arizona high school; will I be considered a resident if I graduate from an Arizona high school?

No, you would be classified as a non-resident. Per ABOR guidelines, "The domicile of an unemancipated person is that of either parent." You may, however, qualify for the Non-Resident Tuition Rate for Arizona High School Graduates [3], which is 150% of in-state tuition.

I attended an Arizona institution using the WUE (Western University Exchange) or WICHE (Western Interstate Commission for Higher Education) program; will I be considered a resident?

The WUE/WICHE program allows residents of a participating state to pay a special, reduced tuition rate at participating institutions in other states. However, the student must maintain residency in the originating state. In other words, by participating as a WUE/WICHE student you are affirming that you are not an Arizona resident. ABOR requirements for physical presence and intent to be an Arizona resident cannot be satisfied as a WUE/WICHE student. Refer to the ASU WUE page for more information.

Are there any hardship exceptions?

No. Any person requesting classification as a resident for tuition purposes must prove they meet ABOR requirements or that they meet one of the approved exceptions.

I own property in Arizona; doesn't that make me a resident?

Owning property in Arizona does not automatically qualify you as a resident for tuition purposes. Property ownership is one factor to be considered, but would not be sufficient without other objective evidence of domicile and intent.

If I marry an Arizona resident, can I be classified as a resident?

Yes. There is a provision in current ABOR guidelines that would allow you to be re-classified if you marry a resident of Arizona. You would request reclassification by submitting a residency petition and providing appropriate documentation to support that both you and your spouse meet current ABOR guidelines for the spouse exception.

I am a research assistant, teaching assistant or graduate assistant and have been paying resident tuition. Am I a resident?

No. These positions are funded by waivers submitted by your college or department that pays the out-of-state portion of your tuition and fees; but, your status for residency purposes remains non-resident. To request reclassification, you would need to submit residency petition and appropriate supporting documentation.

I'm an ASU employee who is classified as a nonresident for tuition purposes, but am otherwise eligible for the Qualified Tuition Reduction Program. How should I proceed?

Please submit your Qualified Tuition Reduction Form (QTR) [4] to the Student Accounts Office. Once submitted, that office will notify the Residency Office who will adjust your residency status for the term in question.

How do I check the status of my residency petition?

You can monitor the status of your petition from the residency reclassification application portal [5].

When a decision is made, an email will be sent to your @ASU email address.

Source URL: <https://students.asu.edu/faq/156>

Links:

[1] <https://students.asu.edu/residency>

[2] <mailto:residency@asu.edu>

[3] <https://students.asu.edu/non-resident-tuition-rate-arizona-high-school-graduates>

[4] <https://students.asu.edu/tuitionreduction>

[5] <https://www.asu.edu/go/residencypetition>

Verification of Citizenship or Lawful Immigration Status

Arizona state law requires students to provide verification of citizenship, permanent residency or other lawful immigration status if they are classified as residents for tuition purposes or if they are seeking any type of financial assistance that is subsidized or paid in whole or in part with state monies. Students that need to complete this requirement are notified on My ASU [1] via a **Priority Task** or **Registration Hold**.

All students are advised to complete this requirement as early as possible, however students with an F1 or J1 visa must wait until after they arrived on campus.

Verification Process

Option 1: Free Application for Federal Student Aid (FAFSA) [2]

Verifying via the FAFSA is preferred. Students verified this way do not need to provide any additional documentation. Your priority task will be marked complete when ASU **receives and accepts** your FAFSA (which is typically five to seven days after your FAFSA is submitted to the US Department of Education). You may need to provide additional information if your FAFSA is rejected or selected for review by Financial Aid and Scholarship Services.

Option 2: Submit Documents Electronically [3]

Students can upload appropriate documents electronically using ASU's secure web form. A list of acceptable documents is provided on the web form. All documentation is subject to review and students may be asked to provide additional information. Processing time is 2-3 business days.

Option 3: Submit Documents by email [3]

Students can submit documents by mail (see below) or by email to registrar@asu.edu [4]. Copies of your documentation is acceptable provided they are legible and unaltered. All documentation is subject to review and students may be asked to provide additional information. Processing time is 2-3 business days.

Mail to:

Arizona State University
University Registrar Services
P.O. Box 870312
Tempe, AZ 85287-0312

Documentation submitted by mail or by email must include a signed copy of the Citizenship Verification Form [5].

Completing this requirement is the student's responsibility. Students that do not provide verification will be charged non-resident tuition and will not be eligible for state-funded financial aid. If you have questions or concerns, please contact University Registrar Services at registrar@asu.edu [6]

Acceptable Documents for Verifying Citizenship or Other Lawful Immigration Status

Documents most frequently submitted by U.S. citizens:

- Arizona Driver's License
- U.S. Birth Certificate (with photo ID)
- Signed U.S. Passport
- Non-Arizona Driver's License (licenses and permits from the following states are NOT permissible: California, Colorado, Connecticut, Delaware, Hawaii, Illinois, Maryland, Nevada, New Mexico, Utah, Vermont, Washington and the District of Columbia).
- Bureau of Indian Affairs ID Card, Tribal ID Card, or Certificate of Indian Blood (with photo ID)
- Signed U.S. Social Security Card (with photo ID)
- Signed Certificate of U.S. Citizenship or Signed Certificate of Naturalization (with photo ID)
- U.S. Military ID or DD-214 documentation (with photo ID)
- U.S. Armed Forces Driver's License
- Voter's Registration Card (with photo ID)
- Military dependent's ID card
- Consular Report of Birth Abroad (Form FS-240) Issued by State Department

Documents most frequently submitted by non-U.S. citizens:

- Signed unexpired Foreign Passport and valid U.S. Visa
- Permanent Resident Card
- F1 Visa and I-20 (signed)
- J1 Visa and DS-2019 (signed)
- Refugee Travel Document (Form I-571) issued since 2003
- Form I-94 arrival/departure record with endorsement (expiration date must not have passed); stamp showing admission under section 207 (refugees) or section 208 (asylee) of the Immigration Nationality Act

If you are unable to provide verification or if you have questions, please contact University Registrar Services at registrar@asu.edu [6]

Source URL: <https://students.asu.edu/verification-citizenship>

Links:

[1] <https://my.asu.edu/>

[2] <https://students.asu.edu/financialaid/apply>

[3] <https://students.asu.edu/forms/citizenshipstatus-verification-form>

[4] <mailto:registrar@asu.edu?subject=Verification%20of%20Citizenship%2FLawful%20Presence%20>

[5] https://students.asu.edu/sites/default/files/cv_form_03282019.pdf

[6] <mailto:registrar@asu.edu>

Tuition and Fees

Tuition and Fee Information

To view current year tuition and fees, please visit the Tuition and Cost Calculator [1].

To view historical information about tuition and fees, please visit Tuition and Fees Schedule [2].

All amounts shown in the Tuition and Fees Schedules or in other university publications or Web pages represent tuition and fees as currently approved. However, Arizona State University reserves the right to increase or modify tuition and fees without prior notice, upon approval by the Arizona Board of Regents or as otherwise consistent with board policy, and to make such modifications applicable to students enrolled at ASU at that time as well as to incoming students. In addition, all tuition amounts and fees are subject to change at any time for correction of errors. Finally, please note that fee amounts billed for any period may be adjusted at a future date.

Tuition charges will be billed on your student account and may be viewed online through My ASU [3] after registration. See Billing [4] for information on how to pay your tuition and fees.

ASU Payment Plan

If tuition is not paid by the applicable tuition due date, or financial aid is not awarded and accepted by the due date, you will be automatically enrolled in the ASU Payment Plan [5] and charged a nonrefundable enrollment fee.

Leaving ASU

By registering for classes, you agree to pay all applicable tuition and registration fees. If you plan to leave the university, you must officially withdraw to cancel registration before the refund deadline. Refund deadlines are available on the Important [6] Dates [6] calendar. Please ensure that you have dropped or withdrawn from all classes during the 100 percent refund period or you will be responsible for the tuition charges. See the Tuition Refund Policy [7].

IRS Form 1098-T

Arizona State University prepares an IRS form 1098-T, Tuition Tax Statement each calendar year. IRS form 1098-T reports amounts billed to you for qualified tuition and may assist you in the preparation of your tax return with regards to education tax benefits you may be eligible to claim. Read more about the IRS form 1098-T [8].

Source URL: <https://students.asu.edu/tuitionandfees>

Links:

- [1] <https://students.asu.edu/costs>
- [2] <http://catalog.asu.edu/tuitionandfees>
- [3] <http://my.asu.edu/>
- [4] <https://students.asu.edu/tuitionandbilling>
- [5] <https://students.asu.edu/paymentplan>
- [6] <https://students.asu.edu/tuitiondeadlines>
- [7] <https://students.asu.edu/tuitionrefundpolicy>
- [8] <https://students.asu.edu/form1098t>

Tuition and Fee Descriptions

ASU tuition and fees are approved annually by the Arizona Board of Regents. In addition to resident and nonresident tuition, commonly billed tuition and fees include:

Differential Tuition and Program Tuition

Certain colleges and programs assess additional differential and program tuition as approved by the Arizona Board of Regents. Visit the Tuition and Fees Schedules [1] for college and program specific tuition and fees.

Excess Hours Tuition

The Arizona Legislature enacted legislation in 2005 (A.R.S. § 15-1626) that establishes credit hour thresholds for undergraduate students who attend a public university in Arizona. Undergraduate students who enroll for credit hours beyond the applicable threshold are required to pay an Excess Hours Tuition Surcharge [2]. Students who have more than 145 credit hours will be assessed the Undergraduate Excess Hours Tuition Surcharge.

Undergraduate College Fee 1-4

The Undergraduate College Fee is one of four fee categories based on a student's program of study. ASU conducted a comprehensive review of all instructional costs for every program. Programs of study with similar costs were grouped together, and those fees were averaged to determine an amount for each category. *Visit the Tuition Estimator [3] to determine your Undergraduate College Fee.

Undergraduate College Fee 1

Mary Lou Fulton Teachers College
College of Integrative Sciences and Arts: Humanities and Social Sciences
New College of Interdisciplinary Arts and Sciences: Humanities and Social Sciences

Undergraduate College Fee 2

College of Integrative Sciences and Arts: Sciences
New College of Interdisciplinary Arts and Sciences: Sciences
College of Global Futures
The College of Liberal Arts and Sciences: Humanities and Social Sciences
Watts College of Public Service and Community Solutions

Undergraduate College Fee 3

College of Health Solutions
Edson College of Nursing and Health Innovation**
Herberger Institute for Design and the Arts

Undergraduate College Fee 4

Ira A. Fulton Schools of Engineering
The College of Liberal Arts and Sciences: Sciences
Thunderbird School of Global Management
Walter Cronkite School of Journalism and Mass Communication
W.P. Carey School of Business

Technology Fee

The Technology Fee assessed to online students funds technology initiatives including implementation of ASU's wireless network, delivering University-licensed software to all students, increasing the number of technology-enabled classrooms, reducing dependence on computing labs and expanding and improving online self-service environment. For more information, click here [4].

Student Initiated Fee

ASU's student government leaders, on behalf of the students they represent, have sought and received ABOR approval for the Health and Wellness fee, Student Athletics fee, Student Programs fee, Student Services Facility fee and Recreation fee. Funding from these fees will be used to enrich the student experience. Included with the Student Initiated Fees is the Financial Aid Trust fee. All students are assessed a mandatory financial aid trust fee as authorized by the Arizona Legislature to create a Financial Aid Trust Fund. For more information please see the Student Initiated Fee [5] webpage.

Graduate Student Support Fee

The Graduate Student Support Fee helps fund resources and services that support graduate students, including technology resources and services, instructional and laboratory expenses in departments and schools, and graduate student services.

Special Class, Hybrid, oCourse, iCourse Fees

Special Class, Hybrid, oCourse and iCourse fees are assessed based on enrollment in specific classes. These fees are published with each class through Class Search [6].

Late Registration Fee

All students who register beginning the week before the first day of the semester will be assessed a late registration fee of \$50.00, with the exception of students enrolling only in late start sessions. Students enrolling exclusively in late start sessions, will be assessed the late registration fee beginning one week before the session start date. Please see Tuition Deadlines [7] for specific dates. Registration after the published deadline may be permitted under extraordinary circumstances if approved by an authorized College designee. Late fees are not refundable.

**The College of Nursing and Health Innovation post-bac BSN will continue to maintain a separate fee. All other nursing programs will be in Undergraduate College Fee 3.

Source URL: <https://students.asu.edu/tuition-descriptions>

Links:

[1] <http://www.asu.edu/admissions/tuitionandfees/>

[2] <https://students.asu.edu/tuitionsurcharge>

[3] <https://students.asu.edu/tuition>

[4] <https://eoss.asu.edu/technologyfee>

[5] <https://students.asu.edu/student-initiated-fee>

[6] <https://www.asu.edu/go/classsearch/>

[7] <https://students.asu.edu/tuitiondeadlines>

Student Initiated Fee

ASU's student government leaders, on behalf of the students they represent, sought and received ABOR approval for the following Student Initiated Fees. Funding from these fees will be used to enrich the student experience.

Recreation Fee

The Recreation Fee supports programs and services at the Sun Devil Fitness Centers. Funds are used to provide intramurals, student employment opportunities, a broad array of fitness classes and workshops, events and programs. Each Fitness Complex has an advisory board that provides routine feedback on services, hours and programs. Students interested in serving on a Sun Devil Fitness Advisory Board are encouraged to apply [1].

Student Service Facility Fee

The Student Service Facility Fee allows for the enhancements of existing facilities and the planning and development of new student service facilities to meet the needs of a growing student population. For a list of facilities built and supported by the fee click here. [2]

Student Programs Fee

The Student Programs Fee provides funding for student programming initiatives. Managed by student government at each location, this fee is used to generate value added programming that supports ASU student needs and interests. Recipients of the programs fee funding typically include: Programming and Activities Board (PAB), Clubs and Organizations, Sports Clubs, travel funding to support research and attend conferences, and large-scale student programs and activities.

Health and Wellness Fee

The Health and Wellness Fee supports the operation of ASU Health Services. Funding supports health education and promotion, primary care, acute emergency care services, travel medicine services, nutritional counseling and high demand specialty care. The Health Services Advisory Board provides routine feedback to the Director of Health Services on services provided, quality and efficiency of care, new innovations, and student needs. Students interested in serving on the Health Services Advisory Board are encouraged to apply [1].

Student Athletic Fee

The Student Athletic Fee provides a revenue stream of funds to support the operations of Sun Devil Athletics, in exchange for a reinvestment of university funds into student identified priorities. These priorities were established by the Athletic Fee Operations Board and include salary increases for Research and Teaching Assistants to a minimum standard, expanding transportation services to include weekends and holidays, free attendance to all ASU football games, free graduate test prep programs and increased university investment for need and merit-based financial aid. Students interested in serving on the Athletic Fee Operations Board are encouraged to apply [1].

Financial Aid Trust Fee

Included with the Student Initiated Fees is the Financial Aid Trust Fee assessed to all students as authorized by the Arizona Legislature.

Student Financial Aid Trust grants are assistance provided in partnership between ASU students and the state legislature. All students are assessed this fee to create a Financial Aid Trust Fund, from which Financial Aid Trust Grants are awarded under the usual aid eligibility criteria. Fees collected from students are matched by the State of Arizona. Priority for these limited awards is given to eligible undergraduate students who file their FAFSA by the priority filing date of January 1 and who are Arizona residents or underrepresented students with high financial need.

Source URL: <https://students.asu.edu/student-initiated-fee>

Links:

[1] <https://eoss.asu.edu/studentgov/committees>

[2] <https://eoss.asu.edu/facilityfee>

[3] <https://students.asu.edu/taxonomy/term/244>

Tuition Refund Policy

By registering for classes students agree to pay all applicable tuition and registration fees. Students are required to pay all tuition and fees for any registered course unless enrollment is officially cancelled during the 100% refund period.

- Tuition and fees are nonrefundable after the 100% refund period.
- All refunds are less any amounts owed to the university and are subject to payment holding periods.
- Withdrawal or cancellation occurs on the calendar day that withdrawal is requested either online or in person at a Registrar site.

Fall and Spring Semester Classes

- The 100% refund period extends through the first two weeks of the semester for regular semester classes (Session C) and sessions eight weeks or longer.
- The 100% refund period is one week for sessions shorter than eight weeks (Sessions A & B) and for dynamically dated classes.
- For classes that begin prior to the first day of the regular semester, the applicable 100% refund period begins on the class start date not the semester start date.

Summer Session Classes

- The 100% refund period is the first five days of the applicable summer session. This includes Sessions A, B, C and dynamically dated classes.
- For classes that begin prior to the first day of the regular semester, the applicable 100% refund period begins on the class start date not the semester start date.

Students are required to pay tuition and fees owed for enrollment cancellations that occur after the refund period.

Medical or Compassionate Withdrawals

Students withdrawing for medical circumstances or other extenuating circumstances must contact their college to initiate the process. Approved medical or compassionate withdrawals [1] are eligible for up to an 80% refund of tuition if approved within two years of the end of the semester. No tuition refund is provided thereafter.

For specific semester or session deadlines, please refer to Tuition Dates and Deadlines [2].

Source URL: <https://students.asu.edu/tuition-refund-policy>

Links:

[1] <https://students.asu.edu/forms/medical-compassionate-withdrawal-request>

[2] <https://students.asu.edu/tuitiondeadlines>

Undergraduate Excess Hours Tuition

The Arizona Legislature enacted legislation in 2005 (A.R.S. § 15-1626) that establishes credit hour thresholds for undergraduate students who attend a public university in Arizona. Undergraduate students who enroll for credit hours beyond the applicable threshold are required to pay an excess hours tuition surcharge. Students who have more than 145 credit hours will be assessed the Undergraduate Excess Hours Tuition Surcharge.

The Undergraduate Excess Hours Tuition Surcharge is billed in addition to tuition, program tuition, mandatory fees and class fees.

Exemptions

The excess hours tuition surcharge must be assessed in accordance with Arizona State Statutes and is not subject to appeal. The Arizona Legislature, however, provided for certain exemptions to the credit hour threshold and surcharge:

1. Undergraduate degree programs that require credit hours above the credit hour threshold.
2. Credits earned in pursuit of up to two baccalaureate degrees: The excess hours tuition surcharge is not assessed if (a) student has previously earned a baccalaureate degree and is currently admitted to one undergraduate degree program or (b) has not previously earned a baccalaureate degree and is admitted to two or more undergraduate degree programs simultaneously. This exemption does not apply to students who have previously earned two or more baccalaureate degrees or students who have earned one baccalaureate degree and are currently admitted to two or more undergraduate degree programs.
3. Credits earned in the pursuit of up to two state regulated licenses or certificates: The student is not required to be enrolled in both programs simultaneously. Examples include accounting, nursing, social work, and certain engineering degrees.
4. Credits earned in the pursuit of a teaching certification.
5. Credits transferred from a private institution of higher learning.
6. Credits transferred from an institution of higher education in another state.
7. Credits earned at another institution of higher education but that are not accepted as transfer credits at ASU.
8. Credits earned by students who enroll at a university under the jurisdiction of the board more than twenty-four months after the end of that student's previous enrollment at a public institution of higher education in this state.

Tuition Waivers and Scholarships

Employee waivers and tuition scholarships do not apply to the Undergraduate Excess Hours Tuition Surcharge.

Academic Year 2020–2021 Rates

For resident students the surcharge is \$153 per credit hour up to a maximum of \$1,071 for enrollment in 7 or more hours. For nonresident students the surcharge is \$240 per credit hour up to a maximum of \$2,880 for enrollment in 12 or more credit hours. For online students, the excess hours tuition rate is \$108 per credit hour up to a maximum of \$1,296 for enrollment in 12 or more credit hours.

Source URL: <https://students.asu.edu/tuition-surcharge>

Polytechnic & West Campus Tuition Discounts

Undergraduate freshmen and sophomores in the New College of Interdisciplinary Arts and Sciences [1] and The Polytechnic School [2] are eligible to receive a 10% reduction in base tuition. To receive this discount, students must meet the following requirements:

- Admitted in fall 2011 or later
- Freshman or sophomore academic standing

- Admitted to a program in the New College of Interdisciplinary Arts and Science or the Polytechnic School
- If admitted to the Polytechnic School, all classes must be taken at the Polytechnic campus
- If admitted to the New College of Interdisciplinary Arts and Sciences, all classes must be taken at the West campus

Enrollment in iCourses does not affect eligibility for the discount. This discount will not be extended to students already receiving the Western Undergraduate Education (WUE) discount.

For additional information about tuition rates, please see the tuition schedules [3] or you may use the tuition estimator [4] to estimate your full tuition costs.

Source URL: <https://students.asu.edu/tuition-poly-west>

Links:

[1] <http://newcollege.asu.edu/>

[2] <http://poly.engineering.asu.edu/>

[3] <https://catalog.asu.edu/tuitionandfees/>

[4] <https://students.asu.edu/costs>

Tuition Payment with Financial Aid

Financial aid is posted to your student account and used to pay tuition and other student account charges. If there is a remaining balance, a refund will be issued.

- For students who have accepted financial aid and it is sufficient to cover tuition charges, financial aid will automatically pay tuition charges and no action is necessary.
- For students with accepted financial aid that is insufficient to cover tuition charges, the payment deadline is extended.

For tuition due dates, visit Tuition Dates and Deadlines [1].

If financial aid is not awarded and accepted by the tuition due date, tuition charges must be paid to avoid automatic enrollment in the ASU Payment Plan [2] and assessment of the non-refundable tuition installment plan fee of \$100 for resident students and \$200 for nonresident students.

Class enrollment completes the registration process. If you decide not to attend classes, you must officially withdraw from the University. Classes will be held even if aid becomes unavailable or is inadequate to pay all tuition and fees. Registration will not be automatically cancelled during the tuition refund period.

Refunds by Direct Deposit

Financial aid in excess of institutional charges is refunded to the student. Direct deposit to your bank account is available and is the most convenient way to receive student account refunds, including financial aid. To enroll in direct deposit:

1. Sign in to My ASU. [3]
2. Select the **Finances** tab at the top of the page.
3. Then select **Direct Deposit** link in the **Financing Tasks** box on the right side of the page.

View the Direct deposit FAQs [4] to learn about enrollment online and direct deposit in general. If you choose to enroll in direct deposit in person, please fill out the Direct Deposit Authorization [5] form and bring it to the Student Accounts office. For students not enrolled in student account direct deposit, refunds are made by check and mailed to the student's address. Direct deposit enrollment verification takes two weeks. If a refund becomes available before your direct deposit enrollment has been verified, a paper check will be issued and sent to your mailing address on file.

Taxability of Scholarships and Fellowships

Scholarships, grants, fellowships and stipends (but not loan funds) are taxable income to the recipient, except for the portion of these funds used for tuition, registration, other University fees, and books, supplies and equipment required for the courses being taken. Special tax regulations also apply to non-resident alien students and may require withholding of taxes at the time of aid disbursement to these individuals. Information on the taxability of scholarships can be obtained from the following IRS publications and forms: Publication 970, Tax Benefits for Education, Pub 519 - U.S. Tax Guide for Aliens, Form 1040EZ and instructions - Income Tax Return for Single and Joint Filers with no dependents, Form 1040 NR and Instructions - U.S. Nonresident Alien Income Tax Return. These publications and forms can be obtained from the Internal Revenue Service at their toll free number 1-800-829-FORM. These publications and forms can also be viewed at www.irs.gov [6].

Paying for Past Due Charges with Future Semesters Financial Aid

Federal financial aid will not pay prior year past due charges. To view your account charges and make a payment online:

1. Sign in to My ASU [3].
2. Select the **Finances** tab at the top of the page.

Additional payment options [7] are available. Please contact the Collections Office at 480-965-5220 with questions about unpaid balances.

Financial Assistance Withdrawal Policy

Individual circumstances may require complete withdrawal [8] from the university. The outcome of complete withdrawal on your financial aid depends on when the complete withdrawal is initiated and the types of financial aid you received. In all cases, your financial aid must be recalculated.

Official Complete Withdrawal

Federal regulations require the recalculation of Title IV financial aid in cases where a student received financial aid and officially withdrew on or before the point at which 60% of the semester has lapsed. If a return of aid is required, ASU returns the unearned portion of Title IV financial aid funds to federal programs on behalf of the student. **Any return of financial aid funds made by the university will be charged to the student's university account.** Payment to the university will be due on demand. Federal financial aid Title IV funds include:

- the Federal Pell Grant
- the Federal Supplemental Educational Opportunity Grant (FSEOG)
- the Federal Perkins loan
- the Leveraging Educational Assistance Partnership (LEAP)
- the Academic Competitiveness Grant (ACG)
- the Science and Mathematics Access to Retain Talent Grant (SMART)

- the Federal Direct Subsidized and Unsubsidized Student Loans and the Federal PLUS Loan

Students who withdraw prior to the first day of the semester and who have received a financial aid disbursement are not entitled to keep those funds. The student's university account will be charged. One hundred percent of the funds disbursed must be returned to ASU.

For additional information, please visit <https://students.asu.edu/policies/fa-withdrawal> [9].

Source URL: <https://students.asu.edu/financial-aid-payment>

Links:

- [1] <https://students.asu.edu/tuitiondeadlines>
- [2] <https://students.asu.edu/paymentplan>
- [3] <http://my.asu.edu>
- [4] <https://students.asu.edu/faq/233>
- [5] https://students.asu.edu/sites/default/files/ddappl_2016_.pdf
- [6] <http://www.irs.gov/>
- [7] <https://students.asu.edu/paymentoptions>
- [8] <https://students.asu.edu/drop-add>
- [9] <https://students.asu.edu/policies/fa-withdrawal>

Qualified Tuition Reduction

The Qualified Tuition Reduction Program permits eligible employees to take advantage of educational opportunities at the University. Please review SPP 505 [1], Employee-Reduced In-State Tuition, for additional information regarding eligibility and benefits.

Eligibility

Reduced in-state tuition is available to faculty and staff who are employed at least 50% within the state university system, their spouses and dependent children. You must be employed on the first day of the session to be eligible for employee reduced in-state tuition. At ASU, the Qualified Tuition Reduction Form must be submitted on or before the first day of a session to qualify for reduced tuition.

Institutional merit-based aid provided by the University [2] will not exceed the value of stated resident tuition for each respective academic year when combined with the Qualified Tuition Reduction (QTR, a benefit for faculty and staff) or other tuition reduction programs (or waivers). Students offered multiple awards designated for base tuition, cannot receive more than 100% of base tuition.

Qualified Tuition Reduction Form

ASU employees must complete and submit the Qualified Tuition Reduction Form each semester to receive the reduced in-state tuition benefit for classes taken at ASU. Forms can be obtained at Human Resources (University Center A Building), the Student Accounts Office or online at asu.edu/hr/forms [3]. The form must be received and processed in the Student Accounts Office by the tuition due date. Please submit forms early to ensure timely processing:

- Mail to the Student Accounts Office, Arizona State University, PO Box 870303, Tempe, AZ 85287-0303 (Campus Mail Code 0303).
- Fax to the Student Accounts Office at 480-965-9242.
- E-mail to tuitionreduction@asu.edu [4].
- Submit in person at the following locations:
 - Tempe campus Student Accounts Office on the second floor of the Student Services (SSV) building

- West campus Tuition Payment and Cashiering Services Office in University Center 101
- Polytechnic campus Administration Building Room 160
- Downtown Phoenix campus Cashiering Services and Tuition Payment Office in University Center 112

The outstanding balance of the ASU tuition will remain on your student account and should be paid by the tuition payment deadline to avoid late fees. Contact the Student Accounts Office at 480-965-6341 for further information.

NAU & U of A Classes

There is a separate Qualified Tuition Reduction Form for classes at U of A or NAU and for ASU retirees and employees of affiliate organizations taking classes at U of A, NAU or ASU. This form can be obtained at Human Resources (University Center A Building) or online at asu.edu/hr/forms [3]. The Qualified Tuition Reduction Form for U of A/NAU/Retired/Affiliate staff must be approved by staff in ASU Human Resources and then submitted to the tuition payment office at the campus where classes are being taken.

Source URL: <https://students.asu.edu/tuition-reduction>

Links:

[1] <http://www.asu.edu/aad/manuals/spp/spp505.html>

[2] <https://students.asu.edu/scholarships/renewal>

[3] <http://www.asu.edu/hr/forms/>

[4] <mailto:tuitionreduction@asu.edu>

Tuition Receipt

For students requiring tuition receipts for insurance, reimbursement or other reasons, a tuition receipt is available through My ASU.

How to View Your Tuition Receipt

1. Login to My ASU [1].
2. Select the **Finances** link on the upper left side.
3. Select the **Tuition Receipt** link and indicate the appropriate term.

To print, click **Printer Friendly Page**.

Source URL: <https://students.asu.edu/tuition-receipt>

Links:

[1] <http://my.asu.edu>

Form 1098-T Tuition Tax Statement

Effective for calendar year 2018 and due to federally mandated tax reporting regulations, ASU will now be reporting amounts **paid** for qualified tuition and related expenses on the IRS 1098-T form. In prior years, ASU reported only **billed** amounts for these qualified tuition and related expenses on the IRS 1098-T form. You, or the person who may claim you as a dependent, may be able to take the tuition and fees deduction or claim an education credit on form 1040 or 1040A for the qualified tuition and related expenses that were actually paid during the calendar year. For example, a student who makes payment in 2018 for spring 2019 charges will only be eligible for an education credit for this payment in 2018. The IRS 1098-T form is an informational document and does not need to be attached to your tax return. There is no IRS or ASU requirement that you claim a tuition and fees deduction or an education credit. Please consult your tax advisor for further tax questions or advice.

How to View your 1098-T

To view your 1098-T tuition statement:

1. Sign in to My ASU [1].
2. Select the **Finances** option at the top of the page.
3. Click on **More**.

Additional Resources

- Detailed Explanation [2] of the 1098-T tax form
- Supplemental Information [3] for the 1098-T tax form
- IRS Form 1098-T FAQs [4]

If you have questions regarding your 1098-T tax form, please email taxcredits@asu.edu [5] or call the 1098-T information line at 480-965-9834.

Source URL: <https://students.asu.edu/form-1098t>

Links:

[1] <http://my.asu.edu>

[2] <https://students.asu.edu/1098TExplanation>

[3] <https://students.asu.edu/1098Tsupplemental>

[4] <https://students.asu.edu/faq/228>

[5] <mailto:taxcredits@asu.edu>

ASU Payment Plan

The ASU Payment Plan provides students with the option to budget the payment of certain eligible university charges over several months within the semester. **Eligible charges include tuition, housing, meal plan, parking permits and health insurance.** The chart below outlines specific ASU Payment Plan due dates and enrollment fee amounts.

| | Resident & NonResident ASU Payment Plan Due Dates | ASU Payment Plan Enrollment Fee |
|---------|--|---|
| Fall | August 25 September 25 October 25 | \$100 Resident Students \$200 Nonresident Students |
| Spring | January 25 February 25 March 25 | \$100 Resident Students \$200 Nonresident Students |
| Summer* | May 25 June 25 July 25 | \$50 Resident Students \$100 Nonresident Students |

*The summer sessions enrollment fee is \$50 for resident students or \$100 for nonresident students for each summer session registered in up to a maximum of two sessions.

My ASU Enrollment

All students are eligible to enroll in the ASU Payment Plan by logging in to My ASU and selecting Finances at the top of the page and clicking on ASU Payment Plan in the Financial Success section on the right side.

The screenshot shows the My ASU website interface. At the top, there is a navigation bar with the ASU logo and links for ASU Home, My ASU, Colleges and Schools, Map and Locations, Directory, and a search bar. Below the navigation bar, there is a dark blue header with the text "My ASU" and a menu with options: Home, Finances, Campus Services, Profile, and Help. A notification banner at the top left states: "ASU's campus classes will remain online for summer sessions A, B, and C. Learn more and connect now. Listen to an update from President Crow about this transition." Below the notification, there are several sections: "Account Charges" showing a current amount due of \$0.00 and a "Make a Payment" button; "Financing Tasks" showing "No tasks at this time"; "Financial Success" with links for "Search/apply for scholarships", "Search/apply for student jobs", "Cost calculator and estimator", "Add a Guest to Make a Payment", and "ASU Payment Plan" (highlighted with a mouse cursor); "Financial Aid and Scholarships" with a "Submit a FAFSA" button; and a "Calculate your costs, try the budget worksheet" button. A tooltip for the ASU Payment Plan link reads: "For a minimal fee, the ASU Payment Plan provides students with the option to budget payment of tuition, housing, meal plan, parking permit and health insurance over several months. Peruse the details. Enroll or review your enrollment status."

Automatic Enrollment

Students with an outstanding balance of \$500 or more of unpaid eligible charges by the designated payment deadline will be automatically enrolled in the ASU Payment Plan. Students automatically enrolled will be responsible for the ASU Payment Plan fee billed to their student account. ASU does not withdraw students from classes during the current semester for nonpayment and students must withdraw before the semester or session starts if they decide to not attend. For further questions regarding automatic enrollment in the ASU Payment Plan or for assistance enrolling, you may [contact us \[1\]](#) or visit the Student Accounts Office located in the Student Services building.

Financial Aid (Scholarships, Grants, Loans)

Students with financial aid are encouraged to carefully review their financial aid award amounts prior to enrolling in the ASU Payment Plan. Enrollment in the Payment Plan may not be necessary if the financial aid award package is sufficient to cover all eligible charges. However, if the amount a student is awarded in financial aid does not cover all eligible charges and an unpaid balance remains by the designated deadline, the student will automatically be enrolled in the ASU Payment Plan.

Frequently Asked Questions

What is the designated payment deadline to avoid enrollment in the ASU Payment Plan?

The designated payment deadline is the deadline initially provided when charges are placed on a student's account. Students are encouraged to review the details of their student account, including the designated payment deadline for eligible charges, by logging into My ASU and selecting Finances at the top of the page. Students can also review the Tuition and Billing Calendar [2] for important due dates.

Must I re-enroll in the ASU Payment Plan each semester?

Yes. Because ASU realizes student's financial circumstances may vary from semester to semester, students have the option to enroll each semester.

Are the ASU Payment Plan due dates and enrollment fees different for B Session because classes start later in the semester?

No. Students enrolled in session B prior to the start of the semester will have the same initial designated payment deadline for tuition charges as students enrolled in both sessions A and C. Students enrolled in session B who have an unpaid balance of \$500 by the designated payment deadline will be automatically enrolled in the ASU Payment Plan.

Is there any benefit to voluntarily enrolling in the ASU Payment Plan vs. being automatically enrolled?

No. Students are assessed the same enrollment fee if they are voluntarily or automatically enrolled in the ASU Payment Plan. Student Business Services suggests students closely review their financial aid package before voluntarily enrolling to ensure ASU Payment Plan arrangements are necessary.

If a student enrolls in the ASU Payment Plan before the semester begins and ends up not having a \$500 balance, is the student still enrolled in the plan?

Yes. If a student voluntarily enrolls and eligible charges are paid prior to the initial designated payment deadline, the student will still be assessed the non-refundable enrollment plan fee.

What happens if a student's outstanding eligible charges are under \$500?

Students with a balance under \$500 will NOT be automatically enrolled in the ASU Payment Plan. However, these charges are subject to a late fee. Please review the ASU Late Charge Policy [3] for further clarification.

Is the ASU Payment Plan enrollment fee refundable if additional financial aid becomes available after the designated payment deadline and pays the balance of all eligible charges?

No. The ASU Payment Plan fee is non-refundable even if a student's financial circumstances change after enrollment into the plan. To avoid paying the ASU Payment Plan fee, we strongly recommend working with a financial aid counselor in

advance to ensure all aid is reviewed and accepted prior to the designated payment deadline. For questions regarding financial aid awards, please contact 480-965-3355 or visit Financial Aid and Scholarship Services [4].

Can students still purchase and pay for parking permits through MyParking Online Services?

Yes. Students will still have the option of purchasing permits through MyParking Online Services [5]. However, beginning in Fall 2014 students will have the option of having their parking permit charges billed to their student account. By utilizing this option, students can use their financial aid awards to pay parking permit charges. Only parking permits can be billed to a student's account. Parking citations and other fees are not eligible.

Source URL: <https://students.asu.edu/payment-plan>

Links:

[1] <https://students.asu.edu/tuitionandbillingcontact>

[2] <https://students.asu.edu/tuitiondeadlines>

[3] <https://students.asu.edu/delinquentaccounts>

[4] <https://students.asu.edu/financialaid>

[5] <https://cfo.asu.edu/parking>

Non-Resident Tuition Rate for Arizona High School Graduates

The Arizona Board of Regents' "Non-Resident Tuition Rate for Arizona High School Graduates" is a non-resident undergraduate tuition rate that is 150% of in-state tuition for Arizona high school graduates who don't otherwise qualify for in-state tuition.

Arizona Board of Regents (ABOR) Policy

A. A student who graduated from an Arizona high school, but is not otherwise eligible for resident tuition status will be eligible for a non-resident undergraduate tuition rate of 150% of undergraduate resident tuition, if the student has attended high school in Arizona for a minimum of three years while physically present in Arizona and graduated from an Arizona high school (or attained the equivalent while physically present in Arizona for a minimum of three years).

B. The non-resident rate for Arizona high school graduates would apply to tuition for undergraduate students. This rate does not apply to differential tuition, or tuition for on-line, accelerated or distributed programs.

C. "High School" is defined as grades 9-12. Completion of the 9th grade while physically present in Arizona, whether at an Arizona middle school or high school or equivalent, will count toward the Arizona high school attendance requirement. The three years of Arizona high school attendance do not need to be consecutive.

D. A student who meets the requirements of this policy will be eligible for the non-resident undergraduate rate regardless of when the student graduated from an Arizona high school.

E. The policy is effective beginning with the fall 2015 semester.

ASU Procedure for Applying

Submit final Arizona high school transcript showing at least 3 years of attendance **with graduation date** to Admission Services [1].

After you have submitted this information your record will automatically be reviewed to determine if you are eligible for the Non-Resident Tuition Rate for Arizona High School Graduates.

You will be notified by email if you qualify or if we need further documentation.

If you have not received confirmation that you are eligible for this tuition rate, or if you completed the equivalent of a high school degree while physically present in Arizona for a minimum of three years, please complete and submit the Non-Resident Tuition Rate for Arizona High School Graduates Application [2] with supporting documentation.

Residency Classification and Financial Aid

- Eligible students remain classified as non-residents. Visit Residency [3] for information about requesting reclassification.
- Changes to your tuition can affect financial aid awards. Contact Financial Aid [4] for questions about your aid.

Source URL: <https://students.asu.edu/non-resident-tuition>

Links:

[1] <https://students.asu.edu/admission-transcripts>

[2]

https://students.asu.edu/sites/default/files/application_for_nr_tuition_rate_for_arizona_high_school_graduates_may_28_2020.pdf

[3] <https://students.asu.edu/residency>

[4] <https://students.asu.edu/financialaid>

Tuition and Fee Schedules

All amounts shown in the Tuition and Fees Schedules or in other University publications or webpages represent tuition and fees as currently approved for 2020-2021. However, Arizona State University reserves the right to increase or modify tuition and fees without prior notice, upon approval by the Arizona Board of Regents or as otherwise consistent with Board policy and to make such modifications applicable to students enrolled at ASU at that time as well as to incoming students. In addition, all tuition amounts and fees are subject to change at any time for correction of errors. Finally, please note that fee amounts billed for any period may be adjusted at a future date.

Per Semester Tuition and Fees - Fall 2020

General Tuition and Fees

[Archivist's note: dropdown tool not able to be archived; see individual items below]

Program Specific Tuition and Fees

Certain Graduate and Undergraduate programs charge program specific tuition. Use the ASU Tuition and Cost of Attendance Estimator [1] to review program specific tuition and fees.

Source URL: <https://catalog.asu.edu/tuitionandfees>

Links:

[1] <http://students.asu.edu/costs>

General Tuition & Fees

Resident Undergraduate Degree Program and Nondegree-seeking

All Campuses

| UNDERGRADUATE COLLEGE FEE 1 ^(1, 2, 3) | | | | | | | |
|---|-----------------------|---------|---------|---------|---------|---------|----------|
| Includes: Education, New College humanities and social sciences, CISA humanities and social sciences | | | | | | | |
| | ENROLLED HOURS | | | | | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 & Over |
| Resident Undergraduate Tuition | \$765 | \$1,530 | \$2,295 | \$3,060 | \$3,825 | \$4,590 | \$5,355 |
| Undergraduate College Fee 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Student-initiated Fee ⁽⁴⁾ | 156 | 156 | 156 | 156 | 156 | 156 | 314 |
| Total Resident Undergraduate Tuition and Fees | \$921 | \$1,686 | \$2,451 | \$3,216 | \$3,981 | \$4,746 | \$5,669 |

| UNDERGRADUATE COLLEGE FEE 2 ^(1, 2, 3) | | | | | | | |
|--|-----------------------|---------|---------|---------|---------|---------|----------|
| Includes: The College humanities and social sciences, New College sciences, CISA sciences, Public Service and Community Solutions, and Global Futures | | | | | | | |
| | ENROLLED HOURS | | | | | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 & Over |
| Resident Undergraduate Tuition | \$765 | \$1,530 | \$2,295 | \$3,060 | \$3,825 | \$4,590 | \$5,355 |
| Undergraduate College Fee 2 | 15 | 30 | 45 | 60 | 75 | 90 | 105 |
| Student-initiated Fee ⁽⁴⁾ | 156 | 156 | 156 | 156 | 156 | 156 | 314 |
| Total Resident Undergraduate Tuition and Fees | \$936 | \$1,716 | \$2,496 | \$3,276 | \$4,056 | \$4,836 | \$5,774 |

| UNDERGRADUATE COLLEGE FEE 3 ^(1, 2, 3) | | | | | | | |
|--|-----------------------|---------|---------|---------|---------|---------|----------|
| Includes: Health Solutions, Design and the Arts, and Nursing and Health Innovation ⁽⁵⁾ | | | | | | | |
| | ENROLLED HOURS | | | | | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 & Over |
| Resident Undergraduate Tuition | \$765 | \$1,530 | \$2,295 | \$3,060 | \$3,825 | \$4,590 | \$5,355 |
| Undergraduate College Fee 3 | 55 | 110 | 165 | 220 | 275 | 330 | 385 |
| Student-initiated Fee ⁽⁴⁾ | 156 | 156 | 156 | 156 | 156 | 156 | 314 |
| Total Resident Undergraduate Tuition and Fees | \$976 | \$1,796 | \$2,616 | \$3,436 | \$4,256 | \$5,076 | \$6,054 |

| UNDERGRADUATE COLLEGE FEE 4 ^(1, 2, 3) | | | | | | | |
|---|-----------------------|---------|---------|---------|---------|---------|----------|
| Includes: Journalism, Engineering ⁽⁵⁾, The College sciences, Thunderbird and Business | | | | | | | |
| | ENROLLED HOURS | | | | | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 & Over |
| Resident Undergraduate Tuition | \$765 | \$1,530 | \$2,295 | \$3,060 | \$3,825 | \$4,590 | \$5,355 |
| Undergraduate College Fee 4 | 75 | 150 | 225 | 300 | 375 | 450 | 525 |
| Student-initiated Fee ⁽⁴⁾ | 156 | 156 | 156 | 156 | 156 | 156 | 314 |
| Total Resident Undergraduate Tuition and Fees | \$996 | \$1,836 | \$2,676 | \$3,516 | \$4,356 | \$5,196 | \$6,194 |

⁽¹⁾ Undergraduate students with total credit hours in excess of the threshold established by the Arizona Legislature are required to pay tuition on these excess hours. For resident students, the excess hours tuition is \$153 per credit hour up to a maximum of \$1,071 for enrollment in 7 or more credit hours. Students should see students.asu.edu/tuition-surcharge [1] for additional information regarding the Undergraduate Excess Hours Tuition.

⁽²⁾ Students admitted to Barrett, the Honors College are assessed a \$1,000 honors fee each fall and spring semester in addition to the tuition and fees presented above.

(3) All amounts shown in the Tuition and Fees Schedules or in other University publications or webpages represent tuition and fees as currently approved for the 2020-2021 academic year. Arizona State University reserves the right to increase or modify tuition and fees without prior notice, upon approval by the Arizona Board of Regents. Students should note that all tuition amounts and fees are subject to change at any time for correction of errors and may be adjusted at a future date.

(4) ASU's student government leaders, on behalf of the students they represent, have sought and received ABOR approval for the Health and Wellness fee, Student Athletics fee, Student Programs fee, Student Services Facility fee and Recreation fee. Funding from these fees will be used to enrich the student experience. Included with the Student-initiated fee is the Financial Aid Trust fee as authorized by the Arizona Legislature to create a Financial Aid Trust Fund.

(5) The Edson College of Nursing and Health Innovation post-bac BSN, the Ira A. Fulton Schools of Engineering Professional Flight program, and the ASU-Draper University Entrepreneurship Incubator Program will continue to maintain a separate program or class fee.

Source URL: <https://catalog.asu.edu/tuitionandfees/fall20undergraddegreeprogallcampusresident>

Links:

[1] <https://students.asu.edu/tuition-surcharge>

General Tuition & Fees

Non-Resident Undergraduate Degree Program and Nondegree-seeking

All Campuses

| UNDERGRADUATE COLLEGE FEE 1 ^(1, 2, 3) | | | | | | | | | | | | |
|---|-----------------------|---------|---------|---------|---------|---------|---------|---------|----------|----------|----------|-----------|
| Includes: Education, New College humanities and social sciences, CISA humanities and social sciences | | | | | | | | | | | | |
| | ENROLLED HOURS | | | | | | | | | | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 & Over |
| Non-Resident Undergraduate Tuition | \$1,200 | \$2,400 | \$3,600 | \$4,800 | \$6,000 | \$7,200 | \$8,400 | \$9,600 | \$10,800 | \$12,000 | \$13,200 | \$14,400 |
| Undergraduate College Fee 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Student-initiated Fee ⁽⁴⁾ | 156 | 156 | 156 | 156 | 156 | 156 | 314 | 314 | 314 | 314 | 314 | 314 |
| Total Non-Resident Undergraduate Tuition and Fees | \$1,356 | \$2,556 | \$3,756 | \$4,956 | \$6,156 | \$7,356 | \$8,714 | \$9,914 | \$11,114 | \$12,314 | \$13,514 | \$14,714 |

UNDERGRADUATE COLLEGE FEE 2 (1, 2, 3)

Includes: The College humanities and social sciences, New College sciences, CISA sciences, Public Service and Community Solutions, and Global Futures

| | ENROLLED HOURS | | | | | | | | | | | |
|--|----------------|---------|---------|---------|---------|---------|---------|----------|----------|----------|----------|-----------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 & Over |
| Non-Resident Undergraduate Tuition | \$1,200 | \$2,400 | \$3,600 | \$4,800 | \$6,000 | \$7,200 | \$8,400 | \$9,600 | \$10,800 | \$12,000 | \$13,200 | \$14,400 |
| Undergraduate College Fee 2 | 15 | 30 | 45 | 60 | 75 | 90 | 105 | 120 | 135 | 150 | 165 | 180 |
| Student-initiated Fee ⁽⁴⁾ | 156 | 156 | 156 | 156 | 156 | 156 | 314 | 314 | 314 | 314 | 314 | 314 |
| Total Non-Resident Undergraduate Tuition and Fees | \$1,371 | \$2,586 | \$3,801 | \$5,016 | \$6,231 | \$7,447 | \$8,819 | \$10,034 | \$11,249 | \$12,464 | \$13,679 | \$14,894 |

UNDERGRADUATE COLLEGE FEE 3 (1, 2, 3)

Includes: Health Solutions, Design and the Arts, and Nursing and Health Innovation ⁽⁵⁾

| | ENROLLED HOURS | | | | | | | | | | | |
|--|----------------|---------|---------|---------|---------|---------|---------|----------|----------|----------|----------|-----------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 & Over |
| Non-Resident Undergraduate Tuition | \$1,200 | \$2,400 | \$3,600 | \$4,800 | \$6,000 | \$7,200 | \$8,400 | \$9,600 | \$10,800 | \$12,000 | \$13,200 | \$14,400 |
| Undergraduate College Fee 3 | 55 | 110 | 165 | 220 | 275 | 330 | 385 | 440 | 495 | 550 | 605 | 660 |
| Student-initiated Fee ⁽⁴⁾ | 156 | 156 | 156 | 156 | 156 | 156 | 314 | 314 | 314 | 314 | 314 | 314 |
| Total Non-Resident Undergraduate Tuition and Fees | \$1,411 | \$2,666 | \$3,921 | \$5,176 | \$6,431 | \$7,686 | \$9,099 | \$10,354 | \$11,609 | \$12,864 | \$14,119 | \$15,374 |

| UNDERGRADUATE COLLEGE FEE 4 ^(1, 2, 3) | | | | | | | | | | | | |
|---|-----------------------|---------|---------|---------|---------|---------|---------|----------|----------|----------|----------|-----------|
| Includes: Journalism, Engineering ⁽⁵⁾, The College sciences, Thunderbird and Business | | | | | | | | | | | | |
| | ENROLLED HOURS | | | | | | | | | | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 & Over |
| Non-Resident Undergraduate Tuition | \$1,200 | \$2,400 | \$3,600 | \$4,800 | \$6,000 | \$7,200 | \$8,400 | \$9,600 | \$10,800 | \$12,000 | \$13,200 | \$14,400 |
| Undergraduate College Fee 4 | 75 | 150 | 225 | 300 | 375 | 450 | 525 | 600 | 675 | 750 | 825 | 900 |
| Student-initiated Fee ⁽⁴⁾ | 156 | 156 | 156 | 156 | 156 | 156 | 314 | 314 | 314 | 314 | 314 | 314 |
| Total Non-Resident Undergraduate Tuition and Fees | \$1,431 | \$2,706 | \$3,981 | \$5,256 | \$6,531 | \$7,806 | \$9,239 | \$10,514 | \$11,789 | \$13,064 | \$14,339 | \$15,614 |

⁽¹⁾ Undergraduate students with total credit hours in excess of the threshold established by the Arizona Legislature are required to pay tuition on these excess hours. For non-resident students, the excess hours tuition is \$240 per credit hour up to a maximum of \$2,880 for enrollment in 12 or more credit hours. Students should see students.asu.edu/tuition-surcharge [1] for additional information regarding the Undergraduate Excess Hours Tuition.

⁽²⁾ Students admitted to Barrett, the Honors College are assessed a \$1,000 honors fee each fall and spring semester in addition to the tuition and fees presented above.

⁽³⁾ All amounts shown in the Tuition and Fees Schedules or in other University publications or webpages represent tuition and fees as currently approved for the 2020-2021 academic year. Arizona State University reserves the right to increase or modify tuition and fees without prior notice, upon approval by the Arizona Board of Regents. Students should note that all tuition amounts and fees are subject to change at any time for correction of errors and may be adjusted at a future date.

⁽⁴⁾ ASU's student government leaders, on behalf of the students they represent, have sought and received ABOR approval for the Health and Wellness fee, Student Athletics fee, Student Programs fee, Student Services Facility fee and Recreation fee. Funding from these fees will be used to enrich the student experience. Included with the Student-initiated fee is the Financial Aid Trust fee as authorized by the Arizona Legislature to create a Financial Aid Trust Fund.

⁽⁵⁾ The Edson College of Nursing and Health Innovation post-bac BSN, the Ira A. Fulton Schools of Engineering Professional Flight program, and the ASU-Draper University Entrepreneurship Incubator Program will continue to maintain a separate program or class fee.

Source URL: <https://catalog.asu.edu/tuitionandfees/fall20undergraddegreeprogallcampusnonresident>

Links:

[1] <https://students.asu.edu/tuition-surcharge>

General Tuition & Fees

International Undergraduate Degree Program and Nondegree-seeking

All Campuses

| UNDERGRADUATE COLLEGE FEE 1 (1, 2, 3) | | | | | | | | | | | | |
|---|-----------------------|---------|---------|---------|---------|---------|---------|----------|----------|----------|----------|-----------|
| Includes: Education, New College humanities and social sciences, CISA humanities and social sciences | | | | | | | | | | | | |
| | ENROLLED HOURS | | | | | | | | | | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 & Over |
| International Undergraduate Tuition | \$1,300 | \$2,600 | \$3,900 | \$5,200 | \$6,500 | \$7,800 | \$9,100 | \$10,400 | \$11,700 | \$13,000 | \$14,300 | \$15,600 |
| Undergraduate College Fee 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Student-initiated Fee (4) | 156 | 156 | 156 | 156 | 156 | 156 | 314 | 314 | 314 | 314 | 314 | 314 |
| Total International Undergraduate Tuition and Fees | \$1,456 | \$2,756 | \$4,056 | \$5,356 | \$6,656 | \$7,956 | \$9,414 | \$10,714 | \$12,014 | \$13,314 | \$14,614 | \$15,914 |

| UNDERGRADUATE COLLEGE FEE 2 (1, 2, 3) | | | | | | | | | | | | |
|--|-----------------------|---------|---------|---------|---------|---------|---------|----------|----------|----------|----------|-----------|
| Includes: The College humanities and social sciences, New College sciences, CISA sciences, Public Service and Community Solutions, and Global Futures | | | | | | | | | | | | |
| | ENROLLED HOURS | | | | | | | | | | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 & Over |
| International Undergraduate Tuition | \$1,300 | \$2,600 | \$3,900 | \$5,200 | \$6,500 | \$7,800 | \$9,100 | \$10,400 | \$11,700 | \$13,000 | \$14,300 | \$15,600 |
| Undergraduate College Fee 2 | 15 | 30 | 45 | 60 | 75 | 90 | 105 | 120 | 135 | 150 | 165 | 180 |
| Student-initiated Fee (4) | 156 | 156 | 156 | 156 | 156 | 156 | 314 | 314 | 314 | 314 | 314 | 314 |
| Total International Undergraduate Tuition and Fees | \$1,471 | \$2,786 | \$4,101 | \$5,416 | \$6,731 | \$8,046 | \$9,519 | \$10,834 | \$12,149 | \$13,464 | \$14,779 | \$16,094 |

| UNDERGRADUATE COLLEGE FEE 3 (1, 2, 3) | | | | | | | | | | | | |
|---|-----------------------|---------|---------|---------|---------|---------|---------|----------|----------|----------|----------|-----------|
| Includes: Health Solutions, Design and the Arts, and Nursing and Health Innovation (5) | | | | | | | | | | | | |
| | ENROLLED HOURS | | | | | | | | | | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 & Over |
| International Undergraduate Tuition | \$1,300 | \$2,600 | \$3,900 | \$5,200 | \$6,500 | \$7,800 | \$9,100 | \$10,400 | \$11,700 | \$13,000 | \$14,300 | \$15,600 |
| Undergraduate College Fee 3 | 55 | 110 | 165 | 220 | 275 | 330 | 385 | 440 | 495 | 550 | 605 | 660 |
| Student-initiated Fee (4) | 156 | 156 | 156 | 156 | 156 | 156 | 314 | 314 | 314 | 314 | 314 | 314 |
| Total International Undergraduate Tuition and Fees | \$1,511 | \$2,866 | \$4,221 | \$5,576 | \$6,931 | \$8,286 | \$9,799 | \$11,154 | \$12,509 | \$13,864 | \$15,219 | \$16,574 |

| UNDERGRADUATE COLLEGE FEE 4 (1, 2, 3) | | | | | | | | | | | | |
|---|-----------------------|---------|---------|---------|---------|---------|---------|----------|----------|----------|----------|-----------|
| Includes: Journalism, Engineering (5), The College sciences, Thunderbird, and Business | | | | | | | | | | | | |
| | ENROLLED HOURS | | | | | | | | | | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 & Over |
| International Undergraduate Tuition | \$1,300 | \$2,600 | \$3,900 | \$5,200 | \$6,500 | \$7,800 | \$9,100 | \$10,400 | \$11,700 | \$13,000 | \$14,300 | \$15,600 |
| Undergraduate College Fee 4 | 75 | 150 | 225 | 300 | 375 | 450 | 525 | 600 | 675 | 750 | 825 | 900 |
| Student-initiated Fee (4) | 156 | 156 | 156 | 156 | 156 | 156 | 314 | 314 | 314 | 314 | 314 | 314 |
| Total International Undergraduate Tuition and Fees | \$1,531 | \$2,906 | \$4,281 | \$5,656 | \$7,031 | \$8,406 | \$9,939 | \$11,314 | \$12,689 | \$14,064 | \$15,439 | \$16,814 |

(1) Undergraduate students with total credit hours in excess of the threshold established by the Arizona Legislature are required to pay tuition on these excess hours. For non-resident students, the excess hours tuition is \$240 per credit hour

up to a maximum of \$2,880 for enrollment in 12 or more credit hours. Students should see students.asu.edu/tuition-surcharge for additional information regarding the Undergraduate Excess Hours Tuition.

(2) Students admitted to Barrett, the Honors College are assessed a \$1,000 honors fee each fall and spring semester in addition to the tuition and fees presented above.

(3) All amounts shown in the Tuition and Fees Schedules or in other University publications or webpages represent tuition and fees as currently proposed for the 2020-2021 academic year. Arizona State University reserves the right to increase or modify tuition and fees without prior notice, upon approval by the Arizona Board of Regents. Students should note that all tuition amounts and fees are subject to change at any time for correction of errors and may be adjusted at a future date.

(4) ASU's student government leaders, on behalf of the students they represent, have sought and received ABOR approval for the Health and Wellness fee, Student Athletics fee, Student Programs fee, Student Services Facility fee and Recreation fee. Funding from these fees will be used to enrich the student experience. Included with the Student-initiated fee is the Financial Aid Trust fee as authorized by the Arizona Legislature to create a Financial Aid Trust Fund.

(5) The Edson College of Nursing and Health Innovation post-bac BSN, the Ira A. Fulton Schools of Engineering professional flight program, and the ASU-Draper University Entrepreneurship Incubator Program will continue to maintain a separate program or class fee.

Source URL: <https://catalog.asu.edu/tuitionandfees/fall20international>

Links:

[1] <https://students.asu.edu/tuition-surcharge>

General Tuition & Fees

Resident Undergraduate Online Degree Program

*Online Campus

| UNDERGRADUATE COLLEGE FEE 1 ^(1, 2, 3, 4) | | | | | | | | | | | | | | | | | | |
|--|----------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Includes: Nursing BSN ⁽⁵⁾ and non-degree programs | | | | | | | | | | | | | | | | | | |
| | ENROLLED HOURS | | | | | | | | | | | | | | | | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| Resident Online Undergraduate Tuition | \$541 | \$1,082 | \$1,623 | \$2,164 | \$2,705 | \$3,246 | \$3,787 | \$4,328 | \$4,869 | \$5,355 | \$5,355 | \$5,355 | \$5,355 | \$5,355 | \$5,355 | \$5,355 | \$5,355 | \$5,355 |
| Undergraduate College Fee 1 | 20 | 40 | 60 | 80 | 100 | 120 | 140 | 160 | 180 | 200 | 220 | 240 | 260 | 280 | 300 | 320 | 340 | 360 |
| Student-initiated Fee ⁽⁶⁾ | 27 | 27 | 27 | 27 | 27 | 27 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 |
| Total Resident Online Undergraduate Tuition and Fees | \$588 | \$1,149 | \$1,710 | \$2,271 | \$2,832 | \$3,393 | \$3,981 | \$4,542 | \$5,103 | \$5,609 | \$5,629 | \$5,649 | \$5,669 | \$5,689 | \$5,709 | \$5,729 | \$5,749 | \$5,769 |

UNDERGRADUATE COLLEGE FEE 2 ^(1, 2, 3, 4)

Includes: CISA humanities and social sciences, The College humanities and social sciences, Design and the Arts, and New College humanities and social sciences

| | ENROLLED HOURS | | | | | | | | | | | | | | | | | |
|---|----------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| Resident Online Undergraduate Tuition | \$541 | \$1,082 | \$1,623 | \$2,164 | \$2,705 | \$3,246 | \$3,787 | \$4,328 | \$4,869 | \$5,355 | \$5,355 | \$5,355 | \$5,355 | \$5,355 | \$5,355 | \$5,355 | \$5,355 | \$5,355 |
| Undergraduate College Fee 2 | 40 | 80 | 120 | 160 | 200 | 240 | 280 | 320 | 360 | 400 | 440 | 480 | 520 | 560 | 600 | 640 | 680 | 720 |
| Student-initiated Fee ⁽⁶⁾ | 27 | 27 | 27 | 27 | 27 | 27 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 |
| Total Resident Online Undergraduate Tuition and Fees | \$608 | \$1,189 | \$1,770 | \$2,351 | \$2,932 | \$3,513 | \$4,121 | \$4,702 | \$5,283 | \$5,809 | \$5,849 | \$5,889 | \$5,929 | \$5,969 | \$6,009 | \$6,049 | \$6,089 | \$6,129 |

UNDERGRADUATE COLLEGE FEE 3 ^(1, 2, 3, 4)

Includes: CISA sciences, The College sciences, New College sciences, Education, Nursing and Health Innovation, Public Service and Community Solutions, and Global Futures

| | ENROLLED HOURS | | | | | | | | | | | | | | | | | |
|---|----------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| Resident Online Undergraduate Tuition | \$541 | \$1,082 | \$1,623 | \$2,164 | \$2,705 | \$3,246 | \$3,787 | \$4,328 | \$4,869 | \$5,355 | \$5,355 | \$5,355 | \$5,355 | \$5,355 | \$5,355 | \$5,355 | \$5,355 | \$5,355 |
| Undergraduate College Fee 3 | 60 | 120 | 180 | 240 | 300 | 360 | 420 | 480 | 540 | 600 | 660 | 720 | 780 | 840 | 900 | 960 | 1,020 | 1,080 |
| Student-initiated Fee ⁽⁶⁾ | 27 | 27 | 27 | 27 | 27 | 27 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 |
| Total Resident Online Undergraduate Tuition and Fees | \$628 | \$1,229 | \$1,830 | \$2,431 | \$3,032 | \$3,633 | \$4,261 | \$4,862 | \$5,463 | \$6,009 | \$6,069 | \$6,129 | \$6,189 | \$6,249 | \$6,309 | \$6,369 | \$6,429 | \$6,489 |

| UNDERGRADUATE COLLEGE FEE 4 (1, 2, 3, 4) | | | | | | | | | | | | | | | | | | |
|--|-----------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Includes: Health Solutions, Journalism, Engineering, Thunderbird and Business | | | | | | | | | | | | | | | | | | |
| | ENROLLED HOURS | | | | | | | | | | | | | | | | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| Resident Online Undergraduate Tuition | \$541 | \$1,082 | \$1,623 | \$2,164 | \$2,705 | \$3,246 | \$3,787 | \$4,328 | \$4,869 | \$5,355 | \$5,355 | \$5,355 | \$5,355 | \$5,355 | \$5,355 | \$5,355 | \$5,355 | \$5,355 |
| Undergraduate College Fee 4 | 120 | 240 | 360 | 480 | 600 | 720 | 840 | 960 | 1,080 | 1,200 | 1,320 | 1,440 | 1,560 | 1,680 | 1,800 | 1,920 | 2,040 | 2,160 |
| Student-initiated Fee ⁽⁶⁾ | 27 | 27 | 27 | 27 | 27 | 27 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 |
| Total Resident Online Undergraduate Tuition and Fees | \$688 | \$1,349 | \$2,010 | \$2,671 | \$3,332 | \$3,993 | \$4,681 | \$5,342 | \$6,003 | \$6,609 | \$6,729 | \$6,849 | \$6,969 | \$7,089 | \$7,209 | \$7,329 | \$7,449 | \$7,569 |

(1) Effective fall 2018, online tuition for resident students will be capped at 10 credit hours.

(2) Students admitted to Barrett, the Honors College are assessed a \$1,000 honors fee each fall and spring semester in addition to the tuition and fees presented above.

(3) Undergraduate students with total credit hours in excess of the threshold established by the Arizona Legislature are required to pay tuition on these excess hours. For online students, the excess hours tuition is \$108 per credit hour up to a maximum of \$1,296 for enrollment in 12 or more hours. Students should see [Undergraduate Excess Hours](#) [1] for additional information.

(4) All amounts shown in the Tuition and Fees Schedules or in other University publications or webpages represent tuition and fees as currently approved for the 2020-2021 academic year. Arizona State University reserves the right to increase or modify tuition and fees without prior notice, upon approval by the Arizona Board of Regents. Students should note that all tuition amounts and fees are subject to change at any time for correction of errors and may be adjusted at a future date.

(5) The College of Nursing and Health Innovation post-bac BSN, the Ira A. Fulton Schools of Engineering Professional Flight program, and the ASU-Draper University Entrepreneurship Incubator Program will continue to maintain a separate program or class fee.

(6) ASU's student government leaders, on behalf of the students they represent, have sought and received ABOR approval for the Health and Wellness fee, Student Athletics fee, Student Programs fee, Student Services Facility fee and Recreation fee. Funding from these fees will be used to enrich the student experience. Included with the Student-initiated fee is the Financial Aid Trust fee as authorized by the Arizona Legislature to create a Financial Aid Trust Fund.

Source URL: <https://catalog.asu.edu/tuitionandfees/Fall20UndergradOnlineResident>

Links:

[1] <https://students.asu.edu/tuition-surcharge>

General Tuition & Fees

Non-Resident Undergraduate Online Degree Program

*Online Campus

| UNDERGRADUATE COLLEGE FEE 1 (1, 2, 3, 4) | | | | | | | | | | | | | | | | | | |
|---|-----------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Includes: Nursing BSN ⁽⁵⁾ and non-degree programs | | | | | | | | | | | | | | | | | | |
| | ENROLLED HOURS | | | | | | | | | | | | | | | | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| Non-Resident Online Undergraduate Tuition | \$541 | \$1,082 | \$1,623 | \$2,164 | \$2,705 | \$3,246 | \$3,787 | \$4,328 | \$4,869 | \$5,410 | \$5,951 | \$6,492 | \$7,033 | \$7,574 | \$8,115 | \$8,656 | \$9,197 | \$9,738 |
| Undergraduate College Fee 1 | 20 | 40 | 60 | 80 | 100 | 120 | 140 | 160 | 180 | 200 | 220 | 240 | 260 | 280 | 300 | 320 | 340 | 360 |
| Student-initiated Fee ⁽⁶⁾ | 27 | 27 | 27 | 27 | 27 | 27 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 |
| Total Non-Resident Online Undergraduate Tuition and Fees | \$588 | \$1,149 | \$1,710 | \$2,271 | \$2,832 | \$3,393 | \$3,981 | \$4,542 | \$5,103 | \$5,609 | \$5,629 | \$5,649 | \$5,669 | \$5,689 | \$5,709 | \$5,729 | \$5,749 | \$5,769 |

| UNDERGRADUATE COLLEGE FEE 2 (1, 2, 3, 4) | | | | | | | | | | | | | | | | | | |
|---|-----------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|
| Includes: CISA humanities and social sciences, The College humanities and social sciences, Design and the Arts, New College humanities and social sciences | | | | | | | | | | | | | | | | | | |
| | ENROLLED HOURS | | | | | | | | | | | | | | | | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| Non-Resident Online Undergraduate Tuition | \$541 | \$1,082 | \$1,623 | \$2,164 | \$2,705 | \$3,246 | \$3,787 | \$4,328 | \$4,869 | \$5,410 | \$5,951 | \$6,492 | \$7,033 | \$7,574 | \$8,115 | \$8,656 | \$9,197 | \$9,738 |
| Undergraduate College Fee 2 | 40 | 80 | 120 | 160 | 200 | 240 | 280 | 320 | 360 | 400 | 440 | 480 | 520 | 560 | 600 | 640 | 680 | 720 |
| Student-initiated Fee ⁽⁶⁾ | 27 | 27 | 27 | 27 | 27 | 27 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 |
| Total Non-Resident Online Undergraduate Tuition and Fees | \$608 | \$1,189 | \$1,770 | \$2,351 | \$2,932 | \$3,513 | \$4,121 | \$4,702 | \$5,283 | \$5,864 | \$6,445 | \$7,026 | \$7,607 | \$8,188 | \$8,769 | \$9,350 | \$9,931 | \$10,512 |

UNDERGRADUATE COLLEGE FEE 3 (1, 2, 3, 4)

Includes: CISA sciences, The College sciences, New College sciences, Education, Nursing and Health Innovation, Public Service and Community Solutions, and Global Futures

| | ENROLLED HOURS | | | | | | | | | | | | | | | | | |
|---|----------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|----------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| Non-Resident Online Undergraduate Tuition | \$541 | \$1,082 | \$1,623 | \$2,164 | \$2,705 | \$3,246 | \$3,787 | \$4,328 | \$4,869 | \$5,410 | \$5,951 | \$6,492 | \$7,033 | \$7,574 | \$8,115 | \$8,656 | \$9,197 | \$9,738 |
| Undergraduate College Fee 3 | 60 | 120 | 180 | 240 | 300 | 360 | 420 | 480 | 540 | 600 | 660 | 720 | 780 | 840 | 900 | 960 | 1,020 | 1,080 |
| Student-initiated Fee ⁽⁶⁾ | 27 | 27 | 27 | 27 | 27 | 27 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 |
| Total Non-Resident Online Undergraduate Tuition and Fees | \$628 | \$1,229 | \$1,830 | \$2,431 | \$3,032 | \$3,633 | \$4,261 | \$4,862 | \$5,463 | \$6,064 | \$6,665 | \$7,266 | \$7,867 | \$8,468 | \$9,069 | \$9,670 | \$10,271 | \$10,872 |

UNDERGRADUATE COLLEGE FEE 4 (1, 2, 3, 4)

Includes: Health Solutions, Journalism, Engineering, Thunderbird and Business

| | ENROLLED HOURS | | | | | | | | | | | | | | | | | |
|---|----------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|----------|----------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| Non-Resident Online Undergraduate Tuition | \$541 | \$1,082 | \$1,623 | \$2,164 | \$2,705 | \$3,246 | \$3,787 | \$4,328 | \$4,869 | \$5,410 | \$5,951 | \$6,492 | \$7,033 | \$7,574 | \$8,115 | \$8,656 | \$9,197 | \$9,738 |
| Undergraduate College Fee 4 | 120 | 240 | 360 | 480 | 600 | 720 | 840 | 960 | 1,080 | 1,200 | 1,320 | 1,440 | 1,560 | 1,680 | 1,800 | 1,920 | 2,040 | 2,160 |
| Student-initiated Fee ⁽⁶⁾ | 27 | 27 | 27 | 27 | 27 | 27 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 |
| Total Non-Resident Online Undergraduate Tuition and Fees | \$688 | \$1,349 | \$2,010 | \$2,671 | \$3,332 | \$3,993 | \$4,681 | \$5,342 | \$6,003 | \$6,664 | \$7,325 | \$7,986 | \$8,647 | \$9,308 | \$9,969 | \$10,630 | \$11,291 | \$11,952 |

(1) Online tuition for non-resident students is billed per credit hour with no cap.

(2) Students admitted to Barrett, the Honors College are assessed a \$1,000 honors fee each fall and spring semester in addition to the tuition and fees presented above.

(3) Undergraduate students with total credit hours in excess of the threshold established by the Arizona Legislature are required to pay tuition on these excess hours. For online students, the excess hours tuition is \$108 per credit hour up to a maximum of \$1,296 for enrollment in 12 or more hours. Students should see [Undergraduate Excess hours](#) [1] for additional information.

⁽⁴⁾ All amounts shown in the Tuition and Fees Schedules or in other University publications or webpages represent tuition and fees as currently approved for the 2020-2021 academic year. Arizona State University reserves the right to increase or modify tuition and fees without prior notice, upon approval by the Arizona Board of Regents. Students should note that all tuition amounts and fees are subject to change at any time for correction of errors and may be adjusted at a future date.

⁽⁵⁾ The College of Nursing and Health Innovation post-bac BSN, the Ira A. Fulton Schools of Engineering Professional Flight program, and the ASU-Draper University Entrepreneurship Incubator Program will continue to maintain a separate program or class fee.

⁽⁶⁾ ASU's student government leaders, on behalf of the students they represent, have sought and received ABOR approval for the Health and Wellness fee, Student Athletics fee, Student Programs fee, Student Services Facility fee and Recreation fee. Funding from these fees is used to enrich the student experience. Included with the Student-initiated fee is the Financial Aid Trust fee as authorized by the Arizona Legislature to create a Financial Aid Trust Fund.

Source URL: <https://catalog.asu.edu/tuitionandfees/Fall20UndergradOnlineNonResident>

Links:

[1] <https://students.asu.edu/tuition-surcharge>

General Tuition & Fees

Resident Undergraduate Degree Program

Rural Community College-based Programs

| UNDERGRADUATE COLLEGE FEE 1 ^(1, 2, 3) | | | | | | | | | | | | |
|--|----------------|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-----------|
| Includes: Education, New College humanities and social sciences, CISA humanities and social sciences | | | | | | | | | | | | |
| | ENROLLED HOURS | | | | | | | | | | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 & Over |
| Resident Undergraduate Tuition | \$395 | \$677 | \$959 | \$1,241 | \$1,523 | \$1,805 | \$2,087 | \$2,369 | \$2,651 | \$2,933 | \$3,213 | \$3,213 |
| Undergraduate College Fee 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Student-initiated Fee ⁽⁴⁾ | 42 | 42 | 42 | 42 | 42 | 42 | 84 | 84 | 84 | 84 | 84 | 84 |
| Total Resident Undergraduate Tuition and Fees | \$437 | \$719 | \$1,001 | \$1,283 | \$1,565 | \$1,847 | \$2,171 | \$2,453 | \$2,735 | \$3,017 | \$3,297 | \$3,297 |

UNDERGRADUATE COLLEGE FEE 2 (1, 2, 3)

Includes: The College humanities and social sciences, New College sciences, CISA sciences, Public Service and Community Solutions, and Global Futures

| | ENROLLED HOURS | | | | | | | | | | | |
|--|----------------|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-----------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 & Over |
| Resident Undergraduate Tuition | \$395 | \$677 | \$959 | \$1,241 | \$1,523 | \$1,805 | \$2,087 | \$2,369 | \$2,651 | \$2,933 | \$3,213 | \$3,213 |
| Undergraduate College Fee 2 | 15 | 30 | 45 | 60 | 75 | 90 | 105 | 120 | 135 | 150 | 165 | 180 |
| Student-initiated Fee ⁽⁴⁾ | 42 | 42 | 42 | 42 | 42 | 42 | 84 | 84 | 84 | 84 | 84 | 84 |
| Total Resident Undergraduate Tuition and Fees | \$452 | \$749 | \$1,046 | \$1,343 | \$1,640 | \$1,937 | \$2,276 | \$2,573 | \$2,870 | \$3,167 | \$3,462 | \$3,477 |

UNDERGRADUATE COLLEGE FEE 3 (1, 2, 3)

Includes: Health Solutions, Design and the Arts, and Nursing and Health Innovation ⁽⁵⁾

| | ENROLLED HOURS | | | | | | | | | | | |
|--|----------------|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-----------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 & Over |
| Resident Undergraduate Tuition | \$395 | \$677 | \$959 | \$1,241 | \$1,523 | \$1,805 | \$2,087 | \$2,369 | \$2,651 | \$2,933 | \$3,213 | \$3,213 |
| Undergraduate College Fee 3 | 55 | 110 | 165 | 220 | 275 | 330 | 385 | 440 | 495 | 550 | 605 | 660 |
| Student-initiated Fee ⁽⁴⁾ | 42 | 42 | 42 | 42 | 42 | 42 | 84 | 84 | 84 | 84 | 84 | 84 |
| Total Resident Undergraduate Tuition and Fees | \$492 | \$829 | \$1,166 | \$1,503 | \$1,840 | \$2,177 | \$2,556 | \$2,893 | \$3,230 | \$3,567 | \$3,902 | \$3,957 |

| UNDERGRADUATE COLLEGE FEE 4 (1, 2, 3) | | | | | | | | | | | | |
|--|-----------------------|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-----------|
| Includes: Journalism, Engineering, The College sciences, Thunderbird and Business | | | | | | | | | | | | |
| | ENROLLED HOURS | | | | | | | | | | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 & Over |
| Resident Undergraduate Tuition | \$395 | \$677 | \$959 | \$1,241 | \$1,523 | \$1,805 | \$2,087 | \$2,369 | \$2,651 | \$2,933 | \$3,213 | \$3,213 |
| Undergraduate College Fee 4 | 75 | 150 | 225 | 300 | 375 | 450 | 525 | 600 | 675 | 750 | 825 | 900 |
| Student-initiated Fee (4) | 42 | 42 | 42 | 42 | 42 | 42 | 84 | 84 | 84 | 84 | 84 | 84 |
| Total Resident Undergraduate Tuition and Fees | \$512 | \$869 | \$1,226 | \$1,583 | \$1,940 | \$2,297 | \$2,696 | \$3,053 | \$3,410 | \$3,767 | \$4,122 | \$4,197 |

* The Rural Community College-based Program rate pertains to community college locations based outside Maricopa and Pima counties.

(1) Undergraduate students with total credit hours in excess of the threshold established by the Arizona Legislature are required to pay tuition on these excess hours. For resident students, the excess hours tuition is \$153 per credit hour up to a maximum of \$1,071 for enrollment in 7 or more credit hours. Students should see students.asu.edu/tuition-surcharge [1] for additional information regarding the Undergraduate Excess Hours Tuition.

(2) Students admitted to Barrett, the Honors College are assessed a \$1,000 honors fee each fall and spring semester in addition to the tuition and fees presented above.

(3) All amounts shown in the Tuition and Fees Schedules or in other University publications or webpages represent tuition and fees as currently approved for 2020-2021. Arizona State University reserves the right to increase or modify tuition and fees without prior notice, upon approval by the Arizona Board of Regents. Students should note that all tuition amounts and fees are subject to change at any time for correction of errors and may be adjusted at a future date.

(4) ASU's student government leaders, on behalf of the students they represent, have sought and received ABOR approval for the Health and Wellness fee, Student Athletics fee, Student Programs fee, Student Services Facility fee, and Recreation fee. Funding from these fees will be used to enrich the student experience. Included with the Student Initiated Fee is the Financial Aid Trust fee as authorized by the Arizona Legislature to create a Financial Aid Trust Fund.

(5) The Edson College of Nursing and Health Innovation post-bac BSN, the Ira A. Fulton Schools of Engineering Professional Flight program, and the ASU-Draper University Entrepreneurship Incubator Program will continue to maintain a separate program or class fee.

Source URL: <https://catalog.asu.edu/tuitionandfees/fall20undergradcommunitycollegebaseddegreepro>

Links:

[1] <https://students.asu.edu/tuition-surcharge>

General Tuition & Fees

Resident Undergraduate Degree Program

ASU @ Lake Havasu

| UNDERGRADUATE COLLEGE FEE 1 ^(1, 2, 3) | | | | | | | | | | | | |
|---|-----------------------|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-----------|
| Includes: Education, New College humanities and social sciences, CISA humanities and social sciences | | | | | | | | | | | | |
| | ENROLLED HOURS | | | | | | | | | | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 & Over |
| Resident Undergraduate Tuition | \$395 | \$677 | \$959 | \$1,241 | \$1,523 | \$1,805 | \$2,087 | \$2,369 | \$2,651 | \$2,933 | \$3,213 | \$3,213 |
| Undergraduate College Fee 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Student-initiated Fee ⁽⁴⁾ | 42 | 42 | 42 | 42 | 42 | 42 | 84 | 84 | 84 | 84 | 84 | 84 |
| Total Resident Undergraduate Tuition and Fees | \$437 | \$719 | \$1,001 | \$1,283 | \$1,565 | \$1,847 | \$2,171 | \$2,453 | \$2,735 | \$3,017 | \$3,297 | \$3,297 |

| UNDERGRADUATE COLLEGE FEE 2 ^(1, 2, 3) | | | | | | | | | | | | |
|--|-----------------------|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-----------|
| Includes: The College humanities and social sciences, New College sciences, CISA sciences, Public Service and Community Solutions, and Global Futures | | | | | | | | | | | | |
| | ENROLLED HOURS | | | | | | | | | | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 & Over |
| Resident Undergraduate Tuition | \$395 | \$677 | \$959 | \$1,241 | \$1,523 | \$1,805 | \$2,087 | \$2,369 | \$2,651 | \$2,933 | \$3,213 | \$3,213 |
| Undergraduate College Fee 2 | 15 | 30 | 45 | 60 | 75 | 90 | 105 | 105 | 105 | 105 | 105 | 105 |
| Student-initiated Fee ⁽⁴⁾ | 42 | 42 | 42 | 42 | 42 | 42 | 84 | 84 | 84 | 84 | 84 | 84 |
| Total Resident Undergraduate Tuition and Fees | \$452 | \$749 | \$1,046 | \$1,343 | \$1,640 | \$1,937 | \$2,276 | \$2,558 | \$2,840 | \$3,122 | \$3,402 | \$3,402 |

| UNDERGRADUATE COLLEGE FEE 3 ^(1, 2, 3) | | | | | | | | | | | | |
|---|-----------------------|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-----------|
| Includes: Health Solutions, Design and the Arts, and Nursing and Health Innovation | | | | | | | | | | | | |
| | ENROLLED HOURS | | | | | | | | | | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 & Over |
| Resident Undergraduate Tuition | \$395 | \$677 | \$959 | \$1,241 | \$1,523 | \$1,805 | \$2,087 | \$2,369 | \$2,651 | \$2,933 | \$3,213 | \$3,213 |
| Undergraduate College Fee 3 | 55 | 110 | 165 | 220 | 275 | 330 | 385 | 385 | 385 | 385 | 385 | 385 |
| Student-initiated Fee ⁽⁴⁾ | 42 | 42 | 42 | 42 | 42 | 42 | 84 | 84 | 84 | 84 | 84 | 84 |
| Total Resident Undergraduate Tuition and Fees | \$492 | \$829 | \$1,166 | \$1,503 | \$1,840 | \$2,177 | \$2,556 | \$2,838 | \$3,120 | \$3,402 | \$3,682 | \$3,682 |

| UNDERGRADUATE COLLEGE FEE 4 ^(1, 2, 3) | | | | | | | | | | | | |
|--|-----------------------|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-----------|
| Includes: Journalism, Engineering, The College sciences, Thunderbird and Business | | | | | | | | | | | | |
| | ENROLLED HOURS | | | | | | | | | | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 & Over |
| Resident Undergraduate Tuition | \$395 | \$677 | \$959 | \$1,241 | \$1,523 | \$1,805 | \$2,087 | \$2,369 | \$2,651 | \$2,933 | \$3,213 | \$3,213 |
| Undergraduate College Fee 4 | 75 | 150 | 225 | 300 | 375 | 450 | 525 | 525 | 525 | 525 | 525 | 525 |
| Student-initiated Fee ⁽⁴⁾ | 42 | 42 | 42 | 42 | 42 | 42 | 84 | 84 | 84 | 84 | 84 | 84 |
| Total Resident Undergraduate Tuition and Fees | \$512 | \$869 | \$1,226 | \$1,583 | \$1,940 | \$2,297 | \$2,696 | \$2,978 | \$3,260 | \$3,542 | \$3,822 | \$3,822 |

⁽¹⁾ Undergraduate students with total credit hours in excess of the threshold established by the Arizona Legislature are required to pay tuition on these excess hours. For resident students, the excess hours tuition is \$153 per credit hour up to a maximum of \$1,071 for enrollment in 7 or more credit hours. Students should see students.asu.edu/tuition-surcharge [1] for additional information regarding the Undergraduate Excess Hours Tuition.

⁽²⁾ Students admitted to Barrett, the Honors College are assessed a \$1,000 honors fee each fall and spring semester in addition to the tuition and fees presented above.

(3) All amounts shown in the Tuition and Fees Schedules or in other University publications or webpages represent tuition and fees as currently approved for 2020-2021. Arizona State University reserves the right to increase or modify tuition and fees without prior notice, upon approval by the Arizona Board of Regents. Students should note that all tuition amounts and fees are subject to change at any time for correction of errors and may be adjusted at a future date.

(4) ASU's student government leaders, on behalf of the students they represent, have sought and received ABOR approval for the Health and Wellness fee, Student Athletics fee, Student Programs fee, Student Services Facility fee, and Recreation fee. Funding from these fees will be used to enrich the student experience. Included with the Student-initiated fee is the Financial Aid Trust fee as authorized by the Arizona Legislature to create a Financial Aid Trust Fund.

(5) The College of Nursing and Health Innovation post-bac BSN, the Ira A. Fulton Schools of Engineering Professional Flight program, and the ASU-Draper University Entrepreneurship Incubator Program will continue to maintain a separate program or class fee.

Source URL: <https://catalog.asu.edu/tuitionandfees/fall20undergradLHCdegreeproresident>

Links:

[1] <https://students.asu.edu/tuition-surcharge>

General Tuition & Fees

Non-Resident Undergraduate Degree Program

ASU @ Lake Havasu

| UNDERGRADUATE COLLEGE FEE 1 ^(1, 2, 3) | | | | | | | | | | | | |
|---|-----------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-----------|
| Includes: Education, New College humanities and social sciences, CISA humanities and social sciences | | | | | | | | | | | | |
| | ENROLLED HOURS | | | | | | | | | | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 & Over |
| Non-Resident Undergraduate Tuition | \$591 | \$1,011 | \$1,431 | \$1,851 | \$2,271 | \$2,691 | \$3,111 | \$3,531 | \$3,951 | \$4,371 | \$4,791 | \$5,184 |
| Undergraduate College Fee 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Student-initiated Fee ⁽⁴⁾ | 42 | 42 | 42 | 42 | 42 | 42 | 84 | 84 | 84 | 84 | 84 | 84 |
| Total Non-Resident Undergraduate Tuition and Fees | \$633 | \$1,053 | \$1,473 | \$1,893 | \$2,313 | \$2,733 | \$3,195 | \$3,615 | \$4,035 | \$4,455 | \$4,875 | \$5,268 |

UNDERGRADUATE COLLEGE FEE 2 (1, 2, 3)**Includes: The College humanities and social sciences, New College sciences, CISA sciences, Public Service and Community Solutions, and Global Futures**

| | ENROLLED HOURS | | | | | | | | | | | |
|--|----------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-----------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 & Over |
| Non-Resident Undergraduate Tuition | \$591 | \$1,011 | \$1,431 | \$1,851 | \$2,271 | \$2,691 | \$3,111 | \$3,531 | \$3,951 | \$4,371 | \$4,791 | \$5,184 |
| Undergraduate College Fee 2 | 15 | 30 | 45 | 60 | 75 | 90 | 105 | 120 | 135 | 150 | 165 | 180 |
| Student-initiated Fee ⁽⁴⁾ | 42 | 42 | 42 | 42 | 42 | 42 | 84 | 84 | 84 | 84 | 84 | 84 |
| Total Non-Resident Undergraduate Tuition and Fees | \$648 | \$1,083 | \$1,518 | \$1,953 | \$2,388 | \$2,823 | \$3,300 | \$3,735 | \$4,170 | \$4,605 | \$5,040 | \$5,448 |

UNDERGRADUATE COLLEGE FEE 3 (1, 2, 3)**Includes: Health Solutions, Design and the Arts, and Nursing and Health Innovation**

| | ENROLLED HOURS | | | | | | | | | | | |
|--|----------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-----------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 & Over |
| Non-Resident Undergraduate Tuition | \$591 | \$1,011 | \$1,431 | \$1,851 | \$2,271 | \$2,691 | \$3,111 | \$3,531 | \$3,951 | \$4,371 | \$4,791 | \$5,184 |
| Undergraduate College Fee 3 | 55 | 110 | 165 | 220 | 275 | 330 | 385 | 440 | 495 | 550 | 605 | 660 |
| Student-initiated Fee ⁽⁴⁾ | 42 | 42 | 42 | 42 | 42 | 42 | 84 | 84 | 84 | 84 | 84 | 84 |
| Total Non-Resident Undergraduate Tuition and Fees | \$688 | \$1,163 | \$1,638 | \$2,113 | \$2,588 | \$3,063 | \$3,580 | \$4,055 | \$4,530 | \$5,005 | \$5,480 | \$5,928 |

| UNDERGRADUATE COLLEGE FEE 4 (1, 2, 3) | | | | | | | | | | | | |
|--|-----------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-----------|
| Includes: Journalism, Engineering, The College sciences, Thunderbird and Business | | | | | | | | | | | | |
| | ENROLLED HOURS | | | | | | | | | | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 & Over |
| Non-Resident Undergraduate Tuition | \$591 | \$1,011 | \$1,431 | \$1,851 | \$2,271 | \$2,691 | \$3,111 | \$3,531 | \$3,951 | \$4,371 | \$4,791 | \$5,184 |
| Undergraduate College Fee 4 | 75 | 150 | 225 | 300 | 375 | 450 | 525 | 600 | 675 | 750 | 825 | 900 |
| Student-initiated Fee (4) | 42 | 42 | 42 | 42 | 42 | 42 | 84 | 84 | 84 | 84 | 84 | 84 |
| Total Non-Resident Undergraduate Tuition and Fees | \$708 | \$1,203 | \$1,698 | \$2,193 | \$2,688 | \$3,183 | \$3,720 | \$4,215 | \$4,710 | \$5,205 | \$5,700 | \$6,168 |

(1) Undergraduate students with total credit hours in excess of the threshold established by the Arizona Legislature are required to pay tuition on these excess hours. For non-resident students, the excess hours tuition is \$240 per credit hour up to a maximum of \$2,880 for enrollment in 12 or more credit hours. Students should see students.asu.edu/tuition-surcharge [1] for additional information regarding the Undergraduate Excess Hours Tuition.

(2) Students admitted to Barrett, the Honors College are assessed a \$1,000 honors fee each fall and spring semester in addition to the tuition and fees presented above.

(3) All amounts shown in the Tuition and Fees Schedules or in other University publications or webpages represent tuition and fees as currently approved for 2020-2021. Arizona State University reserves the right to increase or modify tuition and fees without prior notice, upon approval by the Arizona Board of Regents. Students should note that all tuition amounts and fees are subject to change at any time for correction of errors and may be adjusted at a future date.

(4) ASU's student government leaders, on behalf of the students they represent, have sought and received ABOR approval for the Health and Wellness fee, Student Athletics fee, Student Programs fee, Student Services Facility fee, and Recreation fee. Funding from these fees will be used to enrich the student experience. Included with the Student-initiated fee is the Financial Aid Trust fee as authorized by the Arizona Legislature to create a Financial Aid Trust Fund.

(5) The College of Nursing and Health Innovation post-bac BSN, the Ira A. Fulton Schools of Engineering Professional Flight program, and the ASU-Draper University Entrepreneurship Incubator Program will continue to maintain a separate program or class fee.

Source URL: <https://catalog.asu.edu/tuitionandfees/fall20undergradLHCdegreeprononresident>

Links:

[1] <https://students.asu.edu/tuition-surcharge>

General Tuition & Fees

Resident Undergraduate Degree Program

The Polytechnic School, Freshmen and Sophomores*

| UNDERGRADUATE COLLEGE FEE 1 | | | | | | | |
|---|-----------------------|---------|---------|---------|---------|---------|----------|
| Includes: Education, New College humanities and social sciences, CISA humanities and social sciences | | | | | | | |
| | ENROLLED HOURS | | | | | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 & Over |
| Resident Undergraduate Tuition | \$689 | \$1,378 | \$2,067 | \$2,756 | \$3,445 | \$4,134 | \$4,820 |
| Undergraduate College Fee 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Student-initiated Fee ⁽⁵⁾ | 156 | 156 | 156 | 156 | 156 | 156 | 314 |
| Total Resident Undergraduate Tuition and Fees | \$845 | \$1,534 | \$2,223 | \$2,912 | \$3,601 | \$4,290 | \$5,134 |

| UNDERGRADUATE COLLEGE FEE 2 | | | | | | | |
|--|-----------------------|---------|---------|---------|---------|---------|----------|
| Includes: The College humanities and social sciences, New College sciences, CISA sciences, Public Service and Community Solutions, and Global Futures | | | | | | | |
| | ENROLLED HOURS | | | | | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 & Over |
| Resident Undergraduate Tuition | \$689 | \$1,378 | \$2,067 | \$2,756 | \$3,445 | \$4,134 | \$4,820 |
| Undergraduate College Fee 2 | 15 | 30 | 45 | 60 | 75 | 90 | 105 |
| Student-initiated Fee ⁽⁵⁾ | 156 | 156 | 156 | 156 | 156 | 156 | 314 |
| Total Resident Undergraduate Tuition and Fees | \$860 | \$1,564 | \$2,268 | \$2,972 | \$3,676 | \$4,380 | \$5,239 |

| UNDERGRADUATE COLLEGE FEE 3 | | | | | | | |
|---|-----------------------|---------|---------|---------|---------|---------|----------|
| Includes: Health Solutions, Design and the Arts, and Nursing and Health Innovation | | | | | | | |
| | ENROLLED HOURS | | | | | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 & Over |
| Resident Undergraduate Tuition | \$689 | \$1,378 | \$2,067 | \$2,756 | \$3,445 | \$4,134 | \$4,820 |
| Undergraduate College Fee 3 | 55 | 110 | 165 | 220 | 275 | 330 | 385 |
| Student-initiated Fee ⁽⁵⁾ | 156 | 156 | 156 | 156 | 156 | 156 | 314 |
| Total Resident Undergraduate Tuition and Fees | \$900 | \$1,644 | \$2,388 | \$3,132 | \$3,876 | \$4,620 | \$5,519 |

| UNDERGRADUATE COLLEGE FEE 4 ^(1, 2, 3) | | | | | | | |
|---|-----------------------|---------|---------|---------|---------|---------|----------|
| Includes: Journalism, Engineering ⁽⁴⁾, The College sciences, Thunderbird and Business | | | | | | | |
| | ENROLLED HOURS | | | | | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 & Over |
| Resident Undergraduate Tuition | \$689 | \$1,378 | \$2,067 | \$2,756 | \$3,445 | \$4,134 | \$4,820 |
| Undergraduate College Fee 4 | 75 | 150 | 225 | 300 | 375 | 450 | 525 |
| Student-initiated Fee ⁽⁵⁾ | 156 | 156 | 156 | 156 | 156 | 156 | 314 |
| Total Resident Undergraduate Tuition and Fees | \$920 | \$1,684 | \$2,448 | \$3,212 | \$3,976 | \$4,740 | \$5,659 |

*Undergraduate Freshmen and Sophomores in the Polytechnic School are eligible to receive a 10% reduction in base tuition. In order to receive this discount, students must take all classes at the campus of their major. The discount is not affected by enrollment in iCourses.

⁽¹⁾ Undergraduate students with total credit hours in excess of the threshold established by the Arizona Legislature are required to pay tuition on these excess hours. For resident students, the excess hours tuition is \$153 per credit hour up to a maximum of \$1,071 for enrollment in 7 or more credit hours. Students should see students.asu.edu/tuition-surcharge [1] for additional information regarding the Undergraduate Excess Hours Tuition.

(2) Students admitted to Barrett, the Honors College are assessed a \$1,000 honors fee each fall and spring semester in addition to the tuition and fees presented above.

(3) All amounts shown in the Tuition and Fees Schedules or in other University publications or webpages represent tuition and fees as currently approved for the 2020-2021 academic year. Arizona State University reserves the right to increase or modify tuition and fees without prior notice, upon approval by the Arizona Board of Regents. Students should note that all tuition amounts and fees are subject to change at any time for correction of errors and may be adjusted at a future date.

(4) The College of Nursing and Health Innovation post-bac BSN, the Ira A. Fulton Schools of Engineering Professional Flight program, and the ASU-Draper University Entrepreneurship Incubator Program will continue to maintain a separate program or class fee.

(5) ASU's student government leaders, on behalf of the students they represent, have sought and received ABOR approval for the Health and Wellness fee, Student Athletics fee, Student Programs fee, Student Services Facility fee, and Recreation fee. Funding from these fees will be used to enrich the student experience. Included with the Student-initiated fee is the Financial Aid Trust fee as authorized by the Arizona Legislature to create a Financial Aid Trust Fund.

Source URL: <https://catalog.asu.edu/tuitionandfees/fall20undergradpolyugtsfreshsophresident>

Links:

[1] <https://students.asu.edu/tuition-surcharge>

General Tuition & Fees

Non-Resident Undergraduate Degree Program

The Polytechnic School, Freshmen and Sophomores*

| UNDERGRADUATE COLLEGE FEE 1 | | | | | | | | | | | | |
|--|----------------|---------|---------|---------|---------|---------|---------|---------|----------|----------|----------|-----------|
| Includes: Education, New College humanities and social sciences, CISA humanities and social sciences | | | | | | | | | | | | |
| | ENROLLED HOURS | | | | | | | | | | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 & Over |
| Non-Resident Undergraduate Tuition | \$1,080 | \$2,160 | \$3,240 | \$4,320 | \$5,400 | \$6,480 | \$7,560 | \$8,640 | \$9,720 | \$10,800 | \$11,880 | \$12,960 |
| Undergraduate College Fee 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Student-initiated Fee ⁽⁵⁾ | 156 | 156 | 156 | 156 | 156 | 156 | 314 | 314 | 314 | 314 | 314 | 314 |
| Total Non-Resident Undergraduate Tuition and Fees | \$1,236 | \$2,316 | \$3,396 | \$4,476 | \$5,556 | \$6,636 | \$7,874 | \$8,954 | \$10,034 | \$11,114 | \$12,194 | \$13,274 |

UNDERGRADUATE COLLEGE FEE 2

Includes: The College humanities and social sciences, New College sciences, CISA sciences, Public Service and Community Solutions, and Global Futures

| | ENROLLED HOURS | | | | | | | | | | | |
|--|----------------|---------|---------|---------|---------|---------|---------|---------|----------|----------|----------|-----------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 & Over |
| Non-Resident Undergraduate Tuition | \$1,080 | \$2,160 | \$3,240 | \$4,320 | \$5,400 | \$6,480 | \$7,560 | \$8,640 | \$9,720 | \$10,800 | \$11,880 | \$12,960 |
| Undergraduate College Fee 2 | 15 | 30 | 45 | 60 | 75 | 90 | 105 | 120 | 135 | 150 | 165 | 180 |
| Student-initiated Fee ⁽⁵⁾ | 156 | 156 | 156 | 156 | 156 | 156 | 314 | 314 | 314 | 314 | 314 | 314 |
| Total Non-Resident Undergraduate Tuition and Fees | \$1,251 | \$2,346 | \$3,441 | \$4,536 | \$5,631 | \$6,726 | \$7,979 | \$9,074 | \$10,169 | \$11,264 | \$12,359 | \$13,454 |

UNDERGRADUATE COLLEGE FEE 3

Includes: Health Solutions, Design and the Arts, and Nursing and Health Innovation

| | ENROLLED HOURS | | | | | | | | | | | |
|--|----------------|---------|---------|---------|---------|---------|---------|---------|----------|----------|----------|-----------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 & Over |
| Non-Resident Undergraduate Tuition | \$1,080 | \$2,160 | \$3,240 | \$4,320 | \$5,400 | \$6,480 | \$7,560 | \$8,640 | \$9,720 | \$10,800 | \$11,880 | \$12,960 |
| Undergraduate College Fee 3 | 55 | 110 | 165 | 220 | 275 | 330 | 385 | 440 | 495 | 550 | 605 | 660 |
| Student-initiated Fee ⁽⁵⁾ | 156 | 156 | 156 | 156 | 156 | 156 | 314 | 314 | 314 | 314 | 314 | 314 |
| Total Non-Resident Undergraduate Tuition and Fees | \$1,291 | \$2,426 | \$3,561 | \$4,696 | \$5,831 | \$6,966 | \$8,259 | \$9,394 | \$10,529 | \$11,664 | \$12,799 | \$13,934 |

| UNDERGRADUATE COLLEGE FEE 4 (1, 2, 3) | | | | | | | | | | | | |
|--|-----------------------|---------|---------|---------|---------|---------|---------|---------|----------|----------|----------|-----------|
| Includes: Journalism, Engineering (4), The College sciences, Thunderbird and Business | | | | | | | | | | | | |
| | ENROLLED HOURS | | | | | | | | | | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 & Over |
| Non-Resident Undergraduate Tuition | \$1,080 | \$2,160 | \$3,240 | \$4,320 | \$5,400 | \$6,480 | \$7,560 | \$8,640 | \$9,720 | \$10,800 | \$11,880 | \$12,960 |
| Undergraduate College Fee 4 | 75 | 150 | 225 | 300 | 375 | 450 | 525 | 600 | 675 | 750 | 825 | 900 |
| Student-initiated Fee (5) | 156 | 156 | 156 | 156 | 156 | 156 | 314 | 314 | 314 | 314 | 314 | 314 |
| Total Non-Resident Undergraduate Tuition and Fees | \$1,311 | \$2,466 | \$3,621 | \$4,776 | \$5,931 | \$7,086 | \$8,399 | \$9,554 | \$10,709 | \$11,864 | \$13,019 | \$14,174 |

*Undergraduate Freshmen and Sophomores in The Polytechnic School are eligible to receive a 10% reduction in base tuition. In order to receive this discount, students must take all classes at the campus of their major. The discount is not affected by enrollment in iCourses.

(1) Undergraduate students with total credit hours in excess of the threshold established by the Arizona Legislature are required to pay tuition on these excess hours. For non-resident students, the excess hours tuition is \$240 per credit hour up to a maximum of \$2,880 for enrollment in 12 or more credit hours. Students should see students.asu.edu/tuition-surcharge [1] for additional information regarding the Undergraduate Excess Hours Tuition.

(2) Students admitted to Barrett, the Honors College are assessed a \$1,000 honors fee each fall and spring semester in addition to the tuition and fees presented above.

(3) All amounts shown in the Tuition and Fees Schedules or in other University publications or webpages represent tuition and fees as currently approved for the 2020-2021 academic year. Arizona State University reserves the right to increase or modify tuition and fees without prior notice, upon approval by the Arizona Board of Regents. Students should note that all tuition amounts and fees are subject to change at any time for correction of errors and may be adjusted at a future date.

(4) The College of Nursing and Health Innovation post-bac BSN, the Ira A. Fulton Schools of Engineering Professional Flight program, and the ASU-Draper University Entrepreneurship Incubator Program will continue to maintain a separate program or class fee.

(5) ASU's student government leaders, on behalf of the students they represent, have sought and received ABOR approval for the Health and Wellness fee, Student Athletics fee, Student Programs fee, Student Services Facility fee, and Recreation fee. Funding from these fees will be used to enrich the student experience. Included with the Student-initiated fee is the Financial Aid Trust fee as authorized by the Arizona Legislature to create a Financial Aid Trust Fund.

Source URL: <https://catalog.asu.edu/tuitionandfees/fall20undergradpolyugtsfreshsophonres>

Links:

[1] <https://students.asu.edu/tuition-surcharge>

General Tuition & Fees

International Undergraduate Degree Program

The Polytechnic School, Freshmen and Sophomores*

| UNDERGRADUATE COLLEGE FEE 1 | | | | | | | | | | | | |
|---|-----------------------|---------|---------|---------|---------|---------|---------|---------|----------|----------|----------|-----------|
| Includes: Education, New College humanities and social sciences, CISA humanities and social sciences | | | | | | | | | | | | |
| | ENROLLED HOURS | | | | | | | | | | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 & Over |
| International Undergraduate Tuition | \$1,170 | \$2,340 | \$3,510 | \$4,680 | \$5,850 | \$7,020 | \$8,190 | \$9,360 | \$10,530 | \$11,700 | \$12,870 | \$14,040 |
| Undergraduate College Fee 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Student-initiated Fee ⁽⁵⁾ | 156 | 156 | 156 | 156 | 156 | 156 | 314 | 314 | 314 | 314 | 314 | 314 |
| Total International Undergraduate Tuition and Fees | \$1,326 | \$2,496 | \$3,666 | \$4,836 | \$6,006 | \$7,176 | \$8,504 | \$9,674 | \$10,844 | \$12,014 | \$13,184 | \$14,354 |

| UNDERGRADUATE COLLEGE FEE 2 | | | | | | | | | | | | |
|--|-----------------------|---------|---------|---------|---------|---------|---------|---------|----------|----------|----------|-----------|
| Includes: The College humanities and social sciences, New College sciences, CISA sciences, Public Service and Community Solutions, and Global Futures | | | | | | | | | | | | |
| | ENROLLED HOURS | | | | | | | | | | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 & Over |
| International Undergraduate Tuition | \$1,170 | \$2,340 | \$3,510 | \$4,680 | \$5,850 | \$7,020 | \$8,190 | \$9,360 | \$10,530 | \$11,700 | \$12,870 | \$14,040 |
| Undergraduate College Fee 2 | 15 | 30 | 45 | 60 | 75 | 90 | 105 | 120 | 135 | 150 | 165 | 180 |
| Student-initiated Fee ⁽⁵⁾ | 156 | 156 | 156 | 156 | 156 | 156 | 314 | 314 | 314 | 314 | 314 | 314 |
| Total International Undergraduate Tuition and Fees | \$1,341 | \$2,526 | \$3,711 | \$4,896 | \$6,081 | \$7,266 | \$8,609 | \$9,794 | \$10,979 | \$12,164 | \$13,349 | \$14,534 |

| UNDERGRADUATE COLLEGE FEE 3 | | | | | | | | | | | | |
|---|-----------------------|---------|---------|---------|---------|---------|---------|----------|----------|----------|----------|-----------|
| Includes: Health Solutions, Design and the Arts, and Nursing and Health Innovation | | | | | | | | | | | | |
| | ENROLLED HOURS | | | | | | | | | | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 & Over |
| International Undergraduate Tuition | \$1,170 | \$2,340 | \$3,510 | \$4,680 | \$5,850 | \$7,020 | \$8,190 | \$9,360 | \$10,530 | \$11,700 | \$12,870 | \$14,040 |
| Undergraduate College Fee 3 | 55 | 110 | 165 | 220 | 275 | 330 | 385 | 440 | 495 | 550 | 605 | 660 |
| Student-initiated Fee ⁽⁵⁾ | 156 | 156 | 156 | 156 | 156 | 156 | 314 | 314 | 314 | 314 | 314 | 314 |
| Total International Undergraduate Tuition and Fees | \$1,381 | \$2,606 | \$3,831 | \$5,056 | \$6,281 | \$7,506 | \$8,889 | \$10,114 | \$11,339 | \$12,564 | \$13,789 | \$15,014 |

| UNDERGRADUATE COLLEGE FEE 4 ^(1, 2, 3) | | | | | | | | | | | | |
|--|-----------------------|---------|---------|---------|---------|---------|---------|----------|----------|----------|----------|-----------|
| Includes: Journalism, Engineering ⁽⁴⁾, The College sciences, Thunderbird, and Business | | | | | | | | | | | | |
| | ENROLLED HOURS | | | | | | | | | | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 & Over |
| International Undergraduate Tuition | \$1,170 | \$2,340 | \$3,510 | \$4,680 | \$5,850 | \$7,020 | \$8,190 | \$9,360 | \$10,530 | \$11,700 | \$12,870 | \$14,040 |
| Undergraduate College Fee 4 | 75 | 150 | 225 | 300 | 375 | 450 | 525 | 600 | 675 | 750 | 825 | 900 |
| Student-initiated Fee ⁽⁵⁾ | 156 | 156 | 156 | 156 | 156 | 156 | 314 | 314 | 314 | 314 | 314 | 314 |
| Total International Undergraduate Tuition and Fees | \$1,401 | \$2,646 | \$3,891 | \$5,136 | \$6,381 | \$7,626 | \$9,029 | \$10,274 | \$11,519 | \$12,764 | \$14,009 | \$15,254 |

*Undergraduate Freshmen and Sophomores in The Polytechnic School are eligible to receive a 10% reduction in base tuition. In order to receive this discount, students must take all classes at the campus of their major. The discount is not affected by enrollment in iCourses.

⁽¹⁾ Undergraduate students with total credit hours in excess of the threshold established by the Arizona Legislature are required to pay tuition on these excess hours. For non-resident students, the excess hours tuition is \$240 per credit hour

up to a maximum of \$2,880 for enrollment in 12 or more credit hours. Students should see students.asu.edu/tuition-surcharge [1] for additional information regarding the Undergraduate Excess Hours Tuition.

(2) Students admitted to Barrett, the Honors College are assessed a \$1,000 honors fee each fall and spring semester in addition to the tuition and fees presented above.

(3) All amounts shown in the Tuition and Fees Schedules or in other University publications or webpages represent tuition and fees as currently approved for the 2020-2021 academic year. Arizona State University reserves the right to increase or modify tuition and fees without prior notice, upon approval by the Arizona Board of Regents. Students should note that all tuition amounts and fees are subject to change at any time for correction of errors and may be adjusted at a future date.

(4) The College of Nursing and Health Innovation post-bac BSN, the Ira A. Fulton Schools of Engineering professional flight program, and the ASU-Draper University Entrepreneurship Incubator Program will continue to maintain a separate program or class fee.

(5) ASU's student government leaders, on behalf of the students they represent, have sought and received ABOR approval for the Health and Wellness fee, Student Athletics fee, Student Programs fee, Student Services Facility fee, and Recreation fee. Funding from these fees will be used to enrich the student experience. Included with the Student-initiated fee is the Financial Aid Trust fee as authorized by the Arizona Legislature to create a Financial Aid Trust Fund.

Source URL: <https://catalog.asu.edu/tuitionandfees/fall20undergradpolyugtsfreshsophinternational>

Links:

[1] <https://students.asu.edu/tuition-surcharge>

General Tuition & Fees

Resident Undergraduate Degree Program

New College of Interdisciplinary Arts and Sciences Freshman & Sophomores*

| UNDERGRADUATE COLLEGE FEE 1 (1, 2, 3) | | | | | | | |
|---|-----------------------|---------|---------|---------|---------|---------|----------|
| Includes: Education, New College humanities and social sciences, CISA humanities and social sciences | | | | | | | |
| | ENROLLED HOURS | | | | | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 & Over |
| Resident Undergraduate Tuition | \$689 | \$1,378 | \$2,067 | \$2,756 | \$3,445 | \$4,134 | \$4,820 |
| Undergraduate College Fee 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Student-initiated Fee ⁽⁴⁾ | 156 | 156 | 156 | 156 | 156 | 156 | 314 |
| Total Resident Undergraduate Tuition and Fees | \$845 | \$1,534 | \$2,223 | \$2,912 | \$3,601 | \$4,290 | \$5,134 |

| UNDERGRADUATE COLLEGE FEE 2 (1, 2, 3) | | | | | | | |
|--|-----------------------|---------|---------|---------|---------|---------|----------|
| Includes: The College humanities and social sciences, New College sciences, CISA sciences, Public Service and Community Solutions, and Global Futures | | | | | | | |
| | ENROLLED HOURS | | | | | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 & Over |
| Resident Undergraduate Tuition | \$689 | \$1,378 | \$2,067 | \$2,756 | \$3,445 | \$4,134 | \$4,820 |
| Undergraduate College Fee 2 | 15 | 30 | 45 | 60 | 75 | 90 | 105 |
| Student-initiated Fee ⁽⁴⁾ | 156 | 156 | 156 | 156 | 156 | 156 | 314 |
| Total Resident Undergraduate Tuition and Fees | \$860 | \$1,564 | \$2,268 | \$2,972 | \$3,676 | \$4,380 | \$5,239 |

*Undergraduate Freshmen and Sophomores in the New College of Interdisciplinary Arts and Sciences are eligible to receive a 10% reduction in base tuition. In order to receive this discount, students must take all classes at the campus of their major. The discount is not affected by enrollment in iCourses.

⁽¹⁾ Undergraduate students with total credit hours in excess of the threshold established by the Arizona Legislature are required to pay tuition on these excess hours. For resident students, the excess hours tuition is \$153 per credit hour up to a maximum of \$1,071 for enrollment in 7 or more credit hours. Students should see students.asu.edu/tuition-surcharge [1] for additional information regarding the Undergraduate Excess Hours Tuition.

⁽²⁾ Students admitted to Barrett, the Honors College are assessed a \$1,000 honors fee each fall and spring semester in addition to the tuition and fees presented above.

⁽³⁾ All amounts shown in the Tuition and Fees Schedules or in other University publications or webpages represent tuition and fees as currently approved for the 2020-2021 academic year. Arizona State University reserves the right to increase or modify tuition and fees without prior notice, upon approval by the Arizona Board of Regents. Students should note that all tuition amounts and fees are subject to change at any time for correction of errors and may be adjusted at a future date.

⁽⁴⁾ ASU's student government leaders, on behalf of the students they represent, have sought and received ABOR approval for the Health and Wellness fee, Student Athletics fee, Student Programs fee, Student Services Facility fee, and Recreation fee. Funding from these fees will be used to enrich the student experience. Included with the Student-initiated fee is the Financial Aid Trust fee as authorized by the Arizona Legislature to create a Financial Aid Trust Fund.

⁽⁵⁾ The College of Nursing and Health Innovation post-bac BSN, the Ira A. Fulton Schools of Engineering Professional Flight program, and the ASU-Draper University Entrepreneurship Incubator Program will continue to maintain a separate program or class fee.

Source URL: <https://catalog.asu.edu/tuitionandfees/fall20undergradwestugasfrshsoph>

Links:

[1] <https://students.asu.edu/tuition-surcharge>

General Tuition & Fees

Non-Resident Undergraduate Degree Program

New College of Interdisciplinary Arts and Sciences - Freshmen and Sophomores*

| UNDERGRADUATE COLLEGE FEE 1 ^(1, 2, 3) | | | | | | | | | | | | |
|---|-----------------------|---------|---------|---------|---------|---------|---------|---------|----------|----------|----------|-----------|
| Includes: Education, New College humanities and social sciences, CISA humanities and social sciences | | | | | | | | | | | | |
| | ENROLLED HOURS | | | | | | | | | | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 & Over |
| Non-Resident Undergraduate Tuition | \$1,080 | \$2,160 | \$3,240 | \$4,320 | \$5,400 | \$6,480 | \$7,560 | \$8,640 | \$9,720 | \$10,800 | \$11,880 | \$12,960 |
| Undergraduate College Fee 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Student-initiated Fee ⁽⁴⁾ | 156 | 156 | 156 | 156 | 156 | 156 | 314 | 314 | 314 | 314 | 314 | 314 |
| Total Non-Resident Undergraduate Tuition and Fees | \$1,236 | \$2,316 | \$3,396 | \$4,476 | \$5,556 | \$6,636 | \$7,874 | \$8,954 | \$10,034 | \$11,114 | \$12,194 | \$13,274 |

| UNDERGRADUATE COLLEGE FEE 2 ^(1, 2, 3) | | | | | | | | | | | | |
|--|-----------------------|---------|---------|---------|---------|---------|---------|---------|----------|----------|----------|-----------|
| Includes: The College humanities and social sciences, New College sciences, CISA sciences, Public Service and Community Solutions, and Global Futures | | | | | | | | | | | | |
| | ENROLLED HOURS | | | | | | | | | | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 & Over |
| Non-Resident Undergraduate Tuition | \$1,080 | \$2,160 | \$3,240 | \$4,320 | \$5,400 | \$6,480 | \$7,560 | \$8,640 | \$9,720 | \$10,800 | \$11,880 | \$12,960 |
| Undergraduate College Fee 2 | 15 | 30 | 45 | 60 | 75 | 90 | 105 | 120 | 135 | 150 | 165 | 180 |
| Student-initiated Fee ⁽⁴⁾ | 156 | 156 | 156 | 156 | 156 | 156 | 314 | 314 | 314 | 314 | 314 | 314 |
| Total Non-Resident Undergraduate Tuition and Fees | \$1,251 | \$2,346 | \$3,441 | \$4,536 | \$5,631 | \$6,726 | \$7,979 | \$9,074 | \$10,169 | \$11,264 | \$12,359 | \$13,454 |

*Undergraduate Freshmen and Sophomores in The New College of Interdisciplinary Arts and Sciences are eligible to receive a 10% reduction in base tuition. In order to receive this discount, students must take all classes at the campus of their major. The discount is not affected by enrollment in iCourses.

⁽¹⁾ Undergraduate students with total credit hours in excess of the threshold established by the Arizona Legislature are required to pay tuition on these excess hours. For non-resident students, the excess hours tuition is \$240 per credit hour up to a maximum of \$2,880 for enrollment in 12 or more credit hours. Students should see students.asu.edu/tuition-surcharge [1] for additional information regarding the Undergraduate Excess Hours Tuition.

⁽²⁾ Students admitted to Barrett, the Honors College are assessed a \$1,000 honors fee each fall and spring semester in addition to the tuition and fees presented above.

⁽³⁾ All amounts shown in the Tuition and Fees Schedules or in other University publications or webpages represent tuition and fees as currently approved for the 2020-2021 academic year. Arizona State University reserves the right to increase or modify tuition and fees without prior notice, upon approval by the Arizona Board of Regents. Students should note that all tuition amounts and fees are subject to change at any time for correction of errors and may be adjusted at a future date.

⁽⁴⁾ ASU's student government leaders, on behalf of the students they represent, have sought and received ABOR approval for the Health and Wellness fee, Student Athletics fee, Student Programs fee, Student Services Facility fee, and Recreation fee. Funding from these fees will be used to enrich the student experience. Included with the Student-initiated fee is the Financial Aid Trust fee as authorized by the Arizona Legislature to create a Financial Aid Trust Fund.

⁽⁵⁾ The College of Nursing and Health Innovation post-bac BSN, the Ira A. Fulton Schools of Engineering Professional Flight program, and the ASU-Draper University Entrepreneurship Incubator Program will continue to maintain a separate program or class fee.

Source URL: <https://catalog.asu.edu/tuitionandfees/fall20undergradwestugasfrshsophonres>

Links:

[1] <https://students.asu.edu/tuition-surcharge>

General Tuition & Fees

International Undergraduate Degree Program

New College of Interdisciplinary Arts and Sciences - Freshmen and Sophomores*

| UNDERGRADUATE COLLEGE FEE 1 ^(1, 2, 3) | | | | | | | | | | | | |
|---|-----------------------|---------|---------|---------|---------|---------|---------|---------|----------|----------|----------|-----------|
| Includes: Education, New College humanities and social sciences, CISA humanities and social sciences | | | | | | | | | | | | |
| | ENROLLED HOURS | | | | | | | | | | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 & Over |
| International Undergraduate Tuition | \$1,170 | \$2,340 | \$3,510 | \$4,680 | \$5,850 | \$7,020 | \$8,190 | \$9,360 | \$10,530 | \$11,700 | \$12,870 | \$14,040 |
| Undergraduate College Fee 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Student-initiated Fee ⁽⁴⁾ | 156 | 156 | 156 | 156 | 156 | 156 | 314 | 314 | 314 | 314 | 314 | 314 |
| Total International Undergraduate Tuition and Fees | \$1,326 | \$2,496 | \$3,666 | \$4,836 | \$6,006 | \$7,176 | \$8,504 | \$9,674 | \$10,844 | \$12,014 | \$13,184 | \$14,354 |

| UNDERGRADUATE COLLEGE FEE 2 ^(1, 2, 3) | | | | | | | | | | | | |
|--|-----------------------|---------|---------|---------|---------|---------|---------|---------|----------|----------|----------|-----------|
| Includes: The College humanities and social sciences, New College sciences, CISA sciences, Public Service and Community Solutions, and Global Futures | | | | | | | | | | | | |
| | ENROLLED HOURS | | | | | | | | | | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 & Over |
| International Undergraduate Tuition | \$1,170 | \$2,340 | \$3,510 | \$4,680 | \$5,850 | \$7,020 | \$8,190 | \$9,360 | \$10,530 | \$11,700 | \$12,870 | \$14,040 |
| Undergraduate College Fee 2 | 15 | 30 | 45 | 60 | 75 | 90 | 105 | 120 | 135 | 150 | 165 | 180 |
| Student-initiated Fee ⁽⁴⁾ | 156 | 156 | 156 | 156 | 156 | 156 | 314 | 314 | 314 | 314 | 314 | 314 |
| Total International Undergraduate Tuition and Fees | \$1,341 | \$2,526 | \$3,711 | \$4,896 | \$6,081 | \$7,266 | \$8,609 | \$9,794 | \$10,979 | \$12,164 | \$13,349 | \$14,534 |

*Undergraduate Freshmen and Sophomores in the New College of Interdisciplinary Arts and Sciences are eligible to receive a 10% reduction in base tuition. In order to receive this discount, students must take all classes at the campus of their major. The discount is not affected by enrollment in iCourses.

(1) Undergraduate students with total credit hours in excess of the threshold established by the Arizona Legislature are required to pay tuition on these excess hours. For non-resident students, the excess hours tuition is \$240 per credit hour up to a maximum of \$2,880 for enrollment in 12 or more credit hours. Students should see students.asu.edu/tuition-surcharge [1] for additional information regarding the Undergraduate Excess Hours Tuition.

(2) Students admitted to Barrett, the Honors College are assessed a \$1,000 honors fee each fall and spring semester in addition to the tuition and fees presented above.

(3) All amounts shown in the Tuition and Fees Schedules or in other University publications or webpages represent tuition and fees as currently approved for the 2020-2021 academic year. Arizona State University reserves the right to increase or modify tuition and fees without prior notice, upon approval by the Arizona Board of Regents. Students should note that all tuition amounts and fees are subject to change at any time for correction of errors and may be adjusted at a future date.

(4) ASU's student government leaders, on behalf of the students they represent, have sought and received ABOR approval for the Health and Wellness fee, Student Athletics fee, Student Programs fee, Student Services Facility fee and Recreation fee. Funding from these fees will be used to enrich the student experience. Included with the Student-initiated fee is the Financial Aid Trust fee as authorized by the Arizona Legislature to create a Financial Aid Trust Fund.

(5) The College of Nursing and Health Innovation post-bac BSN, the Ira A. Fulton Schools of Engineering professional flight program, and the ASU-Draper University Entrepreneurship Incubator Program will continue to maintain a separate program or class fee.

Source URL: <https://catalog.asu.edu/tuitionandfees/fall20undergradwestugasfrshsophintl>

Links:

[1] <https://students.asu.edu/tuition-surcharge>

General Tuition & Fees

Graduate Degree Program

All Residencies

| RESIDENT ⁽¹⁾ | | | | | | | |
|--|----------------|---------|---------|---------|---------|---------|----------|
| | ENROLLED HOURS | | | | | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 & Over |
| Graduate Resident Tuition | \$837 | \$1,674 | \$2,511 | \$3,348 | \$4,185 | \$5,022 | \$5,860 |
| Student-Initiated Fee ⁽²⁾ | 176 | 176 | 176 | 176 | 176 | 176 | 319 |
| Graduate Student Support Fee ⁽³⁾ | 63 | 63 | 63 | 63 | 63 | 63 | 125 |
| Total Resident Graduate Tuition and Fees ⁽⁴⁾ | \$1,076 | \$1,913 | \$2,750 | \$3,587 | \$4,424 | \$5,261 | \$6,304 |

| NON-RESIDENT ⁽¹⁾ | | | | | | | | | | | | |
|--|----------------|---------|---------|---------|---------|---------|---------|----------|----------|----------|----------|-----------|
| | ENROLLED HOURS | | | | | | | | | | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 & Over |
| Graduate Non-Resident Tuition | \$1,308 | \$2,616 | \$3,924 | \$5,232 | \$6,540 | \$7,848 | \$9,156 | \$10,464 | \$11,772 | \$13,080 | \$14,388 | \$15,700 |
| Student-Initiated Fee ⁽²⁾ | 176 | 176 | 176 | 176 | 176 | 176 | 319 | 319 | 319 | 319 | 319 | 319 |
| Graduate Student Support Fee ⁽³⁾ | 63 | 63 | 63 | 63 | 63 | 63 | 125 | 125 | 125 | 125 | 125 | 125 |
| Total Non-Resident Graduate Tuition and Fees ⁽⁴⁾ | \$1,547 | \$2,855 | \$4,163 | \$5,471 | \$6,779 | \$8,087 | \$9,600 | \$10,908 | \$12,216 | \$13,524 | \$14,832 | \$16,144 |

| INTERNATIONAL ⁽¹⁾ | | | | | | | | | | | | |
|---|----------------|---------|---------|---------|---------|---------|----------|----------|----------|----------|----------|-----------|
| | ENROLLED HOURS | | | | | | | | | | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 & Over |
| Graduate International Tuition | \$1,400 | \$2,800 | \$4,200 | \$5,600 | \$7,000 | \$8,400 | \$9,800 | \$11,200 | \$12,600 | \$14,000 | \$15,400 | \$16,800 |
| Student-Initiated Fee ⁽²⁾ | 176 | 176 | 176 | 176 | 176 | 176 | 319 | 319 | 319 | 319 | 319 | 319 |
| Graduate Student Support Fee ⁽³⁾ | 63 | 63 | 63 | 63 | 63 | 63 | 125 | 125 | 125 | 125 | 125 | 125 |
| Total International Graduate Tuition and Fees ⁽⁴⁾ | \$1,639 | \$3,039 | \$4,439 | \$5,839 | \$7,239 | \$8,639 | \$10,244 | \$11,644 | \$13,044 | \$14,444 | \$15,844 | \$17,244 |

⁽¹⁾ All amounts shown in the Tuition and Fees Schedules or in other University publications or webpages represent tuition and fees as currently approved for the 2020-2021 academic year. Arizona State University reserves the right to increase or modify tuition and fees without prior notice, upon approval by the Arizona Board of Regents. Please note all tuition amounts and fees are subject to change at any time for correction of errors and may be adjusted at a future date.

⁽²⁾ ASU's government leaders, on behalf of the students they represent, have sought and received ABOR approval for the Health and Wellness fee, Student Athletics fee, Student Programs fee, Student Services fee and Recreation fee. Funding from these fees will be used to enrich the student experience. Included with the Student-initiated fee is the Financial Aid Trust fee as authorized by the Arizona Legislature to create a Financial Aid Trust Fund.

⁽³⁾ The Graduate Student Support fee helps fund resources and services that support graduate students, including technology resources and services, instructional and laboratory expenses in departments and schools, and graduate student services. Students enrolled in one continuing registration course credit will be charged a reduced rate of \$50.00

⁽⁴⁾ Certain graduate programs are assessed differential tuition or program fees, depending on the college or program. Use the Tuition and Cost of Attendance Estimator [1] to review program specific tuition and fees.

Source URL: <https://catalog.asu.edu/tuitionandfees/fall20graduate>

Links:

[1] <https://students.asu.edu/tuition>

General Tuition & Fees

Graduate Degree Program

Online* Campus

| RESIDENT | ENROLLED HOURS | | | | | | | | | | | | | | | | | |
|--|----------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| Resident Graduate Online Tuition | \$543 | \$1,086 | \$1,629 | \$2,172 | \$2,715 | \$3,258 | \$3,801 | \$4,344 | \$4,887 | \$5,430 | \$5,860 | \$5,860 | \$5,860 | \$5,860 | \$5,860 | \$5,860 | \$5,860 | \$5,860 |
| Technology Fee | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| Financial Aid Trust (3) | 27 | 27 | 27 | 27 | 27 | 27 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 |
| Total Resident Graduate Online Tuition & Fees | \$620 | \$1,163 | \$1,706 | \$2,249 | \$2,792 | \$3,335 | \$3,905 | \$4,448 | \$4,991 | \$5,534 | \$5,964 | \$5,964 | \$5,964 | \$5,964 | \$5,964 | \$5,964 | \$5,964 | \$5,964 |

| NON-RESIDENT | ENROLLED HOURS | | | | | | | | | | | | | | | | | |
|--|----------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| Non-Resident Graduate Online Tuition | \$543 | \$1,086 | \$1,629 | \$2,172 | \$2,715 | \$3,258 | \$3,801 | \$4,344 | \$4,887 | \$5,430 | \$5,973 | \$6,516 | \$7,059 | \$7,602 | \$8,145 | \$8,688 | \$9,231 | \$9,774 |
| Technology Fee | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| Financial Aid Trust (3) | 27 | 27 | 27 | 27 | 27 | 27 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 |
| Total Non-Resident Graduate Online Tuition & Fees | \$620 | \$1,163 | \$1,706 | \$2,249 | \$2,792 | \$3,335 | \$3,905 | \$4,448 | \$4,991 | \$5,534 | \$6,077 | \$6,620 | \$7,163 | \$7,706 | \$8,249 | \$8,792 | \$9,335 | \$9,878 |

(1) Effective for fall 2018, online tuition for resident students will be capped at 11 credit hours; however, online tuition for non-resident students is billed per credit hour with no cap.

(2) Special Class fees are dependent on specific class enrollment and are not included here. Fees are available online through Class Search [1].

(3) The Financial Aid Trust fee is billed per session, but is not to exceed the seven-hour rate in a term.

(4) Students with total credit hours in excess of the threshold established by the Arizona Legislature are required to pay tuition on the excess hours. For resident and non-resident students, the excess hours tuition rate is \$109 per credit hour.

Students should see students.asu.edu/tuition-surcharge [2] for additional information regarding the Undergraduate Excess Hours Tuition.

⁽⁵⁾ Students admitted to Barrett, the Honors College are assessed a \$1,000 honors fee each fall and spring semester in addition to the tuition and fees presented above.

⁽⁶⁾ All amounts shown in the Tuition and Fees Schedules or in other University publications or webpages represent tuition and fees as currently approved. Arizona State University reserves the right to increase or modify tuition and fees without prior notice, upon approval by the Arizona Board of Regents. Students should note that all tuition amounts and fees are subject to change at any time for correction of errors and may be adjusted at a future date.

⁽⁷⁾ Certain graduate and undergraduate programs are assessed differential tuition or program fees, depending on the college or program. Students should use the Tuition and Cost of Attendance Estimator [3] to review program-specific tuition and fees.

*Graduate online programs with differential tuition [4] for use by Department of Defense students using tuition assistance.

Source URL: <https://catalog.asu.edu/tuitionandfees/Fall20Grad-PostBaccOnline>

Links:

[1] <https://webapp4.asu.edu/catalog/>

[2] <https://students.asu.edu/tuition-surcharge>

[3] <https://students.asu.edu/tuition>

[4] https://catalog.asu.edu/sites/default/files/edplus_online_programs-_grad.xlsx



Registration & Tuition Payment Guide

Fall 2020

Distributed by:
University Registrar Services

Revised 06/05/2020

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Important Reminder

By registering for classes you agree to pay all applicable tuition and registration fees. You will NOT be dropped from your classes for non-payment. If you do not have adequate financial aid to cover tuition costs, and if you do not pay tuition by the applicable deadline, you will be enrolled in the ASU Payment Plan and assessed a non-refundable \$100 resident/\$200 non-resident enrollment fee. **See page 13 for more information.**

Semester Calendar - Fall 2020

All dates and times published in this schedule are tentative and are subject to change without notice.

If a class is scheduled in a session other than Session A, B or C, the drop/add/withdrawal deadlines are prorated based on the length of the class. Check the calendar icon next to each class on your schedule in My ASU for the prorated deadline dates.

Session A: Thursday 8/20/2020–Friday 10/9/2020
Session B: Monday 10/12/2020–Friday 12/4/2020
Session C: Thursday 8/20/2020–Friday 12/4/2020 (Final exams 12/7/2020–12/12/2020)

| | | | |
|--|---------------------------------|----------------------------------|----------------------------------|
| Schedule of Classes Available | February 17, 2020 | | |
| Registration and Tuition Guide Available | February 17, 2020 | | |
| Registration Dates Begin | February 20, 2020 | | |
| \$50.00 Late Registration Fee Begins (does not apply to ASU Online students) | Session A August 12, 2020 | Session B October 6, 2020 | Session C August 12, 2020 |
| Classes Begin | Session A August 20, 2020 | Session B October 12, 2020 | Session C August 20, 2020 |
| <u>Academic Status Reports</u> – Faculty have the opportunity to provide weekly feedback during each session. Students can view ASRs in MyASU within 24 hours after each weekly reporting period closes on Sunday. | Session A Aug 20-Oct 4, 2020 | Session B Oct 12-Nov 29, 2020 | Session C Aug 20-Nov 29, 2020 |
| Residency Classification Petition Deadline | August 26, 2020 | | |
| Automatic ASU Payment Plan Enrollment - Students who registered through August 18 and who have unpaid tuition and other eligible payment plan charges will be automatically enrolled in the ASU Payment Plan. | August 27, 2020 | | |
| Last day to register or drop/add without college approval | Session A August 21, 2020 | Session B October 13, 2020 | Session C August 26, 2020 |
| <u>Tuition Fee Payment Deadline</u> —For registration through 8/15/19 For more information see http://students.asu.edu/tuitiondeadlines | August 25, 2020 | | |
| <u>Tuition & Fees 100% Refund Deadline</u> – For more information see http://students.asu.edu/tuitionrefundpolicy | Session A August 26, 2020 | Session B October 20, 2020 | Session C September 2, 2020 |
| Labor Day Holiday Observed Classes excused/University closed | September 7, 2020 | | |
| University 21 st Day | Session A September 9, 2020 | Session B November 2, 2020 | Session C September 9, 2020 |
| <u>Tuition Fee Payment Deadline</u> —For registration from 8/16/19 through 9/18/19. For more information see http://students.asu.edu/tuitiondeadlines | September 25, 2020 | | |
| Deadline to Apply for Graduation | October 1, 2020 | | |
| <u>Tuition Fee Payment Deadline</u> —For registration from 9/19/19 through 10/18/19. For more information see http://students.asu.edu/tuitiondeadlines | October 25, 2020 | | |

Semester Calendar (continued) - Fall 2020

| Session A: Thursday 8/20/2020—Friday 10/9/2020 Session B: Monday 10/12/2020—Friday 12/4/2020 Session C: Thursday 8/20/2020—Friday 12/4/2020 (Final exams 12/7/2020—12/12/2020) | | | |
|---|----------------------------------|----------------------------------|----------------------------------|
| Course Withdrawal Deadline | Session A September 9, 2020 | Session B November 1, 2020 | Session C November 4, 2020 |
| Veterans Day Observed <i>Classes excused/University closed</i> | November 11, 2020 | | |
| Thanksgiving Holiday Observed <i>Classes excused/University closed</i> | November 26-27, 2020 | | |
| <u>Complete Session Withdrawal Deadline</u> As part of a complete session withdrawal a student must withdraw from all classes in a session. Beginning the first day of classes, undergraduate students are required to contact their college/school for facilitate the withdrawal process. For more information, see https://students.asu.edu/forms/withdrawal | Session A October 9, 2020 | Session B December 4, 2020 | Session C December 4, 2020 |
| Classes End/ Last Day to Process Transactions | Session A October 9, 2020 | Session B December 4, 2020 | Session C December 4, 2020 |
| Study Days | Session A N/A | Session B N/A | Session C December 5-6, 2020 |
| Final Exams | Session A Last day of classes | Session B Last day of classes | Session C December 7-12, 2020 |
| Final Grades Due | Session A October 10, 2020 | Session B December 7-14, 2020 | Session C December 7-14, 2020 |
| Commencement Ceremony - (Graduate and Undergraduate) https://graduation.asu.edu/ | December 14, 2020 | | |
| Degree Conferral Date | December 14, 2020 | | |
| Grade Replacement/Academic Standing Processing | December 15-16, 2020 | | |
| Holiday Break <i>Classes excused/University closed</i> | December 24-25, 2020 | | |

* See Residential Life for designated move in dates.

** Late Registration fee of \$50 assessed.

*** Classes start on Thursday 8/20/2020 in order to fully comply with ABOR contract hour requirements

Admission and Registration

Admission/Readmission

Undergraduate admission/readmission:

admission.asu.edu/first-year
admission.asu.edu/transfer

Graduate admission/readmission:

admission.asu.edu/graduate

Sandra Day O'Connor College of Law:

law.asu.edu

Students with an advising hold on their student account must meet with an academic advisor before submitting a registration request.

Nondegree undergraduate admission:

admission.asu.edu/undergrad/nondegree

Nondegree undergraduate students may enroll in up to eight credit hours each fall or spring semester, seven credit hours each five-week summer session, and nine credit hours in the eight-week summer session. Nondegree students may apply up to 15 credit hours to an undergraduate degree program at ASU. A student may not register in nondegree status after being admitted to a degree program.

Nondegree graduate admission:

admission.asu.edu/graduate/nondegree

A graduate student admitted to an ASU master's or doctoral degree program may apply up to 12 nondegree graduate credit hours taken prior to admission to their program.

Registration Procedures Overview

my.asu.edu

- Step 1: Log into My ASU to view your online Registration Dates. A registration date is the date/time that you may begin to register for classes. You may register online or in person anytime after your assigned registration date begins through the end of the drop/add period.*
- Step 2: Check for registration holds on My ASU. If you have an academic advising hold, plan to meet with your academic advisor well before your Registration Date occurs.
- Step 3: Review degree and catalog requirements.
- Step 4: Review your Major Map on My ASU (undergraduate students only).

Step 5: Search for available classes using the Class Search at my.asu.edu.

Step 6: Register for classes at my.asu.edu or in person at any registrar location <https://students.asu.edu/contact/office-university-registrar>

Step 7: Pay tuition. If you do not have adequate financial aid to cover tuition costs, and if you do not pay tuition by the applicable deadline, you will be enrolled in the ASU Payment Plan and assessed a non-refundable \$100 resident/\$200 non-resident enrollment fee.

*Students may register for Fall 2020, February 20, 2020 through August 21, 2020 for Session A, August 26, 2020 for Session C, and October 15, 2020 for Session B. However, a \$50 late registration fee is charged beginning August 12, 2020 for Session's A and C and October 6, 2020 for Session B. This fee does not apply to ASU online students.

Registration/Enrollment General Information

Registration Dates

All students are assigned an online **registration date** which will permit registration for the Fall 2020 semester. Students should log into My ASU to view their registration date as soon as possible.

A registration date is the date and time that a student may begin registering for the next semester. Students may register in person or online anytime after the assigned registration date begins, through the end of the drop/add period.

If you are an entering freshman in the Fall semester, your registration date will be the date of your orientation program. If you are not an entering freshmen, and you do not have a registration date assigned, contact the University Registrar Services at 480.965.3124.

Building Your Class Schedule

ASU's registration system will allow you to search the Schedule of Classes/Class Search and build a Fall class registration request. You can save that plan (shopping cart) and then later return to it. When you return, you will be able to see if the class status has changed since you built and saved the plan. You can view the online Schedule of Classes/Class Search via My ASU (my.asu.edu). The Fall 2020 Schedule of Classes is available February 17, 2020.

Registration, cont.

Submitting Your Registration Request

Once you have submitted your schedule request, you will be able to immediately see which courses were successfully added to your schedule. **Note: You may choose to audit a course in which case you attend and participate in the class but do not earn credit. Be sure to obtain instructor's approval before registering and paying fees. Refer to your catalog and see your academic advisor for additional information about audit enrollment.**

Drop/Add

Anytime after you have a class schedule, you will be able to drop and add courses via My ASU or in person at any registration location through the published drop/add deadline. During this period, you may drop one or more (but not all) scheduled classes. Classes that are dropped do not appear on the student's transcript. A student who wishes to withdraw from his/her last course during the drop/add period must process a complete withdrawal. Colleges or departments may require approvals before a student can add specific classes.

Swap

You can use the swap feature when you want to ensure that you do not drop a class you are already registered for until you have successfully added a replacement class.

Registration Holds

You will be able to view a list of holds that will prevent registration. Items that can prevent you from registering are: unpaid fees, academic advising requirements, immunizations, etc. Do not delay your ability to get the classes you want. Take care of your University business now to eliminate any holds.

To Dos

You will be able to view a list of your To Do items. To Do items display tasks you need to complete, such as completing a financial aid form. To Do items do not restrict registration. However, if you do not accomplish an open To Do item, it can become a Hold on your record. Follow the instructions or contact the appropriate person to make arrangements to complete each pending task as soon as possible.

Registration Locations

| Tempe campus | West campus | Polytechnic campus | Downtown Phoenix campus |
|--|----------------------------------|---------------------|----------------------------------|
| Student Services Bldg, Room 140 | University Center Bldg, Room 120 | Administration Bldg | University Center Bldg, Room 166 |
| 480.965.3124 | 602.543.8203 | 480.727.1142 | 602.496.4372 |
| Monday - Friday 8:00am - 5:00pm | | | |
| <p>Offices are closed in observance of the following holidays:</p> <p>Labor Day—September 7, 2020 Veteran's Day—November 11, 2020 Thanksgiving—November 26-27, 2020 Holiday Break—December 24-25, 2020</p> | | | |

A photo ID is required to process transactions in person.

In order to process any registration transaction in a student's absence, a third party must present their photo ID and written authorization signed by the student. A Registration by Proxy Form for a third party must present their photo ID and written purpose is available on the web at students.asu.edu/forms/registration or at any University registration site.

Measles Immunization Policy

Arizona State University requires new freshman, transfer, and graduate students to submit proof of two doses of MMR—Measles (rubeola), Mumps and Rubella (German Measles). This is a mandatory requirement for all college students born on or after January 1, 1957. You will not be permitted to register, add, or drop classes without having met this requirement. If you cannot locate your documentation, the MMR vaccinations and lab test are available for a minimal fee at ASU Health Service.

One of the following may be used as documentation:

- Documentation of two MMR vaccines with the first at 12 months or older and the second vaccination at least 28 days apart.

Registration, cont.

Measles Immunization Policy, Cont.

- Documentation by a physician of having had Rubella, Mumps and Rubella diseases.
- Documentation of a positive lab test showing immunity to **RUBEOLA IgG (Measles=Hard measles/10 day measles)**.

When submitting your documentation, please include the cover page that can be found at <https://eoss.asu.edu/health/immunization>

Mail, Fax or Email to:

IMMUNIZATION DEPARTMENT **FAX#:** 480-965-8914
 ASU Health Service **Phone#:** 480-965-8177
 Arizona State University **Email:** immunizations@asu.edu
 P.O Box 872104
 Tempe, AZ 85287-2104

Advising

Admitted students have an academic advising team that assists them in setting personal and academic goals, understanding policies and creating strategies for staying on track towards graduation. Undergraduate students should contact an academic advisor in the college or school of their major for advising and information about their academic program and curricular requirements. Many programs require academic advisement prior to registration for classes.

Students may visit MyASU to learn their current academic advising office assignment, and for information on how to make an appointment with an advisor. For additional information regarding general academic advising for all ASU departments visit <https://students.asu.edu/academics>

Instructor-Initiated Drop Option

The instructor of a course has full authority within departmental or other higher-level policies to decide whether or not class attendance is required. During the second week of classes in Fall or Spring, or the first four days of each Summer Session, the instructor can drop a student for non-attendance. In classes which are full, this will allow accommodation of other students requesting the class and help instructors avoid excessive

overrides. Instructor-initiated drops for non-attendance must be based upon concrete evidence of non-attendance and be signed by the Dean or Dean's Designee in the college offering the course. The college will notify the student by mail at the student's currently posted local address. Nothing in this policy contradicts any other policy regarding attendance, religious holidays, or the student's responsibility to notify the instructor in case of absences.

Note: Students should be aware that non-attendance will not automatically result in being dropped. Instructors have the right to exercise this option at their discretion. It is also the student's responsibility to contact the instructor before the end of the first week of classes if absences during that period cannot be avoided.

Withdrawal Policy

Course Withdrawal

After the drop/add period and up to September 9, 2020 for Session A, November 3, 2020 for Session B and November 4, 2020 for Session C, a student may withdraw from any course with a grade of "W". Withdrawals may be initiated online using My ASU or in person at any registration site. Courses with alternate begin and end dates may have an adjusted withdrawal schedule. Courses from which the student withdraws will remain on the student's transcript with a grade of "W". Any appropriate refunds are issued based on the published Refund Schedule and the date of the withdrawal. To determine whether you will be eligible for a refund after withdrawing, contact Student Accounts at 1-855-278-5080. It is the student's responsibility to initiate a withdrawal if unable to attend a class. Failure to do so will result in a grade of "E" being assigned for the class. Although students who do not attend class during the first week of a term may be administratively dropped from the class, such withdrawal is at the discretion of the instructor. In special circumstances, a medical withdrawal or academic record change may be authorized by the Dean of an academic unit if the student petitions for the change and presents documentation of reasons for being unable to attend the class. Please note academic record changes can only be requested after the semester has ended. It is the student's responsibility to petition for such change if appropriate.

Complete Withdrawal

A student may withdraw from all of his or her classes (the student will no longer be enrolled in any classes for the specified semester) through the transaction deadline or the last day of classes for

Registration, cont.

any semester. A grade of “W” is awarded for each class from which the student withdraws. The complete withdrawal deadline is October 9, 2020 for Session A, and December 4, 2020 for Sessions B and C. Beginning the first date of the semester, undergraduate students are required to request a complete withdrawal in person. Making a complete withdrawal from the University is a difficult decision, and ASU has many resources in place to help. Because there may be serious academic and financial consequences to processing a complete withdrawal, you should view complete withdrawal as a final resort. You are encouraged to meet with your academic advisor to explore alternatives.

Note: A student may not avoid any penalty for academic dishonesty by withdrawing from a course. A student may be reinstated to a course to receive a penalty of a reduced or failing grade, or XE. Remember: If you have financial aid or scholarships, be sure you understand minimum credit hour requirements for maintaining those awards.

Military Withdrawal

To completely withdraw due to military activation, immediately contact the Pat Tillman Veterans Center. For all campuses, email the Military Advocate at MilitaryAdvocate@asu.edu to determine whether the call to active duty qualifies for [ASU's Military Activation Policy](#). For example, students reporting to “boot camp” or required training may not qualify for this policy. Students who qualify will receive some regulatory relief in the recalculation of financial aid and the calculation of tuition and fee charges. Students are also given options regarding their academic records, e.g., complete withdrawal, incomplete grades, etc.

Financial Assistance Withdrawal Policy

Circumstances may necessitate complete withdrawal from the University. For financial aid, a complete withdrawal from the full term or any individual session can affect financial aid eligibility. The outcome of a complete withdrawal on your financial aid depends on when the complete withdrawal is initiated and the types of financial aid you received. In all cases, Financial Aid and Scholarship Services must calculate a “Return of Title IV Funds” to determine if you were enrolled long enough to keep the aid paid to you. Any time you stop your enrollment (i.e., withdraw, drop, stop participating in classes or receive a combination of all EN, EU or W grades in a session or term) before the end of the term, you may need to return some of the financial aid you received. Please note that federal and institutional financial aid will be reduced/canceled, excluding Federal Work Study and Employee waivers, for course credits assigned an EN grade ([failure to participate](#)).

If you are considering withdrawing, please contact [Financial Aid and Scholarship Services](#) and request to speak with a financial aid counselor to understand the impact on your financial aid. Be sure to review [Withdrawing as a Financial Aid Recipient](#) for more information.

Official Complete Withdrawal

Federal regulations require the recalculation of Title IV financial aid in cases where a student received financial aid and officially withdrew on or before the point in which 60% of the semester has lapsed. If a return of aid is required, ASU returns the unearned portion of Title IV financial aid funds to the Federal Programs on behalf of the student. Any return of financial aid funds made by the University will be charged to the student's University account. Payment to the University will be due on demand. Title IV funds include the Federal Pell Grant, the Federal Supplemental Educational Opportunity Grant (FSEOG), the Federal Teach Grant, the Iraq and Afghanistan Service Grant, the Federal Direct Subsidized and Unsubsidized Student Loans and the Federal PLUS Loan. Federal Work Study earnings and non-Title IV aid are not included in this formula. However, the student may not continue to work under the Federal Work Study program after their official date of withdrawal.

University Testing Requirements

All new, transfer, or readmitted undergraduate students must meet one of the following testing requirements:

- Take the ACT English, SAT verbal examination, WritePlacer Plus section of the ACCUPLACER, TOEFL (Test of English as a Foreign Language), IELTS (International English Language Testing System), or PTEA (Pearson Test of English Academic) and have scores submitted to ASU.
- Receive a score of 4 or 5 for the advanced placement examination in English offered by the College Entrance Examination Board and have scores submitted to ASU.
- Take the CLEP College Composition exam, earning a score of 50 that qualifies for placement into ENG 105 and elective credit (3). ENG 101 (3) for students who already have credit for ENG 102.
- Have previously taken or be currently enrolled in WAC101, WAC107, ENG101, ENG102, ENG105, ENG107, or ENG108 at ASU. If the course was taken at ASU before 1980, contact the Records and Enrollment Services Office in SSV140 or at 480.965.3124, before registering for classes.
- Transfer a course equivalent to ENG101, ENG102, ENG105, ENG107, or ENG108 with a grade of “C” (2.00) or higher.

An official transcript showing the grade must be received by ASU.

Registration, cont.

The evaluations of transfer English courses at Arizona State University has been centralized and all evaluations will be processed through the new Transfer Credit Guide. All transfer students should visit www.asu.edu/transfercredit to request an evaluation of transfer course work. Any questions regarding the evaluation process should be sent to articulation@asu.edu.

Placement Exams

A. First-Year Composition

Placement in First-Year Composition courses (WAC101 or WAC107 followed by ENG101 or ENG107 the next semester, or ENG101, ENG105, or ENG 107) is determined by the score earned on the ACT English, SAT Verbal Exam, Accuplacer, TOEFL, IELTS, or PTEA exam (see table). Multilingual students are not required to take multilingual sections of first-year composition courses (WAC107, ENG107, and ENG108). They have the option of taking mainstream composition courses (WAC101, ENG101, and ENG102). If students enter the university without taking an acceptable placement exam, the Accuplacer may be taken on campus at the University Testing and Scanning Services, located at 1130 E. University Dr. Suite 204 in Tempe, at regularly scheduled times. Contact the UTSS at 480.965.7146 to make an appointment.

Multilingual students who have taken the IELTS or PTEA exam should contact the Writing Programs Office at writingprograms@asu.edu or 480-965-3853 for assistance with registration.

Students who have taken the Advanced Placement Exam in English offered by the College Entrance Examination Board, the International Baccalaureate English A Exam, or the CLEP College Composition Exam, should visit the Credit by Exam Search section of the Transfer Credit Guide at <https://webapp4.asu.edu/transfercreditguide/app/searchbyexam> or information about placement into first-year composition courses.

B. Mathematics Course Placement Exams

Arizona State University requires the **Math Placement Test** to assess a student's prerequisite knowledge for placement into several mathematics courses up to and including first semester calculus. The instrument used for testing is a powerful assessment tool with artificial intelligence that zeros in on the strengths and weaknesses of a student's mathematical knowledge, reports placement score to the student and then, if necessary, provides the student with a learning environment for bringing this knowledge up to an appropriate level for the desired course placement by retaking the Math Placement Test.

| Placement in First-Year Composition will be determined as follows: | |
|--|--------------------|
| Exam Score: | Register For: |
| SAT Verbal 460 and below | WAC101 or WAC107 |
| SAT Read/Write 510 and below | WAC 101 or WAC 107 |
| ACT English 18 and below | WAC101 or WAC107 |
| TOEFL 550PBT / 213CBT / 79iBT and below | WAC107 |
| IELTS 6.0 and below | WAC 107 |
| PTEA 56 and below | WAC 107 |
| SAT Verbal 470-610 | ENG101 or ENG107 |
| SAT Read/Write 520-650 | ENG 101 or ENG 107 |
| ACT English 19-25 | ENG101 or ENG107 |
| TOEFL 560PBT / 220CBT / 83iBT and above | ENG101 or ENG107 |
| IELTS 6.5 and above | ENG 107 |
| PTEA 56 and above | ENG 107 |
| SAT Verbal 620 and above | ENG105 |
| SAT Read/Write 660 and above | ENG 105 |
| ACT English 26 and above | ENG105 |
| Accuplacer score 4 or below | WAC101 or WAC107 |
| Accuplacer score 5, 6, or 7 | ENG101 or ENG107 |
| Accuplacer score 8 | ENG 105 |

All incoming students must complete the **Math Placement Test** prior to enrollment unless they have transferred an equivalent prerequisite course for the one they intend to enroll in. The time limit to finish the assessment is 2 hours.

Registration, cont.

Veterans Educational Benefits

Veterans and eligible dependents must apply for veterans educational benefits and then verify their status with the Pat Tillman Veterans Center as soon as possible with each new semester. Distance Learning classes have veterans education benefit restrictions. Veterans cannot collect benefits for audited classes.

| All Campuses |
|---|
| Pat Tillman Veterans Center Tempe Campus Memorial Union, Lower Level, Room 75 |
| 480.965.7723 |

Student Identification

ASU Sun Devil Card Services

Arizona State University requires all on campus and extended campus students to obtain an official ASU ID card. Online students are required to have an approved photo on file with Sun Devil Card Services. On campus students may choose between the Pitchfork ID Card offered by MidFirst Bank[‡] or the basic Sun Card. The Pitchfork ID Card is an official ASU student photo ID and a Visa check card linked to a Sun Devil checking account. Both the Pitchfork ID Card and the basic Sun Card act as official university IDs and cost \$25*, which may be paid with MasterCard®, Visa® or through the student’s university account. As proof of identity, students need their ten-digit ASU ID number and a legal photo ID – driver’s license, military ID, passport, etc. – to obtain their ID card. Visit cardservices.asu.edu or email sundevildcardinfo@asu.edu for more information. Both the Pitchfork ID Card and the basic Sun Card contain an iCLASS® chip that allows easy access into classrooms and residence halls without the use of a key.

Do not punch holes in your card, or you will damage your card’s functionality.

The Pitchfork ID Card and the basic Sun Card can both be used for a variety of services.



| Card Uses | Pitchfork ID Visa® | Basic Sun Card |
|---|--------------------|----------------|
| Official ASU Student ID | * | * |
| Access to secure buildings | * | * |
| Access for meal plans** | * | * |
| Access for Maroon & Gold Dollars** | * | * |
| Access to Sun Devil Fitness Complexes | * | * |
| Access to academic advising | * | * |
| Access to library and check out | * | * |
| Accepted at Visa® locations worldwide | * | |
| Pay for campus health services | * | |
| Pay for campus parking services | * | |
| Pay for Sun Devil Campus Stores items | * | |
| Comes with Sun Devil checking Free to ASU students | * | |
| Free ATMs nationwide, including MidFirst ATMs on campus | * | |

*The \$25 fee for your card was included in your enrollment deposit. If you need to replace your Pitchfork ID Card or basic Sun Card, a \$25 fee will apply. All rules for obtaining a replacement ID card may be found at carservices.asu.edu.

** Maroon and Gold Dollars and meal plans are administered by Sun Devil Dining. Call 480-727-DINE (3463) or visit sundevildining.com

‡Member FDIC

Tuition and Fees

Admission Application Fees

Admission application fees are nonrefundable and must be paid at the time of application. These fees are subject to change.

Fall 2020 General Tuition*

General tuition, program-specific tuition, special class fees and mandatory registration fees are set annually by the Arizona Board of Regents. Visit the following websites for more information.

- General tuition and mandatory registration fee information— [Tuition and Fees](#)
- Program-specific information— [ASU cost Calculator](#)

Special class fees can be viewed online at the time of class registration

By registering for classes you agree to pay all applicable tuition and registration fees.

*All amounts presented in any University publications or web pages represent tuition and fees as currently approved. However, Arizona State University reserves the right to increase or modify tuition and fees without prior notice, upon approval by the Arizona Board of Regents or as otherwise consistent with Board policy and to make such modifications applicable to students enrolled at ASU at that time as well as to incoming students. In addition, all tuition amounts and fees are subject to change at any time for correction of errors.

Tuition Billing

Tuition charges will be billed on your student account and may be viewed online through [My ASU](#) after registration. From My ASU, select the “Finances” link on the upper left side.

By registering for classes you agree to pay all applicable tuition and registration fees.

If tuition is not paid by the applicable tuition due date, or financial aid is not awarded and accepted by the due date, you will be automatically enrolled in the ASU Payment Plan and charged a non-refundable enrollment fee of \$100 for resident students and \$200 for non-resident students. For students with accepted financial aid sufficient to cover tuition charges, financial aid will automatically pay tuition charges and no action is necessary. For students with accepted financial aid insufficient to cover tuition charges, payment in full is required by the due date to avoid automatic enrollment in the ASU Payment Plan. Refer to [Tuition and Billing Calendar](#) for your specific tuition payment due date.

Online Billing

Online billing provides reliable and secure access to billing statements any time of day from anywhere in the world along with immediate access to current account information. To view and pay your charges, login to [My ASU](#), select the link “Finances” on the upper left side, then click “Make a Payment”. Online billing statements are also available through QuikPAY by clicking “View Account”. Students are responsible to review their ASU e-mail account for notification of billing statements and to login to their student account on My ASU for current billing information. **Billing statements are not mailed.**

Students may authorize others to view and pay their ASU student account through QuikPAY. Log in to [My ASU](#), select the “Finances” link on the upper left side, then click “Make a Payment”. Once directed to QuikPAY select Authorized Payers from the left windowpane and enter the requested information for each person to be authorized on the account. Authorized Payers must have a valid email account.

eCheck Payments

eChecks are ASU’s preferred payment method and are accepted online with no service charge or additional cost to the student. Make eCheck payments on QuikPAY by logging in to My ASU ([my.asu.edu](#)), select the “Finances” link on the upper left side, then click “Make a Payment” to be directed to the online payment processor. eChecks are a fast and simple payment method that can be made from regular U.S. checking and savings accounts in U.S. dollars. Checks issued from money market accounts, credit card companies, mutual funds, brokerage accounts, home equity or other lines of credit cannot be processed as an eCheck. Additional information is available at [Payment Options](#).

Tuition and Fees, cont.

Credit Card Payments

ASU does not directly accept credit or debit card payments for tuition or other student account charges. The University has arranged for a third-party processor to accept Visa, MasterCard, Discover, and American Express credit and debit card payments online. The processor will charge a 2.4% service fee for credit and debit card payments in addition to the ASU payment amount. The service fee is not paid to ASU and is non-refundable, even if related payment to ASU is refunded. Credit and debit card payments may be made on QuikPAY by logging in to My ASU [My ASU](#). Click on the “Finances” link on the upper left side, then click “Make a Payment” to be directed to the online payment processor. Credit and debit card payments are not accepted by mail, in person, or over the phone.

International Payments

ASU has partnered with Flywire to offer a streamlined and cost effective payment method for you to make international payments to ASU through QuikPAY. Initiate your international wire transfer payment at least one week before the applicable due date to ensure timely receipt.

Personal Checks

Checks payable to Arizona State University and without restrictive endorsement are generally acceptable. Mail checks to Cashiering Services, Arizona State University, PO Box 870303, Tempe, AZ 85287-0303. Include your ASU ID number. Check payments should be mailed at least two weeks prior to the applicable tuition due date to avoid automatic enrollment in the ASU Payment Plan. Check payments are also accepted in person at all campuses. **See Tuition Hours and Locations on page 14.**

Residency Classification

Residency (tuition) status is determined at the time a student submits an application for admission to the University. Non-resident students who feel they qualify for resident tuition status must submit a completed residency petition no later than the last day of regular registration. For general information about the residency requirements, consult the ASU General Catalog or the web at [stu-dents.asu.edu/residency](https://students.asu.edu/residency). The residency petition is a complex process and you are encouraged to petition early. You are advised to submit the online residency petition, required supporting documentation, and your receipt for the \$50.00 non-refundable petition fee to the Residency Classification Office by the appropriate deadline date. The deadline for submitting a residency petition for Fall 2020 is August 26, 2020. Failure to petition by this deadline constitutes a waiver of the student’s rights for requesting residency reclassification or appeal for the current semester.

Citizenship or Lawful Presence Requirement

Arizona law requires that students who are seeking consideration for in-state tuition status or aid that is funded in part or in whole by state money to provide verification of citizenship, permanent residency or other lawful immigration status. Most students will be able to be verified through automatic processes such as the financial aid application ([FAFSA](#)). Students choosing to go through the FAFSA process should be verified no later than the beginning of July for the Fall term, December for the Spring term and May for the summer term. If the FAFSA has not cleared the verification requirement by the recommended month it is highly possible that documentation is still required.

Veterans Educational Benefits

Veterans and eligible dependents must apply for veterans educational benefits and then verify their status with the Pat Tillman Veterans Center as soon as possible with each new semester. Distance Learning classes have veterans education benefit restrictions. Veterans cannot collect benefits for audited classes.

| |
|--|
| All Campuses |
| Pat Tillman Veterans Center Tempe Campus Memorial Union Lower Level, Room 75 |
| 480.965.7723 |

Tuition and Fees, cont.

ASU Payment Plan

The ASU Payment Plan provides students with the option to budget payment of certain eligible university charges over several months. Eligible charges are tuition, housing, meal plan, parking decals and health insurance. Students may enroll themselves in the plan through [My ASU](#) or they will be automatically enrolled if tuition charges are not paid in full by the applicable due date. There is a per-semester non-refundable fee of \$100 for resident students and \$200 for non-resident students. For additional information, please visit [ASU Payment Plan](#). Please note, the enrollment fee is non-refundable, even if the student withdraws from classes.

All students are eligible to enroll in the ASU Payment Plan after they register for classes. Once a student enrolls for classes, he or she will not be withdrawn from classes during the current semester for non-payment. Students must withdraw from classes if they decide not to attend. If students enrolled in the plan do not make scheduled payments, monthly late fees will be assessed until the account is brought current on payments, registration in future semesters will be blocked, and access to other University services, such as official transcripts and diplomas, will be withheld.

Tuition Payment with Financial Aid

Financial aid is posted to your student account and used to pay tuition and other student account charges, with any excess financial aid immediately refunded to you. Any institutional charges incurred after financial aid disbursement are the student's responsibility to pay by the due date. Financial aid awards generally only pay charges in the semester for which the aid is intended, and you may be refunded excess financial aid for one semester and still have a balance owed for another semester. If you receive a refund, ensure that all charges have been paid by logging in to My ASU [My ASU](#) and select the "Finances" link on the upper left side.

For students with accepted financial aid sufficient to cover tuition charges, financial aid will automatically pay tuition charges and no further action is necessary. Students with unpaid tuition charges in excess of pending aid will be automatically enrolled in the ASU Payment Plan.

Note: If financial aid is not awarded and accepted by the tuition due date, tuition charges must be paid in full to avoid automatic enrollment in the ASU Payment Plan and assessment of the non-refundable ASU Payment Plan fee of \$100 for resident students and \$200 for non-resident students.

By registering for classes you agree to pay all applicable tuition and registration fees. Classes are not automatically cancelled for non-attendance or non-payment.

Taxability of Scholarships and Fellowships: Scholarships, grants, fellowships and stipends (but not loan funds) are taxable income to the recipient, except for the portion of these funds used for tuition, registration, other University fees, and books, supplies and equipment required for the courses being taken. Special tax regulations also apply to non-resident alien students and may require withholding of taxes at the time of aid disbursement to these individuals. Information on the taxability of scholarships can be obtained from the following IRS publications and forms: Publication 970, Tax Benefits for Education, Pub 519-U.S. Tax Guide for Aliens, Form 1040EZ and instructions - Income Tax Return for Single and Joint Filers with No Dependents, Form 1040NR and instructions - U.S. Non-resident Alien Income Tax Return. These publications and forms can be obtained from the Internal Revenue Service at their toll free number 1.800.829.FORM or online at www.irs.gov.

The Student Financial Assistance Withdrawal Policy will apply when a student receives financial aid funds and subsequently withdraws, drops out, takes an unapproved leave of absence, fails to return from an approved leave of absence, is expelled, or otherwise fails to complete the period of enrollment for which he or she was charged. **See page 8 in this handbook or online at [Financial Aid Payment](#).**

Students with loans who would like to cancel or reduce their loans must inform the Student Financial Assistance Office in person within 14 days of the disbursement.

Tuition and Fees, cont.

Tuition Payment with Prepaid or College Savings Plans

Prepaid or College Savings Plan payments made payable to Arizona State University are generally accepted. Mail checks to Cashiering Services, Arizona State University, PO Box 870303, Tempe, AZ 85287-0303. Include the student's ASU ID number. Prepaid or College Savings Plan payments should be mailed at least two weeks prior to the applicable tuition due date to avoid automatic enrollment in the ASU Payment Plan and assessment of the non-refundable payment plan fee. Notification to Arizona State University of pending payments by the Prepaid or College Savings Plan does not exempt a student from automatic enrollment in the ASU Payment Plan and assessment of the non-refundable payment plan fee.

Sponsorship by ASU Approved Governmental and Third-Party Agencies

Submit sponsorship authorization in person at the Student Accounts Office, by fax to 480.965.9242, or by e-mail sponsorbilling@asu.edu. Failure to do so by the tuition payment deadline will result in automatic enrollment in the ASU Payment Plan and assessment of a non-refundable enrollment fee of \$100 for resident students and \$200 for non-resident students. An acceptable letter of authorization must be submitted to the Student Accounts Office by **August 25, 2020**.

A **per semester** Sponsored Tuition Fee will be assessed to each sponsored student. Sponsored students are responsible for all tuition, fees, and late charges if the sponsoring agency fails to pay by the due date of the invoice. Questions about third party sponsorship may be directed to the Student Accounts Office. For additional information please visit <https://students.asu.edu/thirdpartysponsorships>.

International students who are required to carry student health insurance and are using coverage through their sponsor must receive approval from ASU Campus Health Services by e-mailing insurance@asu.edu.

Qualified Tuition Reduction Program

A Qualified Tuition Reduction Program is available to faculty and staff who are employed at least 50% time within the state University system, and to their spouses and dependent children. Employees must complete the Qualified Tuition Reduction Form every semester they attend, which can be obtained at Human Resources, the Student Accounts Office, or online at [HR Forms under Tuition Reduction Program](#). The completed form may be submitted to Student Accounts (Tempe Campus), Student Services Building Room 230, or at the West, Polytechnic, or Downtown Phoenix campus Cashiering Offices. The form may also be faxed to 480.965.9242 or emailed to tuitionreduction@asu.edu. The Qualified Tuition Reduction Program does not cover 100% of your tuition and fees. The outstanding portion of the tuition and fees will be billed on your student account and should be paid by the due date to avoid late fees. **Please submit early.**

Tuition Payment Hours and Locations

| Tempe campus | West campus | Polytechnic campus | Downtown Phoenix campus |
|---|---------------------------------|-----------------------------------|---------------------------------|
| Student Services Bldg, 2nd Floor | University Center Bldg, Ste 101 | Administration Building, Room 160 | University Center Bldg, Ste 112 |
| 1-855-278-5080 | 1-855-278-5080 | 1-855-278-5080 | 1-855-278-5080 |
| M-F 8:15am - 4:30pm | M-F 8:15am - 4:30pm | M-F 8:30am - 4:30pm | M-F 8:15am - 4:30pm |
| Offices are closed in observance of the following holidays: Labor Day—September 7, 2020 Veteran's Day—November 11, 2020 Thanksgiving—November 26-27, 2020 Holiday Break—December 24-25, 2020 | | | |

Tuition and Fees, cont.

Non-residents are not eligible for the Qualified Tuition Reduction Program. Please contact Residency Classification at 480.965.7712. Residency processing can be time-consuming, so apply early. You must be employed on the first day of the semester to be eligible for the Qualified Tuition Reduction Program. The Qualified Tuition Reduction Form must be processed by the Student Accounts Office on or before the first day of the session to qualify for reduced tuition. Forms submitted after the first day of the session will not be accepted and you will be held responsible for the full tuition and fees.

Graduate Assistants

Students identified as Research and Teaching Assistants receive tuition assistance if they meet employment and class enrollment requirements. RA/TA remissions do not cover 100% of tuition and fees. If eligible for a remission, the remaining tuition and fees will be billed on your student account with a **August 25, 2020** due date.

Differential Tuition and Program Tuition

Certain graduate, undergraduate, colleges and programs assess additional differential tuition and program tuition which differs according to college and/or program. Contact your program advisor for details on these fees or see the [Tuition Estimator](#).

Excess Hours Tuition

The Arizona Legislature enacted legislation in 2005 (A.R.S. § 15-1626) that establishes credit hour thresholds for undergraduate students who attend a public university in Arizona. Undergraduate students who enroll for credit hours beyond the applicable threshold of 145 hours are required to pay a tuition surcharge. The tuition surcharge is billed in addition to tuition, program tuition, mandatory fees and class fees. Please see the [Tuition and Fees](#) website for additional information.

Undergraduate College Fee 1-4

The Undergraduate College Fee is one of four fee categories based on a student's program of study. ASU conducted a comprehensive review of all instructional costs for every program. Programs of study with similar costs were grouped together, and those fees were averaged to determine an amount for each category.

Special Class, Hybrid, ocourse and icourse Fees

Special class, hybrid, ocourse and iCourse fees are assessed based on enrollment in specific classes. Class fees are published with each class through [class search](#).

Financial Aid Trust Fee

All students are assessed a mandatory financial aid trust fee as authorized by the Arizona Legislature to create a Financial Aid Trust Fund, from which Financial Aid Trust Grants are awarded under the usual aid eligibility criteria. Fees collected from students are matched by the State of Arizona. See the [Tuition and Fees Schedule](#) for additional information.

Technology Fee

All students are assessed a mandatory technology fee as authorized by the Arizona Board of Regents to fund technology initiatives and improve access on all campuses. See the [Tuition and Fees Schedule](#) for additional information.

Student Initiated Fee

ASU's student government leaders, on behalf of the students they represent, sought and received ABOR approval for the following Student Initiated Fees. Funding from these fees will be used to enrich the student experience.

Student Programs Fee

All students are assessed a mandatory student programs fee as authorized by the Arizona Board of Regents to provide funding for new or enhanced facilities and student support programming. See the [Tuition and Fees schedule](#) for additional information.

Recreation Fee

All students are assessed a recreation fee allowing access to recreation facilities on all four ASU campuses. See the [Tuition and Fees Schedule](#) for additional information. Faculty/staff who are attending classes and all online students are not assessed the recreation fee. Please contact the Student Recreation Complex at 480.965.8900 for information on how to become a member.

Tuition and Fees, cont.

Health and Wellness Fee

All students are assessed a health and wellness fee as authorized by the Arizona Board of Regents to enhance services for students who seek both preventative and acute care and to expand outreach and wellness education and services.

Student Service Facility Fee

All students are assessed a Student Services Facility Fee as authorized by the Arizona Board of Regents to provide funding for new and enhanced student service facilities. See the [Tuition and Fees Schedule](#) for additional information.

Student Athletic Fee

The Student Athletic Fee will fund reinvestment in academic support areas, strengthen undergraduate and graduate academic experiences, and enhance student engagement in athletics, including access to Sun Devil Athletics sporting events and enhanced game day experiences in Sun Devil Stadium, Wells Fargo Arena and other athletic venues. This fee was initiated and supported by Undergraduate Student Government and the Graduate and Professional Student Assembly.

Late Registration Fee

All students who register for Sessions A & C on **August 12, 2020** and after, will be **assessed a late registration fee of \$50.00**. For Session B, students who register after **October 6, 2020** will be assessed the late registration fee. Registration after the published deadline may be permitted under extraordinary circumstances if approved by an authorized College designee. Late registration fees are not refundable.

Tuition Receipt

For students requiring tuition receipts for insurance, reimbursement, or other reasons, login to [My ASU](#) and select the "Finances" link on the upper left side, then click the Tuition Receipt link. For in person assistance or additional documentation, see campus locations under "Tuition Payment Hours", page 14.

Delinquent Financial Obligations

Students with delinquent accounts will not be allowed to register for classes or obtain official transcripts or diplomas. The University reserves the right to involuntarily withdraw students with severely delinquent accounts from current semester courses. University billings not paid by the due date are subject to monthly late charges beginning 30 days past due and continuing monthly until paid in full. The monthly late charge for past due balances between \$20-\$50 is \$5, for balances between \$51-\$400 is \$10, for balances between \$401-\$1,000 is \$25, for balances between \$1,001-\$3,000 is \$50, for balances between \$3,001-\$5,000 is \$75, and for balances greater than \$5,000 is \$100. Former students with outstanding charges may be referred to an outside collection agency with late fee assessment continuing monthly until paid in full.

Returned Checks

A \$25 fee is assessed for returned checks and eChecks. Students with multiple returned checks or eChecks are subject to a permanent registration hold requiring advanced payment in secure funds prior to registration or access to other University services.

Student Health Insurance

Eligibility: Group Health insurance is available to:

- **Undergraduate students** registered for at least six units or have a consortium agreement to take courses at another qualified college with an overall credit hour total of at least six units
- **Graduate students** enrolled in degree or certificate programs, and taking at least three credit hours or one dissertation/thesis hour

Graduate, Teaching or Research Assistants who are offered insurance as part of their employment must enroll in the insurance, enrollment is not automatic.

Online students are not eligible for the student health insurance.

- **International student** enrollment in Student Health Insurance is mandatory and the cost of insurance is automatically

Tuition and Fees, cont.

added to registration fees. Waiver exception may be available. For additional information or waiver application <https://eoss.asu.edu/health/resources/international>.

Student Health Insurance enrollment is available through My ASU (my.asu.edu) by selecting Campus Services, Health and Wellness Resources. Once enrolled for Student Health Insurance, you will be automatically re-enrolled into the plan each subsequent semester once you have registered for classes as you must meet the eligibility requirements each semester. The premium will be billed to your student account.

Coverage may be added or dropped through the first 2 weeks of each semester/session. Complete withdrawal from the University on or before the end of this two week period may not result in automatic cancellation of student health insurance. To cancel or add insurance prior to the end of open enrollment, go to MyASU under Campus Services, Health & Wellness Resources. The insurance **cannot** be cancelled if complete withdrawal from the University occurs after this two week period or if the insurance has been utilized. You may also direct questions and concerns to insurance@asu.edu.

Additional information about coverage, eligibility, cost, payment options and coverage can be found at <https://eoss.asu.edu/health> or <https://www.aetnastudenthealth.com>, enter ASU.

Institutional Refund Policy

Tuition and Fees

Tuition and fees are subject to a 100% refund if enrollment is officially cancelled within the refund period. In the Fall and Spring semesters, for classes eight weeks or longer, the refund period is two weeks, and for classes shorter in length the refund period is one week. Please see the [Tuition Refund Policy](#) for additional information.

Beginning the first day of classes, undergraduate students are required to work with the College of their major to facilitate the withdrawal process.

The 100% refund period is one week for sessions shorter than eight weeks and dynamically dated classes. All refunds are less any amounts owed to the University and are subject to payment holding periods. Students withdrawing for medical or other extenuating circumstances must contact their college to initiate the process. Tuition is non-refundable after the first week of these sessions/classes.

The University provides a prorated refund for students receiving financial aid; therefore, the refund schedule is the minimum amount refundable to these students. Withdrawal or cancellation occurs on the calendar day that withdrawal is processed either in person at any Registrar site or online using My ASU. See the [Financial Aid Withdrawal Policy](#) for additional information.

Student Account Refund (Disbursement)

Financial aid is posted to your student account and used to pay University charges such as tuition, Residential Life, meal plan and health insurance fees. Refunds of excess financial aid will be processed beginning the week before classes and will continue to be processed throughout the semester. Any changes to your schedule that results in a fee increase or any other fees incurred after financial aid disbursement, will be your responsibility to pay by the due date. You may view details of your student account, including financial aid refunds, by logging into [My ASU](#) select the “Finances” link on the upper left side, and select the Refunds link.

Note: To receive your financial aid refund beginning the week before classes, you must register for classes, complete your financial aid packet, and accept your loans at least two weeks before the semester begins. Financial aid refunds will be mailed or direct deposited to your bank account.

Refund by direct deposit to your bank account is available and is the most convenient way to receive student account refunds. Direct deposit enrollment is available at My ASU [My ASU](#) by selecting the “Finances” link on the upper left side, and clicking “Direct Deposit” in the Financing Tasks box under “Manage Payments”. Further information is available at [Tuition and Billing](#) or in the Student Accounts Office on the 2nd floor of the Student Services Building (Tempe campus). Direct deposit enrollment must be completed a minimum of two weeks prior to your refund being issued. For students not enrolled in direct deposit, or who do not meet the direct deposit enrollment deadline, refund checks will be mailed. Keep your mailing address up to date to ensure that refund checks are received in a timely manner. View and update your address on My ASU by clicking on “My Profile” in the top-right corner. If you request a replacement check there is a \$20 per check reissue fee. **All student account refund checks will be mailed.**

Transportation Options

For all transportation-related inquiries, including bicycling on campus, free campus shuttle services, parking permit locations and rates, Valley Metro transit passes and visitor parking, please visit the ASU Parking and Transit Services website at parking.asu.edu.

| Downtown Phoenix campus | Polytechnic campus | Tempe campus | West campus |
|--|---|--|---|
| University Center Suite 116 411 N. Central Avenue Phoenix, AZ 85004 | Quad 4 7107 E. Tiburon Mesa, AZ 85212 | University Towers 525 S. Forest Avenue Tempe, AZ 85281 | North Services Building 4776 W. University Way North Glendale, AZ 85306 |
| 480-965-6124 | 480-965-6124 | 480-965-6124 | 480-965-6124 |

Campus Maps

Utilizing www.asu.edu/map is a great resource for finding your way around any of the ASU campuses, finding public parking, wireless computing zones, buildings and facilities such as bookstores, computer labs, and more. By clicking on the link below, you can use the tabs at the top of the page to see the individual map of each location.

| |
|--|
| <p>Tempe campus, West campus, Polytechnic campus, Downtown Phoenix campus, Research Park, and Skysong</p> |
| <p>http://www.asu.edu/map/interactive/</p> |

Ombudspersons

While all faculty and staff within the University community serve to facilitate matters, the following individuals have been designated to serve as ombudspersons (impartial fact-finders and problem solvers). They have no power to reverse or change decisions but have conciliation skills to help resolve matters.

| | | | |
|-----------------------------------|-----------------------|--|--------------|
| Chair | To Be Determined | College of Liberal Arts and Sciences | |
| Academic / Student Affairs | Jeffery Banner | College of Liberal Arts and Sciences | 480.965.6505 |
| | Kaylen Cons | Student Services | 480.965.5302 |
| | Elaine Rostad | Student Services | 602.496.2153 |
| For Online Students | Joseph Chapman | Student Services | 480.884.1609 |
| Academic Professionals | Richard Filley | Ira A. Fulton School of Engineering | 480.727.5252 |
| Staff Personnel | Michelle Johnson | ASU Gammage | 480.965.5062 |
| Tempe Campus | Barzin Mobasher | Ira A. Fulton School of Engineering | 480.965.0141 |
| | To Be Determined | College of Liberal Arts and Sciences | |
| | Ajith Kumar | W.P.Carey School of Business | 480.965.5544 |
| West Campus | Duku Anokye | New College of Interdisciplinary Arts and Sciences | 602.543.6020 |
| | Douglas Kelley | Social and Behavioral Studies | 602.543.6641 |
| Polytechnic Campus | To Be Determined | College of Technology and Innovation | |
| | Ian Moulton | Integrative Sciences and the Arts | 480.727.1172 |
| Downtown Campus | Janet O'Brien | College of Nursing and Health Innovation | 602.496.1415 |
| | Edwin Gonzalez-Santin | College of Public Service and Community Solutions | 602.496.0101 |
| | Kevin Ellsworth | School of Letters and Sciences | 480.727.7090 |

University Policies

Family Educational Rights and Privacy Act

General Information

The federal Family Educational Rights and Privacy Act (also known as FERPA, and/or the Buckley Amendment) affords students certain rights with respect to their education records. They are:

1. The right to inspect and review the student's education records within 45 days of the day the University receives a request for access.

Students should submit to the registrar, dean, head of the academic department, or other appropriate official, written requests that identify the record(s) they wish to inspect. The University official will make arrangements for access and notify the student of the time and place where the records may be inspected. If the records are not maintained by the University official to whom the request was submitted, that official shall advise the student of the correct official to whom the request should be addressed.

Note: Students must provide photo identification in order to access their education records.

2. The right to request the amendment of the student's education records that the student believes are inaccurate or misleading.

Students who believe their record is inaccurate or misleading should write to the University official responsible for the record. Clearly identify the part of the record they want changed, and specify why it is inaccurate or misleading.

If the University decides not to amend the record as requested by the student, the University will notify the student of the decision and advise the student of his or her right to a hearing about the request for amendment. Additional information about the hearing procedures will be provided to the student when notified of the right to a hearing.

Note: FERPA does not address grade disputes or grievances which are pursued through other University and/or college procedures.

3. The right to consent to disclosures of personally identifiable information contained in the student's education records, except to the extent that FERPA authorizes disclosure without consent.

One exception which permits disclosure without consent is disclosure to school officials with legitimate educational interest. School officials are administrators, faculty, professional staff, academic advisors, clerical or support employees, including ASU law enforcement unit personnel and ASU health staff, volunteers, a person or company with whom the University has contracted as its agent, acting with legitimate educational interest to provide a service instead of using University employees or officials (such as an attorney, auditor, collection agent, service provider); a person serving on the Board of Regents; staff in the Alumni Association and ASU Foundation offices, or a student serving on an official committee, such as a disciplinary or grievance committee, or assisting another school official in performing his or her tasks.

Additional exception categories may be found in SSM 107-01: Release of Student Information which is located on the web at <http://www.asu.edu/aad/manual/ssm/ssm107-01.html>

A school official has a legitimate educational interest if the interest in an education record is justified under one or more of the following conditions:

- The information or records requested are relevant and necessary to accomplish some task or determination related to the legitimate educational interest of the student;
- the official needs to review an education record in order to fulfill his or her professional responsibilities for the University;
- the task or determination is an employment responsibility or a properly assigned subject for the inquirer's determination and/or
- the task or determination is consistent with the purpose for which the records, information, or data are maintained.

Note: A parent of a dependent student may challenge denial of access to the dependent student's record by producing the most current copy of Internal Revenue Form 1040. (Dependency is defined in Section 152 of the Internal Revenue Code.) If that form lists the student in question as a dependent, the parent

University Policies, cont.

will be required to sign an Affidavit of Dependency which affirms that the student is his/her tax dependent. The affidavit will be retained by the University Registrar Services and must be renewed each tax year. Upon receipt of these documents, the dependent student records will be made available to the parent as specified under FERPA.

4. The right to file a complaint with the U.S. Department of Education concerning alleged failures by Arizona State University to comply with the requirements of FERPA. Students are encouraged to first contact the University Registrar's Administration Office at 480.965.7302. A complaint may be filed with the Department of Education at the following address:

Family Policy Compliance Office

U.S. Department of Education

400 Maryland Avenue, SW

Washington, DC 20202

Definitions:

Student is any individual formally admitted and is or has been in attendance at ASU. The term does not apply to applicants for admission, nor does it apply to persons who have been admitted but who have not registered.

Education Record is any record(s) directly related to a student and maintained by Arizona State University or by a party acting for the University. This includes any information or data recorded in any medium, including, but not limited to: handwriting, print, computer media, video or audio tape, film, microfilm, and microfiche.

Directory Information (or releasable information) is general information that may be released to anyone without the consent of the student, unless the student indicates otherwise, except to the extent that FERPA authorizes disclosure without consent, including:

- Student Name
- Addresses (e.g., local, home, mailing and ASU e-mail, including directory number)

- Telephone Number(s)
- Date of Birth
- College
- Major
- Academic Level
- Dates of Attendance
- Enrollment status (e.g., undergraduate or graduate, full-time or part-time)
- Most Recently Attended Institution
- Participation in Officially Recognized Activities/Sports
- Weight/Height of Members of Athletic Teams
- Degrees, Honors and Awards Received (including Dean's List, National Merit, National Achievement, and National Hispanic Scholars)

Personally Identifiable Information (or non-releasable information) includes all information not defined as directory information, plus any information including directory information that the student has instructed ASU not to release. Personally identifiable information may not be released without the prior written consent of the student, except to the extent that FERPA authorizes disclosure without consent.

Student Control of Directory Information

Students may control release of directory information by submitting the appropriate form to any University registration location.

Unless otherwise requested, a student's name, email address, academic level, college and major may appear in the directory of faculty, staff, and students on ASU's web directory. To avoid the release of directory information in the directory, complete the appropriate form located at students.asu.edu/forms/withhold-directory-information-request.

University Policies, cont.

ASU has a policy that regulates and permits the sale of enrolled student directory information only through the University Registrar's Office. Unless otherwise directed by the student, directory information is subject to sale to outside purchasers.

Students accessing education records or receiving University services must provide proof of identification.

Questions or requests for additional information may be directed to any University registration location. Additional information, including FAQ's, is available on the web at <http://students.asu.edu/policies/ferpa>.

ACD 401: Prohibition Against Discrimination, Harassment, and Retaliation

Arizona State University is committed to providing an environment free of discrimination, harassment, or retaliation for the entire university community, including all students, faculty member, staff employees, and guests. ASU expressly prohibits discrimination, harassment, and retaliation by employees, students, contractors, or agents of the university based on any protected status: race, color, religion, sex, national origin, age, disability, veteran status, sexual orientation, gender identity, and genetic information.

Inappropriate conduct need not rise to the level of a violation of federal or state law to constitute a violation of this policy and to warrant disciplinary action/sanctions.

All employees, students, volunteers, contractors and agents are responsible for participation in and assisting with creating and maintaining an environment at ASU free from all forms of prohibited discrimination, including harassment and retaliation.

ACD 402: Romantic or Sexual Relationship Between Faculty Members and Students.

ACD 815: Romantic or Sexual Relationships Between Staff/Volunteers and Students

TA/RA Handbook: Prohibition of Amorous Relationships

SPP 205: Nepotism and Relationships Between Employees

No employee of the university may hire, review, supervise, direct, discipline, promote, influence, or participate in decisions involving hire, retention, supervision, promotion, evaluation or compensation of a relative or member of the employee's established household, or a person with whom the employee is in a romantic or sexual relationship.

Additionally, all employees, including Faculty, staff and volunteers as well as TA/RA's are prohibited from engaging in a romantic or sexual relationship with a student over whom they exercise, or can reasonably be expected to exercise, academic or employment authority or influence. Such authority or influence includes,

but is not limited to, employment-related decisions such as hiring, evaluation or discipline, and academic-related decisions such as grading, transfers, evaluations, formal mentoring or advising, supervision of research, employment of a student as a research or teaching assistant, exercising substantial responsibility for honors or degrees, or considering academic disciplinary action involving the student.

Title IX Compliance

Title IX of the Education Amendments of 1972 protects individuals from discrimination based on sex in any educational program or activity operated by recipients of federal financial assistance. Sexual harassment, which includes acts of sexual violence, is a form of sex discrimination prohibited by Title IX. ASU does not discriminate on the basis of sex in the employment, education programs or activities it operates.

ASU is committed to providing an environment free from discrimination based on sex and provides a number of resources and services to assist students, faculty and staff in addressing issues involving sex discrimination, including sexual violence.

Sexual violence, sexual harassment, stalking and relationship violence have a profound impact on a victim's academic, social, working, and personal life, and negatively affects victims' friends and families, other students, co-workers, and members of the university community. To combat this complex social problem, ASU provides a variety of resources and education programs designed to prevent sexual violence and other acts of sexual misconduct, including sexual harassment, provide information about what to do when an incident has occurred, and increase awareness of campus and community resources for support and response. For information about specific resources, educational opportunities, and policies and procedures, please go to ASU's Sexual Violence Awareness and Response website at: <https://sexualviolenceprevention.asu.edu/>

Discrimination Complaints

Complaints of alleged discrimination in employment and educational programs and activities on the basis of race, color, religion, national origin, sex, gender identity, sexual orientation, age, disability, and qualified veteran statuses may be referred to the offices listed on the following page for review, investigation and resolution.

No Retaliation

A report of alleged discrimination can be made without fear of jeopardizing the employment or academic standing of an employee or student.

University Policies, cont.

File a Complaint

Any incidents that include faculty or staff can be reported to the Office of University Rights and Responsibilities (URR). Reporting to URR can be done in addition to reporting to the police for criminal prosecution. File an incident report with the Office of University Rights and Responsibilities at 480-965-5057 or urr@asu.edu.

| Against an ASU Student | Downtown Phoenix | Polytechnic | Tempe & Online Students | West |
|---|---------------------------------------|---|---|--|
| Contact the office of student rights and responsibilities on your campus: | Post Office, Room 243 602-496-0670 | Administration Bldg, Room 102 480-727-5269 | Student Services Bldg, Room 263 480-965-6547 | University Center Bldg, Room 301 602-543-8152 |

File a Criminal Complaint

| | |
|------------|--|
| ASU Police | 325 E. Apache Blvd., Tempe, AZ 85287-1812 Emergency: 911 Non-emergency: 480-965-3456 |
|------------|--|

Additional questions can be directed to:

TITLE IX COORDINATOR AND SPECIAL COUNSEL

Jodi Preudhomme, Office of the President
PO Box 877705
Tempe, AZ 85287-7705
480.965.0696/480.965.0865 fax
Jodi.Preudhomme@asu.edu

Accommodations for Students with Disabilities

Students with disabilities attending ASU, regardless of location (on site or online), can utilize the Disability Resource Center (DRC). To facilitate access to programs and services at ASU from the first day of classes, students with disabilities should use the following process:

- Register for classes on their assigned Registration Date, and
- Make sure you are registered with the DRC office
- Request accommodations from the DRC immediately following enrollment (please note, you need to request accommodations each semester).

Note: Some accommodations, including but not limited to: alternative print formats, (e.g., Braille, e-text, large print), interpreting services, lab materials conversions, assistive technology, and the hiring of lab assistants, may require up to one semester in preparation time.

Returning Students: Go to <https://eoss.asu.edu/drc>, sign into DRC Connect to request accommodations for ASU classes.

New Students: Go to <https://eoss.asu.edu/drc>, select DRC Connect link and submit a “New Student Application” to initiate your registration with the DRC. Make sure to use your ASURITE username and password. If you have questions, do not hesitate to contact us.

Contact Information: You can reach any of our Disability Resource Center offices by utilizing the information below:

drc@asu.edu
(480) 965-1234

| Tempe campus | West campus | Polytechnic campus | Downtown Phoenix campus & Tucson School of Social Work |
|---|--------------------------------------|-----------------------|--|
| Matthews Center, 1st floor | University Center Building, Room 304 | Sutton Hall, Room 201 | POST 201 |
| Monday–Friday / 8:00am–5:00pm Academic Catalog Archive 2020-2021 | | | 126 |

Directory of Selected Campus Services, Resources, and Contacts

| Campus | Phone | Email | Location | Mailing Address |
|-------------------------------|---------------------|--|--|---|
| Tempe campus | 480.965.9011 | askasu@asu.edu | University Dr. and Mill Ave., Tempe, AZ | See: asu.edu/contactasu/addressing |
| West campus | 602.543.5500 | westinfo@asu.edu | 4701 W. Thunderbird Rd., Glendale, AZ 85306 | PO Box 37100, Phoenix, AZ 85069-7100 |
| Polytechnic campus | 480.727.3278 | poly@asu.edu | Power Rd. and Williams Field Rd., Mesa, AZ | 7001 E. Williams Field Rd, Mesa, AZ 85212 |
| Downtown Phoenix campus | 602.496.INFO (4636) | askdpc@asu.edu | 411 N. Central Ave., Phoenix, AZ 85004 | See: asu.edu/contactasu/addressing |
| University Registrar Services | | | | |
| Campus | Phone | Fax | Location | Mailing Address |
| Tempe campus | 480.965.3124 | 480.965.7722 | Student Services Bldg, Rm 140 | PO Box 870312, Tempe, AZ 85287 |
| West campus | 602.543.8203 | 602.543.8312 | University Center Bldg, Rm 101 | PO Box 37100, Phoenix, AZ 85069 |
| Polytechnic campus | 480.727.1142 | 480.727.1008 | Administration Bldg | 5990 S. Sterling Mall, Mesa, AZ 85212 |
| Downtown Phoenix campus | 602.496.4372 | 602.496.0376 | University Center Bldg, Rm 130 | 411 N. Central Ave. Ste 130, Phoenix, AZ 85004 |
| Residency Classification | | | | |
| Campus | Phone | Fax | Email | Location and Mailing Address |
| Tempe campus | 480.965.7712 | 480.727.6630 | residency@asu.edu | Student Services Bldg, Rm 140 PO Box 870312 Tempe, AZ 85287 |
| Student Business Services | | | | |
| Department | Phone | Fax | Location | Mailing Address |
| Collections | 480.965.5220 | 480.965.4587 | Student Services Bldg, Rm 234 | PO Box 870303 Tempe, AZ 85287-0303 |
| Student Financial Assistance | | | | |
| Campus | Phone | Fax | Email | Location and Mailing Address |
| Tempe campus | 855.278.5080 | 480.965.9484 | N/A | Student Services Bldg, 2nd Floor PO Box 870412 Tempe, AZ 85287 |
| West campus | 855.278.5080 | 480.965.9484 | N/A | University Center Bldg, Rm 101 PO Box 37100 Phoenix, AZ 85069 |
| Polytechnic campus | 855.278.5080 | 480.965.9484 | N/A | Administration Bldg 5990 S. Sterling Mall Mesa, AZ 85212 |
| Downtown Phoenix campus | 855.278.5080 | 480.965.9484 | N/A | University Center Bldg, Rm 166 411 N. Central Ave., Phoenix, AZ 85004 |
| Student Employment Office | | | | |
| Campus | Phone | Fax | Email | Location and Mailing Address |
| Tempe campus | 480.965.5186 | 480.965.9816 | seo@asu.edu | Student Services Bldg, 2nd Floor PO Box 870412, Tempe, AZ 85287 |

Student Right to Know Act and Higher Learning Commission Data

As part of the federal Student Right to Know Act, institutions receiving Title IV funding are required to disclose certain information, such as completion or graduation rates of degree-seeking, full-time students entering the institution, to current and prospective students. Similarly, the Higher Learning Commission requires that institutions publish student achievement information, such as completion rates, job placement rates or other information useful for current and prospective students. In furtherance of those mandates, the following “Facts About ASU” section provides valuable consumer information about the success of ASU’s students.

Facts About ASU

Arizona State University enjoys a national reputation as a leading research institution. ASU produces more graduates than any other university in the state. Students from around the nation and the world choose ASU because of its diversity and quality of academic, student, and research programs, a beautiful campus setting, and the value of the ASU degree in today’s world.

Academic Environment

ASU offers 199 bachelor’s degree programs, 215 master’s degree programs, 89 doctoral programs, and one law degree program.

Undergraduate Students

ASU enrolled 15,606 first-year students for the Fall 2019 semester. **Of the first-year students, 27.1% graduated in the top 10% of their high school class.** The average ACT composite score of full-time first-year student is 24. The average SAT combined score is 1220.

ASU enrolled 13,337 new transfer students for the Fall 2019 semester with 31.4% of the new transfers coming from community colleges in Arizona.

The graduation rate for 2014 lower division transfer students graduating in 5 years or less was 58.5%

The graduation rate for 2015 upper division transfer students graduating in 4 years or less was 69.9%

Undergraduate Enrollment

ASU enrolled 96,727 undergraduates in the Fall 2019 semester.

Seniors (Seniors: 33,968; Juniors: 26,577; Sophomores: 18,855; Freshmen: 16,677) compose the largest class, representing more than a quarter of the student body and over a third of the undergraduate enrollment. ASU enrolled students from every state and from 116 countries in the Fall 2019 semester.

Undergraduate Student Profile

41.8% are from ethnic minority backgrounds

4.9% are international students

The average age is 24.

Graduate Enrollment

ASU enrolled 23,252 graduates in the Fall 2019 semester

Graduate Student Profile

28.6% are from ethnic minority backgrounds.

21.1% are international students.

Student Athlete Profile

For information on student athlete graduation rates, please visit the following webpage

<http://www.ncaa.org/about/resources/research/graduation-rates>

Degrees Awarded

In 2018-2019, ASU awarded 19,340 bachelors, 7,149 masters, 714 doctoral and 282 law degrees.

The graduation rate for 2013 full-time first-year students graduation in six years or less was 67.0%. Information on students who transfer out from ASU is not recorded, therefore is not available.

The six-year graduation rate for 2013 full-time first-year students receiving Pell grants, receiving subsidized Stafford Loans but no Pell grant, and receiving neither Pell grant nor Stafford loan was 58.3%, 62.5% and 73.1% respectively.

Career and Professional Development Services

ASU’s Career and Professional Development Services posts career outcomes data at the following address:
<https://career.asu.edu/>

University Policies

Academic Integrity

At Arizona State University, we place great value on the research and scholarship of our students and faculty and are committed to a culture of academic integrity and scholarly ethics. We welcome you into our culture of academic excellence and integrity and hope you will help foster and promote ethical and honest behavior in connection with your scholarly work and interactions with your peers.

Academic integrity video on Youtube [1].

What is Academic Integrity?

No matter what stage of your educational or professional career pursuits, acting with integrity is a cornerstone of leadership and good citizenship. Integrity is a character-driven commitment to honesty, doing what is right, and guiding others to do what is right. Arizona State University students and faculty are expected to act with integrity in their educational pursuits.

Academic dishonesty falls into five broad areas that include but are not limited to:

1. Cheating on an academic evaluation or assignment.
2. Plagiarizing [2].
3. Academic deceit, such as fabricating data or information.
4. Aiding academic integrity policy violations and inappropriately collaborating.
5. Falsifying academic records.

It is important that you understand what constitutes a violation of academic integrity. The ASU community is here to help you stay informed and to provide resources to avoid these kinds of violations. Please read ASU's academic integrity policy found here and visit the student resource page found here.

Mostly importantly, if you are not sure if something is really cheating, ask your professors, academic integrity officers, T.A.s or academic advisors.

ASU Student Honor Code

[Archivist's note: embedded Google slides presentation; no link available]

Source URL: <https://provost.asu.edu/academic-integrity>

Links:

[1] https://youtu.be/_re07sKys_o

[2] <https://provost.asu.edu/academic-integrity/resources/students#avoiding-plagiarism>

Student Honor Code

The ASU student honor code affirms the commitment of ASU students to uphold the values, principles, and ethics of academic integrity.

Honor Code

“We, the students of Arizona State University, adopt this code as an affirmation of our commitment to academic integrity and our participation in ethical education.

We embrace our duty to uphold ASU's Honor Code, and in light of that duty,

We promise to refrain from academic dishonesty.

We pledge to act with integrity and honesty and to promote these values among our peers. We agree to always abide by the Sun Devil Way [1] and uphold the values of the New American University [2].”

[Archivist's note: embedded Google slides presentation; no link available]

Source URL: <https://provost.asu.edu/academic-integrity/honor-code>

Links:

[1] <https://eoss.asu.edu/sundevilway>

[2] <https://newamericanuniversity.asu.edu/about/asu-charter-mission-and-goals>

Why is Academic Integrity Important?

Foundational Value

Academic integrity is a fundamental value and is paramount to your success as a student. Protecting the ASU community from violations of academic integrity is everyone's responsibility.

Academic Integrity Violations negatively impact:

You as a student

If you cheat in a course or another academic exercise, you are taking away your opportunity to learn, develop and improve your skills, and obtain an educational degree that reflects your own academic achievements.

The ASU community

ASU is an intellectual community focused on teaching, research and the values of the New American University. The creation, transmission, sharing and applying of knowledge are central activities of the community. Cheating violates fundamental values of the university community.

Future employers, clients or patients

Cheating can hurt the people you will work with in the future. You are preparing for careers where you will provide services to others—legal, journalistic, medical, research, etc. If you do not learn how to do this work, you have cheated your future employers and clients of a knowledgeable professional.

Student Policy

Why is academic integrity important? video on YouTube [1]

Keon McGuire, Assistant Professor in Mary Lou Fulton Teacher College, shares why academic integrity is important. We want your time spent here at ASU to be enriching, engaging and full of wonderful educational experiences that prepare you for your future.

What is a violation of the academic integrity policy?

Academic dishonesty falls into five broad areas that include but are not limited to:

1. Cheating on an academic evaluation or assignment.
2. Plagiarizing.
3. Academic deceit, such as fabricating data or information.
4. Aiding academic integrity policy violations and inappropriately collaborating.
5. Falsifying academic records.

What are the consequences?

At Arizona State University, academic honesty is expected of all students in all examinations, papers, academic transactions and records. The possible sanctions include, but are not limited to: appropriate grade penalties, loss of registration privileges, disqualification and dismissal. ASU strictly adheres to the academic integrity policy. This policy sets forth the ASU Student Academic Integrity Policy and appeal procedures.

[View full policy \[2\]](#)

Additional policies to be aware of:

Student Code of Conduct

Violations of the ASU Student Code of Conduct, other than the provision concerning academic dishonesty, are more generally considered inappropriate behavior. The Office of Student Rights and Responsibilities [3] reviews and sanctions these matters. If a student violates both the academic integrity provision and additional provisions of the Student Code of Conduct, both the college and the Office of Student Rights and Responsibilities will review the matter. Each independently makes determinations concerning violations and appropriate sanctions.

Misconduct in Research

For graduate students and undergraduates involved in research, there can be overlapping areas between Academic Integrity Policy violations, responsible conduct of research and research misconduct. The five areas listed above describe the kinds of Academic Integrity Policy violations and are handled under the ASU Student Academic Integrity Policy by faculty members, colleges and the provost.

If a student is working on a federally-funded research project, some of these items may also be considered misconduct in research [4]. Misconduct is defined as:

Fabrication, falsification, plagiarism and other practices that seriously deviate from those that are commonly accepted within the academic community for proposing, conducting or reporting research. Instances of honest error and honest differences in interpretations or judgments of data are not considered misconduct. (From RSP 004: Definitions [5])

A student who violates both ASU's Misconduct in Research Policy and Student Academic Integrity Policy will be reviewed by both the college and the Office of Knowledge Enterprise Development's Office of Research Integrity and Assurance [6] (ORIA). Each independently makes determinations concerning violations and appropriate sanctions.

In addition, some actions might be considered violations of the norms of responsible conduct of research, but not Academic Integrity Policy violations or misconduct in research. Many of these incidents fall into the general category of "collaborator disputes." For example, if a doctoral graduate of ASU continued a line of research begun at ASU in a new lab external to ASU, and the ASU mentor objected, generally speaking the matter would be addressed as a collaborator dispute, rather than as an Academic Integrity Policy violation or misconduct in research. Many conflicts over appropriate authorship credit on publications also fall into this area.

Source URL: <https://provost.asu.edu/academic-integrity/impact>

Links:

- [1] https://youtu.be/XI_LGLFhPPc
- [2] <https://provost.asu.edu/academic-integrity/policy>
- [3] <https://eoss.asu.edu/dos/srr>
- [4] <http://www.asu.edu/aad/manuals/rsp/rsp210.html>
- [5] <http://www.asu.edu/aad/manuals/rsp/rsp004.html#misconduct>
- [6] <https://researchintegrity.asu.edu/>

Student Policy

At Arizona State University academic honesty is expected of all students in all examinations, papers, academic transactions and records. The possible sanctions include, but are not limited to: appropriate grade penalties, loss of registration privileges, disqualification and dismissal. ASU strictly adheres to the academic integrity policy. This policy sets forth the ASU Student Academic Integrity Policy and appeal procedures.

A. Purpose

1. This Policy sets forth the ASU Student Academic Integrity Policy and appeal procedures. These procedures are designed to encourage a fair and appropriate process for student and faculty to resolve allegations of academic dishonesty. They may be modified in individual cases, so long as the student is provided notice and an opportunity to respond to allegations of academic dishonesty.
2. This Policy does not apply to differences of opinion over grades issued by an instructor.

B. Definitions

Academic Deceit Any deceptive or fraudulent act that creates or attempts to create an advantage or disadvantage for any member of the academic community.

Academic Evaluation Any academic assignment, project, paper, performance, quiz, exam, comprehensive exam, candidacy exam, thesis, dissertation, clinical or internship experience, or other evaluation assigned or offered for credit (including extra or optional credit), intended to fulfill an academic requirement, or considered by the University to provide academic or research experience (such as a paid research position).

Academic Integrity Officer The person responsible for managing the academic integrity investigation and adjudication process in a College or School. The Academic Integrity Officer works with both the student and Instructor to ensure that all procedures are followed. The Academic Integrity Officer is responsible for guiding both the student and Instructor through the investigation and adjudication process. The Academic Integrity Officer may pursue the academic dishonesty allegation if, for any reason, the Instructor is unable or unwilling to do so.

Advisor An individual selected by the student to assist him/her during the academic integrity process. The advisor may be a faculty or staff member, student, or other representative of the student.

College/School Board College or School Board is appointed by the academic Dean to review allegations of academic dishonesty. Each College or School Board is a standing committee comprised of faculty members and at least one student.

University Academic Integrity Hearing Board Hearing board appointed by the Provost or designee to review allegations of academic dishonesty, typically through student appeals from a College/School Board.

Instructor An academic supervisor or any person holding a faculty appointment as defined in the Arizona State University Academic Affairs Manual and is responsible for or authorized to conduct an academic evaluation. The Academic Integrity Officer may take the place of the Instructor throughout this process.

Day University business day, not including Saturday, Sunday, any officially recognized university employee holiday, or any day the University is closed.

C. Student Obligations

1. All students must act with honesty and integrity. ASU believes that any form of Academic Dishonesty negatively impacts not only the student involved but all ASU students. The ASU student honor code affirms this commitment to integrity and can be found here.
2. Academic Dishonesty includes attempting or engaging in the following:
 - a. Academic Deceit;
 - b. Referring to unauthorized materials, sources, or devices (e.g., Internet resources, computer disks, audio recorders, cellular phones, personal electronic devices, text messages, crib sheets, calculators, solution manuals, materials from previous classes, or commercial research services) during an Academic Evaluation;
 - c. Possessing, reviewing, buying, selling, obtaining, posting on a site accessible to others, reviewing materials from a site accessible to others, or using, without appropriate authorization, any materials intended to be used for an Academic Evaluation in advance of its administration;
 - d. Using a substitute or acting as a substitute for another person in any Academic Evaluation;
 - e. Relying on the aid of others, including other students, tutors, or for-hire agents, in connection with any Academic Evaluation to the extent that the work is not representative of the student's abilities;
 - f. Providing inappropriate aid to another person in connection with any Academic Evaluation, including the unauthorized use of materials, cellular phones, text messages, photocopies, notes, or other means to copy or photograph materials used or intended for Academic Evaluation;
 - g. Plagiarism, or the use of another's words, ideas, materials, or work from the Internet or any other source without properly acknowledging and documenting the source. Students are responsible for knowing the rules governing the use of another's work or materials and for acknowledging and documenting the source appropriately.
 - h. Claiming credit for or submitting work done by another or through the unauthorized use of technology;
 - i. Signing an attendance sheet for another student, allowing another person to sign on the student's behalf, or otherwise obtaining credit for attendance for oneself or another without attending;
 - j. Falsifying or misrepresenting hours or activities regarding an internship, externship, field experience, clinical activity, or similar activity; or
 - k. Attempting to influence or change any Academic Evaluation, or academic record for reasons having no relevance to academic achievement.

D. Academic Dishonesty Investigation and Procedures

1. Anyone with a good faith basis for believing that a student has engaged in Academic Dishonesty may report the alleged violation to the Instructor or Academic Integrity Officer for the college or school in which the Academic Dishonesty occurred.
2. If the Instructor or Academic Integrity Officer conclude that there is a sufficient basis to believe the student engaged in Academic Dishonesty, the Academic Integrity Officer will notify the student of the alleged violation and initiate the investigative process.
3. Before concluding the investigation, the Academic Integrity Officer will provide the student a summary of the information gathered. The student will have 5 business days after the notice was sent to respond on his/her own behalf to the allegation.
4. At any point in the process, the student can contact the Academic Integrity Officer to seek consultation or clarification.
5. The student may be accompanied by an Advisor at any point in the process. The Advisor is not permitted to participate directly or speak for the student.
6. Once the investigation is complete, in consultation with the Academic Integrity Officer, the instructor will recommend a sanction. The student will be notified of the result of the investigation and the sanction to be imposed, if any.

E. Sanctions and Appeal

1. The following sanctions may be imposed for Academic Dishonesty:

- a. Reduced or failing grade for the Academic Evaluation;
 - b. Reduced or failing grade for the course.
 - c. An XE grade as described in section K below;
 - d. Withdrawal of credit for a previously accepted course or requirement;
 - e. Suspension from the University for a specific period of time;
 - f. Expulsion from the University without expectation of readmission; and/or
 - g. Other sanctions as consistent with this policy and the Student Code of Conduct:
<https://eoss.asu.edu/dos/srr/codeofconduct> [1]
2. At any time, the student and the Instructor may agree on the sanction and inform the Dean. The Dean may reject the proposed resolution and appoint a designee to pursue the case on behalf of the University.
 3. The student will also be notified of their right to appeal to the Dean. The student must file their appeal no later than 10 business days after the date the notification was sent. If the student does not file a timely appeal, the sanction is final.
 4. A student's appeal of a recommended sanction must be submitted in writing and include the following:
 - a. A description of the alleged academic dishonesty, including a factual narrative of events, the dates and times of occurrences, and any other reason why the sanction should not be imposed;
 - b. The names of persons having information about relevant circumstances or events; and
 - c. The general nature and description of all evidence.
 5. If the student files an appeal, the student must meet with the Academic Integrity Officer to discuss hearing procedures. The Academic Integrity Officer will help the student navigate the process and provide additional information when needed.
 6. If the student wishes to dispute any aspect of the allegation or sanction, the student may file an appeal. If the student files a timely appeal, the sanction will not be imposed until the appeal is resolved. If the student files an appeal at the end of a semester, or during the last semester of enrollment, the course grade or degree may be withheld until the matter is resolved. If a grade or degree will be withheld for any period, the Academic Integrity Officer or Dean must notify the Registrar's Office.

F. College/School Board Hearing

1. The Academic Integrity Officer will forward a student's timely appeal to the Instructor.
2. Pre-Hearing Proceedings
 - a. The Academic Integrity Officer will send a notice of hearing to the student, Instructor, College/School Board, and the head of the College/School/academic unit where the alleged dishonesty occurred. The notice will include the following information:
 - i. Statement of time and place of the hearing before the College/School Board. Unless the parties and Academic Integrity Officer agree otherwise, the hearing will take place during the regular fall or spring semester;
 - ii. A copy of this Policy or instructions on accessing the Policy electronically;
 - iii. Requirement that the parties provide to each other and the College/School Board a written list of witnesses and a description of any documents or other evidence they intend to use at the hearing. Unless the Chair provides otherwise, this information must be exchanged at least 5 business days before the hearing.
 - iv. The length of time set for the hearing, the time limitation for the presentation of evidence, and any other procedural requirements.
3. Conduct of the Hearing
 - a. In order to preserve the confidential nature of the disciplinary process and to protect the privacy of those involved, the hearing will be closed to the public.
 - b. The College/School Board Chair will preside at the hearing and will rule upon all procedural matters. The formal rules of evidence will not apply, although objections to the introduction of specific statements or documents may be considered by the Chair. Irrelevant, immaterial, privileged, or unduly repetitious information will be excluded.
 - c. The Instructor shall have the burden of showing it is more likely than not that the student engaged in Academic Dishonesty. The Instructor must also explain the reason for the sanction. If the student accepts responsibility for Academic Dishonesty, then the College/School Board may focus the hearing on the appropriate sanction.

- d. Information regarding prior violations or informal resolutions of previous allegations may not be used as proof of a current violation, but may be admitted for other purposes, such as to show that the student had prior experience relevant to the allegations or to show that the student had been informed previously that the conduct was unacceptable. The College/School Board may also consider information regarding prior violations in determining an appropriate sanction.
 - e. A student who fails to appear or refuses to participate at the hearing will be deemed to have abandoned his/her appeal, unless the student can demonstrate that extraordinary circumstances prevented his/her appearance or participation.
 - f. The student and Instructor may each have an Advisor present, but the Advisors shall not be permitted to address the College/School Board directly, except as the College/School Board Chair deems necessary or appropriate.
 - g. The hearing will be recorded and the student may request a copy of the recording. The student may also request a transcript, but will be responsible for its cost.
 - h. Except as otherwise permitted by the College/School Board Chair, witnesses will be excluded from the hearing except during their own testimony. The Chair may remove a party, Advisor, or witness from the hearing if that person's conduct is disruptive.
 - i. When necessitated by fairness or extraordinary circumstances, the College/School Board may permit the parties to make arrangements for recorded, written, or telephonic testimony from their witness (es) for use in the proceeding.
 - j. The Instructor shall proceed first at each stage of the presentation.
 - i. Each party may present an opening statement, which summarizes what information is expected to be presented.
 - ii. Each party will call witness(es) to provide statements under oath.
 - iii. At the conclusion of each witness's statement, he/she may be questioned by the other party.
 - iv. The College/School Board may ask further questions of each witness.
 - v. Each party may present a closing statement, which summarizes the information that was presented.
4. If the alleged Academic Dishonesty involves the work of multiple students, the College/School Board may modify these procedures to address the circumstances. The College/School Board should provide prior written notice of any modification of the procedures to all parties. Each student must file his/her own appeal. A student who has not filed an appeal should not expect to benefit from another student's appeal.

G. College/School Board Deliberations and Recommendations

1. Following the presentation of information and closing statements, the College/School Board will discuss the information that has been presented and the reasonable inferences to be drawn from it. Only the Board, its legal advisor, if any, and the Academic Integrity Officer may be present during the deliberations. Neither the student nor the Instructor may be present during the deliberations.
2. Based solely upon the information presented, the College/School Board will formulate a recommendation to the Dean as to whether the student is more likely than not engaged in academic dishonesty and the appropriate sanction. Recommendations must be supported by a simple majority of the Board.
3. The College/School Board will prepare and send a written recommendation to the Dean within 5 business days of the hearing. The written recommendation will include findings of fact and a statement of the reasons for the recommendation. It will also be signed by the College/School Board Chair. If the recommendation is not unanimous, dissenting opinions should be reflected in the recommendation.

H. Review and Decision by Dean

1. After review of the College/School Board's Recommendation, the Dean will render a written decision which affirms, denies, or accepts the College/School Board's recommendation with modifications.
2. The Dean may not make new findings adverse to the student or increase the severity of a sanction, unless
 - a. The Dean provides the student notice and an opportunity to respond to the new findings or sanction, and
 - b. Remands the matter to the College/School Board for further proceedings.
3. The Dean will provide written notice of the decision to the student, the Academic Integrity Officer, the instructor, the College/School Board, and the head of the College/School/academic unit where the alleged dishonesty occurred within 20 business days following receipt of the College/School Board's recommendation. A delay may

occur if it becomes necessary to conduct further investigation or to remand the matter to the College/School Board. In those cases, the written decision will be transmitted no later than 20 business days following completion of the investigation or the College/School Board's subsequent recommendation.

4. The Dean's decision is final and may not be further appealed unless the Dean recommends that the Provost suspend or expel the student from the University.
5. If the Dean recommends the suspension or expulsion of an international student, both the student and Academic Integrity Officer should consult with the ASU International Students and Scholars Center.
6. If the Dean recommends that the Provost suspend or expel the student from the University, the letter from the Dean will state that the student may appeal the recommendation by filing a written request for review with the Provost within 10 business days of the date of the letter.
7. If the student does not timely appeal, the Provost or designee will review the Dean's recommendation and issue a final decision on suspensions or expulsions from the University.

I. Review and Decision of a Suspension or Expulsion from the University

1. A student may seek to have a Dean's decision reviewed by the University Academic Integrity Hearing Board only if the Dean recommends that the Provost suspend or expel the student from the University. However, a student who failed to appeal or abandoned his/her appeal at the College/School Board hearing may not appeal to the University Academic Integrity Hearing Board.
2. The appeal must be in writing and must be filed with the Provost within 10 business days of the date of the Dean's decision letter.
3. The Provost or designee will appoint and charge a University Academic Integrity Hearing Board to conduct the hearing. The Hearing Board will be comprised of three members. One member must be a student and one of the other members will act as Hearing Board Chair. The hearing shall follow the procedures set forth in the Student Code of Conduct Procedures, except that the College/School will take the role of the Dean of Students and the Provost or designee will take the role of the Senior Vice President for Educational Outreach and Student Services.

J. Review and Decision of a Degree or Certificate Revocation

1. Anyone with a good faith basis to believe that an ASU alumnum has engaged in Academic Dishonesty may report the alleged violation to the Office of the University Provost.
2. The Provost's designee will investigate and make an initial determination as to whether there is a sufficient basis to believe that the alumnum engaged in Academic Dishonesty and whether the appropriate sanction includes degree or certificate revocation.
3. If the Provost's designee decides to initiate an Academic Dishonesty complaint, he/she will notify the alumnum of the allegations and provide the alumnum an opportunity to respond.
4. The Dean of the College/School that awarded the degree or certificate may choose to convene an ad hoc committee to review the evidence and make a recommendation as to whether the alumnum engaged in Academic Dishonesty and the appropriate sanction.
5. In cases not involving graduate students, after reviewing the evidence and committee recommendation, if any, the Dean of the College/School that awarded the degree or certificate will render a written decision as to whether the alumnum more likely than not engaged in Academic Dishonesty and the appropriate sanction.
6. In cases involving graduate students, after reviewing the evidence and committee recommendation, if any, the Dean of Graduate College in consultation with the Dean of the College/School that awarded the graduate degree or certificate, will render a written decision as to whether the alumnum more likely than not engaged in Academic Dishonesty and the appropriate sanction.
7. If the Dean recommends that the Provost revoke a degree or certificate, the letter from the Dean will state that the alumnum may appeal the recommendation by filing a written request for review with the Provost within 10 business days after the date the notification was sent.
8. If the alumnum does not timely appeal, the Provost or designee will review the recommendation and issue a final decision.
9. If the alumnum files a timely appeal, the Provost or designee will establish a University Academic Integrity Hearing Board to conduct the hearing. The hearing shall follow the procedures set forth in the Student Disciplinary/Grievance Procedures, except that the College/School will take the role of the Dean of Students and the Provost will take the role of the Senior Vice President for Educational Outreach and Student Services.

K. XE Grade

1. The XE grade will be recorded on the student's official and unofficial transcript with the notation "failure due to academic dishonesty." The XE grade shall be treated in the same way as an E for the purposes of grade point average and determination of academic standing.
2. No student with an XE grade on his/her transcript shall be permitted to represent the University in any extracurricular activity or to run for or hold office in any recognized student organization.
3. Generally, the XE grade will remain on the transcript permanently. For other cases, after at least 12 months have elapsed since the XE grade was imposed, the student may file a written petition to the Dean to have the XE grade removed and replaced with an E grade. The decision to remove the XE grade and replace it with an E grade is within the discretion and judgment of the Dean.
4. Before replacing an XE grade with an E grade, the Dean may confer with other University officials and may require the student to attest that he/she has not been involved in any other act of academic dishonesty or similar disciplinary offense at ASU or another institution. If the student's representation is later discovered to be false, the Dean may reinstate the XE grade and recommend suspension or expulsion.

L. Procedures Following Final Decision

1. If any student work affected by the finding of Academic Dishonesty has been placed in the library or forwarded to a third party in partial fulfillment of degree requirements, that work may be removed from the library or withdrawn from the third party.
2. A student's official and unofficial transcript may reflect that an XE grade, suspension from the university, expulsion from the university, or degree or certificate revocation was the result of Academic Dishonesty.
3. One year after the completion of a suspension for Academic Dishonesty, a student may petition to have the notation of suspension for Academic Dishonesty removed from his or her transcript. The student must submit a written petition to the Provost which summarizes his or her academic and personal history since the suspension which justifies removing the notation. The decision to remove the notation that the student was suspended for Academic Dishonesty is within the sole discretion and judgment of the Provost.
4. A notation of expulsion from the university or degree or certificate revocation resulting from Academic Dishonesty is permanent.
5. A degree may be revoked if its requirements were not adequately fulfilled.
6. If a degree is revoked and a transcript was forwarded to another institution, ASU will notify the institution of the revocation.

M. Other University Policies

The University's Misconduct in Research Policy is independent of the Student Academic Integrity Policy and the Guidelines for Graduate Appeals. Individual conduct may also violate and be subject to review and sanctions under these policies.

Source URL: <https://provost.asu.edu/academic-integrity/policy>

Links:

[1] <https://eoss.asu.edu/dos/srr/codeofconduct>

Meet Your Academic Integrity Officer

The Academic Integrity Officer for a college/school serves as the lead educator for faculty and students to sustain a culture of academic integrity at ASU and to increase awareness of the university's academic integrity policy [1].

Both student and faculty can contact the Academic Integrity Officer for your College/School to report an academic integrity violation or to ask questions related to academic integrity policies and procedures.

Meet some of your academic integrity officers in this video. They are here for you. They will help you find an answer that avoids problems with academic integrity. We invite you to meet with your academic integrity officer and know who they are.

Meet Your Academic Integrity Officer video on Youtube [2].

Academic Integrity Officers

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Source URL: <https://provost.asu.edu/academic-integrity/officers>

Links:

- [1] <https://provost.asu.edu/academic-integrity/policy>
- [2] <https://youtu.be/wV9MccsRORM>
- [3] <https://isearch.asu.edu/profile/1137098>
- [4] <mailto:amanda.andrew@asu.edu>
- [5] <https://isearch.asu.edu/profile/1640141>
- [6] <mailto:charles.barbee@asu.edu>
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- [27] <https://isearch.asu.edu/profile/1320122>
- [28] <mailto:carrie.robinson@asu.edu>
- [29] <https://isearch.asu.edu/profile/968601>
- [30] <mailto:Amanda.A.Smith@asu.edu>
- [31] <https://isearch.asu.edu/profile/2603916>
- [32] <mailto:Mary.Teagarden@thunderbird.asu.edu>
- [33] <https://isearch.asu.edu/profile/97026>
- [34] <mailto:Tamara.underiner@asu.edu>
- [35] <https://isearch.asu.edu/profile/721880>
- [36] <mailto:thomas.t.williams@asu.edu>

Student Resources

Over the course of your academic journey here at Arizona State University, you will be challenged to continually build upon your skills and academic abilities. At times, pressure and stress can arise from balancing busy schedules, academic commitments, and personal commitments. In these moments of adversity, it's important that you make ethical decisions and uphold a high standard of integrity for you and for others.

Behavior and actions

What does Sun Devil Integrity look like?

To see the behaviors and actions of Sun Devil Integrity, view the infographic below or  download the PDF [1].



Sun Devil Integrity



Engages in learning

Chooses to engage in learning in college courses to fully understand the content so he/she can be a knowledgeable professional when entering the career world.



Takes notes

Diligently takes notes during class and during readings to begin preparing for exams. Studies his/her own notes, making flashcards and study materials, without seeking shortcuts.



Reports cheating

Reports cheating to the department's academic integrity officer.



Studies diligently

Studies for exams and assessments diligently and well in advance of exam day. Collaborates with classmates to study for exams by quizzing each other, but completes the exams entirely by himself/herself.



Cites sources

Cites all sources that are referenced, paraphrased, and/or quoted in full or in part, using appropriate source citation (such as APA or MLA format).

Avoids cheating



Avoids online or contract cheating websites where offers to complete college coursework, in full or in part, are made.



Completes tasks

Breaks long papers into parts (bibliography, outline, introduction, body, conclusion, and further sub-parts) to complete the task in stages ahead of deadlines.



Works in advance

Works in advance of assignment deadlines to plan out projects and papers, and create a checklist and a study plan with a daily or weekly schedule.



Encourages others

Encourages classmates to do their own work and to learn materials so they can be knowledgeable aspiring professionals.



Respects Honor Code

Treats instructors and classmates with respect and upholds the ASU Student Honor Code.



Academic Integrity at ASU Tutorial

The Academic Integrity at ASU tutorial [2] also will walk you through the importance of academic integrity. Upon completion of the tutorial you will be able to:

- Describe the five types of academic integrity
- Identify the do's and don'ts of academic integrity at ASU
- Recognize the consequences of academic dishonesty

Strategies

Strategies for how to complete your work with integrity

Be informed: Understand ASU's expectations regarding academic integrity by understanding the Academic Integrity Policy [3] and Student Code of Conduct [4].

Ask questions: If you are not sure if something is really cheating, ask your professors, T.A.s, academic integrity officers, or academic advisors.

Seek tutoring: Ask your professors and others in your department for help in finding academic support. Help is available from the following sources:

- On-campus, in-person writing support [5]
- Online support for citations and style manuals [6]
- Tutoring and academic success resources [7]

Stay healthy: Checkout the Live Well at ASU [8] webpages to obtain information, resources and involvement opportunities found in each element are designed to positively impact your academic performance, personal well-being and assist you in reaching your full potential.

Avoiding Plagiarism

Plagiarism may be the most common form of academic dishonesty and is often unintentional. Protect yourself by understanding how to avoid plagiarism at Arizona State University using the following resources.

What is Plagiarism?

Defining plagiarism

Acts of plagiarism can be glaringly obvious or very subtle. Understanding plagiarism, with all of its intricacies and nuances, provides a foundation of knowledge one can use to make sound decisions and avoid getting caught up in a plagiarism scandal—whether intentional or unintentional.

Document sources appropriately

Lapses in one's technique for paraphrasing ideas, quoting information or citing sources can make way for accusations of plagiarism. Make it a point to learn how to integrate the ideas of others and to document the sources of "borrowed" information appropriately. View citation styles [9].

Avoiding unintentional plagiarism

Keeping track of the deluge of notes and source material can become a mind-boggling undertaking, and mistakes can lead to unintentional plagiarism. Learn about web-based citation management tools at ASU Library's Citation Management Tools [10] library guide.

Self-Plagiarism

Quoting words or borrowing ideas without reference to the author is a problem, even if you happen to be the author.

Same story – different outlets

You cannot:

- submit the same paper for different classes.
- use sections of your previous work for a comp exam answer.
- expand on your master's thesis for your dissertation.
- submit the same research article to different journals.

Learn more about the complicated issue of self-plagiarism. Talk to your Academic Integrity Officer about what this means for you.

Recycling is not always good

Not when it comes to your own words. Many researchers use the same literature, research methods or analyses across studies and find it time consuming to write new versions of these sections. Yet blind journal reviewers or electronic cross-checking may indicate you are plagiarizing. Take the time to rephrase and remember you need to cite yourself.

Avoid salami-slicing

Or publishing multiple studies from the same data set. You may need to reduce a complex set of distinct hypotheses into separate papers. If so, let the readers know you did this. If the slices can be combined to make a whole, then it is better to go with the whole salami. To learn more about the nuances of “salami-slicing” in your discipline just pop this term into Google scholar and it will open your eyes.

Self-plagiarism resources

1. Bretag, T. & Mahmud, S. (2009). Self-Plagiarism or Appropriate Textual Re-use? *Journal of Academic Ethics*, 7:193–205 <http://www.springerlink.com.ezproxy1.lib.asu.edu/content/256280445158v940/> [10]
2. Scanlon, P. M. (2007). *Song From Myself: An Anatomy of Self-Plagiarism*. vol. II. Ann Arbor, MI: Scholarly Publishing Office, University of Michigan Library <http://hdl.handle.net/2027/spo.5240451.0002.007> [11] retrieved July 2010

Plagiarism tutorial

Take the Plagiarism Awareness: Don't Stumble Into it Accidentally! [12] tutorial. Upon completion of the tutorial you will be able to:

- Define and recognize plagiarism.
- Explain the importance of citation in the scholarly environment.
- Demonstrated strategies to avoid unintentional plagiarism.
- Recognize and explain the consequences of plagiarism.

Resources for citations

Visit the ASU Library citation styles [13] webpage as a reference for citing resources appropriately using APA, MLA, Chicago, or other citation-style guidelines. The site also offers exercises to help you practice the appropriate use of citations.

Contract Cheating

Definition of contract cheating

Contract cheating is a type of academic dishonesty where a student asks another person to complete all or part of their work for them. The student may ask someone they know to write a paper for them, as a favor, or they may pay someone to do it. Regardless of whether money changes hands or not, presenting someone else's work as your own is always cheating.

What are some of the ways contract cheating negatively impacts you and the ASU community?

There are numerous ways in which contract cheating negatively impacts you, your fellow students, and the ASU community. Here are a few:

- You do not acquire any of the knowledge that your instructor intended for you to learn when you have someone else do your work. By doing so, you are taking away your opportunity to grow as a student and professional contract cheating is a very serious academic integrity violation which could result in suspension or expulsion permanently from the University.
- Students who complete their work on their own are disadvantaged by students who are cheating.
- When you ask someone to do work for you, you are asking them to cheat on your behalf. Your request for their help will lead to negative consequences for them as well.

What are some things I can do if I am overwhelmed and notice that I am becoming tempted by contract cheating?

Part of the learning process as a college student is to work your way through challenging times in an honest and ethical manner. Spending time prioritizing your assignments and engaging in good time management practices is ideal. However, you may still experience times where you feel overwhelmed by multiple deadlines and projects.

There are resources to support you:

- Communicate and/or meet with your instructor.
- Schedule an appointment to talk to your advisor.
- Meet with the Academic Integrity Officer [14] in your college/school.
- Utilize your college/school tutoring resources.
- Utilize the ASU resources [15] offered from the Dean of students' office.
- Contact the ASU First Year Success Center [16].
- Contact the International Students and Scholars Center [17].

Remember, it is better to do poorly on an assignment or even fail an examination than it would be to commit an academic integrity violation. The skills you develop working through challenging situations, enhances your resiliency and makes you an even more effective college graduate.

Source URL: <https://provost.asu.edu/academic-integrity/resources/students>

Links:

[1] <https://provost.asu.edu/sites/default/files/academic-integrity-infographic-11x17-web.pdf>

[2] https://www.asu.edu/lib/tutorials/storyline/academic-integrity/story_html5.html

[3] <https://provost.asu.edu/academic-integrity/policy>

[4] <https://www.asu.edu/studentaffairs/studentlife/srr/>

[5] <https://studentsuccess.asu.edu/student-services/writing-centers>

[6] <http://libguides.asu.edu/citing>

[7] <https://students.asu.edu/academic-success>

[8] <https://wellness.asu.edu/>

[9] <http://libguides.asu.edu/citing>

[10] <http://www.springerlink.com.ezproxy1.lib.asu.edu/content/256280445158v940/>

[11] <http://hdl.handle.net/2027/spo.5240451.0002.007>

[12] https://www.asu.edu/lib/tutorials/storyline/plagiarism-awareness/story_html5.html

[13] <https://libguides.asu.edu/c.php?g=263988&p=1762933>

[14] <https://provost.asu.edu/academic-integrity/officers>

[15] <https://eoss.asu.edu/resources>

[16] <https://fys.asu.edu/>

[17] <https://issc.asu.edu/>

Attendance

The instructor has full authority to decide whether class attendance is required.

Source URL: <https://catalog.asu.edu/attendance>

Distance Education Complaint Procedure

Arizona State University is committed to the success of each unique student and strives to work with students to resolve issues that may arise. All ASU distance education students should attempt to resolve complaints with the university through university processes first before contacting external agencies for resolution. If a student is not able to resolve the complaint through university procedures, complaints may be submitted in different ways depending on whether the student is an Arizona student, an out-of-state student or whether the student is covered by the State Authorization Reciprocity Agreement. Available processes and links to policies and contacts are below.

University Process

Arizona State University is committed to integrating institutional objectives in innovative ways to demonstrate excellence, access, and impact in all of our online programs. We greatly value the student experience and urge all students to adhere to the Student Code of Conduct. Please refer to this website for student expectations and rights, <https://eoss.asu.edu/dos/srr/codeofconduct> [1].

When an issue is brought to our attention, ASU will take appropriate action to seek resolution.

Students are encouraged to first speak with the course instructor as the most direct route to resolving an academic issue. If an issue cannot be resolved at that level, a student may contact the appropriate college or school for guidance on how to proceed. Please refer to this website for a listing of colleges and schools, <https://www.asu.edu/about/colleges-and-schools> [2].

For concerns not met by the above policy, please contact the Dean of Students. The Office of Student Rights and Responsibilities is responsible for reviewing and handling student disciplinary incident reports, <https://eoss.asu.edu/dos/srr/filingreport> [3].

Arizona students

If an issue submitted by a student is unresolved and involves a complaint arising under state law, an Arizona Board of Regents policy, or any other matter, the student may contact the Arizona Board of Regents (in accordance with 75 Fed. Reg. 66865-66, October 29, 2010), <https://www.azregents.edu/> [4].

Students may follow The Higher Learning Commission's [5] complaint process when submitting a complaint, after first using the internal grievance procedure.

Out-of-state students

Students located outside of Arizona may file a consumer complaint with the appropriate agency or office where the students is physically located. The State Agency or Office contact information and complaint process is available at Authorizations [6].

Students may follow The Higher Learning Commission's [5] complaint process when submitting a complaint, after first using the internal grievance procedure.

SARA students

Arizona SARA Council, the state's SARA portal agency, has jurisdiction over Arizona SARA-approved institutions' non-academic complaint. Students may seek redress for a non-academic complaints, after first completing the institutional complaint procedure, by filing a Complaint Form [7] via the AZ SARA complaint process.

Instructional complaints, such as grade grievances, are not reviewed by the Council and should not be submitted for resolution.

Students located in America Samoa, California, and Guam may not submit a complaint to the Council, these states and territories do not participate in the State Authorization Reciprocity Agreement (SARA).

Students may follow The Higher Learning Commission's [5] complaint process when submitting a complaint, after first using the internal grievance procedure.

Source URL: <https://asuonline.asu.edu/about-us/policies/>

Links:

- [1] <https://eoss.asu.edu/dos/srr/codeofconduct>
- [2] <https://www.asu.edu/about/colleges-and-schools>
- [3] <https://eoss.asu.edu/dos/srr/filingreport>
- [4] <https://www.azregents.edu/>
- [5] <https://www.hlcommission.org/Student-Resources/complaints.html>
- [6] <https://asuonline.asu.edu/about-us/authorizations/>
- [7] <https://azsara.arizona.edu/content/complaint-process>

Enrollment and Degree Verification

Arizona State University is frequently asked to certify a student's earned degrees and/or enrollment status (full-time, part-time, etc.). Enrollment status is determined by the number of credits for which a student is enrolled during the term in which certification is requested. Courses a student has withdrawn from are not included. Note that classes taken for audit are included in total enrolled hours.

How to Obtain an Enrollment or Degree Verification

1. Log in to My ASU [1] and navigate to the **My Classes** box
2. Select **Grades & Transcripts**
3. Select **Transcripts & Test Scores**
4. Select **Enrollment Verification**

You will be able to select from several options including your major, earned degrees, and semester and cumulative GPA, and print out the Enrollment Verification as a PDF.

If you need special information on your Enrollment Verification, or if you need a specialty verification form completed such as the Canadian or Alaskan form, submit an Enrollment Verification Request [2] form at any University Registrar Services location [3] (photo ID required for in-person visits). Requests by email, mail or fax must include the student's verifiable signature. Please allow up to two business days for processing.

For students that attended the Thunderbird School of Global Management prior to December 31, 2014, information on how to obtain verification of your Thunderbird coursework or degree can be found here [4].

If you have questions or need additional information, please contact University Registrar Services, Records & Enrollment Services at registrar@asu.edu [5].

Enrollment & Degree Verification for Outside Agencies and Third Parties

ASU has contracted with the National Student Clearinghouse [6] to process all enrollment and degree verification requests for employers, employment agencies, background search firms, and various other businesses that offer products or services based on the individual's status as an enrolled student.

- If you need assistance, contact National Student Clearinghouse [6] directly at 703-742-4200.
- If the National Student Clearinghouse can confirm the degree or enrollment, the response is immediate and requestors will be able to print or obtain a PDF version of the verification.
- Enrollment verifications for each term will be available starting the first week of classes for that term.
- A fee will be charged for this service.

Full-Time and Half-Time Credit Requirements for Enrollment Verification Purposes

Fall & Spring Semesters

| Status | Undergraduate | Graduate |
|---------------------|---------------------|--------------------|
| Full time | 12+ credit hours | 9+ credit hours |
| 3/4 time | 9 - 11 credit hours | 7 - 8 credit hours |
| Half time | 6 - 8 credit hours | 5 - 6 credit hours |
| Less than half time | 1 - 5 credit hours | 1 - 4 credit hours |

Summer Sessions

| Status | Undergraduate | Graduate |
|---------------------|--------------------|-----------------|
| Full time | 4+ credit hours | 3+ credit hours |
| Half time | 2 - 3 credit hours | 2 credit hours |
| Less than half time | 1 credit hour | 1 credit hour |

Research and Teaching Assistants: For fall and spring semesters research and teaching assistants must be enrolled in at least six credit hours to be considered full time. For summer sessions they must be enrolled in at least two credit hours to be considered full time and one credit hour to be considered half time.

Financial Aid Recipients: Full-time and half-time credit requirements may be different for financial aid disbursement purposes. Please review the Award Disbursement Rules [7] to determine the required enrolled hours needed for financial aid disbursement.

Co-Operative Education

Students are required to be enrolled in a designated co-op course within their college for a minimum of one credit hour during the co-op semester. Co-op students will be identified for enrollment verification purposes as being in full-time status. This will include verification to the National Student Clearinghouse for loan deferment purposes. The co-op experience must meet the clock time in hours of work to meet the full-time enrollment requirement, as monitored by the student's college. A credit hour is defined as a minimum of 45 clock hours. Please review the Award Disbursement Rules [7] to determine the required enrolled hours needed for financial aid disbursement.

Source URL: <https://students.asu.edu/enrollment-verification>

Links:

[1] <https://webapp4.asu.edu/myasu/>

[2] <http://students.asu.edu/forms/enrollment-verification>

[3] <http://students.asu.edu/contact/office-university-registrar>

[4] https://asu.secure.force.com/kb/articles/FAQ/How-Do-I-Request-Thunderbird-School-of-Global-Management-Enrollment-and-Degree-Verification/?q=thunderbird+enrollment&i=en_US&fs=Search&pn=1

[5] <mailto:registrar@asu.edu>

[6] <http://www.studentclearinghouse.org/>

[7] <https://students.asu.edu/policies/census>

Glossary of Academic Terms

University Academic Good Standing (Undergraduate) [1]

2.00 cumulative GPA

- College-specific academic good standing rules can be developed. Example: W. P. Carey Academic Good Standing. Use the college name in a policy title to differentiate it from university policy.

University Academic Warning

An undergraduate student with a cumulative GPA of less than 2.00 at the end of their first semester (fall or spring) is considered to be in the status of University Academic Warning.

University Academic Probation [2]

An undergraduate student is placed on University Academic Probation if, at the end of a semester (fall or spring) that is not the student's first semester at ASU, the student has a cumulative GPA of less than 2.00, or the student received an academic warning in the prior term.

- Colleges may establish specific criteria for their own Academic Probation status, to be defined as "College Name" Academic Probation. The college Academic Probation status may take the place of University Academic Probation but may not replace the University Academic Warning. Example: Fulton Schools of Engineering Academic Probation.

University Continuing Academic Probation [2]

A student is said to be on University Continuing Academic Probation each semester (fall or spring) that student (previously on University Academic Probation) earns a semester GPA greater than 2.00, but yet has a cumulative GPA of less than 2.00.

- Colleges may establish individual time limits and specific semester GPA requirements for Continuing Academic Probation, to be defined as "College Name" Continuing Academic Probation.

Co-enrolled Continuing Probation Program [3]

Select disqualified students may participate in the Co-enrolled Continuing Probation Program at the discretion of their college or school. Under this program, the student takes UNI 220 Academic Refresher plus one ASU course selected by the student's advisor, and the student co-enrolls at a Maricopa Community College with a schedule selected in consultation with the ASU advisor. If, upon completion of the term, the student has a combined semester cumulative GPA of 2.50, the student may continue regular enrollment at ASU. Parameters regarding the number of co-enrolled hours required are at the discretion of each college or school.

Ineligible

A student who is in University Academic Good Standing, but is ineligible to remain in their major based on college specific academic requirements. This status was phased out during the 2015-2016 academic year with new tracking requirements and University Academic Good Standing policies.

Disqualified [4]

A student on University Academic Probation who does not earn a semester GPA of 2.00 or greater (fall or spring) will be disqualified. Students who are disqualified are not permitted to enroll at ASU in any subsequent fall or spring semester unless they are readmitted.

Satisfactory Progress [5]

This term is used in different ways for students, such as with regard to financial aid, sponsored international programs, athletics and veterans' benefits. Satisfactory Progress is a complex calculation specific to major and situation. This term does not refer to Academic Standing.

Progression [5]

This term refers to how a student meets milestones and degree requirements in movement toward achieving degree completion. This term does not refer to Academic Standing.

Reinstatement [6]

A student who has previously been academically disqualified and seeks to return either for a fall or spring semester a) immediately or b) after a period of absence and has met college admissions standards.

Quick Re-entry [7]

The term Quick Re-entry refers to a streamlined process in which students do not need to submit a new application or application fee if they are undergraduate degree-seeking students who previously attended ASU but have not been enrolled at ASU for up to seven consecutive fall or spring semesters. Students absent on military deployment, on service for official church missions, for foreign aid service of the Federal government or for permanent disability reasons should follow Leave of Absence [8] procedures.

Readmitted [7]

Students not eligible for Quick Re-entry (i.e., because they have not been enrolled at ASU for seven or more semesters, completed their academic program or were academically disqualified), must apply for readmission and submit applicable fees. Candidates for readmission who are not in academic good standing are subject to college review. A disqualified student who has not already been absent for a semester may contact the college advisor to see if reinstatement is possible.

eAdvisor [9]

A suite of tools used to monitor student progression towards degree completion including Degree Search, major maps and the tracking of critical and necessary requirements (8 semester tracking application).

Major Map

A major map is an eight-semester, optimal course plan that outlines a recommended sequence of courses, enabling full-time students to graduate in four years. The major map is posted on a student's My ASU in the My Programs box under Degree Progress.

Necessary Requirement

As identified on the major map, as a curricular or non-curricular degree requirement that the faculty have identified as necessary for timely completion of degree requirements. Necessary requirements appear in terms 5-8.

eAdvisor Tracking

ASU's eAdvisor Tracking outlines critical courses, GPA requirements and milestones that predict success in each major and tracks students' progress toward meeting them. Sometimes called 8 Semester Tracking, or Critical Tracking, eAdvisor Tracking evaluates how a student's completed courses meet degree requirements in a specific term. Includes both critical and necessary courses. Also refers to the student application for viewing all major map requirements and progression towards meeting those requirements (personalized major map).

Critical Requirement [10]

As identified on the major map, as a curricular or non-curricular degree requirement that the faculty have identified as critical predictors of success in a specific major. Critical requirements can be courses, grades, GPAs or non-curricular requirements such as submitting a fingerprint clearance card. Critical Requirements appear in terms 1-4.

Off Track

A student who has not met one or more critical requirements as stated in terms 1-4 of their major map in a given fall or spring semester.

Twice Off Track

A student who has not met one or more critical requirements as stated in terms 1-4 of their major map in two consecutive fall or spring semesters.

On Track

A student who has met all critical requirements identified in terms 1-4 of the major map in the current term and previous terms against which they are being evaluated (as identified in the major map).

On Track to Graduation

A student who has met all necessary requirements (terms 5-8) in the current term and necessary or critical requirements in previous terms against which they are being evaluated (as identified in the major map).

Off Track to Graduation

A student who has not met one or more necessary requirements (terms 5-8) as stated in their major map in a given fall or spring semester.

Academic Status Reports

ASRs allow faculty to provide weekly feedback to students regarding class performance. Through My ASU [11] students see an indicator notifying them that they have received an ASR, which can include suggested follow-up items and information about academic resources so that they can get the help they need to be successful.

Academic Support Team

Each student has an academic advising committee that helps them set personal academic goals, understand policies and create strategies for staying on track towards graduation. The committee is listed on the student's My ASU page. Also included is information about how advising services work in the student's department, how to get answers to advising questions and how to make an appointment with an advisor.

Milestones

A curricular or non-curricular requirement that needs to be completed by a specific point in time. Examples: portfolio review or audition.

Progress Reports

Progress reports from eAdvisor allow students to track their progress through audits available on My ASU [12]. The DARS Graduation Audit outlines a complete list of degree requirements, including university graduation requirements, General Studies and major requirements. The DARS Graduation Audit is the official record used to verify degree completion. A

major map is an eight-semester, optimal course plan that outlines a recommended sequence of courses, enabling full-time students to graduate in four years.

In addition to traditional progress reports, eAdvisor students can run a critical requirement audit and view their tracking status in My Major Map at any time during the semester. My Major Map, also available on My ASU, provides students the ability to track how their courses are meeting degree requirements as well as their progress toward completing other critical requirements (GPAs and milestones required to stay on track). A student's record may change multiple times during the semester because of dropped courses, transferred credit, completed milestones or changed majors. The system accounts for changes to student records and updates eAdvisor status, My Major Map and the DARS Graduation Audit nightly.

Priority Tasks

eAdvisor places important notes and reminders in the Priority Tasks box on students' My ASU page. If students become off track, an advising hold is placed on their record. While they may drop and withdraw from a course, they will not be able to add courses to the current semester. Students with off-track status will not be able to register for future fall and spring semesters until they have contacted their advisor and discussed strategies for getting back on track. The advisor will then remove the hold. Other tasks, from student support areas such as Financial Aid and the Registrar's Office will also appear in this box.

Concurrent Degree [13]

Internal to the university, two degrees, same level, same time, and may include some shared courses. Concurrent degrees can either be preapproved combinations or unique combinations added by the student via petition. Examples: JD/PhD or BS/BSE. Two diplomas are awarded.

Multiple Concentration

Internal to the university, one degree awarded, same level, same time, some shared courses. For undergraduate degrees with multiple concentrations, students may not share coursework between the core concentration curricula. Multiple concentrations are typically added by petition. Example: Business (Global Leadership), BA and Business (Sustainability), BA.

Joint Degrees

Joint programs, or jointly conferred degrees, are a single program of study offered by more than one college at ASU that provide opportunities for students to take advantage of the academic strengths of two academic units. Upon graduation, students are awarded one degree and one diploma conferred by both colleges. Both colleges will appear on the transcript and diploma.

Dual Degree

An offering that is both internal and external to ASU. The student pursues two degrees simultaneously, one with ASU and one with an external institution. Example: ASU and Mayo Clinic.

Accelerated bachelors/masters (4 + 1) [14]

The 4+1 accelerated bachelor's and master's degrees are designed by the academic units to provide select high-achieving undergraduate students with the opportunity to combine advanced undergraduate coursework with graduate coursework to accelerate graduate degree completion. These programs allow accelerated students to obtain a bachelor's degree and a master's degree within five years. These programs are preapproved combinations and are internal to ASU.

Accelerated bachelors/masters degree (3 +2)

A preapproved pathway to achieving a bachelor's degree and a graduate level degree in five years. These are pre-established relationships, typically with international institutions.

Experiential Learning

Experiential learning such as internships and co-ops are integral to the preparation of a ASU graduate.

- An **internship** is a structured practical experience which allows students to gain work based skills with the possibility of earning academic credit. Students follow a contract or a plan and are supervised by faculty or

practitioners in the career field. Credit-bearing internships are an approved way to meet elective requirements and can count towards the University 120 hour graduation requirement at the undergraduate level. The department and individual faculty determine whether or not a specific internship experience meets the requirements of the unit and how many credit hours should be awarded.

- A **cooperative education program**, commonly known as a co-op, is a structured method of combining classroom-based education with practical work experience. Co-ops allow students to earn academic credit for structured job experience as well as a paycheck to help finance their college education. Co-ops are a joint venture between a college or university, a selected employer, and the student.

Source URL: <https://catalog.asu.edu/glossary>

Links:

- [1] https://catalog.asu.edu/retention_standing#goodstanding
- [2] https://catalog.asu.edu/retention_standing#probation
- [3] https://catalog.asu.edu/retention_standing#coenrolled
- [4] https://catalog.asu.edu/retention_standing#disqualified
- [5] https://catalog.asu.edu/retention_standing#progress
- [6] https://catalog.asu.edu/retention_standing#reinstatement
- [7] <https://students.asu.edu/readmission>
- [8] <https://students.asu.edu/leave-absence>
- [9] <https://eadvisor.asu.edu/>
- [10] <https://catalog.asu.edu/undergraduatereq/#eadvisor>
- [11] <https://my.asu.edu>
- [12] <http://my.asu.edu/>
- [13] <https://catalog.asu.edu/undergraduatereq/#concurrent>
- [14] <https://students.asu.edu/graduate/acceleratedprograms>

Grades and Grading Policies

Credit Enrollment

The semester hour is the unit on which credit is computed. It represents one 50-minute class exercise per week per semester. To obtain credit, a student must be properly registered and must pay fees for the course.

Grading Options and Definitions

Ordinarily a grade of "A+," "A," "A-," "B+," " B," "B-," "C+," "C," "D," or "E" is given upon completion of a course, unless another grading option such as "audit" or "pass/fail" is indicated at the time of registration. Grading options cannot be changed after the close of the drop/add period.

The instructor of a course has full discretion in selecting which grades to use and report from the available grading options on the grade roster.

| Fall 2004 and After ¹ | | | |
|----------------------------------|--------------------------|---------------------|-------|
| Grade | Undergraduate Definition | Graduate Definition | Value |
| A+ | | | 4.33 |
| A | Excellent | Excellent | 4.00 |

| | | | |
|----|---|---|------|
| A- | | | 3.67 |
| B+ | | | 3.33 |
| B | Good | Good | 3.00 |
| B- | | | 2.67 |
| C+ | | | 2.33 |
| C | Average | Passing | 2.00 |
| D | Passing | No Graduate Credit | 1.00 |
| E | Failure | Failure | 0.00 |
| EN | Failing Never Participated ² | Failing Never Participated ² | 0.00 |
| EU | Failing Did Not Complete ³ | Failing Did Not Complete ³ | 0.00 |
| I | Incomplete | Incomplete | — |
| NR | No Report | No Report | — |
| P | Pass | n/a ⁴ | — |
| W | Withdrawal | Withdrawal | — |
| X | Audit | Audit | — |
| Y | Satisfactory | Satisfactory | — |
| Z | Course In Progress | Course In Progress | — |
| XE | Academic Dishonesty | Academic Dishonesty | 0.00 |

¹ Although the plus/minus scale includes a grade of A+ with a value of 4.33, the cumulative GPA is capped at 4.00. Questions about the grade scales may be referred to the University Registrar Services at registrar@asu.edu [1]. For grading scales prior to fall 2004 click here [2].

² Effective fall 2016 and later.

³ Effective fall 2019 and later.

⁴ Not applicable for graduate classes.

| Law Grading | | | | |
|----------------------------|-----------|------|--|-----------|
| Fall 2009 and after | | | Fall 2009 and after Additional Grades | |
| A+ | | 4.33 | CR | Credit |
| A | Excellent | 4.00 | NR | No Report |

| | | | | |
|----|---|------|----|---------------------|
| A- | | 3.67 | P | Pass |
| B+ | | 3.33 | X | Audit |
| B | Good | 3.00 | W | Withdrawal |
| B- | | 2.67 | I | Incomplete |
| C+ | | 2.33 | H | Honors |
| C | Average | 2.00 | HH | High Honors |
| D | Deficient | 1.00 | XE | Academic Dishonesty |
| E | Failing | 0.00 | | |
| EN | Failing Never Participated ⁴ | 0.00 | | |
| EU | Failing Did Not Complete ⁵ | 0.00 | | |

⁴ Effective fall 2016 and later.

⁵ Effective fall 2019 and later.

For grading scales prior to fall 2009, click here. [2]

Incomplete (I)

A mark of "I" (incomplete) is given by the instructor when you are otherwise doing acceptable work but are unable to complete the course because of illness or other conditions beyond your control. You are required to arrange with the instructor for the completion of the course requirements. The arrangement is recorded on the Request for Grade of Incomplete form [4]. Do not re-register or pay fees to complete the course. The completion date is determined by the instructor but may not exceed one calendar year from the date the mark of "I" is recorded. When you complete the course, the instructor must submit an online grade change request. If you receive an "I" in an undergraduate course in the fall 1983 or thereafter, your grade will be automatically changed to a failing grade "E" if you do not complete the course within one calendar year. If you receive an "I" in a graduate course (500-level or above) your "I" grade will become a permanent part of your transcript if you do not complete the course within one year, and you will have to reregister and pay fees to repeat the course for credit. Marks of "I" are changed to a grade of "E" (0.00) for purposes of evaluating graduation requirements for undergraduate students.

No Report (NR)

The "NR" grade simply means that a grade has not yet been reported. Once final grade processing takes place for the semester, most classes will have an actual grade posted instead of the "NR". If an "NR" grade appears for a course in a prior semester, you should contact the instructor of the course to find out why a final grade was not recorded.

Pass (P)

The "P" grading option is used to indicate a passing grade in a class when an individual student receives permission from both the class instructor and his/her college or school. For further information about this grading option, contact your advisor. If you earn a "P" grade, you will earn hours, but the grade is not used for computing your GPA.

A "P" grade should only be assigned when an individual student receives permission to take a course as pass/fail. Permission is recorded on the Pass/Fail Enrollment form [5]. If the course only awards pass/fail grades, the "Y" grade should be utilized to indicate successful completion of the course.

Withdrawal (W)

If you withdraw from a class after the first week of school, you will receive a mark of "W" on your transcript. You earn no credit or grade for withdrawn classes.

Audit (X)

A student may choose to audit a course, in which case the student attends regularly scheduled class sessions, but no credit is earned. The student should obtain the instructor's approval before registering and paying the fees for the course. Selected courses may not be audited. Veteran students using education benefits should see Veterans Services.

The mark of "X" is recorded for completion of an audited course unless the instructor determines that the student's participation or attendance has been inadequate, in which case the mark of "W" (withdrawal) may be recorded. This grading option may not be changed after the close of the drop/add period. The "X" is not included in earned hours and is not computed in the GPA.

Satisfactory (Y)

The "Y" grade is generally used as a grade for successfully completed internships, projects, readings and conference, research, seminars, theses, dissertations, and workshops. You earn hours for a "Y" grade, but the grade is not used for computing your GPA.

Course in Progress (Z)

The "Z" grade is typically used for courses where work will not be completed within one semester's time, such as research, thesis, and dissertation. Once coursework is complete, your instructor will submit a grade change to assign an appropriate grade. Some courses, such as continued registration, do not earn credit and the "Z" grade will remain on your transcript.

Failing Never Participated (EN)

The grade of "EN" denotes failure due to the student never participating in a course and is treated the same as an "E" for the purposes of GPA, course repeatability, and academic standing determination. The "EN" grade assists ASU in determining a student's financial aid eligibility. For federal aid purposes, we must determine if a student participated in all courses for which they received federal aid. When a student does not participate, the financial aid office must recalculate the student's eligibility. A grade of "EN" will display on the student's transcript beginning fall 2016. Please review the "Grades and Grade Selection" section of the Grade Posting FAQs [6] page for more information about the "EN" grade.

Failing Did Not Complete (EU)

The grade of "EU" should be used to indicate that a student never officially withdrew from the course, but failed to participate in course activities through the end of the course. The EU grade should be used when, in the opinion of the instructor, the student's completed assignments, course activities or both were insufficient to make normal evaluation of academic performance possible because the student stopped participating in the course. This grade distinction is critical to federal financial aid administration. A grade of "EU" will display on the student's transcript beginning fall 2019. Please review the "Grades and Grade Selection" section of the Grade Posting FAQs [6] page for more information about the "EU" grade.

Academic Dishonesty (XE)

The grade of "XE" denotes failure due to academic dishonesty and is treated the same as an "E" for the purposes of GPA, course repeatability, and academic standing determination. A student may not avoid any penalty for academic dishonesty by withdrawing from a course. A student may be reinstated to a course to receive a penalty of a reduced or failing grade or XE. The grade of XE may only be assigned in accordance with ASU's Student Academic Integrity Policy, and not as part of the normal end of the semester grading process.

Grading Resources for Faculty and Staff

Support and roster contacts [7].

Grade Reports

You can obtain your final grades after every semester by using any of the following methods:

- To view or print your grades, sign in to My ASU [8] using your ASURITE UserID and Password.
- Submit a request for an official grade report that will show the grades for the last semester in which grades have been processed. You may submit a request to any registration site [9].

Grade Changes

Ordinarily the instructor of a course has the sole and final responsibility for any grade reported. Once the grade has been reported to the registrar, it may be changed upon the authorization of the faculty member who issued the original grade, a department chair, and the dean of the college concerned. This policy also applies to the grade of "I" (incomplete).

Grade changes are submitted online and receive approval by the department chair (or designee) and the dean of the college (or designee) in which the course is offered. Once approvals are received, the new grade will be reflected on your transcript immediately.

Repeating Courses

An undergraduate course taken by undergraduate students at ASU may be repeated for credit if the grade or mark of "D", "E", (including EU, EN, and XE) "W", "X" is received. To be eligible for the deletion of "D" or "E" grades from calculations of the GPA, the course must be repeated at ASU. Independent Learning courses may not be used to repeat "D" or "E" grades. Students who have graduated are not eligible to delete the grade for a course taken before the award of the ASU bachelor's degree. Undergraduate courses in which grades of "D" or "E" (including EU, EN, and XE) are received may be repeated only once. Generally, students may not repeat an undergraduate course for credit when a grade of "C" or higher is earned.

For additional information on repeating courses please refer to the following policies:

SSM 203-06: Deletion of a "D" or "E" Grade Received by an Undergraduate in an Undergraduate Course [10]

SSM 203-05: Duplication of Credit by an Undergraduate Student [11]

Graduate students see the ASU Graduate Policies and Procedures [12].

Grade adjustments will be processed automatically after the grades are reported each term. For additional information on repeating a course or the deletion process, contact Records & Enrollment Services at registrar@asu.edu [1]

Demonstration of Mastery

An undergraduate student who receives a "D" in a course in which a "C" or higher is required may use the grade from an equivalent course taken elsewhere to demonstrate mastery at the "C" or higher level. However, the course may neither be transferred to ASU (since credit has already been given for the course) nor computed in the student's GPA.

Grade Appeals

ASU has informal and formal processes students may follow to appeal a grade. See the Catalog [13].

GPA Calculation

The following grades and their values are used in computing your semester and cumulative ASU GPA:

| Grade* | Grade Point Value |
|--|-------------------|
| A+ | 4.33 |
| A | 4.00 |
| A- | 3.67 |
| B+ | 3.33 |
| B | 3.00 |
| B- | 2.67 |
| C+ | 2.33 |
| C | 2.00 |
| D | 1.00 |
| E** | 0.00 |
| *Other grades (W, X, Y, etc.) are not included in the GPA calculation. | |
| **Grades EN, EU, XE, E1, E2, E3, E4, E5, and E8 are equivalent to an E for GPA calculation purposes. | |

To calculate your GPA, follow these steps below, or use the GPA Calculator [14].

1. Multiply the **grade point** value by the number of semester hours for which the course was taken to determine the **honor points**.
2. Add together all the honor points.
3. Add together all the semester hours that received one of the above grades to determine **net hours**.
4. Divide the honor points by the net hours to calculate the GPA.

Honor Points ÷ Net Hours = GPA

GPA's are rounded to the nearest 100th of a decimal point.

Semester GPA is based on semester net hours. Cumulative GPA is based on total net hours.

Although the plus/minus scale includes a grade of A+ with a value of 4.33, the cumulative GPA is capped at 4.00.

Example

| Course | Semester Hours | Grade | Grade Point Value | Honor Points |
|---------|----------------|-------|-------------------|--------------|
| ENG 101 | 3.0 | A | 4.00 | 12.00 |
| MAT 117 | 3.0 | B- | 2.67 | 8.01 |
| ECN 111 | 3.0 | E | 0.00 | 0.00 |

| | | | |
|------------------------|-----------------|--|-------|
| Total: | (net hours) 9.0 | | 20.01 |
| 20.01 ÷ 9.0 = 2.22 GPA | | | |

Credit by Examination

Students may receive credit for an ASU course by taking an examination in place of the actual course. Learn more [15].

Source URL: <https://students.asu.edu/grades>

Links:

- [1] <mailto:registrar@asu.edu>
- [2] <https://students.asu.edu/prior-grading-scales>
- [3] https://students.asu.edu/grades/#_edn1
- [4] <https://students.asu.edu/forms/incomplete-grade-request>
- [5] <https://students.asu.edu/forms/application-pass-fail-enrollment>
- [6] <https://students.asu.edu/grade-posting-faq>
- [7] <https://students.asu.edu/facultycenter>
- [8] <https://my.asu.edu/>
- [9] <https://students.asu.edu/node/931>
- [10] <http://www.asu.edu/aad/manuals/ssm/ssm203-06.html>
- [11] <http://www.asu.edu/aad/manuals/ssm/ssm203-05.html>
- [12] <https://graduate.asu.edu/current-students/policies-forms-and-deadlines/policy-manuals>
- [13] <http://catalog.asu.edu/appeal>
- [14] <https://students.asu.edu/gpa-calculator>
- [15] http://catalog.asu.edu/credit_exam

ASU Transcripts

Due to the COVID-19 virus situation, paper copies of official and unofficial transcripts are not available for pick up at this time. There may also be delays in the mailing of paper copies of official and unofficial transcripts. Instead, please consider ordering an electronic transcript, if possible.

Official and unofficial ASU academic transcripts are available through University Registrar Services.

Sending your transcripts to ASU? Contact Admissions [1] for mailing address information.

Official Transcripts

An official transcript is a copy of the student's permanent academic record issued by the University Registrar. It displays all courses taken for credit at ASU and includes all grades received. Unlike unofficial transcripts, it is signed and dated by the registrar and displays the ASU seal. **Official transcripts are not issued for students with outstanding financial obligations to the university.**

For students that attended the **Thunderbird School of Global Management prior to December 31, 2014**, information on ordering official transcripts can be found here [2].

ASU cannot send official transcripts by email or fax.

University Registrar Services has partnered with Parchment, a digital credentials service, to manage the ordering, processing, and secure electronic delivery of your official ASU transcripts.

All students are encouraged to go online to place their transcript order. This is the easiest and most efficient way to place an order for either a traditional paper transcript or electronic transcript delivery.

Electronic Delivery of Official Transcripts

Official electronic transcripts may only be ordered using Parchment's online request system. Students choosing this option will identify their recipients by selecting them from a list within the ordering system or by providing the email address of their intended recipients.

To expedite and ensure accurate delivery, students should:

- Make sure the transcript recipient will accept the electronic transcripts, so they can avoid paying to send a replacement copy.
- Double check that the email address they provided for an institution or individual is correct, so they can avoid paying again to send a replacement electronic or paper copy.
- Provide their email addresses for notification purposes (the student's email address assists with tracking and confirming delivery by notifying the student when the transcript is sent and when it is received by the selected institution or individual).
- Instruct recipients to allow emails from Parchment (noreplyint@parchment.com [3]) to avoid potential problems with spam filters.

Orders are generally processed immediately, unless you request a hold for degree or grades. (Degrees are posted approximately 6 weeks after the conferral date for the semester.)

The transcript is not delivered by email; the recipient's email address is used for notification and reminder messages regarding delivery of the student's transcript to a secure site where it can be accessed.

Ordering Official Transcripts

Official transcripts can be ordered online or by mail.

Online

- Students who have an ASURITE ID — Sign in to My ASU [4] and order official transcripts online. In the **My Classes** box, click **Grades & Transcripts** and then **Transcripts & Test Scores** (see sample My ASU navigation screenshot below).
- Students who attended ASU after 1980 and who do not yet have an ASURITE ID [5] or do not know their ASURITE ID and password — Please contact the ASU Help Desk at 855-278-5080 for assistance requesting your ASURITE ID.
- Students who attended ASU prior to 1980 and do not have an ASURITE ID — Request transcripts in person or by mail.

By Mail

Students may order transcripts by submitting a Request for Official Transcript Form [6] or signed letter including the following information:

- Name
- Former names (if applicable)
- Arizona State University identification number (or SSN)
- Date of birth
- First and last dates of attendance
- Current return address
- Daytime phone number
- Specific mailing address for each transcript ordered

Pre-payment is required. See costs for official transcripts below. Make check or money order payable to Arizona State University.

Send requests for official transcripts to:

Outgoing Transcripts
 University Registrar Services
 Arizona State University
 P.O. Box 870312
 Tempe, AZ 85287-0312

For further assistance, please contact Outgoing Transcripts at registrar@asu.edu [7]

In Person

Students presenting photo ID may order official transcripts in person at the Cashier's Office at the following locations:

- Downtown Phoenix campus — Mon. - Fri. 8:15 a.m. - 4:30 p.m., University Center Building, Suite 112
- Polytechnic campus — Mon. - Fri. 8:15 a.m. - 4:30 p.m., Administration Building, Room 160
- Tempe campus — Mon. - Fri. 8:15 a.m. - 4:30 p.m., Student Services Building, 244
- West campus — Mon. - Fri. 8:15 a.m. to 4:30 p.m., University Center Building, Room 101

Costs

All charges for official transcripts must be paid at time of request. Official transcripts cost \$15.00 per official transcript copy requested.

- Special delivery in the U.S. — Special delivery processing, instead of regular mail, is available via FedEx or U.S. Express Mail at \$22.00 per U.S. delivery address in addition to the costs for the total number of transcripts ordered.
- Special delivery outside the U.S. — Express delivery to addresses outside the U.S. is available through International FedEx Express or International Express Mail at \$38.00 per delivery address in addition to the costs for the total number of transcripts ordered.

FedEx requires a street address for delivery. FedEx charges an additional fee for all returned shipments, and the student will be responsible for paying the total amount before the transcript(s) will be mailed.

Transcripts will not be reissued after 90 days from the processed date.

Fees subject to change without notice.

Apostille

For information on requesting an Apostille. [8]

Unofficial Transcripts

An unofficial transcript is an uncertified copy of the student's academic record. In addition to courses taken for credit at ASU and grades received, unofficial transcripts also include information such as note records regarding grade changes, semester GPAs and probation/disqualification status.

For students that attended the **Thunderbird School of Global Management prior to December 31, 2014**, information on ordering unofficial transcripts can be found here [9].

Accessing and Ordering Unofficial Transcripts

Here's how to view and request unofficial transcripts:

Online

- Students and former students who have an ASURITE ID — Sign in to view and print an unofficial transcript [10]. **You may need to temporarily disable pop-up blocker for this site to retrieve your transcript.**
- Students who attended after 1980 and who do not have an ASURITE ID or do not know their ASURITE ID and password — Request an ASURITE ID [5] to access unofficial transcripts online by contacting the ASU Help Desk at 855-278-5080.
- Students who attended prior to 1980 — ASU does not offer online transcript services for students who attended prior to 1980. Request the unofficial transcript in person, by mail or by fax.

You should be in your My ASU student view to access your transcripts. If you have both a student and staff view, this will be indicated in the top right of your screen.

The screenshot shows a web interface titled "My Classes". At the top, there are navigation tabs for "Fall '14", "Spring '15", "Summer '16", "Fall '16", and "Spring '17". Below the tabs, a message states: "You are not registered for classes in the Spring 2017 term. Use the Class Search link below to find classes." At the bottom of the page, there are several navigation links: "Registration", "Class Search", "Books", and "Blackboard". A dropdown menu is open for "Transcripts & Test Scores", showing two options: "Unofficial Transcript" (with a sub-description: "View your grade information for all terms in a printable PDF.") and "Official Transcript" (with a sub-description: "Order your Official ASU transcript.").

By Mail or Fax

Students may order an unofficial transcript by mailing or faxing a **signed** letter including the following information about the student:

- Name and former names (if applicable)
- Arizona State University identification number (or SSN)
- Date of birth
- First and last dates of attendance
- Current return address
- Daytime phone number
- Return Fax number or specific mailing address

Requests for unofficial transcripts by mail or fax must be signed by the student. No computer generated signatures will be accepted. Please send requests for unofficial transcripts to:

Outgoing Transcripts
University Registrar Services
Arizona State University
P.O. Box 870312
Tempe, AZ 85287-0312

Fax: 480-965-2295

In Person

Students presenting photo ID may order unofficial transcripts in person at any campus registration site.

Costs

There is no fee for an unofficial transcript. For assistance, please contact University Registrar Services [11].

Transcript FAQs

Have questions? Here are the most common FAQs [12].

If you have an ASURITE ID, want to order online, and are familiar with the applicable transcript policies, you can access your transcripts through My ASU [13].

My ASU [13]

Click **Grades & Transcripts** in the My Classes box, then **Transcripts & Test Scores**.

Source URL: <https://students.asu.edu/transcripts>

Links:

- [1] <http://students.asu.edu/contact/admissions>
- [2] https://students.asu.edu/Thunderbird_Transcripts
- [3] <mailto:noreplyint@parchment.com>
- [4] <https://my.asu.edu>
- [5] <http://asu.force.com/kb/articles/FAQ/How-do-I-get-an-ASURITE-ID-if-I-m-a-former-student>
- [6] <https://students.asu.edu/forms/official-transcript-request>
- [7] <mailto:registrar@asu.edu?subject=Outgoing%20Transcripts>
- [8] <https://students.asu.edu/apostille>
- [9] <https://students.asu.edu/transcripts-thunderbird#unofficialtranscripts>
- [10] <https://www.asu.edu/go/unofficialtranscript/>
- [11] <http://students.asu.edu/node/931>
- [12] <http://students.asu.edu/transcript-faqs>
- [13] <https://my.asu.edu/>

Transcript FAQs

Answers to the Most Common Transcript Questions

- What is the procedure to change my name on my ASU transcript? [1]
- Will ASU hold my transcript and not send it out until my degree or a specific grade is posted? [2]
- Does my ASU transcript list courses I transferred from other institutions? [3]
- How can I obtain a copy of previous school transcripts? [4]
- Can someone else order/pick up my official transcript for me? [5]
- What if I have a delinquent account? Can I still obtain a transcript? [6]
- How do I get a course description for a course listed on my ASU transcript? [7]
- How long does it take for my degree to post to my transcript? [8]

Q: What is the procedure to change my name on my ASU transcript?

Currently enrolled, newly admitted/readmitted or former ASU students may submit a Student Change of Legal Name Form electronically through DocuSign, by mail, in person or by scanning and e-mailing. All requests require two different forms of documentation, one of which must be picture identification (state/government issued photo ID or ASU Sun Card) and one of the following: marriage license/certificate, adoption papers, court order, divorce decree, social security card or passport/permanent visa. The link to the DocuSign form and paper form can be found at <https://students.asu.edu/forms/name-change> [9]. For further assistance email registrar@asu.edu [10]

Q: Will ASU hold my transcript and not send it out until my degree or a specific grade is posted?

On the Request for Official Transcript form or the online ordering system, you may request one of the following holds:

- Hold until degree is posted - Your transcript will not be sent until your degree is posted to your ASU transcript.
- Hold until grades are posted - Your transcript will not be sent until all grades for the term you specified on your order are posted to your ASU transcript.

Q: Does my ASU transcript list courses I transferred from other institutions?

No. Credit is awarded for traditional course work successfully completed at institutions of higher learning as indicated by ASU and the Arizona Board of Regents. However, only the name of the institution(s) and degrees awarded are listed on the ASU transcript.

Q: How can I obtain a copy of previous school transcripts?

You may request unofficial copies of transcripts from other schools if they were submitted to ASU and if they remain on file. If you are requesting transfer transcripts for official purposes, you must order transcripts from the issuing institutions.

Q: Can someone else order/pick up my official transcript for me?

Yes, someone else may order or pick up your official transcript as long as you give written and signed authorization to do so. The request must include all the information requested for ordering an official transcript.

Q: What if I have a delinquent account? Can I still obtain a transcript?

You may obtain an unofficial transcript only. All financial obligations must be cleared before an official transcript will be issued. For further assistance call 480-965-7276 during business hours. The Delinquent Accounts Office can be reached at 480-965-5220.

Q: How do I get a course description for courses listed on my ASU transcript?

Course descriptions for catalogs after 1996 can be printed from the web at the catalog website [11]. For course descriptions prior to 1996, contact University Archives archives@asu.edu [12] or 480-965-4932.

Q: How long does it take for my degree to post to my transcript?

The majority of degrees are posted within 10-14 days of the degree conferral date. If you need to request an official transcript with your degree posted, you have the option to "hold for degree" which will ensure your official transcript will not be issued until your degree is posted.

Source URL: <https://students.asu.edu/transcript-faqs>

Links:

- [1] <https://students.asu.edu/node/11666/#process>
- [2] <https://students.asu.edu/node/11666/#hold>
- [3] <https://students.asu.edu/node/11666/#transfer>
- [4] <https://students.asu.edu/node/11666/#other>
- [5] <https://students.asu.edu/node/11666/#person>
- [6] <https://students.asu.edu/node/11666/#delinquent>
- [7] <https://students.asu.edu/node/11666/#course>
- [8] <https://students.asu.edu/node/11666/#degree>
- [9] <https://students.asu.edu/forms/name-change>
- [10] <mailto:registrar@asu.edu>
- [11] <https://webapp4.asu.edu/catalog/>
- [12] <mailto:archives@asu.edu>

University Policy for Student Appeal Procedures on Grades

The steps outlined here, beginning with step A, must be followed by any student seeking to appeal a grade. Student grade appeals must be processed in the regular semester immediately following the issuance of the grade in dispute (by commencement for fall or spring) regardless of whether the student is enrolled at the university. It is university policy that students filing grievances and those who are witnesses are protected from retaliation. Students who believe they are victims of retaliation should immediately contact the dean of the college or school in which the course is offered.

Informal

A. The aggrieved student must first undergo the informal procedure of conferring with the instructor, stating any evidence and reasons for questioning that the grade received was not given in good faith. The instructor is obliged to review the matter, explain the grading procedure used and show how the grade in question was determined. If the instructor is a graduate assistant and this interview does not resolve the difficulty, the student may then take the problem to the faculty member in charge of the course (regular faculty member or director of the course sequence).

B. If the grading dispute is not resolved in step A, the student may appeal to the department chair or other appropriate chair of the area within the department (if any). The department chair may confer with the instructor to handle the problem. Step B applies only in departmentalized colleges or schools.

C. If these discussions are not adequate to settle the matter to the complainant's satisfaction, the student may then confer with the dean of the college or school concerned (or the dean-designate) who will review the case. If unresolved, the dean or designate may refer the case to the college or school academic grievance hearing committee to review the case formally. In most instances, however, the grievance procedure does not go beyond this level.

Formal

The following procedure takes place after steps A, B and C (or A and C) have been completed.

D. Each college or school has on file in the office of the dean (and in each department of the college or school) the procedures and composition of the undergraduate or graduate academic grievance hearing committee for student grievances. Each college or school committee shall operate under grievance procedures as stated, which satisfy due process requirements. The committee shall always meet with the student and the instructor in an attempt to resolve the differences. At the conclusion of the hearing, the committee shall send its recommendations to the dean.

E. Final action in each case will be taken by the dean after full consideration of the committee's recommendation. Any recommended grade changes may be made by the dean. The dean shall inform the student, instructor, department chairperson (if any), registrar and grievance committee of any action taken.

Source URL: <https://catalog.asu.edu/appeal>

Undergraduate Policies and Procedures

Admission

First-year student college admission requirements

We're here to help make each step toward becoming a Sun Devil a smooth experience. Follow the steps below to apply to become a first-year student at ASU.

Admission requirements

Course competency requirements

To be admitted to ASU, you will need the following:

- 4 years math
- 4 years English (non-ESL/ELL courses)
- 3 years lab sciences (1 year each from biology, chemistry, earth science, integrated sciences or physics)
- 2 years social sciences (including 1 year American history)
- 2 years same second language
- 1 year fine arts or 1 year career and technical education

Detailed Course Requirements [1]

Aptitude requirements

To be admitted to ASU, you will need one of the following:

- top 25% in high school graduating class
- 3.00 GPA in competency courses (4.00 = "A")
- ACT: 22 (24 nonresidents)
- SAT: 1120 (1180 nonresidents)

These aptitude requirements meet the general university admission requirements. Some degree programs may require higher GPAs in competency courses and/or ACT/SAT scores. To find the requirements for your specific program, please visit [ASU's Degree Search](#) [2].

Applicants must successfully complete the ASU competency requirements. Admission may be granted with one deficiency in no more than two competency areas. Deficiencies cannot be in both math and laboratory science. Students must earn a minimum 2.00 in each subject area. Most competencies may also be met by test scores or college courses. See [detailed competency requirements](#) [1] for more information.

How to apply to college at ASU

Step 01: Complete an undergraduate admission application

Apply online with [ASU's Application for Admission](#) [3], [Common Application](#) [4] or the [Coalition Application](#) [5]. You need to submit only one application to be considered for admission to ASU.

To expedite the admission decision, [self-report your high school grades](#) [6] in the application.

The benefit of using the Common Application is that one application can be submitted to multiple colleges, with an additional supplemental form and fee for each college. ASU does not require an essay or personal statement in any of these options.

[ASU's Application for Admission](#) [3] [Common Application](#) [4] [Coalition Application](#) [5]

Step 02: Submit the nonrefundable application fee

Arizona residents: \$50

Domestic nonresidents: \$70

You can pay using a credit card (Visa or Mastercard) or eCheck at the time you submit your application or when you log in to [My ASU](#) [7]. Or you can mail a check or money order to Admission Services (payable to Arizona State University) at the address below.

Admission Services Applicant Processing

Arizona State University

PO Box 871004

Tempe, AZ 85287-1004

If you applied for admission through the [Common Application](#) [4] or [Coalition Application](#) [5], pay the application fee through those applications.

Step 03: Send your transcripts

If you do not self-report your grades in the ASU application, you must have your high school send an official copy of your transcripts to ASU.

An [official transcript](#) [8] is required for all students upon graduation from high school indicating their high school graduation date. Otherwise financial aid and scholarship disbursements will be held.

Have your official high school transcripts sent from the issuing institution to the address below.

Admission Services Applicant Processing

Arizona State University

PO Box 871004

Tempe, AZ 85287-1004

Step 04: Request to have your ACT or SAT scores sent directly to ASU

ACT or SAT scores are required for merit scholarship consideration and ASU course placement. They are also required for some majors and can be helpful in the general admission process. Have your scores sent to ASU from [ACT](#) [9] or the [College Board \(SAT\)](#) [10] when you register for the test. Learn more about [sending your test scores to ASU in our FAQ section](#) [11].

Step 05: Check application status

Once you've completed all these steps, ASU will review your application. To see if you have any missing items and to review your admission status, sign in at My ASU using your ASURITE UserID, which is sent to you after you apply for admission.

[Check application status](#) [7]

Step 06: Fill out the FAFSA

The Free Application for Federal Student Aid is used to award federal grants, loans, work-study and certain scholarships. We encourage you to [compare financial aid and college costs](#) [12]. You can [file the FAFSA](#) [13] now for the 2020-2021 school year. ASU's Federal School Code is 001081.

Important Fall 2020 admission and financial aid dates

July 1, 2019

ASU fall admission application opens

Sept. 1, 2019

ASU Scholarship Portal opens

Oct. 1, 2019

2020–2021 Free Application for Federal Student Aid opens
ASU's Federal School Code is 001081

Nov. 1, 2019

Priority admission deadline

Jan. 15, 2020

ASU's FAFSA priority date

File your FAFSA by this date to maximize the amount of financial aid you could qualify for.

Jan. 15, 2020

Regular admission date

Complete your application for fall admission by this date to ensure you're considered for the maximum amount of scholarship opportunities.

May 1, 2020

Future Sun Devil Day

Secure your spot for fall 2020 by paying the enrollment deposit.

Aug. 22, 2020

First day of fall 2020 classes

Find a first-year student representative

[Archivist's note: Dropdown tool listing states and territories unable to be archived]

Tips for applying to college**Higher admission requirements**

If your first-choice major has higher requirements, you will be instructed to select a second major without higher requirements.

[Explore degrees](#) [14]

Common and Coalition Applications

ASU accepts the [Common Application](#) [4], the [Coalition Application](#) [5] and our own [online application](#) [3] for incoming first-year students. Only one application will be accepted, with no preference between the ASU application, the Coalition Application and the Common Application. If two applications are submitted, one will be canceled in our system. Application fees are nonrefundable.

Self-report your grades

ASU accepts self-reported high school grades on the undergraduate admission application. Submission of an ACT or SAT score is highly recommended for merit-based scholarship consideration.

[More about self-reporting](#) [6]

Individual review

ASU admission decisions begin the first week of September. Students who do not meet the admission standards will be evaluated through individual review and may experience a longer wait time for an admission decision.

Homeschool students

ASU welcomes applications from home-educated students. You can easily fill out the application and then include additional information to accurately demonstrate your accomplishments.

[More about homeschooling](#) [15]

How to apply if you completed a High School Equivalency Diploma

Students may also meet admission requirements by meeting one of the following:

GED battery average score of

- 50 or above for tests taken between 1998-2001
- 500 or above for tests taken between 2002-2013
- 170 or above for tests taken after 2013

HiSet total score of 75

California High School Proficiency Examination, TASC and other high school equivalency diplomas are recognized as a high school diploma but these diplomas will not satisfy course competency and aptitude requirements needed for admission. Students should submit their diploma to show completion of high school, but will also need to submit additional high school transcripts or SAT or ACT scores to satisfy course competency and aptitude requirements for admission.

Alternatively, enrollment and successful completion of 24 semester credits with a 2.75 minimum GPA through Earned Admission [16], or completion of 24 or more college credits from a regionally accredited college or university with a minimum of 2.50 cumulative GPA on a 4.00 scale may be used to satisfy requirements for admission.

Get a jump-start on your college experience

Now is the perfect time to imagine what your future will look like, and ASU is here to help you get there. See how you can start earning scholarship money, find the perfect degree program and campus, and more — all while you're in high school.

[Start now](#) [17]

Frequently asked questions about applying to college

When should I apply to college as a first-year student?

The ASU application opens on or around July 1 each year. You are encouraged to apply to ASU as early as possible. Nov. 1 is ASU's priority admission date, and Feb. 1 is ASU's regular admission date. The earlier you apply, the earlier you'll receive an admission decision and the more likely you'll be to secure the most financial aid possible.

Is it okay to submit applications to several different universities?

Yes, you should apply to all the universities you are interested in possibly attending. Just be aware that universities charge application fees, which can add up. Many universities are part of the [Common Application](#) [4] and [Coalition Application](#) [5], including ASU, which can save you time by using the information you enter once for several applications.

Other than the admission application, what information will I need to provide to complete the application process?

In addition to the application, you will need to submit the nonrefundable application fee, as well as self-report your high school grades or have your high school transcripts sent to ASU. You don't have to submit ACT or SAT scores for admission, but you do need to submit them for merit scholarship consideration and course placement. Some majors do require test scores.

View more FAQs [18]

Source URL: <https://admission.asu.edu/first-year/apply>

Links:

- [1] <https://admission.asu.edu/freshman/competency-requirements>
- [2] <https://webapp4.asu.edu/programs/t5>
- [3] https://webapp4.asu.edu/uga_admissionsapp/
- [4] <https://apply.commonapp.org/Login?ma=901>
- [5] <https://www.mycoalition.org/public/info/asu>
- [6] <https://admission.asu.edu/freshman/self-reporting>
- [7] <https://my.asu.edu/>
- [8] <https://admission.asu.edu/transcripts>
- [9] <https://www.act.org/content/act/en/products-and-services/the-act/scores/sending-your-scores.html>
- [10] <https://collegereadiness.collegeboard.org/sat/scores/sending-scores/how-to-send>
- [11] <https://admission.asu.edu/contact/faqs#general>
- [12] <https://admission.asu.edu/cost-aid>
- [13] <https://fafsa.ed.gov/>
- [14] <https://webapp4.asu.edu/programs/t5>
- [15] <https://admission.asu.edu/freshman/homeschool>
- [16] <https://ea.asu.edu/>
- [17] <https://admission.asu.edu/freshman/highschool>
- [18] <https://admission.asu.edu/contact/faqs#freshman>

University admission requirements

How to meet course competency requirements at ASU

Competency requirements may be met with high school work, college work or test scores. These requirements must be met regardless of your major or the number of transferable hours you have earned. Students must earn a minimum 2.00 GPA in each competency area.

Admission may be granted with one deficiency in no more than two competency areas. Deficiencies in both math and laboratory science are not acceptable.

For exceptions to the competency requirements, [see below](#) [1].

English competency requirement

Meet one of the following:

- four years of high school English (composition or literature based)
- minimum test score of 21 on ACT English, or 580 on SAT evidence-based reading and writing
- one transferable or three-credit college English composition course

English composition placement

All first-year and transfer students who have not earned a "C" or better in a transferable first-year English composition course, or who have not received a score of 4 or 5 on the Advanced Placement examination in English offered by the

College Entrance Examination Board, must submit ACT or SAT scores before registration to be placed in an appropriate English course.

Mathematics competency requirement

Meet one of the following:

- four years of high school courses: one year each of algebra I, geometry, algebra II, and an advanced math class for which algebra II is a prerequisite
- minimum test score of 24 on ACT math, or 580 on SAT math
- one transferable three-credit college math course for which at least intermediate algebra is a prerequisite

Laboratory science competency requirement

You may meet one of the following or any combination of the three as long as you have three different laboratory-based sciences:

- three years of different high school laboratory sciences

Lab sciences should be an entire year in length. Please select three from the following list: biology, chemistry, earth science or physics. A laboratory-based integrated science course may be allowed to substitute for one of the three lab sciences. Additionally, an advanced placement course, a higher level international baccalaureate course, or other honors course taken in the last two years of high school in the same subject as a previous course can still satisfy one lab science requirement.

- minimum test scores in three standardized tests from three different subject matters

The following tests may be taken: SAT II subject test score in chemistry-600, biology-590, physics-620 or ACT test score in science-20.

- three transferable four-credit college laboratory science courses from the following: biology, chemistry, earth science or physics

An integrated laboratory science or advanced level laboratory-based science may be substituted for one of these laboratory subjects.

Foreign language competency requirement

Meet one of the following:

- two years of the same high school foreign language
- attainment of minimum score on a national standardized foreign language test or placement into a third semester college foreign language class based on university placement exam results
- two transferable three- or four-credit, college-level courses in the same foreign language

Social science competency requirement

Meet one of the following options from Section A and one from Section B:

Section A

- one year of high school American history
- minimum SAT II subject test score of 560 on American history/social studies
- one transferable three-semester-hour college American history course

Section B

- one year of high school social science (e.g., European history, world history, economics, sociology, geography, government, psychology or anthropology)
- minimum SAT II subject test score of 580 on world history
- one transferable three-semester-hour college social science course

Fine arts or career and technical education competency requirement

Meet one of the following:

- one year (or a combination of two semesters) of high school fine arts or career and technical education
- one transferable three-credit college fine arts course

Exceptions

You do not need to meet competency requirements if one of the following statements is true:

- You have completed an associate or higher level degree from a regionally accredited postsecondary institution with a minimum 2.00 GPA ("A"=4.00) if you are an Arizona resident, or you have a minimum 2.50 GPA ("A"=4.00) if you are a nonresident.
- You have completed the Arizona General Education Curriculum (AGEC) with a minimum 2.00 GPA ("A"=4.00) if you are an Arizona resident or a 2.50 GPA ("A"=4.00) if you are a nonresident.

See also the ASU Academic Catalog [2]

Source URL: <https://admission.asu.edu/first-year/competency-requirements>

Links:

[1] <https://admission.asu.edu/freshmen/competency-requirements#exceptions>

[2] <https://catalog.asu.edu/>

Self-reporting your grades to ASU

Self-reported admission application

To expedite admission decisions, ASU accepts self-reported high school grades on the undergraduate admission application. After you graduate from high school, submit a final high school transcript that includes your graduation date. Submission of an ACT or SAT score is highly recommended for merit-based scholarship consideration.

ASU admission decisions for the fall semester begin the first week of September. If you do not meet initial eligibility, you may be placed into individual review and experience a longer wait time for an admission decision.

Incoming Arizona resident freshmen who are eligible for the Obama Scholars Program must have a completed admission application, the application fee or a waiver, and the FAFSA submitted by Jan. 1, 2019. Transcripts and test scores are due by Jan. 15, 2019, in order to be considered for the program.

Step-by-step self-reporting application guide

Step 01: Start your ASU application

Apply online with [ASU's Application for Admission \[1\]](#), the [Common Application \[2\]](#), or the [Coalition Application \[3\]](#). You need to submit only one application to be considered for admission to ASU.

[ASU's Application for Admission \[1\]](#) [Common Application \[2\]](#) [Coalition Application \[3\]](#)

Step 02: Click "Yes, I would like to accurately report my grades..."

There will be a drop-down menu where you will enter your overall academics and most importantly, required high school courses.

Step 03: Enter all your courses and grades as they appear on your official transcript

- For each academic year 9 – 12, you will enter all courses and grades individually for English, math, science, social science, language, fine arts, electives, etc.
- Select from a list of course names or write the course in the Course Title section.
- Choose whether this course was taken in a semester, trimester, quarter or full year.
- Enter the level of the course. You can choose from a normal high school course, an honors course, an Advanced Placement course or an International Baccalaureate course.
- Enter your course grade in the Grade section.

Step 04: Click on "Add Course" and repeat Step 3 as needed

Keep adding courses until all courses have been submitted.

Frequently asked questions about the self-reported application to ASU

What does it mean to self-report my grades?

During the application process, you will be asked to enter all your courses and grades for years 9 to 11 as they appear on your official high school transcript. You will also be asked to enter your in-progress courses for year 12. Self-reporting your grades speeds up the admission decision process. ASU will verify your grades based on your final transcripts prior to your enrollment.

How do I enter my courses and grades?

To accurately enter all information, you must have your high school transcript when filling out the Required High School Courses section in My Grades. All semester, trimester or quarter grades must be listed in the Required High School Courses section.

Am I able to include college courses or dual credit courses I have taken while in high school?

Yes, the application gives you the option to self-report any college courses or dual credit courses you have taken before enrolling at ASU.

What should I do if my high school lists my grades numerically?

If your transcript includes a numerical grading scale, click on 100 point based in the Grading System section and then select the number range for your grades in the Grades section.

When do I submit my final transcripts?

If you have been admitted and intend to enroll at ASU, you will need to send your official high school transcript once you graduate. Do not send any official transcripts during the application process or before you graduate.

View more FAQs [4]

Source URL: <https://admission.asu.edu/first-year/self-reporting>

Links:

[1] https://webapp4.asu.edu/uga_admissionsapp/

[2] <https://apply.commonapp.org/Login?ma=901>

[3] <https://www.mycoalition.org/public/info/asu>

[4] <https://admission.asu.edu/contact/faqs#freshman>

Transcripts for Admission to ASU

Request that your official transcript(s) be sent to Admission Services

Your official transcripts are certified copies from each high school, college, university or technical school you attended that shows the courses you took, grades you earned, and certificates or degrees you were awarded. Arizona State University requires you to send transcripts from every institution you attended.

Upon graduation or the completion of the semester, request that your school or schools send a final transcript directly to ASU to determine final university admission status. Official transcripts must be sent directly to Admission Services at ASU from the issuing institution's records office either by mail [1] or electronically through a secured transcript service approved by ASU.

- Transcripts may not be faxed.
- Transcripts sent via e-mail may be accepted if sent directly from an authorized school official at the issuing institution to ASU at transcripts@asu.edu [2].
- Official transcripts delivered by hand will only be accepted if they are sealed in the original envelope provided by the community college or university and bear the university seal and the signature of the Registrar of the issuing institution.
- We will accept transcripts received from the following secured transcript services*:
 - Accellion
 - Acclaim / Credly
 - Advanced Secure Technologies
 - Arizona HSE State Tracking and Report System
 - Barracuda
 - BridgeU
 - Cambridge International
 - CDGDC
 - CHESSIC
 - Cialfo
 - CISCO
 - Concourse Global
 - Credential Solutions
 - Digitary
 - Docswallet
 - Elmira College
 - Escript
 - eTranscript California
 - George Brown College
 - Greenlight
 - Kiteworks
 - LinShare
 - LiquidFiles
 - MaiaLearning
 - MyeQuals
 - Nanyang Technological University Singapore
 - National Archives at Riverside
 - National Student Clearinghouse
 - Naviance
 - Overgrad
 - Parchment
 - Proofpoint
 - Scoir
 - Scribbles Software
 - SendThisFile
 - Serv-U
 - SPEEDE
 - Transcripts Plus
 - Truecopy
 - Unifrog
 - Univariety

- University of Edinburgh
 - Virtru
 - Vitnemalsportalen
 - XAP
 - ZIX
- For transcripts sent through a secured transcript service, please select Arizona State University from the vendor's dropdown list to ensure the transcript is routed to the correct place. If an email address is requested you can route to transcripts@asu.edu [2] or for graduate applicants to gradtranscripts@asu.edu [3]. Please note that transcripts sent by students to transcripts@asu.edu [2] or gradtranscripts@asu.edu [3] will not be accepted as official. These addresses are only for transcripts received from secured and approved transcript services.
 - If you are required to submit a degree certificate along with your transcripts, a scan may be made of the front and back of your certificate and emailed to transcripts@asu.edu [2] for undergraduate applicants or gradtranscripts@asu.edu [3] for graduate applicants. Please make sure that ASU is in possession of your official, final degree posted transcript prior to submission of your degree certificate. The original certificate does not need to be mailed.

* Note: List is subject to change.

High school transcripts from the United States

Official transcripts must be sent directly to Admission Services at ASU from the issuing institution's records office either by mail or electronically. Domestic high school transcripts delivered by hand will only be accepted if they are sealed in the original envelope provided by the high school. High school transcripts must show courses, grades, GPA and date of graduation. Sealed official high school transcripts can be sent in the mail or dropped off at the Admission Services customer service counter on the first floor in the Student Services Building [4], window 9, on the Tempe campus.

Community college or university transcripts from the United States

An official domestic college transcript must be in a sealed envelope sent directly from the issuing institution's records office either by mail or electronically. Transcripts delivered by hand will only be accepted if they are sealed in the original envelope provided by the community college or university.

International transcripts

Request transcripts from each international educational institution you attended and exam boards from which you have official results. Official transcripts must be mailed or sent directly from the issuing institution's records office electronically, and must include a certified English translation of all documents not issued in English. ASU will accept transcripts sent as email attachments if the email can be verified as coming from an authorized school official at the sending institution. If your school(s) cannot send your transcripts directly to ASU, you may send official transcripts, making sure they meet one of the following requirements:

- Original academic credentials issued by the registrar of the institution attended, bearing the original raised or colored seal of the institution and the signature of the institution's registrar, academic official or recognized international organization.
- Photocopies of academic credentials that have been verified as true copies of the original by a responsible official of the institution attended or by an education representative of the country's government or embassy. Each page must bear the verifying official's signature and stamp.
- Photocopies of academic credentials that have been certified by a recognized international educational organization, such as EducationUSA, the U.S. Educational Foundation, AMIDEAST or the Institute for International Education.

All international transcripts must be submitted in the original language accompanied by an official English translation. Translations must be literal, complete versions of the originals and must be translated by a university, government official or official translation service. You may not complete your own translation. Please have the translation service mail the official translation to ASU. Translations may be emailed to transcripts@asu.edu [2] by the translation service.

ASU recommends that you have your international transcripts sent to ASU directly from the issuing institution, utilize a secured transcript service (where available), or obtain an attested copy of the transcript (where possible). Sending your only original copy to ASU should be the last option.

- We recommend students sending documents from abroad use FedEx or DHL in order to obtain a tracking number. If possible, include your ASU student ID number and name written on each page of the transcript(s) you send.
- Any document ASU receives becomes property of ASU and will not be returned to you, unless it is a situation where another copy cannot be obtained.
- Photocopies certified by a notary public are not official and will not be accepted. Scanned copies are also not accepted in lieu of original official academic documents.

Transcripts can be sent by mail to the following locations:

Regular Mail

Admission Services Applicant Processing
Arizona State University
PO Box 871004
Tempe AZ 85287-1004

FedEx, DHL (any sender who will not send to a P.O. Box)

Arizona State University
Admission Services Applicant Processing
1150 East University Drive Building C, Room 226
Tempe, AZ 85281

Instructions on requesting original international transcript return (only in cases where another copy is unable to be obtained)

To request a return of your original documents (only in cases where another copy is unable to be obtained) you may use the eShipGlobal service to have your document(s) express mailed to you through FedEx, DHL, or UPS at your own expense. To do so, visit <https://study.eshipglobal.com> [5] (do not visit FedEx, DHL, or UPS sites directly). You will be required to create a user name and password to set up an eShipGlobal account. To request shipment, you will need your ASU ID number, mailing address, e-mail address, phone number, and payment information.

After creating your eShipGlobal account. Follow the steps below to create your shipping label.

1. **Get Started:** Click on the 'get started' link on the home page and select 'receive documents from university'.
2. **Choose University:** Proceed to the university selection and choose Arizona State University-All Locations. You will see two options. One for Intl Students and Scholars Center and one for Admission Services. Be sure to select Admission Services' or your request will not be able to be fulfilled.
3. **Confirm Address:** Next page requests for you to enter your shipping details. There will be a drop down on this page for type of document. Select documents/transcripts.
4. **Select Carrier:** You will see a list of carriers that deliver to your area and the cost for delivery. Select the carrier and option you prefer.
5. **Confirm Payment:** You will see a page requesting your payment information. The payment options for your country will be listed. Options may include one or more of the following: credit/debit, wire transfer, or paypal.

If you have questions about how to use this service, review the Help section of the eShipGlobal website or e-mail support@eshipglobal.com [6].

Once you have requested the shipment, please allow up to one month for return of your documents. Admission Services will review your request and if the request can be fulfilled you will receive an email from eShipGlobal to track your return.

If a request for return is not made within 60 days of receipt of your documents, we cannot guarantee that we will still have the documents to return. We regularly purge all physical documents after scanning. Email transcriptreturn@asu.edu [7] with questions.

Applicants with Credentials from India

If you have secondary or postsecondary study from India, you should have your credentials verified through Truecopy and Truecopy will send to ASU electronically through Parchment.

You can begin your order at <http://www.electronictranscripts.com/about-us.php#etquery> [8].

Applicants with Credentials from China- Required Documents

Secondary Education (中学在校生或毕业生)

Junior Secondary (初中生)

1. Official transcript for grade 9 (初三成绩单) sent directly to ASU from issuing institution

General Senior Secondary (普通高中生)

1. Official Transcript (高中成绩单) sent directly to ASU from issuing institution
2. Official Verification report (认证报告) from CHESICC (学信网) for:
 - a. Secondary School Graduation Certificate (高中毕业证书)
 - i. You can begin your order at https://www.chsi.com.cn/en/help/howtoapply_p_en.jsp [9]. Your order will be sent electronically to ASU through Parchment.
3. Graduation Certificate (高中毕业证书) (photocopy or scan sent to transcripts@asu.edu [2])

Vocational Secondary (中职/中专生)

1. Official transcript (高中成绩单) sent directly to ASU from issuing institution
2. Graduation Certificate (毕业证书) (photocopy or scan sent to transcripts@asu.edu [2])

Post-Secondary (University) Programs (大学生或研究生) - Complete and Incomplete

Zhuanke (专科) Required Document

1. Official Verification Report
 - a. CHESICC verification for zhuanke Graduation Certificate (毕业证书)
 - b. CHESICC verification for zhuanke Transcript (成绩单)
 - i. Your fulfilled order will be sent to ASU electronically through Parchment. Please request English language version. You can begin your order at https://www.chsi.com.cn/en/help/howtoapply_p_en.js [10]
2. Graduation Certificate (毕业证书) (photocopy or scan sent to transcripts@asu.edu [2])
3. Official Transcript (成绩单) (photocopy or scan sent to transcripts@asu.edu [2] if you have CHESICC send reports otherwise official sent directly to ASU by issuing institution)

Benke or higher (本科及以上学历) Required Documents

- a. Official Verification Report (认证报告)
 1. CDGDC verification for each degree (学位证书). Please have CDGDC send the verification report to gradtranscripts@asu.edu [3]
 2. CHESSIC verification for each transcript (成绩单).
 - i. Your fulfilled order will be sent to ASU electronically through Parchment. Please request English language version. You can begin your order at https://www.chsi.com.cn/en/help/howtoapply_p_en.jsp [9]
 3. Graduation Certificate (毕业证书) (photocopy or scan sent to gradtranscripts@asu.edu [3])
 4. Degree Certificate (学位证书) (photocopy or scan sent to gradtranscripts@asu.edu [3])
 5. Official Transcript (成绩单) (photocopy or scan sent to gradtranscripts@asu.edu [3] if you have CDGDC and CHESICC verification reports sent otherwise official sent directly to ASU by issuing institution)

China Academic Degrees and Graduate Education Development Center (CDGDC)

- Email: cqv@cdgdc.edu.cn [11]
- Website: www.cdgdc.edu.cn/cn/ [12] or cqv.chinadegrees.cn [13]
- English website: <https://www.chinadegrees.cn/en/> [14]

China Higher Education Student Information and Career Center (CHESSIC)

- Email: info@chsi.com.cn [15]
- Website: http://www.chsi.com.cn/en/help/howtoapply_e_p.jsp [9]
- English website: <http://www.chsi.com.cn/en/> [16]

Source URL: <https://admission.asu.edu/transcripts>

Links:

- [1] <https://admission.asu.edu/transcripts#mail>
- [2] <mailto:transcripts@asu.edu>
- [3] <mailto:gradtranscripts@asu.edu>
- [4] https://www.asu.edu/map/interactive/?id=120&mrklid=63156&_ga=2.177381413.142995779.1599581559-1067263019.1596664905
- [5] <https://study.eshipglobal.com>
- [6] <mailto:support@eshipglobal.com>
- [7] <mailto:transcriptreturn@asu.edu>
- [8] <http://www.electronictranscripts.com/about-us.php#etquery>
- [9] https://www.chsi.com.cn/en/help/howtoapply_p_en.jsp
- [10] https://www.chsi.com.cn/en/help/howtoapply_p_en.js
- [11] <mailto:cqv@cdgdc.edu.cn>
- [12] <http://www.cdgdc.edu.cn/>
- [13] <http://cqv.chinadegrees.cn/>
- [14] <https://www.chinadegrees.cn/en/>
- [15] <mailto:info@chsi.com.cn>
- [16] <http://www.chsi.com.cn/en/>

Admission for homeschool students

Apply to ASU

Arizona State University welcomes homeschool students and recognizes the unique academic experiences these students contribute to our rich, scholarly environment. We have a growing community of home-educated students who thrive at ASU.

We understand that your academic background differs from students who attended traditional public, private or charter schools. As a homeschool student, you can easily fill out the application and then include additional information to accurately demonstrate your accomplishments.

Admission requirements

As a homeschool student, you must meet the general requirements for ASU admission, including specific documentation with your application to confirm your completion of the requirements.

First-year student requirements [1] Transfer student requirements [2]

Steps to Apply to ASU as a Home School Student

Step 01: Complete an undergraduate admission application.

Apply online with ASU's Application for Admission [3], the Common Application [4] or the Coalition Application [5]. You need to submit only one application to be considered for admission to ASU.

To expedite the admission decision, self-report your high school grades [6] in the application.

ASU does not have a preference for which application you use to apply. ASU does not require an essay or personal statement in any of these options.

ASU's Application for Admission [3] Common Application [4] Coalition Application [5]

Step 02: Submit the nonrefundable application fee

Arizona residents: \$50
Domestic nonresidents: \$70
International nonresidents: \$85

You can pay using a credit card (Visa or Mastercard) or eCheck at the time you submit your application or when you log in to My ASU. Or you can mail a check or money order to Admission Services (payable to Arizona State University) at the address below.

Admission Services Applicant Processing
Arizona State University
PO Box 871004
Tempe AZ 85287-1004

If you applied for admission through the Common Application [4] or Coalition Application [5], pay the application fee through those applications.

There is no form, paper or code to submit for an application fee waiver. If your financial circumstances qualify you for an application fee waiver, you will answer a series of questions in the application that will automatically qualify you and post to your account.

Step 03: Submit a secondary school education affidavit and high school transcript (if applicable).

Upon completion of your secondary school education, and for any courses completed through homeschool, complete the Affidavit of Completion of Secondary School Education [7]. The affidavit must be completed by a parent or guardian and notarized.

Homeschool applicants may self-report their grades or send a homeschool transcript. A homeschool transcript is a list of courses you have taken and the credit and grade associated with each course.

If you have completed courses through a traditional high school, you may self-report your grades or have your high school send an official copy of your transcripts [8] to ASU.

If you have coursework from both a traditional high school and from homeschool, please self-report grades for both or have a transcript for each sent to ASU.

If you have earned college or university credit, request to have your official transcripts [8] sent directly to ASU from the issuing institution.

Step 04: Submit the Evaluation of Laboratory Science Courses form.

Per Arizona Board of Regents policy, laboratory sciences must include one class period per week in a laboratory environment. Students must complete one Evaluation of Laboratory Science Courses form [7] per laboratory science taken in a homeschool environment as part of the application process. Please email your completed Evaluation of Laboratory Science Courses form(s) to ASU's homeschool representative [9].

Step 05: Send ACT or SAT scores (not required).

ACT or SAT scores are not required for admission, but may be submitted for ASU course placement and to meet aptitude requirements if you have less than a 3.00 GPA in your competency courses. To find the requirements for your specific program, please visit ASU's Degree Search [10]. Have your scores sent to ASU from ACT [11] or College Board [12] when you register for the test. Learn more about sending your test scores to ASU in our FAQ section [13].

Step 06: Check application status.

Once you've completed all these steps, ASU will review your application. To see if you have any missing items and to review your admission status, log in to My ASU [14] using your ASURITE User ID, which is sent to you after you apply for admission.

Step 07: Fill out the FAFSA.

The Free Application for Federal Student Aid is used to award grants, loans, Federal Work-Study and certain scholarships. We encourage you to compare financial aid and college costs [15]. You can file the FAFSA [16] now. ASU's Federal School Code is 001081.

Admission to Barrett, The Honors College

Homeschool students who want to be considered for admission to [Barrett, The Honors College](#) [17] are encouraged to submit a separate application — early application is strongly suggested. Please [contact the Barrett admission staff](#) [18] for help with any questions about the college and application process.

Scholarship opportunities

Homeschool students will be considered for ASU scholarships upon admission. [Explore scholarships and additional types of financial aid](#) [19].

Frequently asked questions about homeschool student admission at ASU

Can I be admitted to ASU as a homeschool student?

Yes, ASU welcomes and values all our homeschool students and the special academic experiences they bring to the university. Homeschool students submit the same ASU admission application as students who went to public or private school.

Are homeschool student admission requirements the same as high school student admission requirements?

Yes, like public and private high school students, homeschool students must meet and demonstrate completion of ASU's general [requirements for university admission](#) [20].

Can homeschool students apply for financial aid?

Yes, homeschool students are eligible to apply for and receive financial aid. You should submit the [Free Application for Federal Student Aid](#) [21] to see how much federal aid you may be eligible to receive. By submitting ACT or SAT scores, ASU will automatically consider you upon admission for a merit scholarship.

View more FAQs [22]

Source URL: <https://admission.asu.edu/first-year/homeschool>

Links:

- [1] <https://admission.asu.edu/first-year/apply>
- [2] <https://admission.asu.edu/transfer/apply>
- [3] https://webapp4.asu.edu/uga_admissionsapp/
- [4] <https://apply.commonapp.org/Login?ma=901>
- [5] <https://www.mycoalition.org/public/info/asu>
- [6] <https://admission.asu.edu/first-year/self-reporting>
- [7] <https://admission.asu.edu/freshman/homeschool/affidavit>
- [8] <https://admission.asu.edu/transcripts>
- [9] <https://admission.asu.edu/stevenson>
- [10] <https://asu.edu/degrees>
- [11] <https://www.act.org/content/act/en/products-and-services/the-act/scores/sending-your-scores.html>
- [12] <https://collegereadiness.collegeboard.org/sat/scores/sending-scores/how-to-send>
- [13] <https://admission.asu.edu/contact/faqs#general>
- [14] <https://my.asu.edu>
- [15] <https://admission.asu.edu/cost-aid>
- [16] <https://fafsa.ed.gov>
- [17] <https://barretthonors.asu.edu/>
- [18] <https://barretthonors.asu.edu/about/contact-us>
- [19] <https://scholarships.asu.edu/>
- [20] <https://admission.asu.edu/freshman/apply>
- [21] <http://fafsa.gov/>
- [22] <https://admission.asu.edu/contact/faqs#freshman>

Admitted students

Now that you've been admitted to ASU, start taking your next steps to becoming a Sun Devil.

Your next steps after admission to ASU

Step 01: Activate your ASURITE UserID and check My ASU

Stay up to date on your next steps by checking [My ASU](#) [1] regularly. Take care of tasks like submitting your final transcripts, sending in your test scores and submitting your immunization forms.

Step 02: Apply for scholarships

Search and apply for departmental and private scholarships through [ASU's Scholarship Portal](#) [2]. The general scholarship application, which is used for many ASU scholarships, is typically available in September and close by Feb. 1.

Step 03: Fill out the FAFSA

The Free Application for Federal Student Aid is used to award federal grants, loans, work-study and certain scholarships. We encourage you to [compare financial aid and college costs](#) [3]. You can [file the FAFSA](#) [4] now for the 2020-2021 school year. ASU's Federal School Code is 001081.

Step 04: Confirm your attendance

Upon admission, first-year students [pay an enrollment deposit](#) [5]. The deposit may be paid on [My ASU](#) [1] beginning Oct. 1.

Step 05: Register for virtual orientation

[ASU New Student Orientation](#) [6] is required for all incoming first-year students. It's where you and your family will connect with other new students and learn about ASU resources, and you'll start to feel like a Sun Devil.

Step 06: Confirm your housing and dining preferences

All first-year students are expected to live on campus in one of ASU's [residential communities](#) [7]. You will live with students who share similar academic majors.

See [VR tours and floor plans](#) [8] of the residential communities.

Step 07: Give your parents access to your records and account

Through My ASU Parent Guest Access, you can share your academic records with your parent or guardian, and give them access to pay your tuition and bills. Go to [My ASU](#) [1], select the Profile tab at the top, and find Add a Guest under My ASU Guest Access Permissions.

Get the inside scoop

Hear ASU students talk about things all new Sun Devils should know before starting their ASU adventure. Check out the [Inside ASU](#) [9] podcast.

[Listen now](#) [9]

Learn more about life as a college student

Check out [ASU's video concierge](#) [10] to find all kinds of information about living on campus, paying for college, where to eat around town and more.

[Watch now](#) [10]

Useful links and resources

[AP/IB Credit Guide](#) [11]

[Athletics](#) [12]

[Degrees](#) [13]

[Financial aid and scholarships](#) [14]

[Find my rep](#) [15]

[First-Year Success Center](#) [16]

[Housing](#) [17]

[Pat Tillman Veterans Center](#) [18]

[Pre-health](#) [19]

[Pre-law](#) [20]

[Residency verification](#) [21]

[Scholarship Estimator](#) [22]

Frequently asked questions about admitted first-year students

How do I accept my admission to ASU?

To accept your admission to ASU, pay the \$300 enrollment deposit. By doing this, you will be confirming your spot in the freshman class, and you'll be able to take your next enrollment steps, such as selecting your housing and dining preferences and your orientation date.

When do I apply for financial aid?

You should apply for financial aid as early as possible. Start by completing a [Free Application for Federal Student Aid](#) [23]. The FAFSA opens on Oct. 1 and ASU's FAFSA priority filing deadline is Jan. 1. You should also search ASU's [Scholarship Portal](#) [24] to find scholarships that match your qualifications. Many scholarships have application deadlines in February or March. And be sure to submit your ACT or SAT scores to ASU for automatic consideration for a university merit scholarship.

Can I take classes at ASU the summer before my first fall semester?

Yes, if you are admitted to ASU for the fall semester, you may begin taking classes the summer before that fall semester.

View more FAQs [25]

Source URL: <https://admission.asu.edu/first-year/admitted>

Links:

- [1] <https://my.asu.edu/>
- [2] <https://scholarships.asu.edu/>
- [3] <https://admission.asu.edu/cost-aid>
- [4] <https://fafsa.ed.gov/>
- [5] <https://admission.asu.edu/freshman/deposit>
- [6] <https://eoss.asu.edu/orientation>
- [7] <https://housing.asu.edu/>
- [8] <https://housing.asu.edu/housing-communities/residential-colleges>
- [9] <https://students.asu.edu/insideasu>
- [10] <https://yourfuture.asu.edu/youasked>
- [11] https://catalog.asu.edu/credit_exam
- [12] <https://thesundevils.com/>
- [13] <https://asu.edu/degrees>
- [14] <https://students.asu.edu/financialaid>
- [15] <https://admission.asu.edu/findmyrep>
- [16] <https://fys.asu.edu/>
- [17] <https://housing.asu.edu/>
- [18] <https://veterans.asu.edu/>
- [19] <https://students.asu.edu/prehealth>
- [20] <https://students.asu.edu/prelaw>
- [21] <https://students.asu.edu/residency>
- [22] <https://scholarships.asu.edu/estimator>
- [23] <https://fafsa.gov/>
- [24] <https://scholarships.asu.edu/>
- [25] <https://admission.asu.edu/contact/faqs#freshman>

Transfer student admission

How to transfer colleges

Learn how and when to apply to ASU.

Step 01: Complete the undergraduate application for admission.

Apply online with [ASU's Application for Admission](#) [1], the [Common Application](#) [2] or the [Coalition Application](#) [3]. We have no preference between the ASU application, the Common Application or the Coalition Application. If two applications are submitted, one will be canceled in our system. Application fees are nonrefundable.

[ASU's Application for Admission](#) [1] [Common Application](#) [2] [Coalition Application](#) [3]

Step 02: Activate My ASU and your ASURITE UserID

You will receive your ASURITE UserID and activation code via email within one to three business days of submitting your application. If you have previously applied to ASU, your ASURITE UserID will remain the same. You'll use your ASURITE UserID to login to My ASU.

Step 03: Submit the nonrefundable transfer application fee

Arizona residents: \$50

Domestic nonresidents: \$70

You can pay for the ASU application fee using a credit card (Visa or MasterCard) or eCheck at the time you submit your transfer application or when you log in to [My ASU](#) [4]. Or you can mail a check or money order to Admission Services (payable to Arizona State University) at the address below.

Admission Services Applicant Processing
Arizona State University
PO Box 871004
Tempe, AZ 85287-1004

If you applied for admission through the [Common Application](#) [2] or [Coalition Application](#) [3], pay the application fee through those applications.

Step 04: Request to have your official transcripts sent to ASU

College or university transcripts

ASU requires official transcripts from all previous institutions attended in order to process your application. Please contact the registrar's office at your college or university and request your official transcripts be sent directly to Admission Services. Official transcripts delivered by hand will be accepted only if they are sealed in the original envelope provided by the community college or university and bear the university seal and the signature of the registrar of the issuing institution.

If your college or university uses Parchment, eSCRIP or National Clearinghouse to send electronic transcripts, please request that your institution sends us your official transcripts by choosing Arizona State University on the request form.

Upon graduation or completion of your final semester at your current school, request a final transcript be sent directly to ASU Admission Services to determine final admission status. Receipt of your final transcript impacts financial aid disbursement and your eligibility to register for classes. (Note: ASU does not accept faxed college transcripts.)

High school transcripts

If you haven't completed an associate degree, you must submit one of the following:

- Official high school transcript with a graduation date
- Official GED/HiSet transcripts

- Affidavit of Completion of Secondary School Education

ASU accepts hand-delivered official high school transcripts in sealed envelopes from applicants. (ASU does not accept faxed high-school transcripts.)

NOTE: Transfer applicants with 24 or more transferable semester credit hours from a regionally accredited college or university, and who will be 22 or older by the start of the requested semester of admission, will not be required to submit a high school transcript for admission. Once all prior college or university transcripts and outstanding admission items are received and verified, the high school transcript requirement will be waived. Transfer applicants are required to have graduated from an approved high school (or equivalent) prior to the semester of requested admission at ASU, and to include this information on the application for admission.

Test scores

If applicable, have your ACT or SAT scores sent directly to ASU. If you have taken AP, IB or CLEP exams, request your scores be sent directly to ASU.

Have your test scores (e.g., ACT, SAT, TOEFL) and official high school or college transcripts sent from the issuing institution to the address below.

Admission Services Applicant Processing

Arizona State University
PO Box 871004
Tempe, AZ 85287-1004

Are you an international transfer student? [International transfer student information](#) [5]

Transfer student admission requirements

A transfer applicant is a student who has attended one or more colleges or universities and has completed 12 or more transferable credits post-high school. Students with 11 or fewer transferable credits are considered incoming freshmen.

Competency requirement

You must have completed one of the following:

- graduated from high school
- earned a GED

Aptitude requirement

You must meet one of the following:

- Transfer students with 12–23 transferable credits must also have a minimum 2.50 cumulative transfer GPA and meet first-year student admission requirements.
- Transfer students with 24 or more transferable credits must have a minimum 2.50 cumulative transfer GPA.
- Transfer students who have earned an associate degree or higher from a regionally accredited higher education institution must have a minimum 2.00 cumulative GPA (for Arizona residents) or 2.50 cumulative GPA (for nonresidents).

Some majors have higher admission requirements. To find the requirements for your specific program, please visit [ASU's Degree Search](#) [6].

“A” = 4.00; ASU accepts college-level courses in which you have earned a “C-” or better.

Schedule a transfer appointment

Make a half-hour appointment with an ASU transfer specialist or college representative to learn more about studying at ASU and get all your questions answered.

[Schedule an appointment](#) [7]

Important transfer deadlines

Fall 2020:*

Oct. 1, 2019

2020–2021 FAFSA opens

Jan. 15, 2020

FAFSA priority date

Late Feb. 2020

Class registration begins

April 1, 2020

Priority admission deadline

Aug. 20, 2020

Classes begin

Spring 2021:

Oct. 1, 2020

FAFSA priority date

Late Oct. 2020

Class registration begins

Nov. 1, 2020

Priority admission deadline

Dec. 2020

Submit your final transcripts

Jan. 11, 2021

Classes begin

*Students must submit their FAFSA and application materials by Feb. 1 to be considered for ASU merit and need-based awards. Late applicants will be considered for university admission, but ASU undergraduate degree programs with higher transfer admission standards will give priority consideration to applications submitted by Feb. 1. You can find other important dates on [ASU's academic calendar](#) [8].

Frequently asked questions about transferring to ASU

What are ASU transfer requirements?

To apply to ASU as a transfer student, you must have earned either a high school diploma or a GED. Additionally, you must have one of the following:

- Transfer students with 12 or more transferrable credits must have a minimum 2.50 cumulative GPA. Transfer students with 12 — 23 transferable credits must also meet [freshman aptitude requirements](#) [9].
- Students who have earned an associate degree from a regionally accredited higher education institution must have a minimum 2.00 cumulative GPA (residents) or 2.50 cumulative GPA (nonresidents).

When (during my studies) should I apply for transfer admission?

You should begin the transfer application process one year prior to your planned start date at ASU. This will help ensure a smooth transition to the university as well as increase your opportunities for financial assistance.

How do I apply for transfer admission to ASU?

If you meet university admission requirements, you can apply for transfer admission by completing the [undergraduate student application](#) [9], paying the application fee, and having your official transcripts and test scores to ASU.

View more FAQs [10]

Source URL: <https://admission.asu.edu/transfer/apply>

Links:

[1] <http://www.asu.edu/ugapp>

[2] <https://apply.commonapp.org/Login?ma=901>

[3] <https://www.mycoalition.org/public/info/asu>

[4] <https://my.asu.edu/>

[5] <https://admission.asu.edu/contact/international>

[6] <https://asu.edu/programs>

[7] <https://admission.asu.edu/repallcalendar-node-field-avail-app-date/week>

[8] <https://students.asu.edu/academic-calendar>

[9] <https://admission.asu.edu/freshman/apply#admissionrequirements>

[10] <https://admission.asu.edu/contact/faqs#transfer>

Transfer FAQs

How do I know if I'm considered a transfer student?

At ASU, a transfer student is anyone applying for admission who has attended another college or university and has completed 12 or more transferable credits post-high school, at the time of application. If you are completing college courses while in high school you are considered a freshman and not a transfer student.

Do I have to take the ACT or SAT to transfer to ASU?

It depends on your particular situation. If you transfer fewer than 24 transferable credits, you must also meet freshman admission requirements, which may require ACT and SAT scores. Also, some majors, such as business, require a particular ACT or SAT score for admission into the program. Take a peek at the ASU undergraduate Degree Search [1] for admission information specific to your major.

Who can I speak with about my transfer to ASU?

ASU's expert transfer specialists are available to answer your questions and help with your transfer to ASU. Find your transfer specialist [2].

Do I need to send my high school transcripts to apply for admission?

Yes, unless you have an associate degree (or higher) from a regionally accredited college or university posted on your transcripts. High school transcripts should be sent directly from your high school to:

ASU Admission Services
P.O. Box 871004
Tempe AZ 85287-1004

Do I have to send all my college transcripts as part of my admission application?

Yes, for ASU to determine whether you meet admission requirements, we must evaluate your entire academic history, including course work completed at each college or university attended, regardless of academic performance. College transcripts should be sent directly from your college to:

ASU Admission Services
P.O. Box 871004
Tempe, AZ 85287-1004

I attended ASU previously. Am I a transfer student or a readmission student? Do I need to reapply?

If you have previously attended ASU as a degree-seeking student, you will be considered a readmission student. Please see readmission information [3].

I applied to ASU and was admitted, but did not attend. Do I need to reapply?

Yes, you need to reapply. Be sure to sign in to My ASU [4] to see if any additional items are needed to complete your file.

Do I have to have an associate degree to transfer to ASU?

No, you can transfer to ASU at any time as long as you meet the transfer admission requirements. However, ASU recommends attaining your associate degree before transferring.

As a transfer student, how do I know how many credits can be applied toward my major?

Once you are admitted, you'll work with your academic advisor and review your DARS (Degree Audit Report System) to see which credits apply to your major.

What prerequisites do I need to complete before I can transfer to ASU?

There are no prerequisites required to be admitted to ASU, unless you have fewer than 24 transferable credits. Students with fewer than 24 transferable credits are required to meet freshman admission requirements [5], including aptitude and competency requirements.

Can I live on campus as a transfer student?

Yes, ASU has housing devoted specifically to upper-division students and strongly encourages all students to live on campus during their first year at ASU. For more information, please refer to University Housing [6].

There are also a variety of off-campus housing options in close proximity to ASU's campuses. For more information on off-campus housing, check out Off-Campus Housing [7].

If I'm attending a California community college, is the IGETC/CSU GE required to transfer to ASU?

The IGETC/CSU GE is not a requirement for admission to ASU but is highly recommended. Completing either of the GE patterns and getting certified by your community college will satisfy the General Studies requirements at ASU. Learn more about how to transfer to ASU from a California community college.

What does it mean to get IGETC/CSU GE certified?

Getting certified means you have completed all General Education requirements at your California community college. If you have confirmed with your community college counselor that you are eligible for the certification, ASU will require that you submit the official certification along with your official transcripts to Admission Services.

Currently, I don't meet the Western Undergraduate Exchange admission requirements. Should I wait to apply?

No. Even though you may not currently qualify for WUE, we will always re-evaluate your admission to the program if you currently have courses in progress and submit your final transcripts.

I live in California but would like to meet with an ASU representative in person to discuss the transfer process. Is this possible?

ASU representatives will be attending college transfer fairs and hosting various visits at community colleges throughout California. Find your transfer specialist [2] to ask about upcoming opportunities near you.

Source URL: <https://admission.asu.edu/contact/faqs#accordion-section-t15>

Links:

- [1] <https://webapp4.asu.edu/programs>
- [2] <https://transfer.asu.edu/contact>
- [3] <http://students.asu.edu/readmission>
- [4] <https://my.asu.edu/>
- [5] <http://students.asu.edu/freshman/requirements>
- [6] <http://asu.edu/housing>
- [7] <http://www.asu.edu/studentaffairs/reslife/occss/>

Transfer to ASU from a college or university

Plan your transfer path to ASU. Stay connected to your college journey.

Introducing MyPath2ASU™ — a set of customized tools to help transfer students from U.S. regionally accredited institutions (including international students transferring from U.S. regionally accredited institutions). MyPath2ASU™ creates a seamless transfer experience to ASU after earning credits or an associate's degree from a U.S. community college or university. Choose from more than 400 pathways into an on-ground or online ASU degree program, and have access to personalized benefits to help you navigate the transfer experience. Plan a path into your major of choice by taking classes that transfer to ASU—shortening your time to degree completion. A simple, seamless transition into one of the nation's top 10 universities for undergraduate education — that's MyPath2ASU™.

[Get started with MyPath2ASU™](#) [1]

The benefits of transferring with MyPath2ASU

Guaranteed general admission to ASU and into major of choice if all requirements are satisfied.*

Guaranteed general admission to ASU and admission into major of choice if all requirements are satisfied*. Some majors have additional or higher admission requirements.

400+ on-ground and online pathways

Every student experiences a different degree path. MyPath2ASU™ includes over 400+ immersive and online pathways, so every transfer student can fuel their own college experience.

Minimize loss of credit

Use personalized course-by-course transfer maps that are curated to take the guesswork out of transfer work. MyPath2ASU™ assists you in selecting the right courses to take at your current transfer institution for your ASU bachelor's degree.

Self Service Transfer Tools

Receive direct access to my MyPath2ASU™ and the additional Transfer Guide tools that are available to assist in planning your path to ASU. You will be able to manage your Transfer Pathways, request course evaluations, save course searches, save exam searches and more.

Personalized Support

Receive communication per major of choice to help you academically prepare for your ASU major. Access to ASU's transfer specialists and pre-enrollment services and invitations to special events to ASU.

Save time and money

MyPath2ASU™ features My Transfer Guide, a personalized portal to effortlessly track your own degree progress. From the very beginning, ASU works with you to figure out how your credits will transfer and plan your path to graduation.

*General university admission is guaranteed upon successful completion of the following conditions: 1) Completion of an associate degree from a regionally accredited higher education institution with a minimum 2.00 cumulative GPA (Arizona residents) or 2.50 cumulative GPA (nonresidents) or 2) completion of 24 or more transferable semester credits post-high

school with a minimum cumulative transfer GPA of 2.50 (4.00="A") and verification of high school graduation or the equivalent. NOTE: Some ASU colleges and schools have additional or higher requirements for admission into their majors. Students will also need to submit an Arizona State University admission application, including an application fee and other required documents, such as official college/university transcripts. MyPath2ASU™ pathway programs are based on a minimum of 24 transfer credit hours; students with fewer than 24 credit transfer credit hours will need to meet the appropriate [admission](#) [2] requirements. International students will need to meet [international admission requirements](#) [3].

The MyPath2ASU™ transfer process

Create MyPath2ASU™ [4]

- Pick your ASU major
- Sign up for MyPath2ASU™
- Track progress towards transfer

Complete your MyPath

- [Apply](#) [5] to transfer to ASU
- Become a Sun Devil

Finish your ASU degree

- You're one step closer to achieving your academic goals

Learn more by attending an ASU virtual event

Attend an ASU MyPath2ASU workshop

Join a Transfer Student Ambassador for an [online workshop](#) [6] about MyPath2ASU™. Hosted by transfer students from ASU, in the interactive session, we'll navigate the MyPath2ASU™ experience; you can ask questions, connect with other transfer students, and start your seamless college journey to ASU.

Explore your visit options

Each of ASU's campuses has a unique identity, yet are all part of the university ranked #1 for innovation in the nation by U.S. News & World Report. Explore what each of ASU's campuses has to offer through [virtual visits](#) [7], and get a taste for what it's like to be on campus and live like a Sun Devil.

Your next steps to applying to ASU

As you're completing your community college coursework, if you have questions about the admission process, requirements or transcripts contact your transfer coordinator and they will be happy to help.

Or if you're ready to apply to ASU, you can begin your application for admission up to a year before you are ready to transfer.

[How and when to apply](#) [2] [Contact a transfer coordinator](#) [8]

If you signed a TAG agreement prior to summer 2017, find your [degree program outline](#) [9].

College and university alliances

ASU strives to serve students and communities across Arizona and the country. Working in partnership with community colleges, local communities and other educational institutions, ASU specialty alliances offer high-demand programs for students in various modalities to allow customizable ways to finish their bachelor's degree.

MAPP MyPath2ASU [10]
AAS to BAS [11]
ASU@Pinal [12]
ASU@Yuma [13]
ASU@Yavapai [14]
ASU@TheGilaValley [15]
ASU@Cochise [16]
ASU@Pima [17]
BYU-Idaho [18]
Arizona Christian University [19]

Frequently asked questions about transfer pathway programs

What is MyPath2ASU™ and how does it affect my MAPP, TAG, or GPA agreement?

MyPath2ASU™ is a new set of customized tools to help students transfer from community college to ASU. It makes transferring colleges seamless by allowing students to plan their path to transfer into their major at ASU by taking the right classes. Your MAPP, TAG or GPA agreement has been updated to a MyPath2ASU™. No changes are necessary.

When should I sign up for MyPath2ASU™ and how long do I have to complete it?

Students can sign up for MyPath2ASU™ when they enroll in community college. Upon signing your MyPath2ASU™ agreement, you have four academic years to complete a MyPath2ASU™.

Can I change my major after I sign up for MyPath2ASU™?

Yes, you can change your major.

If you are a student from Maricopa County Community College District you can update your pathway agreement by signing up for a new MAPP MyPath2ASU™. For all other students, you can change your pathway agreement by logging into My Transfer Guide account and updating your current MyPath2ASU™ agreement.

View more FAQs [20]

Source URL: <https://admission.asu.edu/transfer/MyPath2ASU>

Links:

- [1] <https://webapp4.asu.edu/transfercreditguide/app/institutionselection#forward>
- [2] <https://admission.asu.edu/transfer/apply>
- [3] <https://admission.asu.edu/international/undergrad-apply>
- [4] https://webapp4.asu.edu/transfercreditguide/app/transfermap?_ga=2.125040778.1855712423.1590524198-1723152482.1564782371
- [5] https://webapp4.asu.edu/uga_admissionsapp/?_ga=2.106005251.1025163784.1592842168-911990653.1568907734
- [6] https://asu.zoom.us/webinar/register/WN_NRZXYogLTy-fNQYeJcHxpw
- [7] <http://visit.asu.edu/>
- [8] <https://admission.asu.edu/contact/transfer>
- [9] <https://admission.asu.edu/agreement>
- [10] <https://admission.asu.edu/transfer/maricopa>
- [11] <https://admission.asu.edu/transfer/aas-bas-pathways>
- [12] <https://admission.asu.edu/transfer/pinal>
- [13] <https://admission.asu.edu/transfer/asu-yuma>
- [14] <https://admission.asu.edu/transfer/asuyavapai>
- [15] <https://admission.asu.edu/transfer/the-gila-valley>
- [16] <https://admission.asu.edu/transfer/asu-cochise>
- [17] <https://admission.asu.edu/transfer/asu-pima>
- [18] <https://admission.asu.edu/transfer/byu-idaho>

[19] <https://admission.asu.edu/transfer/arizona-christian-university>

[20] <https://admission.asu.edu/contact/faqs#transfer>

Maricopa Community College transfer students

Welcome, Maricopa Community College students

Transferring from the Maricopa County Community College District to Arizona State University can be a smooth process when planned. As a Maricopa student, there are a couple of ways to earn your bachelor's degree at ASU. Find what works best for you and we'll help you plan your path.

MAPP MyPath2ASU

MAPP MyPath2ASU™ helps students plan and complete prescribed coursework designed so that MCCCDC students transition smoothly to ASU and earn their bachelor's degree.

Sign up for MAPP MyPath2ASU [1]

MAPP MyPath2ASU majors

These ASU degree programs are available through the MAPP MyPath2ASU and apply to all Maricopa Community Colleges, though course offerings vary by Maricopa location. Search by campus, area of interest, keyword, or ASU college or school, or show all available MAPP MyPath2ASU.

[Archivist's note: major selector tool unable to be archived]

Or show all [2]

Learn about the MAPP MyPath2ASU

MAPP MyPath2ASU benefits

Students who sign up for the MAPP MyPath2ASU can:

- **receive guaranteed admission** to their desired ASU major once requirements are met
- **save time and money** by taking the courses you need to transfer to your ASU degree
- **track academic and course progress** with a personalized online tool called Pathway Tracker
- **meet with ASU academic advisors** for guidance to stay on track
- **access individualized university information**

MAPP MyPath2ASU agreement

By signing up for the MAPP MyPath2ASU, you are agreeing to the following terms:

- You commit to working with your community college advisor and ASU transfer specialist to monitor progress on your MAPP MyPath2ASU.
- You agree to complete the MAPP MyPath2ASU with a specified grade point average and any requirements identified on the pathway document.
- You will complete the MAPP MyPath2ASU within four years of signing up.
- You agree that your academic data and advising information may be shared between your community college and ASU to ensure your success.

MAPP MyPath2ASU tools and resources

Pathway Tracker

Track progress toward completion of your MAPP MyPath2ASU through the Pathway Tracker. See how courses taken fulfill pathway requirements. From My ASU, click on Pathway Tracker.

Go to Pathway Tracker [3]

My ASU

After signing up for a MAPP MyPath2ASU, follow the Maricopa to ASU Pathways Program link from my.maricopa.edu [4] to access My ASU [3], and view individualized transfer and university information that will assist in your smooth transition to ASU.

Go to My ASU [3]

Transfer Guide

Learn how credits from other colleges and universities that you have attended will transfer to ASU. Search for ASU course equivalencies or request a transfer course evaluation.

More about the Transfer Guide [5]

ASU career services

As a MAPP MyPath2ASU student, you'll have access ASU Career and Professional Development Services, career advising, career assessment and job search tools. You will need your ASURITE UserID and password to access services. Note that some services have fees.

Go to career services [6]

AAS to BAS: Bachelor of Applied Science

Bachelor of Applied Science degrees are designed specifically for students who have earned an Associate of Applied Science.

- Students who have earned an AAS from a regionally accredited institution may transfer **60 credit hours** toward their BAS.
- Students who have earned an AAS degree from a regionally accredited Arizona community college may be eligible to transfer **up to 75 credits** toward their BAS.

Plan to meet with an academic advisor to ensure your courses will meet degree requirements.

Your transfer specialist is here to help

Connect with your transfer specialist to learn more about studying at ASU and get all your questions answered.

Contact a transfer specialist [7]

Schedule an appointment [8]

Apply to ASU

Begin your application for admission up to a year before you are ready to transfer. Make sure you have met all admissions requirements, and submit the application for admission, pay the application fee and send official college transcripts to ASU.

How and when to apply [9]

Source URL: <https://admission.asu.edu/transfer/maricopa>

Links:

[1] <https://mapp.maricopa.edu>

[2]

https://admission.asu.edu/transfer/maricopa?field_to_campus_tax_tid=All&field_to_interest_area_tax_tid=All&keys=&field_college_name_tax_tid=All

[3] <https://my.asu.edu>

[4] <https://my.maricopa.edu>

[5] <https://webapp4.asu.edu/transfercreditguide/app/home>

[6] <https://eoss.asu.edu/cs>

[7] <https://admission.asu.edu/contact/transfer>

[8] <https://admission.asu.edu/reallcalendar-node-field-avail-app-date/week>

[9] <https://admission.asu.edu/transfer/apply>

AAS to BAS: Bachelor of Applied Science

Bachelor of Applied Science degrees are designed specifically for students who have earned an Associate of Applied Science.

- Students who have earned an AAS from a regionally accredited institution may transfer 60 credit hours toward their BAS.
- Students who have earned an AAS degree from a regionally accredited Arizona community college may be eligible to transfer up to 75 credits toward their BAS.

Plan to meet with an academic advisor to ensure your courses will meet degree requirements. Bachelor of Applied Science degrees are paired with Associate of Applied Science degrees listed by community college partners.

**Arizona Western College [1] | Central Arizona College [2] | Cochise College [3] |
Coconino Community College [4] | Diné College [5] | Eastern Arizona College [6] | Gila Community College [7] |
Mohave Community College [8] | Northland Pioneer College [9] | Pima Community College [10] |
Tohono O’odham Community College [11] | Yavapai College [12]**

Arizona Western College

Accounting [13]
Administration of Justice Studies [14]
Air Conditioning [15]
Air Conditioning STEM Emphasis [16]
Applied Agriculture [17]
Automotive Technology [18]
Automotive Technology (STEM Emphasis) [19]
Broadcasting [20]
Business [21]
Carpentry [22]
Carpentry (STEM Emphasis) [23]
Community Health Worker [24]
Computer Graphics [25]
Computer Information Systems [26]
Construction Trades Management [27]
Construction Trades Management (STEM Emphasis) [28]
Culinary Arts [29]
Culinary Arts (General Education Emphasis) [30]

Drafting CAD Technology [31]
Drafting CAD Technology (STEM Emphasis) [32]
Early Childhood Education [33]
Electrical Technology [34]
Electrical Technology (STEM Emphasis) [35]
Emergency and Disaster Management [36]
Emergency Medical Services: Paramedic [37]
Fire Science [38]
Industrial Technology [39]
Industrial Technology (STEM Emphasis) [40]
Industrial Water Treatment [41]
Informatics [42]
Law Enforcement Training [43]
Logistics Supply Chain Management [44]
Massage Therapy [45]
Media Arts [46]
Medical Assistant [47]
Nursing [48]
Paralegal Studies [49]

Plumbing [50]
Plumbing (STEM Emphasis) [51]
Radiologic Technology [52]
Solar Photovoltaic Installation [53]

Solar Photovoltaic Installation (STEM Emphasis) [54]
Television Production [55]
Welding [56]
Welding Technology (STEM Emphasis) [57]

Central Arizona College

Accounting [58]
Administration of Justice [59]
Agriculture General [60]
Artist and Venue Management [61]
Business [62]
Computer Business Applications [63]
Computer Programming [64]
Corrections [65]
Culinary Arts [66]
Cyber Operations [67]
Diesel Technology [68]
Dietetic Technician [69]
Digital Media Arts [70]
Early Childhood Education [71]
Early Childhood Education - Infant-Toddler [72]
Equine Management and Training [73]
Fire Science Technology [74]
Geographic Information Systems [75]
Health Information Technology [76]

Heavy Equipment Operator [77]
Hotel and Restaurant Management [78]
Live Audio and Lighting [79]
Logistics and Supply Chain Management [80]
Manufacturing Engineering Technology [81]
Massage Therapy [82]
Medical Assistant [83]
Medical Laboratory Technician [84]
Nanofabrication Technology [85]
Network Administration with Cyber-Security Fundamentals [86]
Nursing [87]
Paramedicine [88]
Popular Music Performance [89]
Radiologic Technology [90]
Recording Engineering [91]
Web Development [92]
Welding Technology [93]

Cochise College

Administration of Justice [94]
Animal Science [95]
Automotive Technology [96]
Building Construction Technology [97]
Business Management [98]
Cisco and Linux Networking [99]
Computer Information Systems [100]
Computer Programming [101]
Crop Science [102]
Culinary Arts [103]
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Early Childhood Care and Education [105]
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Electronics Technology [107]
Intelligence Operations Studies [108]
Law Enforcement [109]
Media Production Arts [110]
Network Technology [111]
Nursing [112]
Paramedicine [113]
Professional Pilot Technology [114]
Residential Construction Technology [115]
Respiratory Therapy [116]
Unmanned Aerial Vehicle Flight Operator [117]
Unmanned Aircraft Systems Technician [118]
Welding Technology [119]

Coconino Community College

Administration of Justice [120]
Business [121]
Computer Technology [122]
Construction Technology [123]
Environmental Technology: Alternative Energy Technician [124]
Fire Science [125]

Hospitality Management [126]
Medical Office Management [127]
Nursing [128]
Paramedic Studies [129]
Pre Health Careers [130]
Sustainable Green Building [131]

Diné College

Business Management [132]
Office Administration [133]

Eastern Arizona College

Administration of Justice [134]
Administrative Information Services [135]
Advanced Manufacturing Technology [136]
Automotive Service Technology [137]
Business [138]
Computer Assisted Design & Drafting Tech [139]
Computer Assisted Design and Drafting Technology [140]
Computer Information Specialist [141]
Cosmetology [142]

Early Childhood Education [143]
Electrical & Instrumentation Technology [144]
Environmental Technology [145]
Fire Science [146]
Graphic Design [147]
Media Communications [148]
Nursing [149]
Small Business Management [150]
Welding Technology [151]

Gila Community College

Administration of Justice [152]
Administrative Information Services [153]
Advanced Manufacturing Technology [154]
Automotive Service Technology [155]
Business [156]
Computer Assisted Design & Drafting Tech [157]
Computer Information Specialist [158]
Cosmetology [159]
Early Childhood Education [160]

Electrical & Instrumentation Technology [161]
Environmental Technology [162]
Fire Science [163]
Graphic Design [164]
Media Communications [165]
Nursing [166]
Paramedicine [167]
Small Business Management [168]
Welding Technology [169]

Mohave Community College

Accounting [170]
Automotive Collision Repair Technology [171]
Automotive Service Technology [172]
Business and Entrepreneurship [173]
Chemical Dependency Studies [174]
Computer Graphics and Web Design [175]
Computer Information Systems Administration [176]
Culinary & Hospitality Management [177]
Dental Hygiene [178]
Electrical Technology [179]
Fire Science [180]
Health Care Information Technician [181]
HVAC and Refrigeration Technology [182]

Medical Assisting [183]
Network Support and Information Security [184]
Nursing - Accelerated Nursing for Paramedics [185]
Nursing - LPN to RN Track [186]
Nursing - Registered Nursing (RN) [187]
Paralegal [188]
Paramedic Emphasis [189]
Physical Therapist Assistant [190]
Radiologic Technology [191]
Surgical Technology [192]
Surgical Technology, CST Pathway [193]
Welding Technology [194]

Northland Pioneer College

Automotive Technology [195]
Computer Information Systems [196]
Construction Technology [197]
Cosmetology [198]
Cybersecurity [199]
Early Childhood Development [200]
EIT Electrical [201]
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EIT Industrial Electrical, Motors, and PLC's [203]
EIT Industrial Mechanics and Fluid Power [204]
EIT Industrial Plant Operations [205]
EIT Instrumentation [206]
EIT Mechanical Maintenance [207]

EIT Operations/Maintenance [208]
Entrepreneurship [209]
Film and Digital Video [210]
Fire Science [211]
Management and Leadership [212]
Medical Assistant [213]
Medical Office Administration [214]
Modern Office Technologies [215]
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Pima Community College

Accounting [220]
Automotive Technology [221]
Aviation Technology [223]
Aviation Technology - Airframe and Powerplant Concentration [224]
Aviation Technology - Avionics Technician Concentration [225]
Aviation Technology - Structural Repair Concentration [226]
Building & Construction Technologies [227]
Building & Construction Technologies - Building Management Concentration [228]
Building & Construction Technologies - Carpentry Concentration [229]
Building & Construction Technologies - Construction Management Concentration [230]
Building & Construction Technologies - Electrical Concentration [231]
Building & Construction Technologies - Heating, Ventilation, Air Conditioning, & Refrigeration Concentration [232]
Building & Construction Technologies - Plumber Concentration [233]
Business [234]
Business - Management Concentration [235]
Business - Marketing Concentration [236]
Clinical Research Coordinator [237]
Computer Aided Design [238]
Computer Aided Drafting [239]
Computer Aided Drafting Technology - Construction Concentration [240]
Computer Aided Drafting Technology - Mechanical/Electro-Mechanical Concentration [241]
Computer Programmer/Analyst [242]
Computer Systems Administration/Networking [243]
Culinary Arts [244]
Cyber Security [245]
Dental Hygiene [246]
Dental Laboratory Technology [247]
Digital Arts [248]
Digital Arts - Design Concentration [249]
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Digital Film Arts & Animation [251]
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Early Childhood Studies [253]
Emergency Medical Technology - Paramedic [254]
Fire and Emergency Services Higher Education (FESHE) [255]
Health Information Technology [256]
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Logistics and Supply Chain Management [258]
Machine Tool Technology [259]
Medical Laboratory Technician [260]
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Radiologic Technology [263]
Respiratory Care [264]
Social Services [265]
Substance Use Disorders Specialty [266]
Systems Administration/Networking [267]
Systems Administration/Networking - Administrator Concentration [268]
Systems Administration/Networking - CISCO Concentration [269]
Systems Administration/Networking - Cyber Security Concentration [270]
Veterinary Technician [271]
Welding and Fabrication [272]

Tohono O'odham Community College

Business Management [273]
Carpentry [274]
Construction Painting [275]
Early Childhood Education [276]
Electrical [277]
Environmental Studies in Indigenous Borderlands [278]
Heavy Equipment Operation [279]
HVAC [280]
Masonry [281]
Plumbing [282]
Social Work [283]

Yavapai College

Accounting [284]
Administration of Justice [285]
Administrative Professional [286]
Advanced Manufacturing Technology [287]
Aerospace Science (Airplane/Helicopter/Tech/UAS) [288]
Agriculture Technology Management [289]
Applied Pre-Engineering [290]
Automotive Technology [291]
Computer Networking Technology [292]
Computer Systems and Applications [293]
Diesel Technician [294]
Early Childhood Education [295]
Electrical & Instrumentation Technology [296]
Electrical Instrumentation Technology [297]
Fire Science [298]
Graphic Design [299]
Gunsmithing [300]
Management [301]
Medical Assistant [302]
Nursing [303]
Paralegal Studies [304]
Paramedicine [305]
Radiologic Technology [306]
Video Game Development [307]
Viticulture and Enology [308]

Source URL: <https://admission.asu.edu/transfer/aas-bas-pathways>

Links:

- [1] <https://admission.asu.edu/transfer/aas-bas-pathways#arizona>
- [2] <https://admission.asu.edu/transfer/aas-bas-pathways#central>
- [3] <https://admission.asu.edu/transfer/aas-bas-pathways#cochise>
- [4] <https://admission.asu.edu/transfer/aas-bas-pathways#coconino>
- [5] <https://admission.asu.edu/transfer/aas-bas-pathways#dine>
- [6] <https://admission.asu.edu/transfer/aas-bas-pathways#eastern>
- [7] <https://admission.asu.edu/transfer/aas-bas-pathways#gila>
- [8] <https://admission.asu.edu/transfer/aas-bas-pathways#mohave>
- [9] <https://admission.asu.edu/transfer/aas-bas-pathways#northland>
- [10] <https://admission.asu.edu/transfer/aas-bas-pathways#pima>
- [11] <https://admission.asu.edu/transfer/aas-bas-pathways#tohono>
- [12] <https://admission.asu.edu/transfer/aas-bas-pathways#yavapai>
- [13] <https://admission.asu.edu/content/accounting-9?comm-college=arizona-western-college>
- [14] <https://admission.asu.edu/content/administration-justice-studies-2?comm-college=arizona-western-college>
- [15] <https://admission.asu.edu/content/air-conditioning?comm-college=arizona-western-college>
- [16] <https://admission.asu.edu/content/air-conditioning-stem-emphasis?comm-college=arizona-western-college>
- [17] <https://admission.asu.edu/content/applied-agriculture?comm-college=arizona-western-college>
- [18] <https://admission.asu.edu/content/automotive-technology-3?comm-college=arizona-western-college>
- [19] <https://admission.asu.edu/content/automotive-technology-stem-emphasis?comm-college=arizona-western-college>
- [20] <https://admission.asu.edu/content/broadcasting?comm-college=arizona-western-college>
- [21] <https://admission.asu.edu/content/business-6?comm-college=arizona-western-college>
- [22] <https://admission.asu.edu/content/carpentry-0?comm-college=arizona-western-college>
- [23] <https://admission.asu.edu/content/carpentry-stem-emphasis?comm-college=arizona-western-college>
- [24] <https://admission.asu.edu/content/community-health-worker?comm-college=arizona-western-college>
- [25] <https://admission.asu.edu/content/computer-graphics?comm-college=arizona-western-college>
- [26] <https://admission.asu.edu/content/computer-information-systems-3?comm-college=arizona-western-college>
- [27] <https://admission.asu.edu/content/construction-trades-management?comm-college=arizona-western-college>
- [28] <https://admission.asu.edu/content/construction-trades-management-stem-emphasis?comm-college=arizona-western-college>
- [29] <https://admission.asu.edu/content/culinary-arts?comm-college=arizona-western-college>
- [30] <https://admission.asu.edu/content/culinary-arts-general-education-emphasis?comm-college=arizona-western-college>
- [31] <https://admission.asu.edu/content/drafting-cad-technology?comm-college=arizona-western-college>
- [32] <https://admission.asu.edu/content/drafting-cad-technology-stem-emphasis?comm-college=arizona-western-college>
- [33] <https://admission.asu.edu/content/early-childhood-education-6?comm-college=arizona-western-college>
- [34] <https://admission.asu.edu/content/electrical-technology-0?comm-college=arizona-western-college>
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- [42] <https://admission.asu.edu/content/informatics?comm-college=arizona-western-college>
- [43] <https://admission.asu.edu/content/law-enforcement-training?comm-college=arizona-western-college>
- [44] <https://admission.asu.edu/content/logistics-supply-chain-management-0?comm-college=arizona-western-college>
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- [46] <https://admission.asu.edu/content/media-arts?comm-college=arizona-western-college>
- [47] <https://admission.asu.edu/content/medical-assistant-2?comm-college=arizona-western-college>
- [48] <https://admission.asu.edu/content/nursing-13?comm-college=arizona-western-college>
- [49] <https://admission.asu.edu/content/paralegal-studies-0?comm-college=arizona-western-college>
- [50] <https://admission.asu.edu/content/plumbing-0?comm-college=arizona-western-college>
- [51] <https://admission.asu.edu/content/plumbing-stem-emphasis?comm-college=arizona-western-college>
- [52] <https://admission.asu.edu/content/radiologic-technology-2?comm-college=arizona-western-college>
- [53] <https://admission.asu.edu/content/solar-photovoltaic-installation?comm-college=arizona-western-college>
- [54] <https://admission.asu.edu/content/solar-photovoltaic-installation-stem-emphasis?comm-college=arizona-western-college>
- [55] <https://admission.asu.edu/content/television-production?comm-college=arizona-western-college>

[56] <https://admission.asu.edu/content/welding-1?comm-college=arizona-western-college>
[57] <https://admission.asu.edu/content/welding-technology-stem-emphasis?comm-college=arizona-western-college>
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[60] <https://admission.asu.edu/content/agriculture-general?comm-college=central-arizona-college>
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[63] <https://admission.asu.edu/content/computer-business-applications?comm-college=central-arizona-college>
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[70] <https://admission.asu.edu/content/digital-media-arts-0?comm-college=central-arizona-college>
[71] <https://admission.asu.edu/content/early-childhood-education-1?comm-college=central-arizona-college>
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[276] <https://admission.asu.edu/content/early-childhood-education?comm-college=tohono-o>

- [277] <https://admission.asu.edu/content/electrical?comm-college=tohono-o>
- [278] <https://admission.asu.edu/content/environmental-studies-indigenous-borderlands?comm-college=tohono-o>
- [279] <https://admission.asu.edu/content/heavy-equipment-operation?comm-college=tohono-o>
- [280] <https://admission.asu.edu/content/hvac?comm-college=tohono-o>
- [281] <https://admission.asu.edu/content/masonry?comm-college=tohono-o>
- [282] <https://admission.asu.edu/content/plumbing?comm-college=tohono-o>
- [283] <https://admission.asu.edu/content/social-work?comm-college=tohono-o>
- [284] <https://admission.asu.edu/content/accounting-7?comm-college=yavapai-college>
- [285] <https://admission.asu.edu/content/administration-justice-5?comm-college=yavapai-college>
- [286] <https://admission.asu.edu/content/administrative-professional-0?comm-college=yavapai-college>
- [287] <https://admission.asu.edu/content/advanced-manufacturing-technology-1?comm-college=yavapai-college>
- [288] <https://admission.asu.edu/content/aerospace-science-airplanehelicoptertechuas?comm-college=yavapai-college>
- [289] <https://admission.asu.edu/content/agriculture-technology-management?comm-college=yavapai-college>
- [290] <https://admission.asu.edu/content/applied-pre-engineering?comm-college=yavapai-college>
- [291] <https://admission.asu.edu/content/automotive-technology-5?comm-college=yavapai-college>
- [292] <https://admission.asu.edu/content/computer-networking-technology?comm-college=yavapai-college>
- [293] <https://admission.asu.edu/content/computer-systems-and-applications?comm-college=yavapai-college>
- [294] <https://admission.asu.edu/content/diesel-technician?comm-college=yavapai-college>
- [295] <https://admission.asu.edu/content/early-childhood-education-5?comm-college=yavapai-college>
- [296] <https://admission.asu.edu/content/electrical-instrumentation-technology-2?comm-college=yavapai-college>
- [297] <https://admission.asu.edu/content/electrical-instrumentation-technology-1?comm-college=yavapai-college>
- [298] <https://admission.asu.edu/content/fire-science-2?comm-college=yavapai-college>
- [299] <https://admission.asu.edu/content/graphic-design-2?comm-college=yavapai-college>
- [300] <https://admission.asu.edu/content/gunsmithing?comm-college=yavapai-college>
- [301] <https://admission.asu.edu/content/management-1?comm-college=yavapai-college>
- [302] <https://admission.asu.edu/content/medical-assistant?comm-college=yavapai-college>
- [303] <https://admission.asu.edu/content/nursing-6?comm-college=yavapai-college>
- [304] <https://admission.asu.edu/content/paralegal-studies-1?comm-college=yavapai-college>
- [305] <https://admission.asu.edu/content/paramedicine-3?comm-college=yavapai-college>
- [306] <https://admission.asu.edu/content/radiologic-technology-1?comm-college=yavapai-college>
- [307] <https://admission.asu.edu/content/video-game-development?comm-college=yavapai-college>
- [308] <https://admission.asu.edu/content/viticulture-and-enology?comm-college=yavapai-college>

ASU@Pinal

Earn your ASU degree at Central Arizona College

Earn a bachelor's degree from Arizona State University without leaving Pinal County. ASU and Central Arizona College have established a partnership that allows you to complete your associate degree at CAC and then pursue your ASU bachelor's degree through classes delivered at the CAC Corporate Center. You can also take advantage of additional cost savings with a reduced ASU tuition rate.

Available undergraduate programs at CAC

Organizational Leadership, BA [1]

This degree program is ideal for helping to advance your career in business, government, nonprofit, health care or service industries. Through this interdisciplinary program, you will gain valuable knowledge to become an organizational leader who is well-versed in leadership styles, communication strategies, resource management, project management and emerging technologies. It is highly recommended that you complete the Arizona General Education Curriculum prior to applying to this program. Complete the course requirements as outlined in the TAG agreement and the AGECE requirements to transfer up to 75 credit hours from the community college. Then, you can complete this bachelor's degree with 45 ASU credits.

See course descriptions and sample schedule [2].

Applied Science (Applied Leadership), BAS* [3]

The applied leadership program prepares students for leadership positions in a wide variety of organizations and career fields. The coursework focuses on the practice of innovative and effective leadership and helps students develop skills and knowledge that leaders need in order to solve problems, communicate effectively, resolve conflicts, assess program effectiveness, lead projects and manage resources.

This BAS program is a valuable degree option for students with an Associate of Applied Science degree. Students learn and apply the leadership skills necessary to prepare them to become more effective leaders in diverse environments – to be team leaders, floor managers and shift captains.

Learn more about this AAS to BAS program and see what AAS programs are compatible with this degree [4].

*Up to an additional 15 hours of lower-division general studies coursework can be completed prior to transferring to ASU. Transfer up to 75 community college credits toward this degree, with 45 credits to be completed at ASU. If lower-division general studies requirements are not complete prior to transferring, the courses can be taken at CAC or ASU. All degree requirements must be met prior to graduation from ASU.

For more information on these two programs, contact Gerry West at gerald.l.west@asu.edu [5].

Organizational Leadership (Project Management), BA [6]

With a concentration in project management, you'll develop the skills and knowledge to advance in your career as a project manager and project manager leader. Covering many fields, organizational leadership courses prepare you for complex project oversight, organizational assessment, project leadership and more.

Save money

Through the ASU and Central Arizona College partnership, you're able to learn from ASU instructors and earn the same high quality degree you'd earn on an ASU campus, all at a reduced tuition rate. And you can use financial aid and scholarships toward your costs. That, along with the money you'll save by staying in your hometown, adds up to one affordable degree.

Tuition estimator [7]

Your transfer specialist is here to help

Connect with your transfer specialist to learn more about studying at ASU and get all your questions answered.

Contact your transfer specialist [8]

Schedule an appointment [9]

Source URL: <https://admission.asu.edu/transfer/pinal>

Links:

[1] <https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/LSORGLBA/undergrad/false>

[2] <https://admission.asu.edu/transfer/pinal/org-leadership>

[3] <https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/LSALSBAS/undergrad/false>

[4] <https://admission.asu.edu/aas-bas/central-arizona-college>

[5] <mailto:gerald.l.west@asu.edu>

[6] <https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/LSORGLPMBBA/undergrad/false>

[7] <https://students.asu.edu/tuition>

[8] <https://admission.asu.edu/contact/transfer>

[9] <https://admission.asu.edu/repallcalendar-node-field-avail-app-date/week>

Earn your ASU degree at Arizona Western College

Earn a bachelor's degree from Arizona State University without leaving Yuma. ASU and Arizona Western College have established a partnership that allows you to complete your associate degree at AWC and then pursue your ASU bachelor's degree through classes delivered on the AWC campus. You can also take advantage of additional cost savings with a reduced ASU tuition rate.

Available undergraduate programs at AWC

Criminology and Criminal Justice, BS [1]

Earn a degree that will help prepare you for a career in law enforcement, probation, parole, corrections, private security, court personnel, legal offices or victim advocate agencies. This program introduces you to the fundamental foundations of criminal justice and criminology by preparing you to think critically, contribute to society and enhance public safety. Learn about the causes of crime, the role of criminal justice agencies in the control of crime and the consequences of crime. Study the sociological, psychological, biological and economical explanations for individual crime as well as the differences in crime over time and across neighborhoods, states and countries. Gain an understanding of the history, legal issues and current practices of crime control via police agencies, the court system, prisons, probation and parole.

See course descriptions and sample schedule [2].

For more information, contact Clayton Kidd at clayton.kidd@asu.edu [3].

Organizational Leadership, BA [4]

This degree program is ideal for helping to advance your career in business, government, nonprofit, health care or service industries. Through this interdisciplinary program, you will gain valuable knowledge to become an organizational leader who is well versed in leadership styles, communication strategies, resource management, project management and emerging technologies. It is highly recommended that you complete the Arizona General Education Curriculum prior to applying to this program. Complete the course requirements as outlined in the TAG agreement and the AGEC requirements to transfer up to 75 credit hours from the community college. Then, you can complete this bachelor's degree with 45 ASU credits.

For more information, contact Gerry West at gerald.l.west@asu.edu [5].

Secondary education, BAE [6]

Earn your certification and develop the knowledge and skills to successfully teach grades 6–12. Choose from concentrations in math, science, English or history.

Elementary education and special education, BAE [7]

Earn a dual certification to educate children: Mild-moderate disabilities special education in grades K–12 and elementary education for grades K–8. Develop the knowledge and skills to successfully teach elementary school students, as well as children requiring special education in any grade.

Note: Both education programs provide quality preparation through Mary Lou Fulton Teachers College Professional Pathways, our suite of internships and residencies that expose you to more ways of teaching and learning. You'll work with the support of ASU faculty members, helping you problem-solve while offering you as much support as possible. The result? School hiring managers tell us Teachers College graduates enter the education workforce with the poise and skills of second-year teachers.

For additional information, visit education.asu.edu/awc [8] or contact Laura Corr, laura.corr@asu.edu [9] or 928-317-6205.

Save money

Through the ASU and Arizona Western College partnership, you're able to learn from ASU instructors and earn the same high quality degree you'd earn on an ASU campus, all at a reduced tuition rate. And you can use financial aid and scholarships toward your costs. That, along with the money you'll save by staying in your hometown, adds up to one affordable degree.

Tuition estimator [10]

Your transfer specialist is here to help

Connect with your transfer specialist to learn more about studying at ASU and get all your questions answered.

Contact your transfer specialist [11] Schedule an appointment [12]

Source URL: <https://admission.asu.edu/transfer/asu-yuma>

Links:

[1] <https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/PPCRIMJBS/undergrad/false>

[2] <https://admission.asu.edu/transfer/asu-yuma/criminology-criminal-justice>

[3] <mailto:clayton.kidd@asu.edu>

[4] <https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/LSORGLBA/undergrad/false>

[5] <mailto:gerald.l.west@asu.edu>

[6] <https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/TESEDBAE/undergrad/false>

[7] <https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/TESPEBAE/undergrad/false>

[8] <https://education.asu.edu/awc>

[9] <mailto:laura.corr@asu.edu>

[10] <https://students.asu.edu/tuition>

[11] <https://admission.asu.edu/contact/transfer>

[12] <https://admission.asu.edu/repallcalendar-node-field-avail-app-date/week>

ASU@Yavapai

Earn your degree at Yavapai College

Earn a bachelor's degree from Arizona State University without leaving Yavapai County. ASU and Yavapai College have established a partnership that allows you to complete your associate degree at Yavapai College and then pursue your ASU bachelor's degree through classes delivered on the campus. You can also take advantage of additional cost savings with a reduced ASU tuition rate.

ASU classes will be offered on-site at Yavapai College or in a hybrid format, which blends in-person and online instruction.

Yavapai College, Prescott Valley Campus
6955 Panther Path, Prescott Valley, AZ 86314

Available undergraduate programs at Yavapai College

Applied Science (Health Sciences), BAS [1]

Designed for both entering and current employees in the health and health care fields, a concentration in health sciences will prepare you for advancement in your primary field, positions in management, and advanced educational and instructional expertise.

For more information on this program, contact Jackie Collins [2].

Applied Science (Applied Leadership), BAS [3]

This is an ideal program if you have already earned or are earning an AAS degree. Learn effective leadership skills to take the next step in your career.

Organizational Leadership, BA [4]

Advance your career and become a leader in your organization. Develop the skills and knowledge to manage resources, communicate effectively, use emerging technologies and lead projects.

Organizational Leadership (Project Management), BA [5]

With a concentration in project management, you'll develop the skills and knowledge to advance in your career as a project manager and project manager leader. Covering many fields, organizational leadership courses prepare you for complex project oversight, organizational assessment, project leadership and more.

For more information on these leadership programs, contact Gerry West [6].

Your transfer specialist is here to help

Connect with your transfer specialist to learn more about studying at ASU and get all your questions answered.

Contact your transfer specialist [7] Schedule an appointment [8]

Source URL: <https://admission.asu.edu/transfer/asuyavapai>

Links:

[1] <https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/NUHSCBAS/undergrad/false>

[2] <mailto:jries@asu.edu>

[3] <https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/LSALSBAS/undergrad/false>

[4] <https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/LSORGLBA/undergrad/false>

[5] <https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/LSORGLPMBAS/undergrad/false>

[6] <mailto:Gerald.L.West@asu.edu>

[7] <https://admission.asu.edu/contact/transfer>

[8] <https://admission.asu.edu/repallcalendar-node-field-avail-app-date/week>

ASU@TheGilaValley

Earn your ASU degree at Eastern Arizona College

Earn a bachelor's degree from Arizona State University without leaving Thatcher, Safford and the surrounding areas. ASU and Eastern Arizona College have established a partnership that allows you to complete your associate degree at EAC and then pursue your ASU bachelor's degree through classes delivered on the EAC Thatcher campus. You can also take advantage of additional cost savings with a reduced ASU tuition rate.

Available undergraduate programs at EAC

Organizational Leadership, BA [1]

This degree program is ideal for helping to advance your career in business, government, nonprofit, health care or service industries. Through this interdisciplinary program, you will gain valuable knowledge to become an organizational leader who is well versed in leadership styles, communication strategies, managing resources, assessing programs and emerging technologies. It is highly recommended that you complete the Arizona General Education Curriculum prior to applying to this program. Complete the course requirements as outlined in the TAG agreement and the AGECE requirements to transfer up to 75 credit hours from the community college. Then, you can complete this bachelor's degree with 45 ASU credits.

See course descriptions and sample schedule [2].

Applied Science (Applied Leadership), BAS [3]

The applied leadership program prepares students for leadership positions in a wide variety of organizations and career fields. The coursework focuses on the practice of innovative and effective leadership and helps students develop skills and knowledge that leaders need in order to solve problems, communicate effectively, resolve conflicts, assess program effectiveness, lead projects and manage resources. This BAS program is a valuable degree option for students with an Associate of Applied Science degree in fields such as fire science, environmental technology, machine shop technology, welding technology and more. Students learn and apply the leadership skills necessary to prepare them to become more effective leaders in diverse environments — to be team leaders, floor managers and shift captains.

Learn more about this AAS to BAS program and see what AAS programs are compatible with this degree [4].

Nursing, BSN [5]

Eastern Arizona College and ASU have partnered to offer a Baccalaureate Nursing Program at EAC. This concurrent enrollment program is for nursing students who meet specific criteria. The program allows students to earn their AAS in Nursing from EAC while simultaneously earning their BSN from ASU. The partnership offers the following:

- hybrid classes (in-person classes with online components)
- qualified ASU faculty members from the Thatcher area
- RN-BSN courses taken in a cohort model

Organizational Leadership (Project Management), BA [6]

With a concentration in project management, you'll develop the skills and knowledge to advance in your career as a project manager and project manager leader. Covering many fields, organizational leadership courses prepare you for complex project oversight, organizational assessment, project leadership, and more.

Secondary education, BAE [7]

Earn your certification and develop the knowledge and skills to successfully teach grades 6–12. Choose from concentrations in math, science, English or history.

Elementary education and special education, BAE [8]

Earn a dual certification to educate children: Mild-moderate disabilities special education in grades K–12 and elementary education for grades K–8. Develop the knowledge and skills to successfully teach elementary school students, as well as children requiring special education in any grade.

Note: Both education programs provide quality preparation through Mary Lou Fulton Teachers College Professional Pathways, our suite of internships and residencies that expose you to more ways of teaching and learning. You'll work with the support of ASU faculty members, helping you problem-solve while offering you as much support as possible. The result? School hiring managers tell us Teachers College graduates enter the education workforce with the poise and skills of second-year teachers.

For additional information, visit education.asu.edu/eac [9] or contact Laura Corr: laura.corr@asu.edu [10] or 928-317-6205.

Your transfer specialist is here to help

Connect with your transfer specialist to learn more about studying at ASU and get all your questions answered.

Contact your transfer specialist [11] Schedule an appointment [12]

Source URL: <https://admission.asu.edu/transfer/the-gila-valley>

Links:

- [1] <https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/LSORGLBA/undergrad/false>
- [2] <https://admission.asu.edu/transfer/gila-valley/org-leadership>
- [3] <https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/LSALSBAS/undergrad/false>
- [4] <https://admission.asu.edu/aas-bas/eastern-arizona-college>
- [5] <https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/NUNURDBSN/undergrad/false>
- [6] <https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/LSORGLPMBA/undergrad/false>
- [7] <https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/TESEDBAE/undergrad/false>
- [8] <https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/TESPEBAE/undergrad/false>
- [9] <https://education.asu.edu/eac>
- [10] <mailto:laura.corr@asu.edu>
- [11] <https://admission.asu.edu/contact/transfer>
- [12] <https://admission.asu.edu/repallcalendar-node-field-avail-app-date/week>

ASU@Cochise

Earn your ASU degree at Cochise College

Earn a bachelor's degree from Arizona State University without leaving Sierra Vista. ASU and Cochise College have established a partnership that allows you to complete your associate degree at Cochise and then pursue your ASU bachelor's degree through classes delivered on the Cochise campus. You can also take advantage of additional cost savings with a reduced ASU tuition rate.

Available undergraduate programs at Cochise

Applied Science (Applied Leadership), BAS* [1]

The applied leadership program prepares students for leadership positions in a wide variety of organizations and career fields. The coursework focuses on the practice of innovative and effective leadership and helps students develop skills and knowledge that leaders need in order to solve problems, communicate effectively, resolve conflicts, assess program effectiveness, lead projects and manage resources.

This BAS program is a valuable degree option for students with an Associate of Applied Science degree. Students learn and apply the leadership skills necessary to prepare them to become more effective leaders in diverse environments – to be team leaders, floor managers and shift captains.

*Up to an additional 15 hours of lower-division general studies coursework can be completed prior to transferring to ASU. Transfer up to 75 community college credits toward this degree, with 45 credits to be completed at ASU. If lower-division general studies requirements are not complete prior to transferring, the courses can be taken at Cochise or ASU. All degree requirements must be met prior to graduation from ASU.

AAS in Intelligence Operations Studies [2]

Pursuing an AAS in intelligence operations studies? ASU in partnership with Cochise College recognizes the unique work and areas of study that many members of the military often pursue as part of their service. With a completed AAS degree in intelligence operations studies, you can smoothly transfer 60 credits towards a BAS degree in applied leadership.

Organizational Leadership, BA [3]

This degree program is ideal for helping to advance your career in business, government, nonprofit, health care or service industries. Through this interdisciplinary program, you will gain valuable knowledge to become an organizational leader who is well versed in leadership styles, communication strategies, resource management, project management and emerging technologies. It is highly recommended that you complete the Arizona General Education Curriculum prior to applying to this program. Complete the course requirements as outlined in the TAG agreement and the AGECE

requirements to transfer up to 75 credit hours from the community college. Then, you can complete this bachelor's degree with 45 ASU credits.

Organizational Leadership (Project Management), BA [4]

With a concentration in project management, you'll develop the skills and knowledge to advance in your career as a project manager and project manager leader. Covering many fields, organizational leadership courses prepare you for complex project oversight, organizational assessment, project leadership and more.

Your transfer specialist is here to help

Connect with your transfer specialist to learn more about studying at ASU and get all your questions answered.

Contact your transfer specialist [5] Schedule an appointment [6]

Source URL: <https://admission.asu.edu/transfer/asu-cochise>

Links:

[1] <https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/LSALSBAS/undergrad/false>

[2] <https://admission.asu.edu/content/intelligence-operations-studies?comm-college=cochise-college>

[3] <https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/LSORGLBA/undergrad/false>

[4] <https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/LSORGLPMBA/undergrad/false>

[5] <https://admission.asu.edu/contact/transfer>

[6] <https://admission.asu.edu/repallcalendar-node-field-avail-app-date/week>

ASU@Pima

Earn your ASU degree at Pima Community College

Earn a bachelor's degree from Arizona State University without leaving Pima County. ASU and Pima Community College have established a partnership that allows you to complete your associate degree and then pursue your ASU bachelor's degree through classes delivered at Pima Community College. You can also take advantage of additional cost savings with a reduced ASU tuition rate.

ASU classes will be offered on-site at Pima Community College or in a hybrid format, which blends in-person and online instruction.

Pima Community College, West campus
2202 West Anklam Rd.
Tucson, AZ 85709

Available undergraduate programs at Pima Community College

Applied Science (Applied Leadership), BAS * [1]

The applied leadership program prepares students for leadership positions in a wide variety of organizations and career fields. The coursework focuses on the practice of innovative and effective leadership and helps students develop skills and knowledge that leaders need in order to solve problems, communicate effectively, resolve conflicts, assess program effectiveness, lead projects and manage resources.

This BAS program is a valuable degree option for students with an Associate of Applied Science degree. Students learn and apply the leadership skills necessary to prepare them to become more effective leaders in diverse environments – to be team leaders, floor managers and shift captains.

* Up to an additional 15 hours of lower-division general studies coursework can be completed prior to transferring to ASU. Transfer up to 75 community college credits toward this degree, with 45 credits to be completed at ASU. If lower-division general studies requirements are not complete prior to transferring, the courses can be taken at Pima or ASU. All degree requirements must be met prior to graduation from ASU.

Organizational Leadership, BA [2]

This degree program is ideal for helping to advance your career in business, government, nonprofit, health care or service industries. Through this interdisciplinary program, you will gain valuable knowledge to become an organizational leader who is well-versed in leadership styles, communication strategies, resource management, project management and emerging technologies. It is highly recommended that you complete the Arizona General Education Curriculum prior to applying to this program. Complete the course requirements as outlined in the TAG agreement and the AGECE requirements to transfer up to 75 credit hours from the community college. Then, you can complete this bachelor's degree with 45 ASU credits.

Organizational Leadership (Project Management), BA [3]

With a concentration in project management, you'll develop the skills and knowledge to advance in your career as a project manager and project manager leader. Covering many fields, organizational leadership courses prepare you for complex project oversight, organizational assessment, project leadership and more.

Your transfer specialist is here to help

Connect with your transfer specialist to learn more about studying at ASU and get all your questions answered.

Contact your transfer specialist [4] Schedule an appointment [5]

Source URL: <https://admission.asu.edu/transfer/asu-pima>

Links:

[1] <https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/LSALSBAS/undergrad/false>

[2] <https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/LSORGLBA/undergrad/false>

[3] <https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/LSORGLPMBA/undergrad/false>

[4] <https://admission.asu.edu/contact/transfer>

[5] <https://admission.asu.edu/repallcalendar-node-field-avail-app-date/week>

BYU-Idaho partnership

MyPath2ASU™

MyPath2ASU™ is a set of customized tools to help transfer students from U.S. regionally accredited institutions (including international students transferring from U.S. regionally accredited institutions). MyPath2ASU™ creates a seamless transfer experience to ASU after earning credits or an associate's degree from a U.S. community college or university. Plan a path into your major of choice by taking classes that transfer to ASU—shortening your time to degree completion.

[MyPath2ASU](#) [1]

[Build a Transfer Map](#) [2]

The Associate of Applied Science to Bachelor of Applied Science Program

The AAS to BAS programs is for students who have completed an Associate of Applied Science from BYU-Idaho and want to complete a Bachelor of Applied Science in a complementary discipline at ASU.

[Learn more](#) [3]

Your next steps to applying to ASU

As you're completing your community college coursework, if you have questions about the admission process, requirements or transcripts contact your transfer coordinator and they will be happy to help.

Or if you're ready to apply to ASU, you can begin your application for admission up to a year before you are ready to transfer.

[How and when to apply](#) [4] [Contact a transfer coordinator](#) [5]

Source URL: <https://admission.asu.edu/transfer/byu-idaho>

Links:

- [1] <https://admission.asu.edu/transfer/MyPath2ASU>
- [2] <https://webapp4.asu.edu/transfercreditguide/app/transfermap>
- [3] <https://admission.asu.edu/aas-bas/brigham-young-university-idaho>
- [4] <https://admission.asu.edu/transfer/apply>
- [5] <https://admission.asu.edu/contact/transfer>

AAS to BAS for Brigham Young University Idaho

Transfer simplified

If you're pursuing an Associate of Applied Science from BYU-Idaho, then an ASU Bachelor of Applied Science degree might be the perfect fit for you. This program allows you to transfer 60 credit hours from your Associate of Applied Science degree toward a compatible Bachelor of Applied Science at ASU, with guaranteed admission if you have earned at least a 2.5 grade point average from BYU-Idaho.

Identify the AAS degree you are currently earning at BYU-Idaho and determine your preference for your BAS.

If you're interested in earning a BAS degree, please complete this interest form. [1]

- Administrative Assistant/Office Manager [2]
- Business Management [3]
- Computer Programming [4]
- Engineering Technology [5]
- Family History Research [6]
- Web Design & Development [7]

Source URL: <https://admission.asu.edu/aas-bas/brigham-young-university-idaho>

Links:

- [1] <https://transfer.asu.edu/BYUIdaho/aas-bas-interest>
- [2] <https://admission.asu.edu/content/administrative-assistantoffice-manager?comm-college=brigham-young-university-idaho>
- [3] <https://admission.asu.edu/content/business-management?comm-college=brigham-young-university-idaho>
- [4] <https://admission.asu.edu/content/computer-programming?comm-college=brigham-young-university-idaho>
- [5] <https://admission.asu.edu/content/engineering-technology?comm-college=brigham-young-university-idaho>
- [6] <https://admission.asu.edu/content/family-history-research?comm-college=brigham-young-university-idaho>
- [7] <https://admission.asu.edu/content/web-design-development?comm-college=brigham-young-university-idaho>

Arizona Christian University

Earn a degree in cybersecurity at ASU

Welcome, ACU Firestorms!

You can earn a BS in [applied computing \(cybersecurity\)](#) [1] from ASU while pursuing a BS in interdisciplinary studies at ACU.

ACU students who have completed 24 transferable semester hours, generally upon completion of their first year, are eligible to apply to ASU and attend classes concurrently toward their degrees.

Program at a glance

- Earn a BS in interdisciplinary studies from Arizona Christian University.
- Earn a BS in [applied computing \(cybersecurity\)](#) [1] from Arizona State University.
- Attend classes concurrently on ACU's Glendale campus and (1 mile away) at ASU's West campus after completion of 24 transferable semester hours at ACU.
- Student scholarships, financial aid and tuition are processed through ACU.

Campus locations

ACU's campus and ASU's West campus are one mile apart in a residential neighborhood environment, close to stores, restaurants, parks and public transit.

Arizona Christian University

1 W. Firestorm Way
Glendale, AZ 85306 [2]

Arizona State University's West campus

4701 W. Thunderbird Road
Glendale, AZ 85306 [3]

ASU is here to help

Connect with ASU to learn more about the dual degree program and studying at ASU, and get answers to any questions you may have.

Contact ASU [4] Schedule an appointment [5]

Source URL: <https://admission.asu.edu/transfer/arizona-christian-university>

Links:

[1] <https://newcollege.asu.edu/applied-computing-cybersecurity>

[2] <https://goo.gl/maps/6iSwNwTp5BcREpGr5>

[3] <https://goo.gl/maps/t4fySw6hdpaRq1UV6>

[4] <https://admission.asu.edu/contact/transfer>

[5] <https://admission.asu.edu/repallcalendar-node-field-avail-app-date/week>

Transferring credits to ASU

How credits transfer to ASU

When you transfer to ASU from another college or university, the following general standards for transfer credits apply. You can use ASU transfer tools to learn how credits will transfer and begin creating your roadmap to graduation.

Accepted credits

ASU accepts college-level (not remedial) courses in which you have earned a grade of “C” (4.00 = “A”) or better from regionally accredited colleges and universities.

Applicability

The applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU.

Credit hours

A maximum of 64 semester hours of credit will be accepted as lower-division credit when transferred from a regionally accredited community, junior or two-year college, with the exception of some special programs. An unlimited number of credits hours will be accepted from four-year institutions. Upon admission to the university, you will work with an ASU academic advisor to determine how your transferable credits apply toward your selected major.

Credit conversion

Acceptable academic credits earned at other institutions that are based on a different unit of credit than the one prescribed by the Arizona Board of Regents are subject to conversion before being transferred to ASU. All ASU students must meet graduation requirements (university, college, major and general studies requirements) to earn a four-year degree.

Degree requirements

The ASU college of your major determines how transfer courses fulfill the degree requirements of your ASU major. You should review the degree requirements of the program into which you intend to transfer and talk with an academic advisor about your transfer credits and how they will apply to your degree program.

Determining GPA

Grades and honor points that you earned at other colleges and universities are considered for admission, but your ASU cumulative grade point average is based solely on coursework taken at ASU.

Types of Transfer Credits not accepted by ASU:

- courses in which you earned below “C-” as your final grade
- credit awarded by postsecondary schools in the United States that lack candidate status or are not accredited by a regional accrediting association
- credit awarded by postsecondary schools for life experience
- credit awarded by postsecondary schools for courses taken at noncollegiate institutions (e.g., governmental agencies, corporations, industrial firms, etc.)
- credit awarded by postsecondary schools for noncredit courses, workshops and seminars offered by other postsecondary schools as part of continuing education programs

Transfer Guide

ASU’s Transfer Guide is a helpful online tool to assist you in your transfer planning process. Manage your Transfer Pathways, requested course evaluations, saved courses searches, saved exam searches and more.

[View the Transfer Guide](#) [1]

Military credits

ASU is proud to welcome veterans of the Army, Navy, Air Force, Marines, Coast Guard and National Guard to our undergraduate student community.

Evaluation of military transcripts

ASU uses the American Council on Education's [Guide to the Evaluation of Educational Experiences in the Armed Services](#) [2] to assess how to transfer military credits to ASU. In general, a military course must be similar to an ASU undergraduate course to transfer to ASU.

Military credits that transfer to ASU through educational experiences in the armed services are not applicable toward completing ASU's [general studies requirements](#) [3] for graduation, but do count for total credits toward completion. No transfer credit is awarded for vocational certificate category ACE recommendations.

The JST is reviewed for potential transfer credit in accordance with VA guidelines and Arizona statutes related to awarding credit for military training and education. Credits are evaluated at the time of JST submission to ASU. It is recommended the JST be sent to ASU upon application to ensure timely processing and evaluation.

Military Transcripts Accepted by ASU

ASU accepts the following military transcripts to transfer credits:

- [JST](#) [4] (Joint Services Transcript)
- [Air University Transcript \(formerly Community College of the Air Force\)](#) [5]

The CCAF is a regionally accredited community college. This transcript must be submitted as part of a student veteran's admission package for anyone who served in the United States Air Force, Air Force Reserve or Air Guard.

Veterans exception

By Arizona statute, no failing grades received by a veteran at an Arizona university or community college before military service may be considered when determining admissibility. This exception may be used only one time and applies only to veterans who:

- are honorably discharged
- have served in the armed forces of the United States for a minimum of two years
- have previously enrolled at a university or community college in Arizona

Military service records must be submitted, including form DD 214.

Air University's Associate to Baccalaureate Cooperative

Arizona State University is working in collaboration with Air University to recognize the military education of incoming Air Force personnel. Learn more about this exclusive partnership.

[Air University](#) [6]

Credit by exam

You may earn no more than 60 hours of credit by exam for any degree program, including ASU comprehensive and proficiency exams.

[ASU's credit by exam policy](#) [7]

Frequently asked questions about transferring credits

How do I transfer credits to ASU?

You can transfer credits to ASU by requesting your transcripts from all colleges you have attended and have them sent directly to ASU. Then, when you have completed the admission application, paid the application fee and are admitted to ASU, your qualifying credits will automatically be added to your ASU Degree Audit.

How many credits can be transferred to ASU?

You can transfer a maximum of 64 credits from a regionally accredited community, junior or two-year college for courses in which you have earned a "C" (4.00="A") or better.

What is the ASU Transfer Guide?

ASU's [Transfer Guide](#) [8] is a useful tool that shows how college courses you've already taken will transfer to ASU. If you don't see a particular course in the Transfer Guide, you can request a course evaluation.

View more FAQs [9]

Source URL: <https://admission.asu.edu/transfer/transferring-credits>

Links:

[1] <https://webapp4.asu.edu/transfercreditguide/app/home?init=false&nopassive=true> \

[2] <http://www.acenet.edu/news-room/Pages/Military-Guide-Online.aspx>

[3] https://catalog.asu.edu/ug_gsr

[4] <https://jst.doded.mil/smart/signIn.do>

[5] <https://www.airuniversity.af.edu/Barnes/CCAF/Display/article/803247/community-college-of-the-air-force-transcripts/>

[6] <https://admission.asu.edu/transfer/air-university>

[7] https://catalog.asu.edu/credit_exam

[8] <https://webapp4.asu.edu/transfercreditguide/app/home>

[9] <https://admission.asu.edu/contact/faqs#transfer>

Admitted transfer students

Congratulations on being admitted to Arizona State University. You're well on your way to becoming a Sun Devil. You have just a few things to take care of to make sure you're ready for your first day on campus.

Your next steps as an admitted transfer student

Step 01: Complete the Free Application for Federal Student Aid

To apply for financial aid, complete a Free Application for Federal Student Aid. If you have already completed a FAFSA for another institution, you may use your existing application for the semester you are admitted to ASU. Update the school on your existing FAFSA with the following steps:

1. Go to fafsa.gov [1] to the current year application.
2. Use your U.S. Department of Education PIN to access your account.
3. Add ASU's Federal School Code (001081) to your application.
4. If you have your Data Release Number, or DRN, you can call 800-433-3243 to request that your Student Aid Report be sent electronically to ASU.

View your FAFSA information on your **Finances** tab in My ASU, and view your **Priority Tasks** for important financial aid next steps. Complete any items listed under **Priority Tasks** early to ensure you do not have any barriers to receiving your aid.

We encourage you to [compare financial aid and college costs](#) [2].

Note: Arizona law requires verification of citizenship or other lawful presence in the U.S. for all students receiving financial aid funded by state money.

Step 02: Complete online orientation

Find online orientation in [My ASU](#) [3] and complete it to become more familiar with university resources and services.

Step 03: Submit your MMR immunization verification form

You must submit your measles (rubeola), mumps and rubella [immunization form](#) [4] before you can register for classes. You can fax, email or mail your records to [ASU Health Services](#) [5]. You may receive an immunization at an [ASU Health Services](#) [5] facility on any campus. Call for an appointment. Fees apply.

Downtown Phoenix campus | 602-496-0721

Polytechnic campus | 480-727-1500

Tempe campus | 480-965-3346

West campus | 602-543-8019

Step 04: Register for classes

You must meet with an academic advisor before you can register for your classes. We recommend you review the My Progress Report (DARS) link in [My ASU](#) [3] and use the [Transfer Guide](#) to view course equivalencies before meeting with your academic advisor. Instructions to schedule an advising appointment can be found on [My ASU](#) [3] by clicking on **Advising** in the **My Programs and eAdvisor™** box.

Step 05: Request final transcripts

As soon as you graduate or complete your current semester or term, request an official final transcript be sent from your college or university to ASU Admission Services. If you were concurrently enrolled in high school and college courses, or if you were dually enrolled in college courses taught on your high school campus, you must request official transcripts from both your high school and the college offering the dual enrollment credit. ASU will not award college credit for courses that appear only on high school transcripts.

ASU mailing address:

Admission Services Applicant Processing
Arizona State University
PO Box 871004
Tempe, AZ 85287-0112

USPS:

Admission Services
Arizona State University
PO Box 870112
Tempe, AZ 85287-0112

FedEx, DHL or UPS

Admission Services
Arizona State University
Student Services Building, Room 112
1151 S. Forest Ave.
Tempe, AZ 85287

Important checklist items

Apply for scholarships

Transfer-specific scholarship opportunities are available that can be used to help pay for tuition, housing, books and other costs when you transfer to ASU. You can search for ASU scholarships by major, GPA, college and more.

[View scholarships](#) [7]

Explore housing options

Make the most of your ASU education by living in an environment that sets you up for success. Enjoy the convenience of all-inclusive living, while being steps away from academic buildings, student services and campus dining locations.

[Explore housing](#) [8]

Review parking and transportation

Cars are not the only way to get to ASU. The bus and light rail are affordable options too, and students walk, bike or skateboard to classes and on campus.

[Explore transportation](#) [9]

Attend welcome events

Get to know campus and other Sun Devils at ASU Welcome events. These events are free for all Sun Devils — explore the event schedule below to discover all the ways to get involved.

[View events](#) [10]

Useful links and resources

[AP/IB Credit Guide](#) [11]

[Athletics](#) [12]

[Degrees](#) [13]

[Financial Aid and Scholarship Services](#) [14]

[Find my rep](#) [15]

[First-year success](#) [16]

[Housing](#) [17]

[Pat Tillman Veterans Center](#) [18]

[Pre-health](#) [19]

[Pre-law](#) [20]

[Residency verification](#) [21]

[Scholarship estimator](#) [22]

Frequently-asked questions about transfer at ASU

I applied to ASU and was admitted, but did not attend. Do I need to reapply?

Admission is valid for one consecutive term from your original application term. After that, yes, you need to reapply. Be sure to sign in to [My ASU](#) [3] to see if any additional items are needed to complete your file.

Can transfer students live on campus?

Yes, transfer students are encouraged to live on campus. Living on campus puts you right next to ASU student support resources and helps you be more connected to the university. And research shows that you are more likely to do better in your classes and graduate if you live on campus.

Are ASU scholarships for transfer students available?

Yes. [Scholarships for transfer students](#) [7] are available. Students from Arizona who transfer from an Arizona community college, have at least a 3.50 cumulative GPA and have a demonstrated financial need can apply for the Transfer Achievement Award. High-achieving nonresident transfer students with financial need can apply for ASU's New American University Scholarship. Be sure to file a [Free Application for Federal Student Aid](#) [1] to increase your chances of receiving financial aid.

View more FAQs [23]

Source URL: <https://admission.asu.edu/transfer/admitted>

Links:

- [1] <https://fafsa.gov/>
- [2] <https://admission.asu.edu/cost-aid>
- [3] <https://my.asu.edu/>
- [4] <https://eoss.asu.edu/sites/default/files/asu-immunizationrequirement.pdf>
- [5] <https://eoss.asu.edu/health/contact>
- [6] <https://webapp4.asu.edu/transfercreditguide/app/home>
- [7] https://scholarships.asu.edu/scholarship-search?acad_level=2560&gpa=All&residency=All&acad_load=All&campus=All&college=All&major=&keys=
- [8] <https://housing.asu.edu/>
- [9] <https://cfo.asu.edu/transportation>
- [10] <https://eoss.asu.edu/welcome/events>
- [11] https://catalog.asu.edu/credit_exam
- [12] <http://thesundevils.com/>
- [13] <https://asu.edu/degrees>
- [14] <https://students.asu.edu/financialaid>
- [15] <https://admission.asu.edu/contact/transfer>
- [16] <https://fys.asu.edu/>
- [17] <https://housing.asu.edu/>
- [18] <https://veterans.asu.edu/>
- [19] <https://students.asu.edu/pre-health>
- [20] <https://students.asu.edu/prelaw>
- [21] <https://students.asu.edu/residency>
- [22] <https://scholarships.asu.edu/estimator>
- [23] <https://admission.asu.edu/contact/faqs#transfer>

International undergraduate admission application

Attending Arizona State University means you'll benefit from prestigious faculty, state-of-the-art facilities and a vibrant community of students from 136 countries around the globe. Choose from more than 350 undergraduate degree programs that will lead you to a successful career path.

International student admission requirements

Academic requirements

First-year students must have a 3.00 grade point average (GPA) (a "B" or better where "A"=4.00) from a secondary school.

Transfer students must have a minimum 2.50 GPA (a "C+" or better where "A"=4.00) from a college or university. Some ASU programs require a minimum transfer GPA of 3.00, including the W. P. Carey School of Business and Ira A. Fulton Schools of Engineering.

Some ASU programs may have higher admission requirements and may require a minimum ACT or SAT score.

Must have three years of high school work (If you are currently in high school, ASU needs to see 9–11 grade work. If you have completed high school then ASU needs to see 10–12 grade work).

Must have and present a completed high school diploma or certificate.

Competency requirements

International students who attended four years of high school in the U.S. are required to meet the competency requirements.

- English: four years (composition/literature based).
- Math: four years (algebra I, geometry, algebra II and one course requiring algebra II as a prerequisite).
- Laboratory science: three years total (one year each from any of the following areas are accepted: biology, chemistry, earth science, integrated sciences, and physics) .
- Social science: two years (including one year American history).
- Foreign language: two years (same language).
- Fine arts: one year.

International students who completed high school outside the U.S. are required to meet the following competency requirements:

- Math: four years (algebra I, geometry, algebra II and one course requiring algebra II as a prerequisite).
- Laboratory science: three years total (one year each from any of the following areas are accepted: biology, chemistry, earth science, integrated sciences and physics).

Comparable degree requirements in different countries and territories

Arizona State University recognizes that educational systems are different across the world. To help you determine if your academic credentials are comparable to a U.S. high school degree and to understand the documents that need to be submitted for admission, please review the requirements for the country from which your credential was earned.

[Archivist's Note: In-page by-country requirements tool unable to be captured.]

How to apply to an American university

Step 01: Complete the undergraduate application for admission.

Apply online with [ASU's Application for Admission](#) [1], the [Common Application](#) [2] or the [Coalition Application](#) [3]. We have no preference between the ASU application, the Common Application or the Coalition Application. If two applications are submitted, one will be canceled in our system. Application fees are nonrefundable.

[ASU's Application for Admission](#) [1] [Common Application](#) [2] [Coalition Application](#) [3]

Send all supporting documents (transcripts and test scores) to:

Admission Services
Applicant Processing
1150 East University Drive Building C, Room 226
Tempe AZ 85281

For more information about sending transcripts, please visit admission.asu.edu/transcripts [4]

Step 02: Submit the nonrefundable application fee.

The application fee is \$85 (U.S. Dollars). If you did not submit your application fee with your admission application, you may make your payment through [My ASU](#) [5], or submit payment in the form of a check or money order drawn on a U.S. banking affiliate and made payable to Arizona State University. Do not send cash or international postal money orders. Application fees cannot be waived or transferred to a future application. International students can apply via the [Common Application](#) [2] or [Coalition Application](#) [3] instead of the [ASU application](#) [1], and pay the application fee of \$85 through the Common or Coalition Applications.

Step 03: Request your official transcript and examination results be sent directly from your school(s) or exam board to Admission Services.

Official transcripts are certified copies of official documents from each secondary school, college, university or technical school attended. Records must include courses completed, grades or marks earned, and certificates or degrees awarded. Include a certified English translation of all documents not written in English.

Transcript Requirements

Upon graduation or completion of the semester, request that a final transcript be sent directly to ASU to determine final admission status. If your school(s) cannot send them directly to ASU, you may send them yourself, making sure they meet one of the following requirements:

- Original academic credentials issued by the registrar of the institution attended, bearing the original raised or colored seal of the institution and the signature of the institution's registrar, academic official or recognized international organization.
- Photocopies of original academic credentials that have been verified as true copies of the original by a responsible official of the institution attended or by an education representative of the country's government or embassy. Each page must bear the verifying Official's signature and stamp. U.S. Consulate/Embassy in home country (e.g., U.S. consulate in India) or country specific embassy/consulate if in the U.S. (e.g., Indian Consulate/Embassy in U.S.)
- Photocopies of original academic credentials that have been certified by a recognized international education organization, such as [Education USA](#) [6], [AMIDEast](#) [7] or [US India Educational Foundation](#) [8].

You must have one set of official transcripts from every high school, college and university from which you earned a high school diploma sent to ASU (see mailing address).

NOTE: Transfer applicants with 24 or more transferable semester credit hours from a regionally accredited college or university, and who will be 22 or older by the start of the requested semester of admission, will not be required to submit a high school transcript for admission. Once all prior college or university transcripts and outstanding admission items are received and verified, the high school transcript requirement will be waived. Transfer applicants are required to have graduated from an approved high school (or equivalent) prior to the semester of requested admission at ASU and to include this information on the application for admission. Refer to admission.asu.edu/transfer/apply [9] for more information on transfer requirements.

Admission Services

Applicant Processing

1150 East University Drive Building C, Room 226

Tempe AZ 85281

For more information about sending transcripts, please visit admission.asu.edu/transcripts [10]

Note: Any document ASU receives becomes property of ASU and will not be returned to you.

Note: Photocopies certified by a notary public are not official. Scanned copies are also not accepted in lieu of original official academic documents.

Transcript Translation

All international transcripts must be submitted in the original language accompanied by an official English translation. Translations must be literal, complete versions of the originals and must be translated by one of the following:

- Issuing university or college.
- Official translation service (some example agencies listed at: <https://www.naces.org/members> [11])
- Ministry of Education, consulate, or embassy
- Education USA (EdUSA) [6], AMIDEAST [7], US India Education Foundation (USIEF) [8].

The translation does not take the place of submitting official academic records in the original language. The translation is in addition to the official academic record. Translations may not be completed by the student. Translations certified by a notary public are not acceptable.

Step 04: Provide evidence of English language proficiency.

Have your TOEFL, IELTS or PTE score, sent directly to ASU, or provide proof of completion from Global Launch.

TOEFL

The official TOEFL score report can be sent directly to ASU from the Educational Testing Service. ASU's TOEFL institutional code is 4007. For information about this test and registration procedures, contact ETS at PO Box 6151, Princeton, NJ 08541-6151, USA or visit www.toefl.org [12].

IELTS

For information about this test and registration procedures, contact the IELTS Office, University of Cambridge Local Examination Syndicate, 1 Hills Road, Cambridge/CB1 2EU, UK or visit www.ielts.org [13].

PTE

For information about the Pearson Test of English, visit www.pearsonpte.com [14].

Global Launch

ASU accepts completion of the in-person [Intensive English Program \(IEP\)](#) [15] or online [English for Undergraduate Admission course](#) [16].

Duolingo English test (accepted for students seeking degree admission for 2020 and 2021 semesters)

[Learn more about the Duolingo test](#) [17]

[Undergraduate English proficiency](#) [18]

Step 05: Submit your ACT or SAT scores.

If you have taken the ACT or SAT, please submit official scores to Undergraduate Admission Services. Some ASU colleges have minimum ACT and SAT score requirements for entrance to their programs.

Step 06: Submit your student visa application.

All international students planning to attend Arizona State University will need to first apply for an I-20 in order to apply for an F-1 or J-1 student visa.

[Student visa info](#) [19]

American university admission reminders

Documentation

All documents must be an original or an attested copy with an original institutional seal and/or signature. Photocopies, notarized copies, faxes or scans are not considered original documents. All documents must be translated into English if the original is not issued in English.

Note: Before mailing or sending any documentation, you must fill out an ASU application. Sending documents before doing so will delay the processing of your application. It is also recommended that you include your ASU EMPLID on the envelope of any documents being mailed to ASU.

Do you have any college credits?

- All college work must be reported at the time of filling out your application.
- We must see all transcripts/academic records from all institutions that you have ever attended (regardless if you have finished the program at that institution or not).
- All documents not issued in English must be accompanied by an English translation.

Professional third-party evaluations

ASU provides in-house credential evaluations of your secondary and postsecondary academic records at no extra cost. However, if you have already had your academic credentials evaluated, ASU will consider course-by-course evaluations from the three agencies below:

- Educational Credential Evaluators [20]
- Foreign Credentials Service of America [21]
- Academic Credentials Evaluation Institute [22]

Note: Official evaluations do not take the place of official academic records. The evaluation is in addition to the official academic record. If the evaluation agency includes academic records they used to complete their evaluation and indicates that the evaluation was based on official or authenticated records, we may accept those documents as official.

Conditional admission

ASU may offer conditional undergraduate admission to international applicants who meet the academic (aptitude) requirements but who are not proficient in English. This offer of conditional admission will give you time to improve your English proficiency before you start classes at ASU. Your conditional admission offer is good for up to three semesters, during which time you must [meet one of these requirements](#) [23] to begin your ASU experience.

Application deadlines

You must submit your application for admission to ASU, along with the application fee, by the deadline specified for each semester. To expedite the evaluation of your application, please remember to submit official transcripts, test scores and supporting credentials along with your application.

Spring 2020

Nov. 1, 2019

Application priority deadline

Dec. 1, 2019

Enrollment deposit date
(first-year students only)

Jan. 13, 2020

Classes start

Fall 2020

May 1, 2020

Application priority deadline

May 1, 2020

Enrollment deposit date
(first-year students only)

Aug. 20, 2020

Classes start

Note: Applications for summer that are not completed in time for the start of the summer sessions will be reviewed for admission for the fall semester.

Note: International students who have been admitted for the fall semester who would like to begin attending classes during the summer must contact [Admission Services](#) [24] by May 1. Otherwise, I-20s will be created for the fall semester.

Make sure to apply as early as possible to allow time for all documentation and processes to be completed.

Frequently asked questions about international undergraduate admissions

How do I apply to ASU as an international student?

To apply to ASU as an international student, you must meet certain academic requirements, as well as demonstrate proof of English proficiency. Review this page for admission and English proficiency requirements, application procedures and deadlines for undergraduate students.

Do I have to know English to study at ASU?

Yes. ASU requires proof of English proficiency from all international student applicants, or applicants whose native language is not English. ASU accepts TOEFL, PTE or IELTS scores or completion of ASU's [Global Launch](#) [15] English and academic preparation courses as proof of English proficiency.

What is Global Launch?

[Global Launch](#) [15] is Arizona State University's English language and academic preparation unit, providing face-to-face and online English and Pathways programs for international students seeking admission to the university.

View more FAQs [25]

Source URL: <https://admission.asu.edu/international/undergrad-apply>

Links:

- [1] <http://www.asu.edu/ugapp>
- [2] <https://apply.commonapp.org/Login?ma=901>
- [3] <https://www.mycoalition.org/public/info/asu>
- [4] <https://admission.asu.edu/transcripts>
- [5] <http://my.asu.edu/>
- [6] <https://educationusa.state.gov/find-advising-center>
- [7] <https://www.amideast.org/>
- [8] <http://www.usief.org.in/Study-in-the-US/Attestation-Services.aspx>
- [9] <https://admission.asu.edu/transfer/apply>
- [10] <https://admission.asu.edu/transcripts>
- [11] <https://www.naces.org/members>
- [12] <http://www.ets.org/toefl>
- [13] <https://www.ielts.org/en-us/>
- [14] <https://www.pearsonpte.com/>
- [15] <https://learnenglish.asu.edu/>
- [16] <https://learnenglish.asu.edu/online/admission>
- [17] <https://testcenter.zendesk.com/hc/en-us/sections/360001819272-Preparing-for-the-Duolingo-English-Test>
- [18] <https://admission.asu.edu/international/undergrad/english-proficiency>
- [19] <https://admission.asu.edu/international/student-visa>
- [20] <https://www.ece.org/ECE>
- [21] <https://foreigncredentials.org/>
- [22] <https://www.acei-global.org/>
- [23] <https://admission.asu.edu/international/undergrad/english-proficiency>
- [24] <https://admission.asu.edu/contact/international>
- [25] <https://admission.asu.edu/contact/faqs#international>

English proficiency for international undergraduate applicants

English proficiency exam update

For students affected by center closures

For international students affected by testing centers closures due to the coronavirus (COVID-19), Arizona State University has temporarily approved the use of the Duolingo English test in addition to the in-person TOEFL, IELTS and PTE English proficiency exams. Duolingo English tests will be accepted for students seeking program admission for the 2020 and 2021 semesters (spring, summer and fall).

The exam cost \$49 (USD) and may be taken from any computer that has a camera, audio and reliable internet. The exam portion of the Duolingo English test contains a series of speaking, reading, writing and listening exercises. Following the exam, there will be an interview portion that will ask you to respond to various prompts in 30 to 90 seconds. The exam will take about 45 minutes to complete and you will need either a passport, driver license, or national or state ID to show the camera. The score results are generally received within a few days of exam completion.

Should you choose to take the Duolingo English test, the access information is below.

Information on preparing for the exam [1] | Take the exam or practice exam [2]

A verification email will be sent to you a few days after completing the exam containing a link to send your score to ASU.

For additional information, please review the frequently asked questions [3].

An applicant who is not a U.S. Citizen or is not a permanent resident of the U.S., or a citizen of a country listed on the "English Speaking Country" list must demonstrate English proficiency.

English language proficiency requirements

You must meet one of the following English language proficiency requirements.

Pass the TOEFL, IELTS or PTE* or Duolingo English test

Test of English as a Foreign Language (TOEFL)

TOEFL iBT (internet-based test)

For the general requirement programs, the minimum score is 61 (iBT). ASU's institutional code is 4007. ASU accepts only electronic copies of the TOEFL score report.

Bachelor of Science in Nursing: minimum score of 76.

Ira. A Fulton Schools of Engineering (higher admission requirement programs only): minimum score of 79.

Walter Cronkite School of Journalism and Mass Communication: minimum score of 100.

Learn more about the TOEFL [4]

TOEFL pBT (paper-based test)

For the general requirement programs, the TOEFL paper-based tests (pBT) minimum score is 57.

Bachelor of Science in Nursing is minimum score is 63.

Ira A. Fulton Schools of Engineering (higher admission requirement programs only) minimum score is 63.

Walter Cronkite School of Journalism and Mass Communication minimum score is 72.

International English Language Testing System (IELTS)

The overall band score requirement for the academic test is at least 6.0. The general training exam is not accepted. No institutional code is needed.

Bachelor of Science in Nursing: minimum score of 6.5.

Ira. A Fulton Schools of Engineering (higher admission requirement programs only): minimum score of 6.5.

Walter Cronkite School of Journalism and Mass Communication: minimum score of 7.0.

Learn more about IELTS [5]

Pearson Test of English (PTE)

ASU requires a score of at least 53.

This test is not accepted for admission to the Bachelor of Science in Nursing program.

Ira. A Fulton Schools of Engineering (higher admission requirement programs only): minimum score of 58.

Walter Cronkite School of Journalism and Mass Communication: minimum score of 73.

Learn more about PTE [6]

Duolingo English test (accepted for students seeking admission for 2020 and 2021 semesters)

General requirement programs: minimum score of 95.

Bachelor of Science in Nursing: minimum score of 100.

Ira. A Fulton Schools of Engineering (higher admission requirement programs only): minimum score of 105.

Walter Cronkite School of Journalism and Mass Communication: minimum score of 120.

Learn more about the Duolingo English test [1]

An IELTS, PTE or TOEFL must have been taken no longer than two years prior to the student's start date at ASU. Applicants who have scores that are more than two years old (or will be more than two years old by the time of ASU's start date) may be requested to submit updated test scores or demonstrate English proficiency through one of the other listed options.

Complete Global Launch courses*

Intensive English Program (IEP) at ASU

Completion of advanced 2 level with a passing score.

Learn more about IEP [7]

Online English course

Completion of English for Undergraduate Admission online course with a passing score.

Learn more about the Online English course [8]

*Individual academic units may have higher requirements for English proficiency. Review your degree program of interest for details. Visit ASU's degree search to find your program.

Other ways to demonstrate English proficiency

- U.S. citizens or U.S. permanent residents.
- Citizen of an English-speaking country or territory [9].
- Junior and senior year of high school completed in the U.S. AND ACT English score of 23 or higher or SAT EBRW score of 580 or higher, AND two years English.
- Four years of high school in the U.S. with four years of English.
- 48 transferable credits from a regionally accredited U.S. college or university with a GPA of 2.50 or higher, of which six credits are in first-year English (comparable to ASU ENG 107 and 108).
- Undergraduate applicants who have earned a secondary or high school degree or higher from an international institution that is officially recognized by that country, and whose sole medium of instruction for the degree

program was in English. If the transcript does not indicate language of instruction, the applicant should email asuinternational@asu.edu [10] to request exemption and include a letter from the institution on letterhead indicating language of instruction or provide information on the institution website to verify language of instruction.

Note: English as a Second Language (ESL) courses are not accepted as proof of English proficiency.

Source URL: <https://admission.asu.edu/international/undergrad/english-proficiency>

Links:

[1] <https://testcenter.zendesk.com/hc/en-us/sections/360001819272-Preparing-for-the-Duolingo-English-Test>

[2] <https://englishtest.duolingo.com/applicants>

[3] <https://testcenter.zendesk.com/hc/en-us>

[4] <http://www.ets.org/toefl>

[5] <https://www.ielts.org/>

[6] <https://pearsonpte.com/>

[7] <https://learnenglish.asu.edu/>

[8] <https://learnenglish.asu.edu/online/admission>

[9] <https://admission.asu.edu/international/english-speaking-countries>

[10] <mailto:asuinternational@asu.edu>

Student visas

I-20 updates for fall 2020 semester

We look forward to the fall 2020 semester and have been hard at work making plans to welcome our new international students to campus.

We know there may currently be disruptions to the I-20 and visa process, including consulate and bank closures, visa interview delays and flight interruptions. ASU is here to help you through, and will be flexible with your arrival to campus.

What we want you to know

1. **Do not delay in submitting your documents required for issuance of your I-20 to us.** Upload what you have to [My ASU](#) [1] as soon as you have them. If you are waiting for other documents, submit what you have so far, then upload your final documents once you have them.
2. **As soon as you receive your visa and are ready to travel, contact ASUinternational@asu.edu or +1 480-965-2437.** We will work with you to schedule your arrival date to ASU.
3. **If you miss the I-20 deadline for fall sessions A and C, you have the option to begin your semester through ASU Sync, then arrive on campus for the fall session B start date.** Contact ASUinternational@asu.edu with your fall plans so that we may update your I-20 with appropriate program dates for fall session B.
4. **If you have any questions, please contact our International Admission Services team at ASUinternational@asu.edu or +1 480-965-2437.** We will work with you to keep you on track.

Helpful reminder

Be sure to [check wait times for your local embassy](#) [2], as some areas may be experiencing wait times longer than 30 days. Complete these steps as soon as possible so that when your local embassy can take your appointment, you will be ready to proceed with your next steps.

Types of international student visas

As an international student at Arizona State University, you will need to obtain an F-1 or J-1 student visa.

F-1 student visa

The F-1 visa is the most common student visa and is issued to full-time students enrolled in an academic or language program at a U.S. institution. Any student who is funded either by personal or outside funds, or a combination of the two, is eligible for F-1 status. If you are a student applying for an F-1 visa, you must request the SEVIS Form I-20 from the appropriate ASU admission office once admitted to ASU.

J-1 student visa

The J-1 visa is an exchange visitor visa issued to students at all academic levels. Students must have a substantial portion of their funding coming from a source other than their personal finances (e.g., their home institution or government). If you are a student applying for a J-1 visa, you must request Form DS-2019 from the appropriate ASU admission office once admitted to ASU.

F-2 dependent visa (undergraduate)

The F-2 visa is a nonimmigrant visa that allows dependent spouses and children of F-1 student visa holders to enter the U.S. and enroll in an educational institution. As a student with F-2 visa status, you can attend ASU only as a part-time student. For the undergraduate level, this means you may register for up to 11 credit hours for the spring and fall terms.

[More F-2 information](#) [3]

F-2 dependent visa (graduate)

The F-2 visa is a nonimmigrant visa that allows dependent spouses and children of F-1 student visa holders to enter the U.S. and enroll in an educational institution. As a student with F-2 visa status, you can attend ASU only as a part-time student. For the graduate level, this means you may register for up to eight credit hours for the spring and fall terms. Some graduate programs do not allow students to attend part time. For additional information, please contact your program of interest.

[More F-2 information](#) [3]

SEVIS Form I-20

An initial I-20 is issued for students with a new SEVIS record. A transfer I-20 is issued for students who have an active SEVIS record at a U.S. high school or higher education institution, and are transferring their records to ASU.

Initial I-20

If you have not been issued an I-20 in the past, or if you have but the SEVIS record affiliated with that I-20 was terminated or completed, you should request an initial I-20.

Once you have uploaded all required documents in [My ASU](#) [1] for the I-20, ASU Admission Services will begin the process of creating your initial I-20.

Transfer I-20

If you have an active SEVIS record at another U.S. school (high school or higher education institution) and are requesting an I-20 through ASU, you should follow the [Request Transfer SEVIS Form I-20](#) [4] section below. Once you have uploaded all required documents in [My ASU](#) [1] for the I-20, ASU Admission Services will begin the process of creating your transfer I-20.

[Go to the Transfer Sevis section](#) [5]

Getting an I-20

An I-20 is an important immigration document that F-1 students need in order to obtain their student visa and enter the U.S. ASU guides each student through the process of obtaining their I-20. **Priority Tasks** on [My ASU](#) [1] alerts students to the steps they need to take. The process of obtaining an I-20 can take some time, so it is important not to wait until the last minute to begin gathering the necessary documents and uploading them.

For sponsored students, the steps to obtaining an I-20 are slightly different than for nonsponsored students. Students should use the descriptions below to determine whether or not they are a sponsored student.

Sponsored student

A sponsored student's school and living expenses are paid by a sponsoring agency recognized by ASU.

Some examples of sponsoring agencies are ADNOC, ARAMCO, Dubai Electricity & Water Authority, Kuwait Cultural Office, Oman Cultural Division, Qatar Airways, Qatar Defense Attaché, Qatar Higher Education Institute, Qatar Petroleum, RasGas, Saudi Arabian Cultural Mission, Sidra, UAE Cultural Division and the UAE Scholarship Coordination Office.

Most of ASU's sponsored students come from Saudi Arabia, Kuwait, UAE, Qatar and Oman.

Note: Students receiving an ASU scholarship or TA/RA position are not considered sponsored students.

Nonsponsored student

A non-sponsored student's school and living expenses are paid for through personal or family funds, loans or through other means not associated with an ASU-recognized sponsoring agency.

Students who are unsure if they are a sponsored student should contact ASU Admission Services at ASUinternational@asu.edu or +1 480-965-2437.

How to request an I-20

Step 01: Fill out the Financial Guarantee form

In compliance with the Department of Homeland Security and SEVIS regulations, all international applicants on the F-1 student visa must provide evidence of sufficient funds available for their studies in the U.S. For this purpose, a [Financial Guarantee form](#) [6] must be completed and submitted along with bank statements dated within the past six months and signed or wet stamped by an authorized bank or representative, or by a recognized sponsoring agency in the U.S. Please submit your Financial Guarantee form along with your bank statements or sponsor letter from an authorized sponsoring agency. ASU will not be able to process your SEVIS Form I -20 without receipt of your Financial Guarantee.

Please refer to the Financial Guarantee form to determine the amount of funds required for your specific program and campus. You can access the form [here](#) [6].

Students with dependents (a spouse and/or child) who will be joining them in the U.S. during their time on an F-1 or J-1 visa will need to provide proof of the following additional funds:

Additional financial support needed for dependents

Spouse – \$7,000

Each child – \$5,000

[Financial Guarantee form](#) [6]

Step 02: Provide bank statements

The **Financial Guarantee** form is separate from the financial documentation that you will need to provide. Examples of **financial documents** valid for I-20 processing are listed below.

Bank statements that show liquid funds (funds that can be immediately accessed and used). These can be one statement covering the entire amount displayed on the financial guarantee form for one year of attendance at the university, or a collection of bank statements from the people listed on the financial guarantee as sponsors. Note that the summary of available balances on these statements will still need to total the amount listed on the financial guarantee form for one year of attendance at the university. These statements need to be dated within the last 12 months. Please note that an Affidavit of Support cannot be used in lieu of a bank statement.

For sponsored students, a **sponsor letter** produced by a sponsoring agency recognized by ASU stating the applicant's full name, academic program in ASU, term of the sponsorship and amounts covered by it. Some of the agencies are: ADNOC, ARAMCO, Dubai Electricity & Water Authority, Kuwait Cultural Office, Oman Cultural Division, Qatar Airways, Qatar Defense Attaché, Qatar Higher Education Institute, Qatar Petroleum, RasGas, Saudi Arabian Cultural Mission, Sidra, UAE Cultural Division and the UAE Scholarship Coordination Office. You can read more about this in the sponsored student section.

Step 03: Upload a copy of your passport

You may take a clear photo or scan of the biographic page of your passport and upload it to the link on [My ASU](#) [1]. The bio page is the page that shows your picture and personal details. Your passport must be valid for at least six months after your proposed date of entry into the U.S. If it is not valid, the I-20 will not be processed.

Step 04: Request initial SEVIS Form I-20 or Form DS-2019

Undergraduate students

Once you are admitted to ASU and submit your financial guarantee, you will need to complete two steps for us to create and send your SEVIS Form I-20 or Form DS-2019. The tasks will appear in your Priority Tasks list on [My ASU](#) [1]. Upload the following items through My ASU, then request Form I-20 or Form DS-2019:

- [Financial Guarantee form](#) [6]
- Proof of finances (bank statement)
- Passport

Click on Priority Tasks to notify us if you are in the U.S. and to request the delivery option for your SEVIS Form I-20.

If you are already studying in the U.S. on a SEVIS Form I-20, you will need to have your records transferred to ASU by following the Transfer SEVIS Form I-20 steps (see Step 03 below).

Graduate students

Once you are admitted to a graduate program at ASU, you will see new items on your [My ASU](#) [1] Priority Tasks list. The items include:

- Financial Guarantee form
- Proof of finances
- Passport
- "Request I-20" or "Request DS-2019"

When you click on the items in your Priority Tasks, a pop-up box will provide you with additional information and directions for what you need to do.

You will also see two Graduate Admission Services holds, which will be removed only when your SEVIS Form I-20 or Form DS-2019 is issued.

When you submit your Financial Guarantee form and proof of finances, allow three business days for the items to be processed and removed from your Priority Tasks list. When the documentation has been added to your electronic file, you

will be assigned to a student services assistant who will process your SEVIS Form I-20 or DS-2019, and who will contact you if there is a problem. Processing a SEVIS Form I-20 or Form DS-2019 usually takes three to seven business days.

OR

Request Transfer SEVIS Form I-20 or Form DS-2019

Undergraduate students

Print the [ASU Undergraduate SEVIS Transfer Request form](#) [7] and submit it to your current school informing your intent to enroll at ASU.

Pick up the new ASU SEVIS Form I-20 in ASU's Office of Undergraduate Admission Services when you arrive at ASU, then report to the International Students and Scholars Office.

If you are going to travel outside the U.S. before your studies at ASU, you will need to re-enter the U.S. with the ASU SEVIS Form I-20. Contact ASU [International Admission Services](#) [8] to make arrangements to receive the ASU SEVIS Form I-20 before leaving the U.S. ASU will not mail the SEVIS Form I-20 unless you request it. If you need your SEVIS Form I-20 sent to your home country, ASU can send it through FedEx if you provide a credit card number and expiration date to charge the FedEx fee. Present the ASU SEVIS Form I-20 at the U.S. Port of Entry.

If you have any questions, please contact the international student advisor at the school that you are now attending or contact:

Admission Services
1151 S Forest Avenue
Tempe, AZ 85287-0112
Phone: 480-965-2437
Email: asuinternational@asu.edu [9]

Graduate students

Print the [ASU SEVIS Transfer Request form](#) [10]. Fill out the top part of the form and submit it to your current school to inform them of your intent to transfer to ASU. They need to fill out the bottom portion indicating a specific transfer date.

Your SEVIS Form I-20 or Form DS-2019 will be mailed to you or will be available for pick up according to the information you provided when you submitted the "Request I-20" or "Request DS-2019."

If you will travel outside the U.S. before your studies at ASU, contact Admission Services at 480-965-6113 or gograd@asu.edu [11] to provide details about your travel plans.

Step 05: Review SEVIS Form I-20 or Form DS-2019

It is important to understand your SEVIS document; each page contains important information that you must read. You must ensure that all information is correct (spelling, dates, etc.). If there are any mistakes, please contact the admission office as soon as possible to have the information corrected. You will need the SEVIS Form I-20 or Form DS-2019, your ASU notification of admission, the Financial Guarantee form and your passport in order to obtain your student visa at the [U.S. consulate nearest you](#) [12].

Understanding the SEVIS Form I-20

The SEVIS Form I-20 is a three-page government document used for students to obtain an F-1 visa.

- Page 1 contains program and biographical information.
 - Your SEVIS Identification Number is on the top right side of the form. You will need this number for your visa application and to pay the SEVIS fee.

- F-1 students will be permitted to enter the U.S. 30 days prior to their report date, which is No. 5 on their SEVIS Form I-20. Please note that if you enter the U.S. after the report date, you may encounter difficulty with immigration officials at the Port of Entry. By signing the Student Certification No. 11 on the SEVIS Form I-20, you are acknowledging that you have read and understand the terms and conditions of F-1 status.
- Page 2 contains instructions for the school and student. It is important that you read Page 2 of your SEVIS Form I-20, which has important immigration information for maintaining your F-1 status while pursuing your studies as ASU.
- Page 3 contains spaces for future travel authorization. You will not need a signature on this page when you travel to the U.S. using your SEVIS Form I-20 for the first time.

Note: Dependents accompanying the F-1 student in F-2 status must have their own SEVIS Form I-20, issued in the name of the dependent.

Understanding the SEVIS Form DS-2019

The SEVIS Form DS-2019 is a two-page government document used for students and scholars to obtain a J-1 visa.

- Page 1 contains program and biographical information.
 - Your SEVIS Identification Number is on the top right side of the form. You will need this number for your visa application and to pay for the SEVIS fee.
 - This page also contains spaces for future travel authorization. You will not need a signature on this page when you travel to the U.S. using your SEVIS Form DS-2019 for the first time.
- Page 2 contains instructions for the school and student. It is important that you read Page 2 of your SEVIS Form DS-2019, which has important immigration information for maintaining your J-1 status while pursuing your studies at ASU.

Note: Dependents accompanying the J-1 student in J-2 status must have their own SEVIS Form DS-2019, issued in the name of the dependent.

Step 06: Process SEVIS Form I-901 and payment

Upon receipt of SEVIS Form I-20 or Form DS-2019, you will have the information needed to pay the SEVIS fee and the [SEVIS Form I-901](#) [13] fee. You must pay the SEVIS fee and have a receipt prior to applying for a student visa.

The [SEVIS Form I-901](#) [13] fee is mandated by the U.S. Congress to support the program office and the automated system that keeps track of students and exchange visitors, and ensures that they maintain their status while in the U.S.

I-20 and DS-2019 issuance timeline

The U.S. government has strict regulations on the issuance of I-20 and DS-2019 documents to international students who wish to attend an educational institution in the U.S. The dates below are for issuance of an I-20 or DS-2019, the latest date to report to the appropriate international student office, and the final day to be enrolled full time. Any noncompliance with these dates may preclude you from registering for classes. International students not enrolled full time will have their SEVIS record terminated and become subject to detainment and deportation.

Fall 2020 semester

Jan 2, 2020

First day to issue I-20/DS-2019

July 20, 2020

Final day to ship I-20/DS-2019 outside the U.S.

July 20, 2020 — Aug 20, 2020

MANDATORY SEVIS check-in with ISSC

Aug 10, 2020

Final day to ship I-20/DS-2019 for SEVIS transfer students within the U.S.

Aug 20, 2020

Final day for SEVIS transfer students in the U.S. to pick-up I20 at ASU.

Aug 20, 2020

First day of classes and deadline to check-in with ISSC

Spring 2021 semester**Sept 1, 2020**

First day to issue I-20/DS-2019

Dec 11, 2020

Final day to ship I-20/DS-2019 outside the U.S.

Dec 11, 2020 — Jan 11, 2021

MANDATORY SEVIS check-in with ISSC

Dec 31, 2020

Final day to ship I-20/DS-2019 for SEVIS transfer students within the U.S.

Jan 11, 2021

Final day for SEVIS transfer students in the U.S. to pick-up I20 at ASU.

Jan 11, 2021

First day of classes and deadline to check-in with ISSC

Summer 2021 semester**Jan 11, 2021**

First day to issue I-20/DS-2019

April 16, 2021

Final day to ship I-20/DS-2019 outside the U.S.

April 17 — May 17, 2021

MANDATORY SEVIS check-in with ISSC

May 7, 2021

Final day to ship I-20/DS-2019 for SEVIS transfer students within the U.S.

May 17, 2021

Final day for SEVIS transfer students in the U.S. to pick-up I20 at ASU.

May 17, 2021

First day of classes and deadline to check-in with ISSC

The student visa application process**Step 01:** Apply for nonimmigrant visa, DS-160

As a visa applicant, you must submit a completed [DS-160, Online Nonimmigrant Visa Application](#) [14] for all nonimmigrant visa categories. Read complete details about [student visas](#) [15].

Note: After you have completed the DS-160, you will need to print and keep the DS-160 barcode page.

Step 02: Schedule visa interview

To schedule your interview, locate your local [U.S. Embassy or Consulate](#) [12]. Each consulate sets its own [timeline for accepting and processing](#) [2] student visa applications. If the consulate says apply “at least” 60 days before your program departure, this means no fewer than 60 days. To avoid problems, submit your visa application at the earliest date the consulate will accept it.

Step 03: Pay visa application fee

Please read information about [nonimmigrant visa application fees](#) [16]. Applicants must pay these fees as directed prior to their visa interview, and they must bring the receipt to their interview.

If the visa is issued, please note that a visa issuance reciprocity fee may be applicable based on your country of citizenship. Please refer to the [Visa Reciprocity Table](#) [17] to see if this fee applies to you.

Step 04: Prepare for visa interview

Start gathering the required documents for your student visa application the moment you apply to your program. Read through all information provided online by the [U.S. Embassy or Consulate](#) [12] that you will be visiting. At your interview, you will need to provide:

- SEVIS Form I-20 or Form DS-2019 with your SEVIS record number issued by ASU
- a receipt of your SEVIS Form I-901 fee
- confirmation page for application form DS-160
- passport valid for at least six months after your proposed date of entry into the U.S.
- one 2x2 inch photograph of yourself
- a receipt of your visa application fee(s) — pay before your appointment
- financial evidence showing you, your parents, or your sponsor have sufficient funds to cover your tuition and living expenses during your studies
- transcripts or diplomas from previous schools attended
- scores from standardized tests required by the college, such as the TOEFL

[Tips on preparing for your interview](#) [18]

Step 05: Prepare documents for travel

As you get ready to arrive in Arizona, be sure to prepare your documents for travel. Here are some items you should carry with you. It is advisable to keep a copy in your checked luggage and one with your family at home. Make sure you have these original documents available at all times while traveling to and within the U.S.:

- I-20 or DS-2019
- valid passport
- current visa
- copy of immunization records
- original supporting financial documents
- dependents' I-20 or DS-2019 and passports if your spouse and children will be traveling with you
- international travel coverage documents, if you purchased this coverage.

Frequently asked questions about student visa

How do I get a student visa?

To get a student visa, you must first apply and be admitted to ASU. Once admitted, you must apply for an I-20 through ASU by uploading the required documentation. Once you receive your SEVIS number from the I-20 created by ASU, you'll apply for your student visa through your country's embassy. The visa process includes some paperwork and an in-person

interview with an immigration officer at your local embassy. The embassy then creates the student visa with your passport and will indicate the dates you can arrive in the U.S. for your studies.

What is SEVIS?

SEVIS stands for Student and Exchange Visitor Information System. You must complete a SEVIS form I-20 to get an F-1 student visa or a SEVIS form DS-2019 to get a J-1 student visa.

Can I get a job while in the U.S. as a student?

Yes, you may work as a student, though ASU recommends you work no more than 20 hours per week. Many international students work for ASU, as the university employs more than 10,000 students. You may also work off campus, but if you do, it's important that your employer understands that you are an ASU student and that your education is one of your top priorities.

View more FAQs [19]

Source URL: <https://admission.asu.edu/international/student-visa>

Links:

- [1] <http://my.asu.edu/>
- [2] <https://travel.state.gov/content/travel/en/us-visas/visa-information-resources/wait-times.html>
- [3] https://admission.asu.edu/sites/default/files/33056_f-2dependentsintous_handout_v8.pdf
- [4] <https://students.asu.edu/forms/admission>
- [5] <https://admission.asu.edu/international/student-visa#transfer>
- [6] <https://students.asu.edu/forms/FinancialGuarantee>
- [7] <https://students.asu.edu/forms/undergraduate-sevis-transfer-form>
- [8] <https://admission.asu.edu/contact/international>
- [9] <mailto:asuinternational@asu.edu>
- [10] <https://students.asu.edu/graduate-sevis-transfer-request-form>
- [11] <mailto:gograd@asu.edu>
- [12] <http://www.usembassy.gov/>
- [13] <https://www.fmjfee.com/>
- [14] <https://travel.state.gov/content/travel/en/us-visas/visa-information-resources/forms/ds-160-online-nonimmigrant-visa-application.html>
- [15] <https://travel.state.gov/content/travel/en/us-visas/study/student-visa.html>
- [16] <https://travel.state.gov/content/travel/en/us-visas/visa-information-resources/fees/fees-visa-services.html>
- [17] <http://travel.state.gov/content/visas/en/fees/reciprocity-by-country.html>
- [18] <http://travel.state.gov/content/visas/en/immigrate/immigrant-process/interview/prepare.html>
- [19] <https://admission.asu.edu/contact/faqs#international>

Coming to ASU

Congratulations on your admission to ASU. It is our pleasure to welcome you.

We are excited that you have chosen to pursue your degree at Arizona State University.

This is your guide you through the important steps you need to take to enroll for classes and prepare for the beginning of your academic year. Here you will find information about the visa application process, preparing for travel, arriving at ASU, registering for courses and much more.

Be sure to check [My ASU](#) [1] regularly and complete any pending items under your **Priority Tasks**. We wish you a successful academic year and look forward to seeing you in Arizona soon.

Before you leave for ASU

Step 01: Request your I-20 and apply for your visa

International students who wish to pursue their studies at ASU must obtain an F-1 or J-1 visa. To obtain a visa, students must first receive a SEVIS number and I-20 document from ASU. Learn more about the SEVIS and student visa steps.

Request your I-20 from ASU

- An I-20 is an important immigration document that F-1 students need in order to obtain their student visa and enter the U.S. ASU guides each student through the process of obtaining their I-20.
- Priority Tasks on [My ASU](#) [1] alerts students to the steps they need to take. The process of obtaining an I-20 can take some time, so it is important to begin gathering the necessary documents and uploading them to My ASU quickly after being admitted.

Learn more about requesting your I-20 [2]

Once you have received your SEVIS and I-20 from ASU, here are your basic next steps:

- Check your I-20 or DS-2019 for accuracy and sign it.
- Visit [fmjfee.com](#) [3] to submit Form I-901 and pay the SEVIS fee.
- Schedule an appointment with a local U.S. Consulate.
- Visit your local U.S. Consulate at the appointed time and pay the visa application fee (this is not the SEVIS fee).
- Visit this page to learn more information about [student visa](#) [4].

Student Visa Checklist

Submitting your visa application

In order to apply for an F-1 or J-1 student visa, you must complete Form DS-160. This form now requires applicants to provide information on all social media platforms they have used within the last five years. As such, you will be required to provide the following:

- Username, screen name, handle or other identifier for each social media platform you use or have used.
- Your current email address and phone number.
- Any email addresses and phone numbers you have used in the past five years.

Please note: You will not be required to provide your passwords for any of these accounts.

Before you begin the online visa application, please gather the above information and make sure your social media privacy settings are up to date.

Tips for a successful visa interview

1. The consular officer may ask questions regarding any public information that is available on your social media accounts. Please be prepared to answer their questions.
2. Be prepared to demonstrate ties to your home country. Ties to your home country are the things that connect you to your hometown, homeland or current place of residence (i.e., job, family, financial prospects that you own or will inherit, investments, etc).
3. Practice your English in advance, as the interview will be conducted in English.
4. Unless you are under 18 years old, do not bring parents or family members with you to your interview.
5. Prepare to articulate why the program you will study in the U.S. will help or relates to your professional goals in your home country.
6. Answer all questions concisely with the appropriate information.
7. Be ready to explain any documents that you submitted during your application process.
8. It is harder for students from certain countries to obtain visas, so expect potential challenges or delays in processing.
9. Your main purpose to come to the U.S. is to study. You must clearly articulate your plan to return home after you have finished your degree.

10. If you have dependents that will stay at home while you study in the U.S., be prepared to share how they will support themselves in your absence.
11. Remain positive. It can be a tricky and challenging process, but a positive attitude can go a long way.

Administrative processing

From the [U.S. Department of State](#) [5]: When administrative processing is required, the consular officer will inform the applicant at the end of the interview. The duration of the administrative processing will vary based on the individual circumstances of each case. At the conclusion of the administrative processing period, the consular officer might conclude that an applicant is now qualified for the visa for which they applied. The officer may also conclude that the applicant remains ineligible for a visa. Visa applicants are reminded to apply early for their visas, well in advance of the anticipated travel date.

From ASU's International Students and Scholars Center: If you are experiencing administrative processing delays longer than 30 days, please email issc@asu.edu [6].

Visa denials

Some students will be denied a visa if the consular officer determines they are ineligible. Many students with a denied F-1 or J-1 visa application are not able to prove sufficient ties to their home country under INA section 214(b).

If your visa was denied, we recommend submitting a new visa application once you have addressed the concerns of the Consular Officer.

If this will impact your ability to arrive on time to ASU to begin your studies, please email issc@asu.edu [6].

Step 02: Activate your ASU ID and email account

After you applied to ASU, you were issued an ASURITE UserID in an email. This ID gives you access to ASU's online student services through [My ASU](#) [1]. You must activate your ASURITE UserID online.

- While activating your [ASURITE UserID](#) [7] you can set up your ASU (@asu.edu) email account. This email is the official address to which the university sends email communications and is recorded in ASU's electronic directories.
- If you do not have an ASURITE UserID and activation code, call 480-965-2437. If you need help with the activation process, contact the University Technology Office Help Desk at 1-855-278-5080.
- [Review computer security guidelines](#) [8].

Step 03: Complete tasks in My ASU

Enrollment deposit (freshmen only)

Pay your enrollment deposit on [My ASU](#) [1] to confirm you will attend.

MMR immunization

You must submit your measles (rubeola), mumps and rubella immunization form before you can register for classes. Visit the [ASU Health Services website](#) [9] for more information. If you are under 18 years old, please plan to bring a [signed consent form](#) [10] for medical treatment with you to the U.S. Check [My ASU](#) [1] and click on the MMR Immunization hold for detailed instructions.

Math placement test (undergraduates only)

Take the [math placement test](#) [11] online. New students enrolling in a math class are required to take the math placement test unless they have transferred an equivalent course to ASU. Take the test as early as possible. Students who are required to take the test will see the item "Take Math Placement Test" under **Priority Tasks** in [My ASU](#) [1].

Complete pre-orientation on My ASU

All international students are encouraged to complete the digital orientation available on [My ASU](#) [1] prior to arrival to ASU.

Step 04: Transfer credit

If you are a transfer student bringing college credit with you, Admission Services initially awards transfer credit. However, your academic advisor in your major will determine how the credit applies to your degree. Call 480-965-2437 or email asuinternational@asu.edu [12] if you have any questions.

Step 05: Review housing and dining options

ASU offers [on-campus housing options](#) [13] at all campus locations. As a student living on campus, you will have convenient access to the opportunities, resources and programs offered at ASU, both academic and professional. To apply to live on campus, please visit [My ASU](#) [1] to choose your housing preferences. If you intend to live elsewhere, please notify the university by choosing that option on your **Priority Tasks** in My ASU. If you are a transfer or graduate student not planning to live on campus and need assistance with your housing transition, please contact [Off Campus Housing](#) [14].

ASU offers several meal plan options for students living on and off campus. [Review meal plan options](#) [15] and visit housing.asu.edu [13] for information on housing and dining options.

Step 06: Schedule academic advising appointment and register for classes

Register for classes by going to the Academic Support Team box in [My ASU](#) [1] and clicking on **Academic Advising** to schedule an advising appointment.

All freshman students are required to [pay the enrollment deposit](#) [16] prior to registering for courses. [Learn more](#) [16]

Transfer students in Ira A. Fulton Schools of Engineering and W. P. Carey School of Business will receive additional information by email from their college about the next steps to take to receive advising and register for classes.

If you are a graduate student, you will need to contact your academic department about steps to take to select and register for courses. You can view your academic unit contact information in the My Programs and Degree Progress box in [My ASU](#) [1]. Note that you may have holds on your enrollment that you need to complete before you can register for classes.

- **Fall admits:** Class registration typically becomes available mid-spring.
- **Spring admits:** Class registration typically becomes available mid-October. Take some time now to review and complete any outstanding holds you may have under Priority Tasks in My ASU so you can be ready for registration.

[Class registration](#) [1]

Step 07: Learn about tuition and fees

Tuition charges will be billed to your student account and may be viewed online through [My ASU](#) [1]. By registering for classes you agree to pay all applicable tuition and registration fees. If you decide not to attend, you must completely withdraw from all classes before the semester begins.

If tuition is not paid by the applicable due date, you will automatically be enrolled in the tuition installment plan and charged a nonrefundable enrollment fee. Visit the [Tuition and Billing website](#) [17] for more information.

You can access online billing through [My ASU](#) [1]. Click on **My Finances**, then **Make a Payment**. Students are responsible for reviewing their ASU email account for notification of billing statements and reviewing their student account on [My ASU](#) [1] for current information. Billing statements are not mailed to your home.

Step 08: Make travel arrangements

Aug. 20, 2020 is the first day of fall semester classes. It is also the last day you can arrive and conduct your SEVIS check-in. You are expected to arrive in the U.S. for [International Student Orientation](#) [18]. You may not enter the U.S. more than 30 days before the start date listed on your SEVIS I-20 Form or DS-2019. If you are not able to arrive by the first day of classes due to visa delays, you must contact International Admission Services at ASUinternational@asu.edu [19]. Admission Services will provide you with further instructions. Do not attempt to enter the U.S. after the school start date indicated on your I-20 or DS-2019, as you will be denied entry. See the [academic calendar](#) [20] for important dates for the upcoming semester.

[Learn more about orientation](#) [21]

Traveling to ASU: items to place in your carry-on luggage

Passport, visa, and signed I-20

U.S. currency

You will need access to finances to cover the expenses of your first few weeks. The recommended payment methods in the U.S. are debit and credit cards.

Medical information

Bring a copy of your health and immunization records and any medical prescriptions you need.

Valuables

Put valuables such as currency, jewelry, laptop, etc. in your carry-on luggage.

Local U.S. address

Make sure to have with you the address where you will live.

Contact information

Bring a list of the names, addresses, phone numbers and email addresses of key contacts in the U.S. and at home.

Entering the U.S. and arriving in Phoenix

Most students will arrive in the U.S. at an airport other than Phoenix Sky Harbor (PHX). If you will arrive at PHX on an international flight, please see the international information on the [Sky Harbor website](#) [22].

Regardless of your Port of Entry (POE), at the first entry point into the U.S. as a legal nonimmigrant, you will be required to complete the items below. For more explanation of what to expect at a POE, visit the [U.S. Immigration and Customs website](#) [23].

Visa/I-20 checkpoint

At your point of entry, U.S. Customs and Border Protection will check your documents. This is where you will need to present your passport, visa and I-20 to the Customs and Border Protection officer.

The passport must be stamped by the port of entry official notating F-1 D/S or J-1 D/S (Duration of Status), date, and location of arrival in the U.S. If this is incomplete or the stamped date or visa classification is incorrect, please bring it to the attention of the port of entry official so they can make the correct annotation. Errors noticed after you leave the airport should be brought to the attention of the International Students and Scholars Center.

While a CBP officer inspects your immigration documents, you may be asked some general questions. Don't get agitated or nervous; it's just a routine procedure. Always answer clearly, honestly and politely. If there is a problem, suggest that

they contact the International Students and Scholars Center at 480-727-4776. We are open during office hours, Monday through Friday, from 8 a.m. to 5 p.m.

There is no cause for alarm if you are asked to step into a side room. They may need to ask you some questions or verify some information. You are allowed to ask the officer what the issue is — just do so respectfully.

Customs checkpoint

After checking your documents and clearing you to enter the U.S., you will proceed to the baggage claim area to collect your luggage. You will then need to enter a line with U.S. Customs (or Agricultural Dept.) officials where they may ask about the contents of your bags or ask to open them. Students should follow their instructions and answer their questions honestly and politely. Please bear in mind that the penalty for carrying contraband is very high and may result in deportation.

After you collect your luggage, you will go through the customs checkpoint. This is where you turn in the form you were given on the airplane. On this form, you must declare if you have funds exceeding \$10,000 (in any currency) and any items that need to be declared. Please visit [cbp.gov](https://www.cbp.gov) [24] for detailed information on what you are allowed to bring and what items you need to declare.

Airport transportation and connecting flights

Once you have cleared the customs checkpoint, you will exit into the international arrivals area of the airport. If you need to catch a connecting flight (to get to PHX), you will need to take your bags with you to the proper terminal or check-in counter for your domestic flight. At many airports, you will need to take a free inter-terminal shuttle to get to the proper location. We highly recommend visiting the website of your international destination airport to become familiar with what you will need to do.

Additionally, each U.S. airline has separate policies regarding charges for checked luggage and weight requirements. We strongly recommend researching your airline's domestic flight baggage policies so that you know if you will incur charges at check-in for your domestic flight. Finally, the U.S. Transportation Security Administration (TSA) has detailed information about what you can carry on and things to consider when traveling within the U.S.

Post-arrival checklist

Step 01: Obtain I-94 form

An I-94 is a form denoting the arrival or departure record of particular foreigners (including students on an F-1 or J-1 visa) used by U.S. Customs and Border Protection.

All arrival and departure information will be gathered electronically at a [customizable website](#) [25], where visitors can print a paper copy of their I-94 record or verify immigration status or employment authorization, as well as record number and admission information.

Prior to completing your SEVIS check-in, you will need to [obtain a copy of your I-94](#) [26].

Step 02: Complete your online SEVIS check-in

SEVIS check-in is a mandatory process per U.S. immigration policies. In order to stay in compliance, all international students are required to report to the International Students and Scholars Center, including:

- students who are entering the U.S. for the first time on an ASU I-20 or DS-2019
- students who have been in the U.S. on an I-20 or DS-2019 from another school and are transferring to ASU
- students who have attended ASU's Intensive English Program through the Global Launch English Program

After you arrive in the U.S., you can use your smartphone or computer to complete the SEVIS check-in by following these three simple steps to report your arrival before the start date listed on your I-20 or DS-2019:

1. Upload copies of your immigration documents by logging in to My ASU and clicking on **Complete New Student Check-in** under your **Priority Tasks**.
2. Update your local address and SEVIS address in [My ASU](#) [1].
 - o Local address must be a residential address in the U.S. and must contain street number, street name, city, state and postal code.
 - o SEVIS address must be a residential address in your home country.
 - o PO boxes, company addresses or school addresses are **not** valid addresses.
3. [Learn how to maintain your visa status](#) [27].

During [International Student Orientation](#) [21], you will be guided through the process of SEVIS registration and receive important information about F-1/J-1 immigration compliance, enrollment and other essential matters to facilitate a smooth transition to the university and to successfully begin your ASU experience.

Please email issc@asu.edu [6] if you have any questions.

Step 03: Get your ASU ID card

You have the option to obtain the [Sun Card](#) [28] or the [Pitchfork Card](#) [29] when you arrive at ASU. The Sun Card is the official ASU student photo ID that allows you to complete in-person transactions and gain access to ASU Libraries and other services. The Pitchfork Card is two cards in one — an ASU student ID card and a MasterCard® check card.

[Learn more about the main differences between the Sun Card and the Pitchfork Card](#) [30].

Get your [Sun Card](#) [28] or the [Pitchfork Card](#) [29] as soon as you arrive at ASU. It is also highly recommended that you obtain an Arizona state ID card. If you want to drive in the U.S., you need to get an [Arizona driver license](#) [31] (instead of an Arizona state ID card).

Step 04: Get a cell phone and set up a bank account

Review the [International Student Guide](#) [32] for advice on getting a cell phone, setting up a bank account and other items to support your transition to the U.S. and ASU.

Step 05: Attend International Student Orientation

Incoming international students are required to attend orientation. You will learn important information about the university and how to prepare for a successful academic year. For specific information and to register, go to [the orientation website](#) [21].

Step 06: Get involved at ASU

Explore ASU's [international student organizations](#) [33], and meet other ASU international students when you arrive. ASU has more than 1,000 student clubs and organizations, giving you many opportunities to make connections and pursue activities that you are passionate about.

Useful resources for international students

On-campus housing [13]

Off-campus housing [14]

International Students and Scholars Center [34]

International Student Engagement [35]

Clubs and organizations [33]

Academic support [36]

ASU Health Services [37]

Frequently asked questions about international admission

When do I apply for a visa?

You should apply for a visa after you receive your I-20 and SEVIS number from ASU. Because the entire process of obtaining your visa can take several months, you should start the visa process, which includes applying for your I-20 and your interview with an immigration officer, the semester before you plan to arrive at ASU.

How do I get an I-20?

To receive your I-20, you must submit various documents to ASU once you are admitted. These documents include the Financial Guarantee form, the Transfer SEVIS form (if applicable), financial support documentation and a copy of your passport. Upon receipt, ASU will issue you a SEVIS number so you can begin the visa process.

Can international students live off campus?

Yes, international students may live off campus, though living on campus is highly recommended for all students. You can find helpful [off-campus housing resources](#) [14] through ASU. If you plan to live off campus, you should notify ASU by choosing that option in your Priority Tasks on My ASU.

View more FAQs [39]

Source URL: <https://admission.asu.edu/international/admitted#tabs-section-iii>

Links:

- [1] <https://my.asu.edu/>
- [2] <https://admission.asu.edu/international/student-visa>
- [3] <https://fmjfee.com/>
- [4] <https://admission.asu.edu/international/student-visa>
- [5] <https://travel.state.gov/content/travel/en/us-visas/visa-information-resources/administrative-processing-information.html>
- [6] <mailto:issc@asu.edu>
- [7] <https://weblogin.asu.edu/password/activation>
- [8] <https://getprotected.asu.edu/>
- [9] <https://eoss.asu.edu/health/services/immunization>
- [10] https://admission.asu.edu/sites/default/files/consent_to_medical_treatment_underage.pdf
- [11] <https://students.asu.edu/math>
- [12] <mailto:asuinternational@asu.edu>
- [13] <https://housing.asu.edu/>
- [14] <https://eoss.asu.edu/offcampushousing>
- [15] <https://sundevildining.asu.edu/meal-plans>
- [16] <https://admission.asu.edu/freshman/deposit>
- [17] <https://students.asu.edu/tuitionandbilling>
- [18] <https://admission.asu.edu/international/orientation>
- [19] <mailto:ASUinternational@asu.edu>
- [20] <https://students.asu.edu/academic-calendar>
- [21] <https://admission.asu.edu/international/orientation>
- [22] <https://www.skyharbor.com/BeforeTraveling/InternationalTravel>
- [23] <https://www.ice.gov/>
- [24] <https://www.cbp.gov/>
- [25] <https://www.cbp.gov/travel/international-visitors/i-94>
- [26] <https://i94.cbp.dhs.gov/>
- [27] <https://issc.asu.edu/status/students/guidelines>
- [28] <https://cfo.asu.edu/suncard-get>
- [29] <https://cfo.asu.edu/cardservices-pitchfork>

[30] <https://cfo.asu.edu/cardservices>

[31] <https://azdot.gov/motor-vehicles/driver-services/driver-license-information>

[32] <https://eoss.asu.edu/student-engagement/international/student-guide>

[33] <https://issc.asu.edu/support-services/students-f-j/student-organizations>

[34] <https://issc.asu.edu/>

[35] <https://eoss.asu.edu/student-engagement/international>

[36] <https://issc.asu.edu/let-chat-series>

[37] <https://eoss.asu.edu/health>

[38] <https://cfo.asu.edu/transportation>

[39] <https://admission.asu.edu/contact/faqs#international>

Military and veterans at ASU

Benefits

Are you ready to enroll for your education benefits? Are you looking for the right forms to fill out? Are you a dependent and not sure what to do next?

[Check out these steps](#) [1] for getting your benefits started.

For additional assistance, contact ASU's veteran and military admissions specialist.

Contact us [2]

Pat Tillman Veterans Center

ASU's Pat Tillman Veterans Center is one of the reasons ASU is a top university for veteran, military and dependent students. The center's mission is to empower and engage our ASU military and veteran community with their academic and personal success here at ASU and beyond.

[Pat Tillman Veterans Center](#) [3]

Campuses and ASU Online

ASU options let you choose the best learning environment for you, from a location known for outdoor adventures and one-on-one attention (ASU@Lake Havasu) to highly ranked ASU Online with the same degrees and professors as our on-campus programs to a large traditional campus (Tempe campus) — and everything in between (Downtown Phoenix, Polytechnic and West campuses).

[Find your campus fit](#) [4].

Are you looking for a veteran application to ASU?

We make it easy — there's no separate application for veteran and military applicants. Just submit the application for your student level.

[Undergraduate freshman](#) [5] [Transfer](#) [6] [Graduate](#) [7]

Connect with a [veteran and military admissions specialist](#) [8] in the Pat Tillman Veterans Center if you have any questions about applying to ASU.

Why so many veteran and military students choose ASU

ASU and the [Pat Tillman Veterans Center](#) [3] welcome you to your next adventure — accomplishing your education and career goals. Student veterans and active duty service members are a valuable part of the ASU community and our academic environment. Whether you're planning to earn your degree online or on campus, you can:

- continue serving as a leader by getting involved
- take advantage of job and career opportunities
- attend virtual or in-person career fairs
- earn your service honor stole to wear at graduation

You've already proven you can succeed in one world-class organization. We believe in you and know you can succeed here as well. ASU's Pat Tillman Veterans Center team is here to help you every step of the way. It's why ASU is consistently included among the best schools for veterans and military students.

LIA 294: Student Success for Veterans

Have you registered for ASU's veteran-specific introductory course? Designed for the student veteran, LIA 294: Student Success for Veterans provides you with support systems, academic resources and transitional aid. Meet other student veterans and learn about how ASU, the state of Arizona, and the VA can assist you throughout your college experience. There are only 19 seats per class on each campus, so secure your spot today.

[Read more](#) [9]

At ASU, you'll join

7,180

ASU military and veteran students

5,970

in bachelor's degree programs

1,065

in master's degree programs

145

in doctoral programs

1,233

spouses and dependents

Transcripts

Undergraduate applicants:

Admission Services

Arizona State University

PO Box 871004

Tempe, AZ 85287-1004

Graduate applicants:

Graduate Admission Services

Arizona State University

PO Box 871004

Tempe, AZ 85287-1004

Military transcripts

ASU accepts the following military transcripts:

- [CCAF Transcript](#) [10] (Community College of the Air Force Transcript)
- [JST](#) [11] (Joint Services Transcript)

The CCAF is a regionally accredited community college. If you received credit for courses taken through the CCAF while serving in the Air Force, submit this transcript as part of your undergraduate application. The JST will be reviewed for possible transfer credit but is not evaluated for admission. Submit your JST as early as possible for timely evaluation, but it will not delay your admission decision.

[More about transferring military credits](#) [12]

Air University's Associate to Baccalaureate Cooperative

Arizona State University is working in collaboration with Air University to recognize the military education of incoming Air Force personnel. Learn more about this exclusive partnership.

[Air University](#) [13]

Pat Tillman's life and legacy live on at ASU

Pat Tillman was an ASU student scholar and star football player who graduated in 3½ years and went on to play professionally with the Arizona Cardinals. In 2002, Pat walked away from a \$3.6 million contract with the Cardinals to enlist in the U.S. Army. He died while serving in Afghanistan in 2004.

As a scholar, athlete and soldier, Pat Tillman performed at his best. ASU continues to honor Pat with the annual Pat's Run, the Pat Tillman Veterans Center, Tillman Tunnel and in countless other ways. His passion for life and expectations of excellence reverberate through everything we do.

[Watch the video](#) [14]

Frequently asked questions about being a veteran at ASU

What's it like to be a veteran or military student at ASU?

There are more than 7,200 veterans and military students on campus and online. You'll receive support from the Pat Tillman Veterans Center, the VA VetSuccess on Campus counselor, and ASU's faculty and staff to succeed in your goals — from applying to ASU, getting your benefits set up, making sure you are using your benefits to your best advantage, and getting connected to events and opportunities for veterans and military students.

Is ASU a military friendly school?

ASU is consistently recognized as one of the best schools in the country, both on campus and online, for veterans and the military community. We want veteran and military students and their families to succeed, achieve their goals and move on to the next chapter in their lives, and we're here to help you get there. [Learn more](#) [15].

What are the steps to getting admitted as a student veteran?

We understand the admission process can be complicated, so we've created a checklist to help guide you through it. Start your [application](#) [16] and refer to this [checklist](#) [17] throughout the admission process for helpful tips about applying and succeeding as an active veteran or military student at ASU.

Are there any degree programs just for veterans or military students?

ASU does not yet offer exclusive degree programs for veteran or military students. However, we encourage you to take advantage of two courses specifically designed to connect you with other veteran and military students on campus and online, and introduce you to various resources available through the university, the state of Arizona and the Department of Veteran Affairs. [Learn more](#) [18] about these programs.

View more FAQs [19]

Source URL: <https://admission.asu.edu/veterans>

Links:

- [1] <https://veterans.asu.edu/benefits/start>
- [2] <https://admission.asu.edu/contact/veterans>
- [3] <https://veterans.asu.edu/>
- [4] <https://yourfuture.asu.edu/content/find-asu-fits-you>
- [5] <https://admission.asu.edu/apply>
- [6] <https://admission.asu.edu/apply>
- [7] <https://webapp4.asu.edu/dgsadmissions/>
- [8] <https://veterans.asu.edu/student-services/military-advocate#advocate>
- [9] <https://veterans.asu.edu/student-services/veteran-student-success-class>
- [10] <http://www.airuniversity.af.mil/Barnes/CCAF/>
- [11] <https://jst.doded.mil/smart/signIn.do>
- [12] <https://admission.asu.edu/transfer/transferring-credits>
- [13] <https://admission.asu.edu/transfer/air-university>
- [14] <https://www.youtube.com/watch?v=dJ61pzXLQ0s>
- [15] <https://asunow.asu.edu/20180411-asu-news-military-friendly-school-ranking-victory-media>
- [16] <https://admission.asu.edu/apply>
- [17] <https://veterans.asu.edu/veteran-checklist>
- [18] <https://veterans.asu.edu/student-services/veteran-student-success-class>
- [19] <https://admission.asu.edu/contact/faqs#veterans>

Veteran benefits

Getting benefits started

If you are active military, a veteran or a dependent and have not used VA education benefits before at any institution of higher education, this is where you start. The Pat Tillman Veterans Center wants to help you in any way you may need. Check out our new guides to applying for GI Bill education benefits: videos made specially for [veteran](#) [1], [spouse and dependent](#) [2], and [active duty](#) [3] students. Each of them walk you through the process of getting your education funded.

If you're not sure which benefit you're eligible for or have any other questions about VA benefits, eligibility or processing timelines, feel free to contact Troy Rundle, ASU's VA VetSuccess on Campus counselor, at troy.rundle@asu.edu [4] or 480-727-5627 (office) or 602-318-0406 (cell).

First, apply for benefits in three easy steps

1. Complete a VA application.

| VA benefit type | Use this VA application |
|-------------------------------|----------------------------------|
| Chapter 30, 33, 1606 and 1607 | Form 22-1990 [5] |
| Chapter 35 | Form 22-5490 [6] |

2. Locate your additional supporting document.

| VA benefit type | Include this supporting document |
|--------------------------------|--|
| All types, except Chapter 1606 | DD-214 Military Discharge Document — Copy Member 4 |
| Chapter 1606 | DD-2384 NOBE — Notice of Basic Eligibility |

3. Submit your application and document directly to the VA using one of these methods.

- online at <https://www.va.gov/education/how-to-apply/> [7] (easy to do and fastest processing)
- mail to Department of Veterans Affairs, PO Box 8888, Muskogee, OK 74402-8888
- Troy Rundle, your direct link to the VA from ASU, can submit your application for you. Contact Troy at troy.rundle@asu.edu [4] or 480-727-5627 (office) or 602-318-0406 (cell) for assistance.

If you apply online, you will receive your Certificate of Eligibility from the VA in four to eight weeks.

Next, apply to ASU

You can apply to ASU as a [first-year](#) [8], [transfer](#) [9] or [graduate](#) [10] student **before** receiving your Certificate of Eligibility from or submitting your 1905 form to the VA.

[Search undergraduate degrees](#) [11] [Search graduate degrees](#) [12]

If you have questions about applying to ASU or how ASU resources and the Pat Tillman Veterans Center staff can help you succeed, contact us at ASUVeterans@asu.edu [13] or 480-965-7723.

Once you've been admitted to ASU, go to steps for [newly admitted students](#) [14] to start your benefits file with the Pat Tillman Veterans Center.

Pat Tillman Veterans Centers

Downtown Phoenix campus

University Center Building, Room 130
602-496-0152
480-522-3058 Fax
Hours of operation
Mon.–Fri.: 8 a.m.–5 p.m.

Polytechnic campus

Administration Building, Suite 110
480-727-2773
480-522-3058 Fax
Hours of operation
Mon.–Fri.: 8 a.m.–5 p.m.

Tempe campus

Memorial Union, Lower Level, Room 75

480-965-7723
480-522-3058 Fax
Hours of operation
Mon.–Fri.: 8 a.m.–5 p.m.

West campus

University Center Building, Room 101
602-543-8220
480-522-3058 Fax
Hours of operation
Mon.–Fri.: 8 a.m.–5 p.m.

ASU@Lake Havasu City

Military Student Support
480-965-7723
480-522-3058 Fax

ASU Online

Military Student Support
militaryonline@asu.edu [16]
480-884-1537
480-522-3058 Fax

Senior military advocate [17] Assistant military advocate [18] VetSuccess on Campus [19]

Source URL: <https://veterans.asu.edu/benefits/start>

Links:

- [1] <https://www.youtube.com/watch?v=b4pNYHE5e34>
- [2] https://www.youtube.com/watch?v=A_DyLKfjJJo
- [3] <https://www.youtube.com/watch?v=47pZBbyeJpg>
- [4] <mailto:troy.rundle@asu.edu>
- [5] <https://veterans.asu.edu/22-1990>
- [6] <https://veterans.asu.edu/22-5490>
- [7] https://urldefense.proofpoint.com/v2/url?u=https-3A__www.va.gov_education_how-2Dto-2Dapply_&d=DwMFAg&c=l45AxH-kUV29SRQusp9vYR0n1GycN4_2jInuKy6z bqQ&r=wubil1U_njXq1YI5Ocj2H5Yy2cpQapZ5PgA6sK2M_6s&m=nXEndnZXxf_cQqO1aJWISFSrcMTT78K9Yz7yOZvJOel&s=_3MgPo48rgEoGWEuNt2Q7bVO1ATZQqfnlwAO3ZG6gQg&e=
- [8] <https://students.asu.edu/admission/steps>
- [9] <http://transfer.asu.edu/steps>
- [10] <https://students.asu.edu/graduate/enrollment>
- [11] <https://webapp4.asu.edu/programs/t5/?init=false&nopassive=true>
- [12] <https://webapp4.asu.edu/programs/t5/graduate/false>
- [13] <mailto:ASUVeterans@asu.edu>
- [14] <https://veterans.asu.edu/benefits/admitted>
- [15] <https://vimeo.com/137868128>
- [16] <mailto:militaryonline@asu.edu>
- [17] <https://veterans.asu.edu/student-services/military-advocate#recruitmentsp>
- [18] <https://veterans.asu.edu/student-services/military-advocate#advocate>
- [19] <https://veterans.asu.edu/student-services/military-advocate#vetsuccess>

Next steps for newly admitted students

If you are: active military, a veteran, a spouse or dependent and a newly admitted freshman, transfer or graduate student at ASU, read on.

Welcome to Arizona State University!

ASU appreciates the service of our military veterans and their dependents, and we want you to know you've made a great decision to join more than 3,000 other active military, veteran and dependent students furthering their education and future careers in our top-ranked programs.

Follow these next steps toward using your benefits at ASU, which are in addition to your next steps for enrollment as an [freshman](#) [1], [transfer](#) [2] or [graduate](#) [3] student.

TO GET YOUR BENEFITS FILE STARTED AT ASU, YOU NEED TO SUBMIT A FEW FORMS.

You must first meet with your academic advisor and completely enroll in your courses to submit these three forms:

[VA Benefits Responsibility Form](#) [4]

You'll fill this form out only once while at ASU. It notifies the Pat Tillman Veterans Center of your intent to use VA educational benefits, such as the GI-Bill®, while at ASU. Please note that it contains important information regarding the use of VA benefits throughout your school enrollment. Fill out the form online and submit it directly to the Pat Tillman Veterans Center. You will receive a confirmation email indicating you have completed the form.

[VA Enrollment Activity Form](#) [5]

Let the Pat Tillman Veterans Center know if you do or do not want to use VA educational benefits for the upcoming semester. Complete this online form before each semester at ASU and submit it directly to the Pat Tillman Veterans Center. You will receive an email confirming you have submitted the form.

Please make every effort to firm your schedule before submitting the form. To notify us of changes you made to your enrollment after submitting the form for any given semester, submit the form again as a **revised** Enrollment Activity Form by following the choices within the form.

[Prior Credit Evaluation](#) [6] (PDF)

Submit this form during the ASU application process if you are transferring courses, credits and/or previous experience. You must also submit this form if you change your major so the courses you've taken are evaluated for application to your new major. Print the form, fill out the top portion, initial the middle section, sign and date at the bottom. You email the scanned form to your academic advisor for completion. Your advisor will submit it to the Pat Tillman Veterans Center.

Plus, one extra form for students who have used VA benefits at another school:

If you have been using VA benefits at another school, fill out the appropriate VA Request for Change or Program or Place of Training form. Submit this form to the VA as indicated in the form directions.

Chapter 30, 33, 1606 & 1607 [Form 22-1995](#) [7]

Chapter 35 [Form 22-5495](#) [8]

Additionally, veterans and dependents using the Post-9/11 GI Bill®:

Submit to the Pat Tillman Veterans Center your VA Certificate of Eligibility or most recent letter from the VA that details your benefits remaining. Whenever you receive an updated COE or letter from the VA detailing your benefits, please submit a copy to the Pat Tillman Veterans Center. You may use one of these methods to submit the form:

1. Scan and email the form to PTVCforms@asu.edu [9].
2. Fax the form to the Pat Tillman Veterans Center at 480-522-3058.
3. Take the form to the Pat Tillman Veterans Center on your campus.

LEARN ABOUT ELIGIBILITY FOR ARIZONA RESIDENCY AND IN-STATE TUITION.

If you currently are not an Arizona resident, there are three ways to receive in-state tuition.

1. HB 2410 is an Arizona law that allows honorably discharged veterans of any branch of the U.S. Armed Forces, including National Guard and Reserves, to receive in-state student status for tuition purposes. [Read more](#) [10] for requirements and filing instructions.
2. Choice Act, Section 702 grants eligible individuals immediate residency and in-state tuition rates. You are eligible if you are a veteran, or a spouse or dependent of a veteran who has been discharged within the 36 months prior to the start of your first semester from a period of active duty that was 90 days or longer AND is using either VA Chapter 30 or Chapter 33 benefits. [Read more](#) [10] for Choice Act requirements and directions for how to file.
3. The Yellow Ribbon Program will help cover the difference between resident and nonresident tuition for those who are not eligible for HB 2410 or the Choice Act, Section 702. Undergraduate and graduate students must be 100 percent eligible for the Post-9/11 GI Bill®. [Read more](#) [10] to find out how to apply.

CONNECT WITH YOUR ASU MILITARY ADVOCATE.

On-campus veterans, spouses and dependents: New students should contact ASU's military advocate, Shawn Banzhaf, at militaryadvocate@asu.edu [11] or 480-727-5626.

ASU Online student veterans: ASU Online veteran students who need assistance with online registration or advising issues resolved, please contact Mario Matus at 480-884-1906 or at militaryonline@asu.edu [11].

On-campus and ASU Online dependent and spouse students: New students should contact the ASU advocate dedicated to spouses and dependents, Michelle Loposky, at militarydependents@asu.edu [11] or 480-727-5626.

FRESHMEN AND TRANSFER STUDENTS, CONSIDER TAKING ASU'S SUCCESS COURSE FOR VETERANS.

ASU offers a veteran specific introductory course — LIA 294 Student Success for Veterans — to support veterans' transition to the academic life. Both freshman and new transfer veteran students from any major are welcome to register. [For more information](#) [12]

GRADUATE STUDENTS: SUBMIT YOUR GRADUATE PROGRAM OF STUDY.

As soon as you are admitted, submit a Graduate Program of Study with your advisor's assistance to ensure that the graduate courses you are taking will be covered by the VA.

ATTEND THE VETERANS WELCOME EVENT BEFORE CLASSES BEGIN.

The Veterans Welcome event is a seminar-style orientation required of incoming graduate and undergraduate veteran students prior to their first semester at ASU. Hosted by ASU and the Pat Tillman Veterans Center, the Veterans Welcome event introduces valuable benefit information and procedures that will apply each semester student veterans use benefits. Spouse and dependent students do not need to attend this event.

New students will receive notifications by mail and email prior to the event so they can plan to attend and RSVP. Events are scheduled before both fall and spring semesters. Refreshments are provided. Space is limited so we request that students attend alone.

GET INVOLVED AT ASU

Meet your fellow veterans at the Pat Tillman Veterans Center location on your campus. Check out our [campus locations](#) [10].

[Pat Tillman Veterans Center Facebook page](#) [13]. This page will connect you to academic, employment and social opportunities for success!

Join the Student Veterans Club associated with your campus for social events and camaraderie. Get connected on Facebook:

Downtown Phoenix Student Veterans Club Chapter [14]

Polytechnic Student Veterans Club Chapter [15]

Tempe Student Veterans Club Chapter [16]

West Student Veterans Club Chapter [17]

ASU Alumni - Veterans Chapter members mentor veteran students and help with veteran related events. alumni.asu.edu/chapters/veterans [18]

Want to stay active? Join an [intramural team](#) [19] (both competitive and recreational teams are available) or [sport club](#) [20], work out at the [fitness center on your campus](#) [21], go on an adventure and participate in the annual [Pat's Run](#) [22].

"GI Bill®" is a registered trademark of the U.S. Department of Veteran Affairs (VA). More information about education benefits offered by VA is available at the official U.S. government website at www.benefits.va.gov/gibill [23].

Source URL: <https://veterans.asu.edu/benefits/admitted>

Links:

[1] <https://students.asu.edu/admission/steps>

[2] <https://transfer.asu.edu/steps>

[3] <https://students.asu.edu/graduate/enrollment>

[4] <https://veterans.asu.edu/va-benefits-responsibility-form>

[5] <https://veterans.asu.edu/va-enrollment-activity-form-page>

[6] https://students.asu.edu/files/PriorCreditEval12-03-12_0.pdf

[7] <https://veterans.asu.edu/22-1995>

[8] <https://veterans.asu.edu/22-5495>

[9] <mailto:PTVCforms@asu.edu>

[10] <https://veterans.asu.edu/node/1329>

[11] <mailto:militaryadvocate@asu.edu>

[12] <https://veterans.asu.edu/student-info/veteran-student-success-class>

[13] https://www.facebook.com/?ref=tn_tnmn#%21/PatTillmanVeteransCenter

[14] <https://www.facebook.com/#%21/ASUDowntownVeterans>

[15] <https://www.facebook.com/PolytechnicVeteransClub>

[16] <https://facebook.com/groups/asuveteransclub>

[17] https://www.facebook.com/?ref=tn_tnmn#%21/AsuWestVets

[18] <https://alumni.asu.edu/chapters/veterans>

[19] <https://fitness.asu.edu/programs/intramurals>

[20] <https://fitness.asu.edu/programs/sportclubs>

[21] <https://fitness.asu.edu/facilities>

[22] <https://veterans.asu.edu/pats-run>

[23] <https://www.benefits.va.gov/gibill/>

FAQs

You've got questions, and we've got answers. If your question isn't included below, please let us know. Connect with your advocate using the buttons below or email us at PTVC@asu.edu [1].

I MAY BE ELIGIBLE TO ATTEND ASU USING VA BENEFITS. WHO DO I CONTACT FOR THIS INFORMATION?

The Pat Tillman Veterans Center locations on all four campuses has been tasked by ASU to serve veterans who are using Veterans Administration (VA) educational benefits to pursue college degrees.

WHAT DO I NEED TO DO TO GET MY EDUCATIONAL BENEFITS STARTED AT ASU?

The first step would be to apply for admission to the university. Once you are accepted, contact the appropriate ASU program advisor (check [My ASU](#) [2] for your advisor information). After you have enrolled in your courses, see Next steps for newly admitted students.

HOW DO I START A FILE FOR VETERAN BENEFITS?

To start a file and initiate benefits for the term, sign a VA Benefits Responsibility Form, complete a Prior Credit Evaluation with your academic advisor, and fill out a VA Enrollment Activity Form. These forms are submitted directly to the Pat Tillman Veterans Center. For the Post-9/11 GI Bill®, please include your latest letter from the VA that details your benefit level and months/days of benefits remaining (Certificate of Eligibility). See Next steps for newly admitted students.

DO I NEED TO BRING ANY PAPERWORK WITH ME TO THE OFFICE?

If you are a veteran and eligible for Ch. 30, Montgomery G.I. Bill, bring your member 4 copy of the DD-214.

If you are eligible for Ch. 33, Post-9/11 GI Bill® benefits, provide a copy of your Certificate of Eligibility to a Pat Tillman Veterans Center.

If you are eligible for Ch. 1606, Montgomery G. I. Bill - Reservists/National Guardsmen, provide a Notice of Basic Eligibility (NOBE), DD-2384 form, which is available from your unit's Educational Officer.

If you are eligible for 1607: Reserve Educational Assistance Program, provide your orders calling your to active duty and your DD214 (member 4 copy) when released from active duty.

HOW DO I FIND OUT IF I HAVE ANY BENEFITS LEFT?

Contact the Department of Veterans Affairs at 1-800-827-1000.

CAN I APPLY FOR FINANCIAL AID IN ADDITION TO USING MY VA BENEFITS?

Yes. According to legislation passed in June 2009, effective July 2009, VA benefits are no longer considered when determining financial aid eligibility.

WHAT EXTRA BENEFITS DO I GET FOR APPLYING AS A VETERAN?

We very much want all veterans to self-identify when applying to ASU, whether using benefits or not. By identifying as a veteran, you will receive veteran specific communications and content during the period from application through enrollment. Then, while completing your degree program at ASU, we will help make sure you are connected with other veteran and military student career, networking, professional development and social opportunities.

Stay Connected!

WHAT FEES ARE COVERED UNDER MY GI BILL?

Any fee that is universally charged by the university is covered by the GI bill. If the fee is one that is optional your benefit will not cover it. To verify if the fee is covered, please email ptvc@asu.edu [1].

"GI Bill®" is a registered trademark of the U.S. Department of Veteran Affairs (VA). More information about education benefits offered by VA is available at the official U.S. government website at www.benefits.va.gov/gibill [3]

DOES MY GI BILL COVER THE \$300 ENROLLMENT FEE?

No, since the enrollment fees are not attached to a course of study these fees cannot be covered under your benefits.

IS THERE A WAIVER OR REDUCTION IN THE APPLICATION FEE FOR VETERANS?

The application fee applies to all students and there is not a veteran exception.

WHERE SHOULD I SEND MY TRANSCRIPTS?

Official transcripts should be sent to Admission Services from the issuing institution to the address below.

Admission Services
Arizona State University
PO Box 870112
Tempe, AZ 85287-0112

HOW DOES THE JOINT SERVICE TRANSCRIPT (JST) WORK AT ASU?

ASU awards credit at the undergraduate level in accordance with the American Council on Education recommendations. JST credit cannot be used for completion of General Studies requirements.

JSTs received at ASU will be automatically reviewed for all transferable credit. These credits will be reflected on each student's degree audit report. Academic advisors will evaluate transferable credit for applicability to each student's program of study.

Because of the sequence involved in this process, typically a student must be admitted to a program of study in order to determine how their JST will affect degree completion.

Your JST is available at: <https://jst.doded.mil/smart/dodMandatoryBannerForm/submit.do> [4]

WHAT DO I DO WITH MY CCAF (COMMUNITY COLLEGE OF THE AIR FORCE) TRANSCRIPT?

Go to <http://www.airuniversity.af.mil/Barnes/CCAF/Display/Article/803247/> [5] and have it sent to ASU like a traditional transcript.

CAN I START CLASSES ONLINE AND SWITCH TO RESIDENT COURSES AFTER I MOVE THERE?

You can start at ASU Online but will have to change majors if you want to take resident courses after relocating.

I HEARD THAT VETERAN AND MILITARY STUDENTS RECEIVE AN HONOR STOLE WHEN THEY'RE READY TO GRADUATE. IS THAT TRUE?

Yes! Veteran and military students are awarded an honor stole.

IF I GET DEPLOYED DURING THE SEMESTER, WHAT SHOULD I DO?

As soon as possible let your instructors and advisors know, then contact the military advocate at militaryadvocate@asu.edu [6] to ask them what your options are.

"GI Bill®" is a registered trademark of the U.S. Department of Veteran Affairs (VA). More information about education benefits offered by VA is available at the official U.S. government website at www.benefits.va.gov/gibill [7]

How to apply for active duty Tuition Assistance at ASU | Arizona State University video [8]

How to apply for veteran GI Bill benefits at ASU | Arizona State University [9]

How to apply for dependent GI Bill benefits at ASU | Arizona State University [10]

Source URL: <https://veterans.asu.edu/benefits/faqs>

Links:

- [1] <mailto:PTVC@asu.edu>
- [2] <https://my.asu.edu/>
- [3] <http://www.benefits.va.gov/gibill/>
- [4] <https://jst.doded.mil/smart/dodMandatoryBannerForm/submit.do>
- [5] <http://www.airuniversity.af.mil/Barnes/CCAF/Display/Article/803247/>
- [6] <mailto:militaryadvocate@asu.edu>
- [7] <http://www.benefits.va.gov/gibill/>
- [8] <https://www.youtube.com/watch?v=47pZBbyeJpg>
- [9] <https://www.youtube.com/watch?v=b4pNYHE5e34>
- [10] https://www.youtube.com/watch?v=A_DyLKfjJJo&feature=emb_title

Barrett, The Honors College Admission

Your future at Barrett

Barrett, The Honors College, is a community of high-achieving scholars within Arizona State University who enjoy the considerable resources of a [premier](#) [1] Research I university combined with the close, personal attention provided by the staff, faculty, and deans of the highest ranked honors college in the nation.

Barrett students benefit from being part of a fully developed [four-year residential community](#) [2] and enjoy distinctive honors-only [internship](#) [3], [research](#) [4], and [travel](#) [5] opportunities. The unique [honors curriculum](#) [6] integrates seamlessly into their ASU degree requirements, while a three-pronged [advising system](#) [7] and a dedicated core of [honors faculty](#) [8] are in place to ensure a deeply supportive environment.

After [graduation](#) [9], Barrett students attend the best graduate schools, have tremendous success in national fellowship competitions, and accept positions with prominent non-profit and Fortune 500 companies.

How and when to apply:

First-Year Students [10] Current ASU [11] Transfer [12]
National Scholar [13] International [14]

Source URL: <https://barretthonors.asu.edu/admissions>

Links:

- [1] <https://www.asu.edu/rankings>
- [2] <https://barretthonors.asu.edu/student-life/housing/residential-college-experience>
- [3] <https://barretthonors.asu.edu/student-life/development/internships>
- [4] <https://barretthonors.asu.edu/student-life/development/research>
- [5] <https://barretthonors.asu.edu/global/travel-abroad>
- [6] <https://barretthonors.asu.edu/academics/advising-and-requirements/lower-upper-division-requirements>
- [7] <https://barretthonors.asu.edu/academics/advising-and-requirements>
- [8] <https://barretthonors.asu.edu/honors-faculty-at-barrett?dept=306464&id=1>
- [9] https://barretthonors.asu.edu/sites/default/files/graduate_outcomes_sp19.pdf
- [10] <https://barretthonors.asu.edu/admissions/freshman>
- [11] <https://barretthonors.asu.edu/admissions/current-asu>
- [12] <https://barretthonors.asu.edu/admissions/transfer>
- [13] <https://barretthonors.asu.edu/admissions/national-scholar>
- [14] <https://barretthonors.asu.edu/admissions/international>

Nondegree admission

Nondegree student admission

Some individuals may be interested in studying in a nondegree status, either through pre-college summer programs or for their own personal learning experience. A nondegree student is one who has not attended ASU as a degree-seeking student, has not earned a bachelor's degree, is not attending full time, and is not, at this time, applying to a degree program.

If you are a **visiting university student interested in taking summer courses**, see this information on [how to apply and enroll in classes](#) [1].

Once admitted to a degree program, a student is not permitted to register in a nondegree status.

Nondegree students may enroll in eight credit hours each fall or spring semester, seven credit hours for each six-week summer session, and nine credit hours for the eight-week summer session.

Nondegree students may apply up to 15 hours taken in nondegree status to a degree program if they choose to pursue an undergraduate degree in the future.

Nondegree students are not eligible for financial aid.

Nondegree students may not be eligible for academic advising.

Nondegree admission requirements

To be admitted to ASU as a nondegree student, you must be a high school graduate. If you're currently enrolled in high school or under the age of 18, you may be admitted as a nondegree student by submitting an official high school transcript and a letter of approval from a high school counselor or principal. You must have a 3.00 cumulative GPA in Arizona Board of Regents competency courses to be considered for admission.

[Apply now](#) [2]

Application procedures

Step 1: Complete an undergraduate admission application.

[Apply now](#) [3]

Step 2: Submit the non-refundable application fee.

- AZ residents - \$50
- Nonresidents and online - \$70

Step 3: If needed, have your transcripts sent directly to ASU.

ASU will review your application for admission once all materials are on file. To see if your file is complete, sign in to My ASU using your ASURITE UserID provided to you after you submit your application.

Mailing address (all materials, all campuses)

Admission Services Applicant Processing
Arizona State University
PO Box 871004
Tempe AZ 85287-1004

Frequently asked questions about nondegree admission

Can I apply to ASU as a nondegree-seeking student?

Yes, ASU accepts nondegree-seeking students. To be admitted as a [nondegree-seeking student](#) [5] you must meet certain requirements and follow certain guidelines. See if you qualify for nondegree admission.

Can I get financial aid as a nondegree-seeking student?

Nondegree-seeking students are not eligible for financial aid.

Will I need transcripts to apply as a nondegree-seeking student?

If you are currently enrolled in high school and under 18 years old, you are required to submit official high school transcripts and a letter of approval from a high school counselor or principal. If you are a high school graduate, you may be admitted as a nondegree-seeking student without submitting transcripts.

View more FAQs [6]

Source URL: <https://admission.asu.edu/undergrad/nondegree>

Links:

[1] <https://summer2020.asu.edu/visiting>

[2] https://webapp4.asu.edu/uga_admissionsapp/

[3] <https://admission.asu.edu/apply>

[4] <https://admission.asu.edu/contact>

[5] <https://students.asu.edu/admission/nondegree>

[7] <https://admission.asu.edu/contact/faqs>

Undergraduate readmission

Quick re-entry

If you are an undergraduate degree-seeking student who previously attended ASU but who has not been enrolled at ASU for up to seven consecutive fall or spring semesters, you may be eligible to return through Quick Re-entry. You do not need to submit a new application or application fee. You may sign in to My ASU and register for classes. You may have a hold or Priority Tasks that you need to complete before you are able to register for classes. International students are still responsible for all SEVIS requirements and should check with the International Students and Scholars Office at ASU.

If your absence is due to military deployment, service on an official church missions or with a foreign aid service of the Federal government, or a permanent disability, you should submit a [Leave of Absence](#) [1].

Note: You must submit official transcript(s) from all institutions you attended during your absence from ASU. Official transcripts must be mailed or sent electronically directly to Admission Services by the records office of the issuing institutions. Please check our [contact page for the mailing address](#) [2]. ASU does not accept transcripts sent or carried by hand by applicants themselves or transmitted by fax.

Readmission requirements

If you are not eligible for Quick Re-entry (because you have not been enrolled at ASU for eight or more semesters, have completed your academic program or were academically disqualified), you must apply for readmission and submit applicable fees. An applicant for readmission must have an ASU GPA of 2.00 or higher, depending on the ASU school or college. Students who do not meet this GPA requirement may appeal. In these cases, the completed application for readmission may be subject to a due date that is earlier than the application deadline.

Note: You must submit official transcripts from all institutions you attended during your absence from ASU. Official transcripts must be mailed or sent electronically directly to Admission Services by the records office of the issuing institutions. ASU does not accept transcripts sent or carried by hand by applicants themselves or transmitted by fax. Please go to our [contact page for the mailing address](#) [2].

Priority readmission application deadlines

Fall semester

The priority readmission application deadline for fall semester is June 1. Readmission applications received after June 1 will be considered on a space-available basis. Space is limited in some programs and admission to these programs is more competitive.

Spring semester

The priority readmission application deadline for spring semester is Dec. 1. Readmission applications received after Dec. 1 will be considered on a space-available basis. Space is limited in some programs and admission to these programs is more competitive.

Summer sessions

The priority readmission application deadline is May 1.

What needs to be submitted by the deadline?

You must submit the application for undergraduate admission, along with the application fee, by the deadline specified for each semester. In order to expedite the evaluation of your application, also submit official transcripts, test scores and supporting credentials immediately.

I was previously admitted to ASU but did not attend. Am I a readmission student?

If you have previously been admitted to ASU but did not attend, you will be considered a freshman student or a transfer student.

Steps to apply for readmission

Step 01: Complete the undergraduate admission application

ASU prefers that you apply online.

[Apply now](#) [3]

Step 02: Submit the nonrefundable application fee

Arizona residents: \$50

Nonresidents: \$70

International: \$85

If you're applying to an ASU Online degree program, a nonrefundable application fee of \$70 will be charged regardless of residency classification.

Step 03: Request that an official transcript be sent directly from your school(s) to Admission Services

Upon completion of the semester, request that a final transcript be sent directly to ASU to determine final admission status. If you do not meet readmission requirements for your selected major, you must submit complete transcripts before an admission decision is made. You need only submit transcripts from institutions other than ASU.

Note: Receipt of your final transcript impacts financial aid disbursement and eligibility to register for future classes.

Step 04: All applicants on F-1 or J-1 visas must provide a financial guarantee to show evidence of sufficient funds available for their studies before the application can be processed

In addition, U.S. Citizenship and Immigration Services (USCIS) requires ASU to obtain additional information prior to processing your visa application. Go to [My ASU](#) [4] and then update address information showing your local and SEVIS addresses (list your current U.S. address as Local Address; add your home country address as SEVIS Address). Please note that if you are readmitted, you must still meet all deadlines associated with the issuance of an I-20 to attend ASU. These deadlines are dependent upon your current location. Contact International Admission Services at asuinternational@asu.edu or 480-965-2437.

Note: Receipt of your final transcript impacts financial aid disbursement and eligibility to register for future classes.

Admission before receipt of final transcript

Applicants enrolled in other colleges and universities may be considered for readmission on the basis of meeting all readmission requirements, except for a final transcript of work in progress. This final transcript must be sent to Admission Services directly from the issuing institution immediately after the work in progress has been completed. Transcripts carried by hand are not accepted.

Admission is official only after the final transcript has been received showing that the applicant has met the university readmission requirements. In the event the applicant does not qualify or has falsified application documents, readmission and registration are canceled, and any registration fees paid are returned according to university refund policies.

Veterans exception

By Arizona statute, no failing grades received by a veteran at an Arizona university or community college before military service may be considered when determining admissibility. This exception applies only to veterans who fulfill these three criteria:

- are honorably discharged
- have served in the armed forces of the United States for a minimum of two years
- have previously enrolled at a university or community college in Arizona

Military service records must be submitted, including form DD 214.

Academic renewal

Academic renewal is a university policy administered to recalculate the cumulative ASU GPA of an undergraduate student who fulfill these three criteria.

- is pursuing their first undergraduate degree and has not previously received an academic renewal
- has a cumulative ASU GPA below 2.00 (individual colleges may elect to consider applications for students whose GPA is a 2.00 or higher)
- is readmitted to a degree program after an absence of at least five continuous calendar years (including summer sessions)

Courses (including transfer credits) completed before the five-year absence with a grade of “C” (2.00) or higher are treated in the same manner as if all the credits were transfer credits, up to a maximum of 60 credit hours.

The cumulative GPA is based only on credits earned subsequent to the student's re-entry. Graduation requirements for resident credit hours and GPA must be fulfilled after the academic renewal. Graduation requirements for academic recognition (resident credit hours and GPA) must also be fulfilled after the academic renewal.

Courses completed before and after the academic renewal remain on the transcript and may be considered when students apply for undergraduate professional or graduate programs.

A request for academic renewal follows this procedure:

1. Students interested in academic renewal must fill out the Application for Academic Renewal and submit the form to the Dean's Office in the college of their major.
2. The Application for Academic Renewal may be submitted immediately upon readmission but must be submitted no later than the start of the third semester after readmission.
3. The Dean's Office specifies in advance a minimum of 12 semester hours required for completion.
4. When the approved credits are completed with a cumulative GPA of 2.50 or higher, and no grade lower than "C" (2.00) in each course, the Dean's Office will forward the Application for Academic Renewal to the University Registrar's Office for processing.

Only readmission students working toward their first undergraduate degree are eligible to apply for academic renewal, which may be implemented only once during a student's academic career.

Academic renewal is transferable among colleges.

All students with a cumulative ASU GPA below 2.00 and who have been absent from ASU for five consecutive calendar years or more are eligible to petition for academic renewal. Individual colleges may elect to entertain petitions for academic renewal from students with ASU GPAs above 2.00. College standards committees have final authorization on academic renewal petitions.

Undergraduate readmission contact information and office locations

Phone: 480-965-7788

Fax: 480-965-3610

Location: [Student Services Building](#) [5], room 112, Tempe campus.

Frequently asked questions about readmission

Am I eligible for quick re-entry?

If you're an undergraduate degree-seeking student who has attended ASU before but have not been enrolled for up to seven consecutive fall or spring semesters, you are eligible for quick re-entry. If you haven't been enrolled at ASU for eight or more semesters, you are not eligible for quick re-entry and must apply for readmission.

How do I know if I have to reapply for admission?

If you have not been enrolled at ASU for eight or more semesters, you have to apply for readmission and submit all applicable fees. If you have not been enrolled at ASU for one or two fall or spring semesters, you are eligible to return through quick re-entry.

Are readmission requirements different than when I was first admitted?

They may be, depending on when you were first admitted. ASU admission requirements change from time to time, so the admission standards you met previously may be different than they are currently.

View more FAQs [6]

Source URL: <https://admission.asu.edu/undergrad/readmission>

Links:

[1] <https://students.asu.edu/leave-absence>

[2] <https://admission.asu.edu/contact>

[3] https://webapp4.asu.edu/uga_admissionsapp/

[4] <https://my.asu.edu/>

[5] <https://maps.asu.edu/?id=120&mrklid=63156>

Western Undergraduate Exchange (WUE)

Reduced tuition at ASU — it's the neighborly thing to do

The Western Undergraduate Exchange (WUE) is a program coordinated by the Western Interstate Commission for Higher Education. Residents of western states (other than Arizona) may enroll in the ASU WUE program at a tuition rate of 150 percent of Arizona base resident tuition plus all applicable fees for fall and spring terms only. WUE programs are limited to select majors at ASU's Downtown Phoenix, Polytechnic and West campuses.

[Explore WUE majors](#) [1]

Nonresident tuition
\$28,800

Nonresident WUE tuition
\$16,064

WUE enrollment and eligibility information

General eligibility requirements

- Students must be a permanent resident of **Alaska, California, Colorado, Guam, Hawaii, Idaho, Montana, Nevada, New Mexico, North Dakota, Oregon, South Dakota, Utah, Washington, Wyoming or the Commonwealth of the Northern Mariana Islands.**
- Students must apply to one of the [ASU WUE-eligible majors or programs](#) [1].
- To maintain WUE eligibility, you must follow certain requirements including remaining enrolled in your WUE-eligible major and campus. See all the requirements for [maintaining WUE eligibility](#) [2].
- Any currently enrolled ASU student who does not meet initial eligibility requirements as a first-year student or a transfer student, can be re-evaluated after completing 12 credit hours at ASU with a minimum 2.50 ASU cumulative GPA. Students can email WUE@asu.edu [3] to be reviewed once final grades have been posted.

First-year student requirements

- First-year students must have a high school GPA of 3.00 or higher in [competency courses](#) [4] (this is known as the ABOR GPA), or have an SAT of 1180 or ACT of 24 (not including the writing portion of these exams) or higher.
- First-year students are expected to live in an ASU residence hall during their first year. Please see asu.edu/housing [5] for more information.
- WUE first-year students may be eligible for an ASU nonresident merit-based WUE [scholarship](#) [6]. ASU will notify qualified admitted first-year students in writing of this award.

Transfer student requirements

- Transfer students must have an overall GPA of 2.50 or higher on a 4.00 scale in all transferable coursework.
- Transfer students must have less than 120 transferable semester credits.
- Community college transfer students must have a minimum of an associate degree or 60 transferable semester credits (90 quarter credits are needed for students transferring from a community college on the quarter system).
- BAS degree programs are only open to students who have an AAS or equivalent degree
- All final transcripts must be filed two weeks prior to the start of your first semester at ASU in order to be evaluated for WUE.
- No individual review is conducted for transfer students.

Individual review

Students who don't meet the above standards will be considered for the WUE program through individual review. Through this process, Admission Services will review all available information about a student's application, carefully considering all aspects of a student's academic background and accomplishments. Submission of an ACT or SAT score is highly recommended. In some cases, additional information might be requested.

Application procedures

No separate application is required. All applicants meeting eligibility requirements will automatically receive the WUE rate.

Applicants must:

- Submit an [application for admission](#) [7] including all required supporting documents to Admission Services by the preferential application date ([First-year student](#) [8], [Transfer](#) [9]). After the published dates, some ASU colleges and schools may limit admission to their program. ASU encourages you to submit your application and all supporting materials well before these dates.
- Indicate an intended major or program that is one of the [ASU WUE-eligible programs](#) [1] on the application.
- Meet all other applicable ASU admission requirements.

ASU will notify you in writing if you are eligible for and placed into WUE. This process occurs after your admission to ASU.

Financial aid

Once placed into WUE, the student's financial aid budget will be adjusted to reflect the cost of attendance calculated with the WUE tuition rate. WUE students are not eligible for ASU nonresident merit-based scholarships or grants. (The only exception is the WUE merit scholarship for first-year students.)

More information about WUE

If you have questions about WUE, please contact your ASU admission representative or visit the [Western Undergraduate Exchange website](#) [10].

[Contact my rep](#) [11]

Current students with questions on maintaining eligibility, should contact the University Registrar Services at WUE@asu.edu [3].

Frequently asked questions about WUE

What is WUE?

WUE, or the Western Undergraduate Exchange program, is a program in which residents of western states (other than Arizona) can enroll in specific ASU degree programs at a rate of 150 percent of resident base tuition. There are more than 100 ASU WUE degrees you can choose from on ASU's Downtown Phoenix, Polytechnic and West campuses.

What states are considered WUE eligible?

Students from the following states are eligible to participate in the Western Undergraduate Exchange program at ASU: Alaska, California, Colorado, Hawaii, Idaho, Montana, Nevada, New Mexico, North Dakota, Oregon, South Dakota, Utah, Washington and Wyoming.

Once I'm considered eligible for WUE, do I stay eligible?

To stay eligible for WUE, you must follow certain guidelines including remaining a resident of your home state, remaining in your WUE-eligible major or switching to another WUE-eligible major, maintaining a cumulative GPA of at least 2.50, maintaining continuous enrollment in the fall and spring semesters, earning at least 24 credits per year, and completing your program within eight semesters. [See all the requirements for maintaining WUE eligibility](#) [12].

[View more FAQs](#) [13]

Source URL: <https://admission.asu.edu/wue>

Links:

- [1] <https://webapp4.asu.edu/programs/t5/programs/Keyword/wue/undergrad/false>
- [2] <https://admission.asu.edu/wue/wue-maintaining-eligibility>
- [3] <mailto:WUE@asu.edu>
- [4] <https://admission.asu.edu/freshmen/competency-requirements>
- [5] <https://housing.asu.edu/>
- [6] <https://scholarships.asu.edu/scholarship/1733>
- [7] https://webapp4.asu.edu/uga_admissionsapp/
- [8] <https://admission.asu.edu/freshman/apply>
- [9] <https://admission.asu.edu/transfer/apply>
- [10] <https://www.wiche.edu/wue>
- [11] <https://admission.asu.edu/findmyrep>
- [12] <https://admission.asu.edu/wue/wue-maintaining-eligibility>
- [13] <https://admission.asu.edu/contact/faqs#freshman>

Contact ASU Admission Services

We're here to help

While adhering to current public health guidance from the Centers for Disease Control related to the novel coronavirus (COVID-19), ASU Admission Services remains dedicated to helping you successfully navigate the admission and enrollment processes. We have a dedicated team working remotely to help students and ensure the safety of our ASU community. Please reach out to your personal admission representative by email or phone.

- First-year representative [1]
- Transfer representative [2]
- International representative [3]
- Graduate representative [4]

Admission Services mailing address

Have your test scores (e.g., ACT, SAT, TOEFL) and official high school or college transcripts sent from the issuing institution to the address below. Any written inquiries should be sent to this address as well.

Admission Services Applicant Processing
Arizona State University
PO Box 871004
Tempe AZ 85287-1004

If sending by FedEx, DHL or UPS (Recommended method for international students):

Arizona State University
Admission Services Applicant Processing
1150 East University Drive Building C, Room 226
Tempe, AZ 85281

Contact ASU Admission Services by email or by phone

Undergraduate admission (first-year students and transfer students)

Downtown Phoenix campus

[University Center Building, Suite 130](#) [5]

Monday — Friday 8 a.m. – 5 p.m.

Phone number: 480-965-7788

Fax: 480-965-3610

Email: [First-year students](#) [6] | [Transfer](#) [7] | [International](#) [8]

Street address: 411 N. Central Ave. Phoenix, AZ 85004

Polytechnic campus

[Administration Building](#) [9]

Monday — Friday 8 a.m. – 5 p.m.

Phone number: 480-965-7788

Fax: 480-965-3610

Email: [First-year students](#) [6] | [Transfer](#) [7] | [International](#) [8]

Street address: 5990 S Sterling Mall Mesa, Arizona 85212

ASU@Lake Havasu

[Santiago Hall](#) [9]

Monday — Friday 8 a.m. – 5 p.m.

Phone number: 928-854-9745

Email: [First-year students](#) [6] | [Transfer](#) [7] | [International](#) [8]

Street address: 100 University Way, Lake Havasu City, AZ 86403

Tempe campus

[Student Services Building, room 110](#) [10]

Monday: 8 a.m. – 4 p.m.

Tuesday — Friday: 8 a.m. — 5 p.m.

Phone number: 480-965-7788

Fax: 480-965-3610

Email: [First-year students](#) [6] | [Transfer](#) [7] | [International](#) [8]

Street address: 1151 S. Forest Ave. Tempe, AZ 85281

West campus

[University Center, Room 120](#) [11]

Monday — Friday 8 a.m. – 5 p.m.

Phone number: 480-965-7788

Fax: 480-965-3610

Email: [First-year students](#) [6] | [Transfer](#) [7] | [International](#) [8]

Street address: 13590 N. 47th Ave. Phoenix, AZ 85306

Graduate admission

Graduate Admission Services

[Student Services Building \(SSV\), Room 140](#) [12]

Monday 8 a.m. – 4 p.m.

Tuesday — Friday 8 a.m. – 5 p.m.

Phone number: 480-965-6113

Fax: 480-965-5158

Email: gograd@asu.edu [13]

Street address: 1151 S. Forest Ave. Tempe, AZ 85281

International Admission

International Admission Services

Phone number: 480-965-2437

Fax: 480-727-6453

Email: asuinternational@asu.edu [14]

Apply [15]
Visit [16]
Request Info [17]

Source URL: <https://admission.asu.edu/contact>

Links:

- [1] <https://admission.asu.edu/contact/freshman>
- [2] <https://admission.asu.edu/contact/transfer>
- [3] <https://admission.asu.edu/contact/international>
- [4] <https://admission.asu.edu/contact/graduate>
- [5] <https://www.asu.edu/map/interactive/?campus=downtown&building=UCENT>
- [6] <https://admission.asu.edu/findmyrep>
- [7] <https://admission.asu.edu/contact/transfer>
- [8] <https://admission.asu.edu/contact/international>
- [9] <https://www.asu.edu/map/interactive/?id=120&mrklid=62663>
- [10] <https://www.asu.edu/map/interactive/?campus=tempe&building=SSV>
- [11] <https://www.asu.edu/map/interactive/?campus=west&building=UCB>
- [12] <https://www.asu.edu/map/interactive/?id=120&mrklid=63156>
- [13] <mailto:gograd@asu.edu>
- [14] <mailto:asuinternational@asu.edu>
- [15] <https://admission.asu.edu/apply>
- [16] https://visit.asu.edu/?_ga=2.198132463.1566669110.1594409306-1105227516.1584560528
- [17] <https://admission.asu.edu/contact/what-type-student-are-you>

Arizona General Education Curriculum (AGEC)

The Arizona public community colleges and universities have agreed upon a common structure for a general education core. This curriculum provides students attending any Arizona public community college with the opportunity to build a general education program that is transferable to any other state institution without loss of credit. This common agreement is called the Arizona General Education Curriculum (AGEC).

The AGEC is composed of 35 to 37 credit hours of lower-division general education coursework in which a student may prepare for transfer.

The AGEC has three forms: AGEC-A, AGEC-B and AGEC-S. A detailed description of each AGEC is available at <https://aztransfer.com/generaleducation/> [1].

Community colleges are responsible for certifying the date of completion of the AGEC on the official institutional transcripts.

Completion of the appropriate AGEC will fulfill university lower-division general education requirements of the baccalaureate degree with which the AGEC articulates. Students completing the AGEC will still be required to fulfill lower-division program requirements and prerequisites within their college and major and minor areas of study. To complete a degree program most efficiently, students should select courses that concurrently satisfy AGEC and major requirements.

Completion of any AGEC from an Arizona community college guarantees admission to the university provided that a cumulative GPA of 2.50 or higher has been achieved. AGEC completion, however, does not guarantee admission to any specific university program. Many majors (e.g., architecture, engineering, business, the fine and creative arts, or health professions) have significant prerequisites or program requirements that must be completed before a student may be admitted to upper-division coursework. Community college students who are undecided about which of the universities

they plan to attend or what program of study they intend to pursue are advised to explore educational options while they complete the AGECE. In all cases, students have the responsibility for selecting general education coursework that is relevant to the requirements of their intended major and degree.

Students who complete both the AGECE and an approved associate degree will be assigned junior class standing by the state universities. Junior class standing is based on the number of credit hours a student has earned and does not necessarily indicate the remaining number of credit hours needed to complete degree requirements. Course prerequisites, major requirements and upper-division requirements continue to be specified by each university. Appropriate sequencing of courses and timely completion of course prerequisites are essential to ensure efficient progress toward a baccalaureate degree. Students who have identified the university they plan to attend or a major area of study are advised to fulfill requirements and prerequisites identified by these programs through ASU's transfer pathways [2]. The AGECE does not replace articulation agreements developed to enhance the transfer process between specific institutions, nor does the AGECE eliminate the possibility that students who have identified the university they plan to attend and a major area of study will follow transfer guides provided by the state universities.

Source URL: <https://catalog.asu.edu/agece>

Links:

[1] <https://aztransfer.com/generaleducation/>

[2] <https://admission.asu.edu/transfer/pathway-programs>

Course Load and Concurrent Enrollment

Course

A minimum full-time course load for an undergraduate student is 12 credit hours.

The maximum course load for which a student may register is 18 credit hours (it is 19 credit hours for students enrolled in the Ira A. Fulton Schools of Engineering), with a maximum of nine credit hours in each A or B session. A student wishing to register for more than the maximum must petition the standards committee of the college in which the student is enrolled and must obtain an approved overload before registration.

Summer Session Credit Hour Load

The summer session credit hour load limit is seven credit hours for each six-week session and nine credit hours for the eight-week session, and the load limit may not exceed 14 credit hours for any combination of sessions.

Graduate Credits Earned by Undergraduate Students

ASU undergraduate students who have achieved senior status (cannot be postbaccalaureate) with a cumulative GPA of 3.00 or higher may count up to 12 credit hours of graduate-level coursework toward their graduate degree at ASU (preadmission credit hours). Only graduate courses with a grade of "B" (3.00) or higher may be included on a graduate plan of study. Preadmission graduate courses cannot be used to meet any baccalaureate graduation requirements. Before registering for these courses, students are advised to check with their academic advisor to ensure the correct internal academic unit or college process is followed. Permission to take a preadmission graduate course does not guarantee admission to a graduate degree program or that the course may be used toward graduate degree requirements.

Use of Graduate Course Credit by Undergraduates

Graduate course credit earned by an undergraduate student that is used to fulfill requirements for an undergraduate degree program cannot also be used in a graduate degree program unless the student is enrolled in an approved

accelerated program. Students must contact their advisor before enrolling in a graduate course they wish to use toward a future graduate program at ASU.

Concurrent Enrollment

Provided that the other institution's regulations concerning enrollment, graduation requirements and transfer of credits are not violated, a student may enroll in classes at other institutions or in independent learning courses while enrolled at ASU. However, the student is urged to seek advising before concurrent enrollment to assure orderly progress toward a degree. If total credits exceed the maximum course load, prior permission must be granted by the college standards committee.

Enrollment Verification Guidelines

The registrar is responsible for verifying enrollment, according to general guidelines; students should see [enrollment verification](#) [1].

Source URL: https://catalog.asu.edu/course_load

Links:

[1] <https://students.asu.edu/enrollment-verification>

Credit by Examination

Students may receive credit for an ASU course by taking an examination in place of the actual course. Some exams may be taken prior to admission to ASU. Information is provided below for each type of exam, the courses that are equivalent and other conditions that may apply to credit being awarded.

- A student may earn no more than 60 hours of credit by examination for any or all programs, including ASU comprehensive and proficiency exams.
- Credit will not be awarded for any course in which the student has been given credit from any educational institution.
- Credit will not be granted for a course taken at an educational institution after credit by examination has been awarded.
Exception: Students who take the advanced placement exams may choose either to have the credit earned by advanced placement kept in their cumulative university hours or to complete the ASU course and have the credit and grade instead, regardless in which order the test or course is taken. Students should see the advanced placement section, below, for additional details on the exam and its equivalent scores.
- Credit may not be received for a lower-level or prerequisite course when credit has already been received in a higher-level course within the same field.
- Only credit earned by comprehensive examination will count toward the resident credit requirement for graduation.
- Credit by exam is awarded based on the date the exam was taken. Students who take the exam during the current catalog year (August 2020–July 2021) will earn credit based on the credit equivalency found in the current catalog. If the test was taken in a prior academic year, the student should refer to the catalog of that year or search the Transfer Guide [1] for more information.

Types of Examinations

College-level Examination Program (CLEP) [2] can be taken before or during enrollment at ASU.

Advanced Placement (AP) [3] is taken during secondary school or before enrollment at ASU.

DANTES or DSST (Defense Activity for Nontraditional Education Support Subject Standardized Test) [4] is taken by military or approved government personnel before or during enrollment at ASU.

International Baccalaureate (IB) diploma/certificate [5] is earned by students of an International Baccalaureate®-approved school before enrollment at ASU.

Cambridge International Exam [6] is taken by students who have completed a Cambridge course in their secondary school.

Comprehensive examinations [7] can be taken by current ASU students.

Proficiency examinations [8] can be taken by current ASU students.

For information about placement testing for mathematics and English classes prior to orientation, students should refer to the placement and testing requirements [9] in the ASU Catalog.

College-Level Examination Program (CLEP)

Students who have taken a College-Level Examination of the College Entrance Examination Board may receive university credit. The table of CLEP credit applies to all students enrolled in the university for the first time in August 1975 and any student enrolling thereafter. CLEP examination credit is not given where it duplicates credit previously earned by the student at the university or accepted by the university for work done elsewhere. All examinations are given monthly by University Testing and Scanning Services [10].

The General Studies requirements in natural science (SQ and SG) and literacy and critical inquiry (L) are not satisfied by CLEP. There is no limit to the number of CLEP credits that can be used to fulfill the other parts of the General Studies requirement. A student who has received ASU credit for a course due to special programs credit may not duplicate the credit by enrolling in the same class for credit at ASU or transferring it to another institution.

Subject Examinations

To obtain credit or placement for all subject exams except English, History, French, German, and Spanish, a student must receive a score of 50 (computer-based testing [CBT] scale) or higher. To obtain credit for College Composition, a student must receive a standard score of 610 (1978 scale), 500 (1986 scale), or 50 (CBT scale). Test scores for French, German, History and Spanish are shown below in the CLEP credit table.

All equivalency is subject to future review and possible catalog change. Students should refer to the Transfer Credit Guide for equivalencies of exams taken outside of the current catalog year. For more information on registering for CLEP testing, students should contact University Testing and Scanning Services [10] at 480-965-7146 or visit the office at 1130 E. University Dr., Suite 204, Tempe, Ariz.

*Credit awarded as a department elective will display as DEC. A DEC course is not directly equivalent to a current ASU course but could be used for graduation requirements. Students should see their advisor to determine how these courses may apply to their major.

| Examination | Credit Hours | Equivalency |
|---------------------|--------------|--|
| American Government | 3 | POS 110 |
| American Literature | 3 | ENG DEC* (Students must score 55 or higher.) |

| | | |
|--|--------------------|--|
| Analyzing and Interpreting Literature | 3 | ENG DEC* |
| Biology | 3 | BIO DEC* |
| Calculus | 3 4 | MAT 265 MAT 270 |
| Chemistry | 4 | CHM 113 |
| College Algebra | 3 | MAT 117 |
| College Composition | 3 | Placement into ENG 105 and Elective credit (3) Transfer students who have credit for ENG 102 and who completed the exam (with a score of 50 or higher) prior to enrolling in ENG 102 may receive ENG 101 credit for the exam. |
| College Composition - Modular | 0 | No credit |
| College Mathematics | 0 | No credit |
| English Literature | 3 | ENG DEC* (Students must score 55 or higher.) |
| Financial Accounting | 3 | Elective credit |
| French Language | 4 8 12 16 | FRE 101 (Students must score 50–54.) FRE 101, 102 (Students must score 55–61.) FRE 101, 102, 201 (Students must score 62–65.) FRE 101, 102, 201, 202 (Students must score 66 or higher.) |
| German Language | 4 8 12 16 | GER 101 (Students must score 39–45.) GER 101, 102 (Students must score 46–50.) GER 101, 102, 201 (Students must score 51–59.) GER 101, 102, 201, 202 (Students must score 60 or higher.) |
| History of the United States I — Early Colonization to 1877 | 3 | HST 109 (Students must score 56 or higher.) |
| History of the United States II — 1865 to the Present | 3 | HST 110 (Students must score 56 or higher.) |
| Human Growth and Development | 3 | CDE 232 |

| | | |
|---|----|--|
| Humanities | 3 | Elective credit |
| Information Systems and Computer Applications | 3 | CIS DEC* |
| Introduction to Educational Psychology | 0 | No credit |
| Introductory Business Law | 3 | LAW 210 |
| Introductory Psychology | 3 | PGS 101 or PSY 101 |
| Introductory Sociology | 3 | SOC 101 |
| Natural Sciences | 3 | Elective credit (Students must score 53-55.) |
| | 6 | Elective credit (Students must score 56 or higher.) |
| Precalculus (replaces College Algebra/Trigonometry) | 3 | MAT 170 |
| Principles of Macroeconomics | 3 | ECN 211 |
| Principles of Management | 0 | No credit |
| Principles of Marketing | 0 | No credit |
| Principles of Microeconomics | 3 | ECN 212 |
| Social Sciences and History | 6 | Elective credit (Students must score 56 or higher.) |
| Spanish Language | 4 | SPA 101 (Students must score 50-54.) |
| | 8 | SPA 101, 102 (Students must score 55-65.) |
| | 12 | SPA 101, 102, 201 (Students must score 66-67.) |
| | 16 | SPA 101, 102, 201, 202 (Students must score 68 or higher.) |
| Spanish with Writing | 8 | SPA 101, 102 (Students must score 50–59.) |
| | 16 | SPA 101, 102, 201, 202 (Students must score 60 or higher.) |
| Western Civilization I — Ancient Near East to 1648 | 3 | HST 102 (Students must score 56 or higher.) |
| Western Civilization II — 1648 to the Present | 3 | HST 104 (Students must score 56 or higher.) |

Advanced Placement

Students who have taken an advanced placement course of the College Entrance Examination Board in their secondary school and who have taken an AP examination of the CEEB may receive university credit. No credit is given for any examination with a score of two or one. There is no limit to the number of AP credits that can be used to meet the General Studies requirement, including the requirements in natural sciences (SQ and SG) and literacy and critical inquiry (L).

When the scores are received by the university directly from the CEEB, credit is awarded as shown in the Advanced Placement Credit table below.

| Examination | Score | Credit Hours | Equivalency |
|-------------------------------------|-----------|--------------|------------------------|
| 2-D Art and Design | 5 or 4 | 3 | ART 112 |
| 3-D Art and Design | 5 or 4 | 3 | ART 115 |
| Art History | 5 or 4 | 6 | ARS 101, 102 |
| | 3 | 3 | ARS 101 |
| Biology | 5 or 4 | 8 | BIO 181, 182 |
| | 3 | 4 | BIO 100 |
| Calculus AB | 5, 4 or 3 | 4 | MAT 270 |
| Calculus BC | 5 or 4 | 8 | MAT 270, 271 |
| | 3 | 4 | MAT 270 |
| Capstone Research | 5, 4 or 3 | 3 | Elective |
| Capstone Seminar | 5, 4 or 3 | 3 | Elective |
| Chemistry | 5 | 8 | CHM 113, 116 |
| | 4 | 4 | CHM 113 |
| Chinese Language and Culture | 5 | 20 | CHI 101, 102, 201, 202 |
| | 4 | 15 | CHI 101, 102, 201 |
| | 3 | 10 | CHI 101, 102 |
| Comparative Government and Politics | 5 or 4 | 3 | POS 150 |

| | | | |
|----------------------------------|-------------|----------------|--|
| Computer Science A | 5 or 4 | 3 | CSE 110 or ACO 101 |
| Computer Science Principles | 5, 4 or 3 | 3 | IFT 101 |
| Drawing | 5 or 4 | 3 | ART 111 |
| English Language & Composition | 5 or 4 | 3 | Placement into ENG 105 and Elective credit (3) Transfer students who have credit for ENG 102 and who completed the exam (with a score of 4 or 5) prior to enrolling in ENG 102 may receive ENG 101 credit for the exam. |
| English Literature & Composition | 5 or 4 | 3 | Placement into ENG 105 and Elective credit (3) Transfer students who have credit for ENG 102 and who completed the exam (with a score of 4 or 5) prior to enrolling in ENG 102 may receive ENG 101 credit for the exam. |
| Environmental Science | 5 or 4 | 3 | SOS 110 |
| European History | 5 or 4 | 6 | HST 103 and 104 |
| French Language and Culture | 5 4 3 | 14 11 8 | FRE 201, 202, 311, 312 FRE 201, 202, 311 FRE 201, 202 |
| German Language and Culture | 5 4 3 | 14 11 8 | GER 201, 202, 311, 312 GER 201, 202, 311 GER 201, 202 |
| Human Geography | 5 or 4 | 3 | GCU 102 |
| Italian Language and Culture | 5 4 3 | 16 12 8 | ITA 101, 102, 201, 202 ITA 101, 102, 201 ITA 101, 102 |
| Japanese Language and Culture | 5 4 3 | 20 15 10 | JPN 101, 102, 201, 202 JPN 101, 102, 201 JPN 101, 102 |
| Latin | 5 4 3 | 16 12 8 | LAT 101, 102, 201, 202 LAT 101, 102, 201 LAT 101, 102 |
| Macroeconomics | 5 or 4 | 3 | ECN 211 |

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|--|-----------|----|---------------------------|
| Microeconomics | 5 or 4 | 3 | ECN 212 |
| Music Theory | 5 or 4 | 3 | MTC 125 |
| Physics – AP 1 Mechanics | 5 or 4 | 4 | PHY 111, 113 |
| Physics – AP 2 Electricity and Magnetism | 5 or 4 | 4 | PHY 112, 114 |
| Physics — AP Mechanics C | 5, 4 or 3 | 4 | PHY 111, 113 |
| Physics — AP Electricity and Magnetism C | 5, 4 or 3 | 4 | PHY 112, 114 |
| Psychology | 5 or 4 | 3 | PGS 101 or PSY 101 |
| Spanish — Language and Culture | 5 | 14 | SPA 201, 202, 294 and 313 |
| | 4 | 11 | SPA 201, 202 and 294 |
| | 3 | 8 | SPA 201, 202 |
| Spanish — Literature and Culture | 5 | 12 | SPA 201, 202, 313 and 394 |
| | 4 | 11 | SPA 201, 202 and 313 |
| | 3 | 8 | SPA 201, 202 |
| Statistics | 5, 4 or 3 | 3 | STP 226 |
| U.S. Government and Politics | 5 or 4 | 3 | POS 110 |
| U.S. History | 5 or 4 | 6 | HST 109 and 110 |
| World History: Modern | 5 or 4 | 3 | HST 101 |

DANTES/DSST

Students who have taken a DSST (DANTES [Defense Activity for Nontraditional Education Support] Subject Standardized Test) may receive university credit. Credit is awarded for score results at or above the American Council on Education's recommended score if the subject examination is applicable to a program of study at ASU, or credit may be assigned as elective. To receive credit, a transcript showing the DSST results must be received by ASU directly from the Educational Testing Service.

*Credit awarded as a department elective will display as DEC. A DEC course is not directly equivalent to a current ASU course but could be used for graduation requirements. Students should see their advisor to determine how these courses may apply to their major.

Students should refer to the Transfer Credit Guide for equivalencies of exams taken outside of the current catalog year. To register for the exam or for more information about exam fees, students should contact University Testing and Scanning Services [11] at 480-965-7146 or visit the office at 1130 E. University Dr., Suite 204, Tempe, Ariz.

| DSST Exam | ASU Credit | Score | Credit Hours |
|---|-----------------|-------|--------------|
| A History of the Vietnam War | Elective credit | 400 | 3 |
| An Introduction to the Modern Middle East | Elective credit | 400 | 3 |
| Art of the Western World | ARS 101 or 102 | 400 | 3 |
| Astronomy | No credit | | |
| Business Ethics and Society | Elective credit | 400 | 3 |
| Business Mathematics | No credit | | |
| Computing and Information Technology | No credit | | |
| Criminal Justice | CRJ 100 | 400 | 3 |
| Environmental Science | Elective credit | 400 | 3 |
| Ethics in America | No credit | | |
| Ethics in Technology | Elective credit | 400 | 3 |
| Foundations of Education | TEL DEC* | 400 | 3 |
| Fundamentals of College Algebra | No credit | | |

| | | | |
|--|-----------------|-----|---|
| Fundamentals of Counseling | Elective credit | 400 | 3 |
| Fundamentals of Cybersecurity | Elective credit | 400 | 3 |
| General Anthropology | No credit | | |
| Here's to Your Health | No credit | | |
| History of the Soviet Union | HST DEC* | 400 | 3 |
| Human Resource Management | No credit | | |
| Human/Cultural Geography | GCU 102 | 400 | 3 |
| Introduction to Business | Elective credit | 400 | 3 |
| Introduction to Computing | Elective credit | 400 | 3 |
| Introduction to Geology | GLG 101 | 400 | 3 |
| Introduction to Law Enforcement | CRJ DEC* | 400 | 3 |
| Introduction to World Religions | No credit | | |
| Lifespan Developmental Psychology | Elective credit | 400 | 3 |
| Management Information Systems | Elective credit | 400 | 3 |
| Math for Liberal Arts | MAT 142 | 400 | 3 |
| Money and Banking | No credit | | |
| Organizational Behavior | Elective credit | 400 | 3 |
| Personal Finance | Elective credit | 400 | 3 |
| Physical Geology | No credit | | |
| Principles of Advanced English Composition | No credit | | |
| Principles of Finance | Elective credit | 400 | 3 |
| Principles of Physical Science I | Elective credit | 400 | 3 |
| Principles of Public Speaking | Elective credit | 400 | 3 |

| | | | |
|---|-----------------|-----|---|
| Principles of Statistics | STP 226 | 400 | 3 |
| Principles of Supervision | Elective credit | 400 | 3 |
| Substance Abuse (formerly Drug and Alcohol Abuse) | No credit | | |
| Technical Writing | ENG DEC* | 400 | 3 |
| The Civil War and Reconstruction | HST DEC* | 400 | 3 |

International Baccalaureate (IB) diploma or certificate

Students who present an International Baccalaureate diploma or certificate may qualify for university credit, depending on the level of the examination and the grade received. Arizona State University grants credit for higher-level courses and some standard-level courses. A high-level grade of five qualifies the student to receive credit for up to two introductory courses while a grade of four qualifies a student to receive credit for one introductory course. No credit is awarded for English as a second language (English B). Credit is awarded according to the International Baccalaureate diploma/certificate credit table below.

*Credit awarded as a department elective will display as DEC. A DEC course is not directly equivalent to a current ASU course but could be used for graduation requirements. Students should see their advisor to determine how these courses may apply to their major.

| Examination** | Score | Credit Hours | Equivalency |
|--|-----------|--------------|--------------|
| Art/Design High-Level | any | 0 | No credit |
| Biology Standard-Level | 7, 6 or 5 | 4 | BIO 100 |
| | 4 | 3 | BIO DEC* |
| Biology High-Level | 7, 6 or 5 | 8 | BIO 181, 182 |
| | 4 | 4 | BIO 100 |
| Business and Management Standard-Level | 7, 6 or 5 | 3 | Elective |
| Business and Management High-Level | 7, 6 or 5 | 3 | Elective |
| | 4 | 0 | No credit |
| Chemistry Standard-Level | any | 0 | No credit |
| Chemistry High-Level | 7, 6 or 5 | 8 | CHM 113, 116 |
| | 4 | 4 | CHM 113 |

| | | | |
|--|--------------|----|---------------------------|
| Chinese B Standard-Level | any | 0 | No credit |
| Chinese B High-Level | 7 | 20 | CHI 101, 102, 201 and 202 |
| | 6 | 15 | CHI 101, 102 and 201 |
| | 5 | 10 | CHI 101 and 102 |
| | 4 | 5 | CHI 101 |
| Classical Languages (Latin) Standard-Level | any | 0 | No credit |
| Classical Languages (Latin) High-Level | 7 | 16 | LAT 101, 102, 201 and 202 |
| | 6 | 12 | LAT 101, 102 and 201 |
| | 5 | 8 | LAT 101 and 102 |
| | 4 | 4 | LAT 101 |
| Computer Science Standard-Level | 7, 6, 5 or 4 | 3 | Elective |
| Computer Science High-Level | 7, 6 or 5 | 3 | CSE 110 or ACO 101 |
| Dance Standard-Level | 7, 6, 5 or 4 | 3 | DCE 201 |
| Dance High-Level | 7, 6, 5 or 4 | 3 | DCE 201 |
| Design Technology Standard-Level | 7, 6, 5 or 4 | 3 | Elective |
| Design Technology High-Level | 7, 6, 5 or 4 | 3 | EGR 101 |
| Economics Standard-Level | any | 0 | No credit |
| Economics High-Level | 7, 6 or 5 | 6 | ECN 211, 212 |
| English Language A: Language and Literature Standard-Level | any | 0 | No credit |
| English Language A: Language and Literature High-Level | 7, 6 or 5 | 3 | ENG 101 or Elective |
| English Language A: Literature Standard-Level | any | 0 | No credit |
| English Language A: Literature High-Level | 7, 6 or 5 | 3 | ENG 101 or Elective |
| Environmental Systems and Societies Standard-Level | 7, 6 or 5 | 3 | SOS 110 |
| Extended Essay | any | 0 | No credit |
| Film Standard-Level | any | 0 | No credit |
| Film High-Level | 7, 6, 5 or 4 | 3 | FMS 110 |

| | | | |
|---|--------------|----|---------------------------|
| French B Standard-Level | any | 0 | No credit |
| French B High-Level | 7 | 16 | FRE 101, 102, 201 and 202 |
| | 6 | 12 | FRE 101, 102 and 201 |
| | 5 | 8 | FRE 101 and 102 |
| | 4 | 4 | FRE 101 |
| Further Mathematics High-Level | 7, 6 or 5 | 4 | MAT DEC* |
| Geography Standard-Level | 7, 6, 5 or 4 | 3 | GCU DEC* |
| Geography High-Level | 7, 6 or 5 | 3 | GCU 102 |
| German B Standard-Level | any | 0 | No credit |
| German B High-Level | 7 | 16 | GER 101, 102, 201 and 202 |
| | 6 | 12 | GER 101, 102 and 201 |
| | 5 | 8 | GER 101 and 102 |
| | 4 | 4 | GER 101 |
| Global Politics Standard-Level | any | 0 | No credit |
| Global Politics High-Level | 7, 6, 5 or 4 | 3 | POS 160 |
| History Standard-Level | 7, 6 or 5 | 3 | HST DEC* |
| History of Africa and the Middle East High-Level | 7, 6 or 5 | 6 | Elective |
| | 4 | 0 | No credit |
| History of the Americas High-Level | 7, 6 or 5 | 6 | HST 109 and 110 |
| | 4 | 3 | HST 109 |
| History of Asia and Oceania High-Level | 7, 6 or 5 | 6 | HST 107 and 240 |
| | 4 | 3 | HST 107 |
| History of Europe High-Level | 7, 6 or 5 | 6 | HST 103 and 104 |
| | 4 | 3 | HST 103 |
| Information Technology in a Global Society Standard-Level | 7, 6, 5 or 4 | 3 | Elective |
| Information Technology in a Global Society High-Level | 7, 6 or 5 | 3 | Elective |
| Japanese B Standard-Level | any | 0 | No credit |
| Japanese B High-Level | 7 | 20 | JPN 101, 102, 201 and 202 |
| | 6 | 15 | JPN 101, 102 and 201 |

| | | | |
|--|-----|----|---------------------------|
| | 5 | 10 | JPN 101 and 102 |
| | 4 | 5 | JPN 101 |
| Literature and Performance Standard-Level | any | 0 | No credit |
| Mathematical Studies Standard-Level | any | 0 | No credit |
| Mathematics: Applications & Interpretations Standard-Level | 5 | 3 | MAT DEC* |
| | 4 | 0 | No credit |
| Mathematics: Applications & Interpretations High-Level | 5 | 3 | MAT 142 |
| | 4 | 0 | No credit |
| Mathematics: Analysis & Approaches Standard-Level | 5 | 3 | MAT DEC* |
| | 4 | 0 | No credit |
| Mathematics: Analysis & Approaches High-Level | 5 | 4 | MAT 270 |
| | 4 | 0 | No credit |
| Modern Languages: Chinese B High-Level | 7 | 20 | CHI 101, 102, 201 and 202 |
| | 6 | 15 | CHI 101, 102 and 201 |
| | 5 | 10 | CHI 101 and 102 |
| | 4 | 5 | CHI 101 |
| Modern Languages: French B High-Level | 7 | 16 | FRE 101, 102, 201 and 202 |
| | 6 | 12 | FRE 101, 102 and 201 |
| | 5 | 8 | FRE 101 and 102 |
| | 4 | 4 | FRE 101 |
| Modern Languages: German B High-Level | 7 | 16 | GER 101, 102, 201 and 202 |
| | 6 | 12 | GER 101, 102 and 201 |
| | 5 | 8 | GER 101 and 102 |
| | 4 | 4 | GER 101 |
| Modern Languages: Japanese B High-Level | 7 | 20 | JPN 101, 102, 201 and 202 |
| | 6 | 15 | JPN 101, 102 and 201 |
| | 5 | 10 | JPN 101 and 102 |
| | 4 | 5 | JPN 101 |
| Modern Languages: Spanish B High-Level | 7 | 16 | SPA 101, 102, 201 and 202 |
| | 6 | 12 | SPA 101, 102 and 201 |
| | 5 | 8 | SPA 101 and 102 |
| | 4 | 4 | SPA 101 |

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|--|------------------|--------------------|---|
| Music High-Level | 7, 6 or 5 4 | 4 0 | MUS DEC* No credit |
| Philosophy Standard-Level | 7, 6, 5 or 4 | 0 | No credit |
| Philosophy High-Level | 5 or 4 | 0 | No credit |
| Physics Standard-Level | 7 or 6 5 or 4 | 4 0 | PHY 111, 113 No credit |
| Physics High-Level | 7, 6 5 | 8 4 | PHY 111, 112, 113, 114 PHY 111, 113 |
| Psychology Standard-Level | 7, 6, 5 or 4 | 3 | PSY DEC* |
| Psychology High-Level | 7, 6, 5 | 3 | PGS 101 or PSY 101 |
| Social and Cultural Anthropology Standard-Level | 7, 6 or 5 | 3 | ASB DEC* |
| Social and Cultural Anthropology High-Level | 7, 6, 5 or 4 | 3 | ASB 102 |
| Spanish B Standard-Level | any | 0 | No credit |
| Spanish B High-Level | 7 6 5 4 | 16 12 8 4 | SPA 101, 102, 201 and 202 SPA 101, 102 and 201 SPA 101 and 102 SPA 101 |
| Sports, Exercise and Health Science Standard-Level | 7, 6 or 5 | 3 | EXW 100 |
| Sports, Exercise and Health Science High-Level | 7, 6, 5 or 4 | 3 | KIN 100 or EXW 100 |
| Theory and Knowledge | 7, 6, 5 or 4 | 0 | No credit |
| Theatre Standard-Level | 7, 6, 5 or 4 | 3 | THE 100 |
| Theatre High-Level | 7, 6, 5 or 4 | 3 | THE 100 |
| Visual Arts Standard-Level | 7, 6 or 5 4 | 6 3 | ART 111 and ART DEC* ART 111 |
| Visual Arts High-Level | 7, 6 or 5 4 | 6 3 | ART 111, 112 ART 112 |
| World Religions Standard-Level | 7, 6 or 5 | 3 | REL DEC* |

** No credit is awarded if the language is the student's native language.

Cambridge International Exam

Students who have completed a Cambridge course in their secondary school and who have taken a Cambridge International AS or A level examination may receive university credit. When the scores are received by the university, credit is awarded as shown in the Cambridge International Exam table below.

*Credit awarded as a department elective will display as DEC. A DEC course is not directly equivalent to a current ASU course but could be used for graduation requirements. Students should see their advisor to determine how these courses may apply to their major.

| Examination | Score | ASU Score Translation | Credit Hours | Equivalency |
|---------------------------|-------------|-----------------------|--------------|---------------------|
| Accounting AS-Level | E or better | 1-5 | 3 | Elective credit |
| Accounting A-Level | E or better | 1-5 | 6 | Elective credit |
| Art and Design AS-Level** | E or better | 1-5 | 3 | ART DEC* |
| Art and Design A-Level** | E or better | 1-5 | 6 | ART DEC* |
| Biology AS-Level | D or better | 2-5 | 4 | BIO 100 or BIO DEC* |
| | E | 1 | 4 | BIO 100 |
| Biology A-Level | D or better | 2-5 | 8 | BIO 181, 182 |
| | E | 1 | 4 | BIO 181 |
| Business Studies AS-Level | E or better | 1-5 | 3 | Elective credit |
| Business Studies A-Level | E or better | 1-5 | 6 | Elective credit |
| Chemistry AS-Level | D or better | 2-5 | 4 | CHM 101 |
| Chemistry A-Level | A | 5 | 8 | CHM 113 and CHM 116 |
| | B or C | 4 or 3 | 4 | CHM 113 |
| | D or E | 2 or 1 | 4 | CHM 101 |
| Chinese Language AS-Level | C or better | 3-5 | 5 | CHI 101 |

| | | | | |
|-----------------------------------|-------------|--------|----|---|
| Chinese A-Level | C or better | 3-5 | 10 | CHI 101 and CHI 102 |
| Computer Science AS-Level | E or better | 1-5 | 3 | IFT 100 |
| Computer Science A-Level | E or better | 1-5 | 3 | CSE 100 or CSE 110 or IFT 100 |
| Design and Technology AS-Level | E or better | 1-5 | 0 | No credit |
| Design and Technology A-Level | E or better | 1-5 | 0 | No credit |
| Design and Textiles AS-Level | E or better | 1-5 | 3 | FSH 201 |
| Design and Textiles A-Level | E or better | 1-5 | 6 | FSH 201 and FSH DEC* |
| Digital Media and Design AS-Level | C or better | 3-5 | 3 | ART DEC* |
| Digital Media and Design A-Level | E or better | 1-5 | 3 | ART 116 |
| Drama AS-Level | C or better | 3-5 | 3 | THE 100 |
| Drama A-Level | C or better | 3-5 | 6 | THE 100 and THE DEC* |
| Economics AS-Level | E or better | 1-5 | 0 | No credit |
| Economics A-Level | D or better | 2-5 | 6 | ECN 211 and ECN 212 |
| English Language AS-Level | E or better | 1-5 | 0 | No credit |
| English Language A-Level | E or better | 1-5 | 3 | Placement into ENG 105 and elective credits (3) |
| English Literature AS-Level | E or better | 1-5 | 0 | No credit |
| English Literature A-Level | E or better | 1-5 | 3 | ENG DEC* |
| Environmental Management AS-Level | D or better | 2-5 | 4 | BIO 130 |
| Food Studies AS-Level | E or better | 1-5 | 0 | No credit |
| French Language AS-Level | C or better | 3-5 | 4 | FRE 101 |
| French Literature AS-Level | E or better | 1-5 | 0 | No credit |
| French A-Level | C or better | 3-5 | 8 | FRE 101 and FRE 102 |
| General Paper (Writing) AS-Level | E or better | 1-5 | 3 | Placement into ENG 105 and elective credits (3) |
| German Language AS-Level | C or better | 3-5 | 4 | GER 101 |
| German A-Level | C or better | 3-5 | 8 | GER 101 and GER 102 |
| | D or E | 2 or 1 | 0 | No credit |

| | | | | |
|---|-------------|-----|--------|--|
| Geography AS-Level | E or better | 1-5 | 3 | GCU DEC* |
| Geography A-Level | E or better | 1-5 | 6 | GCU 102 and GPH DEC* |
| Global Perspectives and Research AS-Level | E or better | 1-5 | 3 | Elective credit |
| Global Perspectives and Research A-Level | E or better | 1-5 | 6 | Elective credit |
| History AS-Level | E or better | 1-5 | 3 | HST DEC* |
| History A-Level | E or better | 1-5 | 6 | HST DEC* |
| Information Technology AS-Level | E or better | 1-5 | 3 | Elective credit |
| Information Technology A-Level | E or better | 1-5 | 3 | Elective credit |
| Marine Science AS-Level | E or better | 1-5 | 0 | No credit |
| Marine Science A-Level | E or better | 1-5 | 0 | No credit |
| Mathematics AS-Level | E or better | 1-5 | 3 | MAT 117 |
| Mathematics A-Level | E or better | 1-5 | 3 to 4 | MAT 170 or 171 |
| Mathematics-Further AS-Level | E or better | 1-5 | 4 | MAT 270 |
| Mathematics-Further A-Level | E or better | 1-5 | 8 | MAT 270 and MAT 271 |
| Media Studies AS-Level | E or better | 1-5 | 0 | No credit |
| Media Studies A-Level | E or better | 1-5 | 3 | FMP 201 |
| Music AS-Level | E or better | 1-5 | 3 | MUS DEC* |
| Music A-Level | E or better | 1-5 | 3 | MUS DEC* |
| Physical Science AS-Level | E or better | 1-5 | 3 | Elective credit |
| Physics AS-Level | E or better | 1-5 | 0 | No credit |
| Physics A-Level | E or better | 1-5 | 8 | PHY 111, PHY 113, PHY 112 and PHY 114 |
| Portuguese Language AS-Level | C or better | 3-5 | 4 | POR 101 |
| Portuguese A-Level | C or better | 3-5 | 8 | POR 101 and POR 102 |
| Psychology AS-Level | E or better | 1-5 | 3 | PSY 101 |
| Psychology A-Level | E or better | 1-5 | 6 | PSY 101 and PSY DEC* |
| Sociology AS-Level | E or better | 1-5 | 0 | No credit |
| Sociology A-Level | E or better | 1-5 | 0 | No credit |

| | | | | |
|---------------------------------|-------------|-----|---|----------------------|
| Spanish First Language AS-Level | C or better | 3-5 | 4 | SPA 101 |
| Spanish Language AS-Level | C or better | 3-5 | 4 | SPA 101 |
| Spanish A-Level | C or better | 3-5 | 8 | SPA 101 and SPA 102 |
| Thinking Skills AS-Level | E or better | 1-5 | 3 | Elective credit |
| Thinking Skills A-Level | E or better | 1-5 | 6 | Elective credit |
| Travel and Tourism AS-Level | E or better | 1-5 | 3 | TDM 205 |
| Travel and Tourism A-Level | E or better | 1-5 | 6 | TDM 205 and TDM DEC* |

**Credit awarded depends on the content of the course completed; students should see an advisor once admitted.

Comprehensive Examinations

A comprehensive examination is intended to permit a student to establish academic credit in a field in which the student has gained experience or competence equivalent to an established university course. Applications are given only for courses listed in the current catalog and only for courses in which a comprehensive examination can serve as a satisfactory measure of accomplishment.

A number of restrictions apply. To be eligible to apply to take a comprehensive examination to establish undergraduate course equivalence, a student must:

1. have earned not more than 60 credit hours through comprehensive, CLEP, International Baccalaureate and Advanced Placement examinations
2. have earned no credit for a duplicate course
3. have earned no credit for a course for which this course is a prerequisite

The decision on the suitability of course material for a comprehensive examination, the development of a comprehensive examination and the administration of an examination are strictly departmental functions. An application is for one course only. The student should complete an application form with the number, title and number of credit hours for the course. When completed, the application must be approved by the student's advisor and the chairperson of the department responsible for offering the course.

The student must then pay the stated fee for such examinations at cashiering services. The receipt must be taken to the departmental office.

The examination is prepared by the instructor who normally conducts the course, and it is comprehensive in nature and scope. The instructor and other experts designated by the chairperson grade the examination, using letter grades "A+", "A", "A-", "B+", "B", "B-", "C+", "C", "D" or "E". If the grade is "C" or higher, a mark of "Y" is entered on the student's permanent record; otherwise, no entry is made. Credit by examination is indicated as such on the record. The student is notified by mail of the result of the examination. In cases of failure ("D" or "E"), the student is not given an opportunity to repeat the examination.

A student pursuing a second baccalaureate degree may not receive credit by comprehensive examination, but with prior approval of the college the student may use the examination to waive a course requirement if a grade of "C" or higher is earned.

Proficiency Examinations

Proficiency examinations and auditions are given:

1. to waive a course requirement
2. to validate certain transfer credits in professional programs
3. to determine a student's ability in a field where competence is an important consideration

Detailed information may be obtained from the dean's office of the college in which the student is registered.

Source URL: https://catalog.asu.edu/credit_exam

Links:

[1] <https://webapp4.asu.edu/transfercrreditguide/app/home>

[2] https://catalog.asu.edu/credit_exam#CLEP

[3] https://catalog.asu.edu/credit_exam#AP

[4] https://catalog.asu.edu/credit_exam#DANTES

[5] https://catalog.asu.edu/credit_exam#IB

[6] https://catalog.asu.edu/credit_exam#cambridge

[7] https://catalog.asu.edu/credit_exam#COMP

[8] https://catalog.asu.edu/credit_exam#PRO

[9] https://catalog.asu.edu/test_req

[10] <https://uoeee.asu.edu/exam/clep>

[11] <https://uoeee.asu.edu/exam/dsst>

Leave of Absence (Undergraduate)

The Undergraduate Leave of Absence (LOA) policy assists and encourages undergraduate degree-seeking students to return and graduate after an absence due to military deployment, service on an official church mission or with a foreign aid service of the Federal government, or a permanent disability. If your absence is for any other reason, you may be eligible to return to ASU through Quick Re-entry [1], which permits undergraduate students to enroll without submitting a new application or application fee if they previously attended ASU but have not enrolled at ASU for up to seven consecutive fall or spring semesters.

Eligibility Requirements

To be eligible for an Undergraduate LOA, students must be eligible to register for classes and meet the following criteria:

1. Be a degree-seeking undergraduate student.
2. Be registered during the semester immediately prior to the beginning of the LOA.
 - Students who were admitted as new first semester freshmen or transfer students but did not attend will not be eligible for an LOA. Instead, they should contact the Undergraduate Admissions office.
 - Students who were readmitted but did not attend will not be eligible for an LOA. Instead, they should contact the Undergraduate Admissions office.
 - Students who are participating in an ASU-sponsored study abroad program need not apply for an LOA.
3. Be in academic good standing, warning, probation, or continuing probation with their college.
4. Have no hold (e.g., disciplinary, financial, testing, etc.) which would restrict registration. Note: Students with financial holds may be given consideration for an LOA if authorized by the Collections Office [2].
5. Have submitted any outstanding high school and/or transfer transcripts, if prior admission/readmission and continued enrollment was contingent upon receipt of those transcripts.

Download the Undergraduate Leave of Absence Request [3] form

Leave of Absence FAQ's

Information for students returning from a Leave of Absence.

Q. My LOA is about to expire; what do I do now?

A. View your registration date as well as any current registration holds and "To Do" list items on My ASU [4]. Schedule an appointment with your advisor to discuss course selection. Submit transcripts for coursework you completed during your LOA.

Q. How will the university inform me regarding upcoming enrollment, deadlines and holds that may occur while on I'm on an LOA?

A. We recommend checking your My ASU [4] page often during your LOA so that you may stay informed about registration dates, financial aid and tuition deadlines and advising holds that may occur prior to the end of your leave.

Q. If I qualify for an LOA, does this defer my scholarship?

A. No. In order to request a deferment of your scholarship, you will need to complete the Scholarship Deferment Application [5] found on the Scholarship website. To have your scholarship reinstated after the deferment period, you will need to complete the Scholarship Reinstatement Request [6] form.

Q. Can I come back earlier than what my original LOA was processed for?

A. Yes. If you wish to return to ASU prior to the end of your scheduled leave you will need to contact University Registrar Services at 480-965-3124 so that your return may be updated immediately to maximize enrollment opportunities and meet any college, financial aid, etc. deadlines.

Q. Can I request an extension of my LOA?

A. Yes. If you are unable to return to ASU by the term you initially identified, then you may request an extension through the college of your major. To extend your LOA, please complete the LOA form [7] and submit to your college for approval.

Q. Am I able to view my unofficial transcripts?

A. Yes. Student can view their unofficial transcripts through their My ASU [4] page.

Q. Will my loans be deferred while on an LOA?

A. No. In order to defer loans, students must be currently enrolled. While the LOA keeps student records up to date, it does not allow for deferment. Please contact your lender for more information.

Q. Can I attend another institution while on an LOA?

A. Yes. Once all coursework is complete and graded, please request official transcripts to be sent directly from the transfer institution to ASU at the following address:

Arizona State University
PO Box 870112
Tempe, AZ 85287-0112

Registration and Tuition Payment Guide [8]

Enrollment Request Forms [9]

Contact University Registrar Services [10]

Source URL: <https://students.asu.edu/leave-absence>

Links:

[1] <https://admission.asu.edu/undergrad/readmission>

[2] <https://students.asu.edu/tuitionandbillingcontact>

[3] https://students.asu.edu/sites/default/files/undergraduate_leave_of_absence_request_2.11.2020.pdf

[4] <http://my.asu.edu/>

[5] <https://students.asu.edu/forms/scholarship-deferment-application>

[6] <https://students.asu.edu/forms/scholarship-reinstatement>

[7] <https://students.asu.edu/forms/leave-absence-undergraduate>

[8] <https://students.asu.edu/registration-and-tuition-payment-guide>

[9] <https://students.asu.edu/forms/registration>

[10] <https://students.asu.edu/contact/office-university-registrar>

Minors and Undergraduate Certificates

To declare a minor or pursue a certificate, please consult your academic advisor and an advisor in the unit offering the minor for more information. Search minors and certificates [1].

Minors

A minor is an approved, coherent concentration of academic study in a single discipline, involving substantially fewer hours of credit than a corresponding major. Most ASU colleges offer undergraduate minors in addition to majors.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added.

Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor. Students should contact their academic advisor for more information.

Undergraduate Certificates

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Source URL: <https://catalog.asu.edu/minors>

Links:

[1] <https://webapp4.asu.edu/programs/t5/MinorsCertificates/undergrad/true>

Placement and Testing Requirements

English Placement

All new, transfer or readmitted undergraduate students who plan to enroll for seven or more credit hours must meet one of the following testing requirements. Students who fail to meet at least one of these requirements are not allowed to register for any course the following semester:

- Take the ACT English or SAT verbal examination, and have scores submitted to ASU.

- Receive a score of four or five for the Advanced Placement examination in English offered by the College Entrance Examination Board, and have scores submitted to ASU.
- Take the CLEP general examination in College Composition, earning a score that qualifies for equivalency with ENG 101 or placement into ENG 105, and have scores submitted to ASU.
- Have previously taken ENG 101, ENG 102, ENG 105, ENG 107 or ENG 108 at ASU; or have previously earned a grade of "Y"; or be enrolled currently in WAC 101 or WAC 107 at ASU.
- Transfer a course equivalent to ENG 101, ENG 102, ENG 105, ENG 107 or ENG 108 with a grade of "C" (2.00) or higher. An official transcript showing the grade must be received at ASU. If a student transfers an equivalent composition course from a public Arizona community college or university or an articulated equivalent course from another institution, the equivalency is automatically posted and the student need not take further action. A student transferring a nonarticulated composition course from any other college or university may be required to submit documentation to determine equivalency of the courses. After consultation with an advisor, if evaluation is necessary, the student should submit a request for evaluation through the ASU Transfer Guide [1].

Also:

- An international student whose native language is not English must take ENG 107 (or WAC 107 followed by ENG 107 the second semester) in the first semester at ASU unless an equivalent composition course from a college or university in the U.S. was taken and transferred. Such a course must be evaluated for equivalency through the ASU Transfer Guide [1].

Admitted ASU students who have not sent official ACT or SAT scores to ASU may need to take the WritePlacer section of the ACCUPLACER placement test [2] for placement into a first-year English composition course.

Math Placement

ASU requires all incoming freshmen to complete the ASU mathematics placement test [3] for mathematics prior to orientation in order to determine the appropriate math course for enrollment.

Source URL: https://catalog.asu.edu/test_req

Links:

[1] <https://webapp4.asu.edu/transfercreditguide/app/home>

[2] <https://uoeee.asu.edu/exam/accuplacer>

[3] <https://students.asu.edu/math>

Retention and Academic Standards

Class Standing

A student's class standing is determined by the number of credit hours earned, as shown in the table below.

| Student | Credit Hours Earned |
|-----------|---------------------------------|
| Freshman | 24 or fewer credit hours earned |
| Sophomore | 25 to 55 credit hours earned |
| Junior | 56 to 86 credit hours earned |

| | |
|----------|---|
| Senior | 87 or more credit hours earned |
| Graduate | bachelor's degree from accredited institution |

Academic Good Standing

For the purpose of retention, university academic good standing [1] for degree-seeking students is defined as maintaining a minimum cumulative GPA of 2.00. This standard is in effect for all students, regardless of catalog year, beginning in fall 2013.

An ASU student who does not achieve the minimum GPA standard at the completion of the first term of study will receive an academic warning [2]. If after one term with an academic warning a student still does not achieve the minimum GPA standard, the student will be placed on probation for at least one additional term. If a student's minimum GPA first falls below the standard in a term that is not the student's first term at ASU, the student will be placed on probation. Failure to return to good academic standing after being placed on probation may result in disqualification.

A student with an academic warning or on academic probation is considered in conditional good standing and is permitted to enroll.

Whether a student's status is an academic warning or probation, the student must meet with an academic success specialist to discuss academic success strategies for the subsequent semester and develop a success plan for returning to university academic good standing. At the discretion of the student's college or school, that plan may require successful completion of UNI 220 Academic Refresher.

Dean's List

Undergraduate students are eligible for the Dean's List if they earn 12 or more graded credit hours ("A+", "A", "A-", "B+", "B", "B-", "C+", "C", "D" or "E") during a semester in residence at ASU with a GPA of 3.50 or higher. A notation regarding Dean's List achievement appears on the unofficial transcript.

Satisfactory Academic Progress

The university is required to publish and enforce standards of satisfactory academic progress for certain students (e.g., student athletes, students receiving financial aid and students receiving veterans benefits).

Certification of satisfactory progress for student athletes is verified by the academic advisor and the dean's designee for certifying satisfactory progress. Certification of satisfactory progress [3] for students receiving financial aid or veterans benefits is verified by the Financial Aid and Scholarship Services office or the Office for Veteran and Military Academic Engagement, respectively. Students should contact their advisors or the appropriate office for additional information on satisfactory progress requirements.

Probation

A student's college assumes responsibility for enforcing academic standards and may place on university academic probation [4] any student who has failed to maintain good standing as previously defined. For purposes of probation and retention, an individual college may set higher GPA standards. A student on academic probation is required to observe any rules or limitations the college may impose as a condition for retention, including college-established policies regarding continuing probation.

Co-enrolled Continuing Probation Program

Select disqualified students may participate in the Co-enrolled Continuing Probation program at the discretion of their college or school. Under this program, the student takes UNI 220 Academic Refresher plus one ASU course selected by the student's advisor. The student co-enrolls at a Maricopa County Community College with a schedule selected in consultation with the ASU advisor. Upon completion of the term, students with a combined semester cumulative GPA of 2.50 may continue regular enrollment at ASU. Parameters regarding the number of co-enrolled hours required are at the discretion of each college or school.

Disqualification

A student who is placed on probation at the end of a semester is subject to disqualification [5] by the college or school at the end of the following semester if the conditions imposed for retention are not met.

Disqualification is exercised at the discretion of the college or school. A student is notified of disqualification by the dean of the college and is not allowed to register in a fall or spring semester at the university. If the student has already registered for a future fall or spring semester, the registration is canceled. A disqualified student who has not already been absent for a semester may contact the college advisor to see if reinstatement is possible. A disqualified student may not attend as a nondegree student. If a disqualified student elects to attend another university or two-year college, any credits earned there will not affect the ASU cumulative GPA. A course repeated elsewhere will not result in a replacement of a grade earned at ASU. Disqualified students must consult with an academic advisor to determine eligibility to attend ASU in the summer session, to raise the ASU cumulative GPA.

Select disqualified students may participate in the Co-enrolled Continuing Probation Program. Information about this is available in the Glossary of Academic Terms, at Probation [4].

Readmission

Students not eligible for Quick Re-entry [6] (i.e., because they have not been enrolled at ASU for seven or more semesters, completed their academic program or were academically disqualified) must apply for readmission and submit applicable fees.

Candidates for readmission who are not in academic good standing are subject to college review.

A disqualified student who has not already been absent for a semester may contact the college advisor to see if reinstatement is possible.

Academic Integrity

All students should be familiar with ASU's Academic Integrity policy. More information about Academic Integrity at ASU is available here: <https://provost.asu.edu/academic-integrity> [7].

Source URL: https://catalog.asu.edu/retention_standing

Links:

[1] <https://catalog.asu.edu/glossary#goodstanding>

[2] <https://catalog.asu.edu/glossary#warning>

[3] <https://catalog.asu.edu/glossary#progress>

[4] <https://catalog.asu.edu/glossary#probation>

[5] <https://catalog.asu.edu/glossary#disqualified>

[6] <https://catalog.asu.edu/glossary#quickreentry>

[7] <https://provost.asu.edu/academic-integrity>

University Undergraduate General Studies Requirement

A baccalaureate education should prepare students for a particular profession or advanced study and for constructive and satisfying personal, social and civic lives as well. In addition to depth of knowledge in a particular academic or professional discipline, students should also be broadly educated, including knowledge of transdisciplinary solutions to address interdependent economic, environmental and social challenges, and develop the general intellectual skills they need to continue learning throughout their lives. Thus, the General Studies requirement complements the undergraduate major by helping students gain mastery of critical learning skills, investigate the traditional branches of knowledge and develop the broad perspective that frees one to appreciate diversity and change across time, culture and national boundaries.

Critical learning skills include proficiency in the use of language, mathematics and quantitative methods as tools for acquiring, renewing, creating and communicating knowledge. A broad education includes an understanding of the methods and concerns of traditional branches of knowledge — the arts and humanities, the social sciences and the natural sciences. Developing perspective requires historical, global and cross-cultural examination of knowledge of all kinds.

The General Studies requirement is composed of courses in five core areas and three awareness areas. The courses are approved by the General Studies Council and are noted in the course catalog [1] for each academic term. General Studies courses are regularly reviewed and are occasionally added to and deleted from the list. Students should always consult the course catalog [1] each semester to see which courses currently meet the General Studies requirement.

A student receives the General Studies credit that a course carries during the semester in which the course is taken.

Five Core Areas (General Studies)

L: Literacy and Critical Inquiry (three credit hours)

Literacy is competence in written and oral discourse. Critical inquiry is the gathering, interpretation and evaluation of evidence. The literacy and critical inquiry requirement helps students sustain and extend their ability to reason critically and communicate clearly through language.

Students must complete three credit hours from courses designated as L. Students must have completed ENG 101, ENG 105 or ENG 107 to take an L course.

The three credit hours required to meet the General Studies L requirement are in addition to the university-level upper-division L requirement. See university graduation requirements [2] for more information.

MA and CS: Mathematical Studies (combined six credit hours)

This core area has two categories. Mathematics (MA) is the acquisition of essential skills in basic mathematics. Computer/statistics/quantitative applications (CS) applies mathematical reasoning and requires students to complete a course in either the use of statistics/quantitative analysis or the use of a computer to assist in serious analytical math work.

This requirement has two parts: At least three credit hours must be selected from courses designated MA and at least three credit hours must be selected from courses designated CS, and all students are expected to fulfill the MA requirement by the time they accumulate 30 hours of credit in residence at ASU. Any student who has more than 30 hours of resident ASU credit and has not fulfilled the MA requirement must enroll in an MA course or an appropriate prerequisite and continue to do so every semester until the mathematics requirement is met. College officers may grant waivers to the immediate and continual enrollment requirement only when there are scheduling conflicts detrimental to the student's academic progress.

HU: Humanities, Arts and Design and

SB: Social-Behavioral Sciences (combined 12 credit hours)

The study of the humanities and the disciplines of art and design deepen awareness of the complexities of the human condition and its diverse histories and cultures. Courses in the humanities are devoted to the productions of human thought and imagination, particularly in philosophical, historical, religious and artistic traditions. Courses with an emphasis in arts and design comprise the study of aesthetic experiences and the processes of artistic creation. They may also feature a design emphasis in which material culture is studied as a product of human thought and imagination.

The social-behavioral sciences provide scientific methods of inquiry and empirical knowledge about human behavior, within society and individually. The forms of study may be cultural, economic, geographic, historical, linguistic, political, psychological or social. The courses in this area address the challenge of understanding the diverse natures of individuals and cultural groups who live together in a world of diminishing economic, linguistic, military, political and social distance.

Twelve credit hours must be completed in the following two core areas: humanities, arts and design (HU) and social-behavioral sciences (SB). At least six credit hours must be taken in one of these two core areas.

The 12 credit hours required to meet the General Studies HU/SB requirement are in addition to the university-level upper-division HU/SB requirement. Students should see university graduation requirements [2] for more information.

SQ and SG: Natural Sciences (combined eight credit hours)

The natural sciences help students appreciate the scope and limitations of science and its contributions to society. Natural science areas of study include anthropology, astronomy, biology, biochemistry, chemistry, experimental psychology, geology, microbiology, physical geography, physics and plant biology. Knowledge of the methods of scientific inquiry and mastery of basic scientific principles and concepts are stressed, specifically in those that relate to matter and energy in living and nonliving systems. Firsthand exposure to scientific phenomena in the laboratory is important for developing and understanding the concepts, principles and vocabulary of science.

General Studies courses that satisfy the natural science requirement are given one of two classifications: quantitative (SQ) and general (SG).

- quantitative (SQ): These laboratory courses include a substantial introduction to the fundamental behavior of matter and energy in physical and biological systems.
- general (SG): These laboratory courses cover aspects of scientific inquiry that lend themselves to more qualitative or descriptive discussions of science.

Eight credit hours of courses designated SQ or SG must be selected. Of these, at least four credit hours must be taken from the SQ category.

Three Awareness Areas (General Studies)

Students must complete courses that satisfy three awareness areas. Courses that are listed for a core area and one or more awareness areas may satisfy requirements concurrently, up to a maximum of two of the awareness areas listed for that course. These awareness areas promote appreciation of cultural diversity within the contemporary U.S., the development of an international perspective and an understanding of current human events through study of the past.

1. Cultural Diversity in the United States (C)

The objective of the cultural diversity (C) requirement is to promote awareness and appreciation of cultural diversity within the contemporary U.S. This is accomplished through the study of the cultural, social or scientific contributions of women and minority groups, examination of their experiences in the U.S., or exploration of successful or unsuccessful interactions between and among cultural groups. Awareness of cultural diversity and its multiple sources can illuminate the collective past, present and future and also help students achieve greater mutual understanding and respect.

2. Global Awareness (G)

The objective of the global awareness (G) requirement is to help students recognize the need for an understanding of the values, elements and social processes of cultures other than those of the U.S. The global awareness area includes courses that recognize other contemporary cultures and the relationship of the American cultural system to generic human goals and welfare.

3. Historical Awareness (H)

The objective of the historical awareness (H) requirement is to help students develop knowledge of the past, which can be useful in shaping the present and future. History is present in languages, art, music, literature, philosophy, religion and the natural sciences as well as in the social science traditionally called history.

Meeting the General Studies Requirement

All students enrolled in a baccalaureate degree program must complete successfully a minimum of 29 credit hours of approved General Studies courses. Many General Studies courses are approved as satisfying more than one requirement. The following conditions govern the application of courses toward the General Studies requirement:

- A single course may be used to satisfy one core area and a maximum of two awareness area requirements.
- A single course may be used to satisfy a maximum of two awareness area requirements.
- A single course cannot be used to satisfy two core area requirements, even if it is approved for more than one core area.

There is no limit to the number of advanced placement or College-Level Examination Program credits that can be used to meet the General Studies requirement; students should see credit by examination [3]. However, CLEP credits do not satisfy the natural sciences (SQ and SG) and literacy and critical inquiry (L) portions of the General Studies requirement.

In July 2019, the Arizona Board of Regents approved Policy 2-210 General Education [4], calling for a restructuring of general education programs. Faculty at ASU are developing a thematic approach to general education. The program is organized around 4 key competencies, reflective of ASU:

1. **Inquiry:** The ability to critically think, analyze and evaluate data or evidence in an ethical, systematic manner to determine the strength of an argument or conclusion.
2. **Collaboration:** The ability to listen to diverse views, to empathize with others' perspectives, to seek to understand others, and to effectively disagree through civil discourse. Additionally, collaboration entails the ability to successfully communicate knowledge and points of views while respecting others.
3. **Innovation:** The ability to innovate requires convergent and divergent thinking across multiple disciplines by pushing boundaries in one's discoveries, creations, oral or written communication, philosophical thinking, or systematic inquiries.
4. **Engagement:** The ability to engage diverse people, cultivate cultural understanding, promote civil discourse, understand American institutions, build inclusive networks, and direct democratic capital in pursuit of complex goals. Engagement is the foundation for applying academic knowledge to effective leadership at a local, national and global level.

Students will take courses from a controlled and curated selection, including studies in:

- literature, fine arts and humanities
- social and behavioral sciences
- American institutions (including economic theory and U.S. history)
- natural sciences
- composition, communication and rhetoric
- mathematics and quantitative reasoning

Embedded in the core competencies of inquiry, collaboration, innovation and engagement are topics and skills related to ethics, civility, diversity and inclusion, and the challenges of sustainability.

Transfer Credit

Completion of ASU's lower-division General Studies and composition requirements will be awarded to any transfer student who has completed the General Studies and composition requirements at another domestic university as certified through completion of the AGECE from an Arizona community college or IGETC/CSUGE for California public community colleges, or the completion of an associate of arts degree at any regionally accredited community college or university in the United States. These students are still required to fulfill lower-division program requirements and prerequisites within their college and major and minor areas of study. Additionally, students must still take six upper-division credit hours (three for L and three for SB or HU) to complete the ASU university-level graduation requirements. If students transfer from Arizona community colleges without completing the AGECE or from other accredited postsecondary institutions, they receive credit for General Studies based on course-by-course equivalency. Students should see the Arizona General Education Curriculum [5] page.

University Requirements

In addition to the 29 credit hours of lower-division general education coursework, university graduation requirements [2] also require students to take six additional upper-division credit hours. Three hours with a Literacy (L) designation are required to be chosen from approved upper-division courses, preferably in the major. Three hours with either a humanities, arts and design (HU) or social-behavioral sciences (SB) designation should also be chosen from approved upper-division courses, preferably in the major.

College or School and Major Requirements

In addition to the General Studies requirement, students must also complete college or school and major requirements. Students are encouraged to work with their academic advisors to develop a program of study that efficiently meets all graduation requirements. A well-planned program should enable a student to satisfy concurrently requirements at the university, college or school levels and within their major.

Source URL: https://catalog.asu.edu/ug_gsr

Links:

[1] <https://webapp4.asu.edu/catalog/>

[2] <https://catalog.asu.edu/undergraduatereq>

[3] https://catalog.asu.edu/credit_exam#CLEP

[4] <https://public.azregents.edu/Policy%20Manual/2-210%20General%20Education.pdf>

[5] <https://catalog.asu.edu/agec>

University Undergraduate Graduation Requirements

All students enrolled in a baccalaureate degree program must fulfill the following university requirements to graduate.

Credit Requirements

A minimum of 120 credit hours is required for graduation with a baccalaureate degree; at least 45 credit hours must be in upper-division courses. Some programs may require more than 120 credit hours and 45 upper-division credit hours for graduation; students should check the program's major map for graduation requirements.

No more than 60 credit hours earned in independent learning courses or earned by comprehensive examination (including Advanced Placement, College-Level Examination Program, DANTES Subject Standardized Test, Cambridge International

Exam and International Baccalaureate diploma/certificate exams) are accepted for credit toward the baccalaureate degree.

Grade Point Requirement

A minimum cumulative grade point average of 2.00 for all courses taken at ASU is required to graduate with a baccalaureate degree. Some programs may require a cumulative GPA higher than 2.00; students should refer to the specific program's major map for graduation requirements.

General Studies Requirement

All students enrolled in a baccalaureate degree program must satisfy the university requirement of a minimum of 29 credit hours of approved General Studies coursework. Students should refer to the General Studies [1] page for more information.

Students transferring from Arizona community colleges with a certified completion of the appropriate Arizona General Education Curriculum will have satisfied all lower-division General Studies requirements of the baccalaureate degree with which the AGECE articulates. Completion of ASU's lower-division General Studies and composition requirements also will be awarded to any transfer student who has completed the IGETC/CSUGE for California public community colleges or an associate of arts degree at any regionally accredited community college or university in the United States. For more details regarding the different versions of AGECE, students should refer to <https://aztransfer.com/> [2].

In addition to 29 credit hours of General Studies coursework, students must complete an additional six upper-division credit hours, preferably chosen from within the major, comprised of three credit hours of literacy (L) and three credit hours of humanities, arts and design (HU)/social-behavioral sciences (SB).

Mathematics Requirement

All undergraduate degree-seeking students are expected to fulfill the university's mathematics requirement by the time they have accumulated 30 hours of credit in residence at ASU. Any student who has more than 30 credit hours and has not fulfilled the mathematics requirement must enroll in a mathematics course or an appropriate prerequisite course and continue to do so every semester until the mathematics requirement is met. A waiver may be granted for continuous enrollment if there are scheduling conflicts detrimental to the student's academic progress. Students should also see the Math Intensive Programs: Required Course Policy [3].

First-Year Composition Requirement

Completion of both ENG 101 and ENG 102 or ENG 105 with a grade of "C" (2.00) or higher is required for graduation from ASU in any baccalaureate program. A student whose native language is not English may meet the first-year composition requirement by completing ENG 107 and 108 with a grade of "C" (2.00) or higher. Students who are required to take first-year composition must enroll in their first required composition course within the first year and continue to enroll in required composition courses every term until composition requirements are met.

Transfer Credit

Composition courses transferred from other post-secondary institutions may require evaluation. After consultation with an advisor, if evaluation is necessary, the student should submit a request for evaluation through the ASU Transfer Guide [4]. The process should be completed upon transfer of coursework to ASU so the student is able to enroll in additional courses if required to do so. Students who are required to take first-year composition must enroll in their first required composition course within the first year and continue to enroll in required composition courses every term until composition requirements are met.

Resident Credit Requirement

Resident credit refers to a course that is offered in a regular semester, winter session (prior to 2011-2012), intersession or summer session. Credit earned through comprehensive examinations is also included when calculating ASU resident hours. Credit earned through independent learning, Advanced Placement testing, the College-Level Examination Program or an International Baccalaureate diploma or certificate are excluded when calculating ASU resident hours.

Every candidate for the baccalaureate degree is required to earn a minimum of 30 credit hours in resident-credit courses at ASU.

Guidelines for Determination of Catalog Year

The ASU Academic Catalog is published annually. Department, school, division, college and university requirements are upgraded often, and may change. In determining graduation requirements, an undergraduate student will use only one edition of the catalog but may elect to follow any subsequent catalog edition under which the student attends. Students may not use an edition of the catalog that was in effect before their high school graduation or completion of GED. Students maintaining continuous enrollment at any Arizona community college or public university may graduate according to the requirements of the catalog in effect at the time of initial enrollment following high school graduation or completion of a GED or according to the requirements of any single catalog in effect during subsequent terms of continuous enrollment. Students may maintain continuous enrollment while pursuing their degrees, whether attending a single Arizona community college or public university or transferring among public institutions in Arizona. Students transferring among Arizona public higher education institutions must meet all requirements of the degree-granting institution: admission, residency, curricular and academic.

1. A semester in which a student earns course credit is counted toward continuous enrollment. Noncredit courses, audited courses, failed courses and courses from which the student withdraws do not count toward the determination of continuous enrollment for catalog purposes (examples A and B in the continuous enrollment table below).
2. Students who do not meet the minimum enrollment standard stipulated above during three consecutive semesters (fall/spring/fall or spring/fall/spring) and the intervening summer term at any Arizona community college or public university are no longer considered continuously enrolled. These students must meet requirements of the Arizona community college or public university catalog in effect at the time they are readmitted or of any single catalog in effect during subsequent terms of continuous enrollment after readmission (examples C and D in the continuous enrollment table below). Students are not obligated to enroll and earn course credit during summer terms, but summer enrollment may be used to maintain continuous enrollment status.
3. Students admitted or readmitted to an Arizona community college or public university during a summer term must follow the requirements of the catalog in effect for the following fall semester or of any single catalog in effect during subsequent terms of continuous enrollment (example E in the continuous enrollment table below).
4. In areas of study in which the subject matter changes rapidly, material in courses taken long before graduation may become obsolete or irrelevant.
5. Coursework that is more than eight years old is applicable to completion of degree requirements at the discretion of the department of the student's major. Departments may accept or reject such coursework or request that the student revalidate the substance of the coursework. The eight-year limit on coursework applies except when program accreditation agencies limit the life of coursework to fewer than eight years. Departments also may require students to satisfy current major requirements rather than major requirements stated in earlier catalogs when completing earlier requirements is no longer possible or educationally sound.
6. Enrollment by Arizona community college students in nontransferable courses still constitutes enrollment for purposes of determining whether the student has been continuously enrolled. For example, if a student takes two semesters of cooperative education classes that are not transferable to the university but constitute continuous enrollment at the community college, the university should consider it continuous enrollment.
7. Exceptions made by an institution apply only to the institution that made the exception. For example, if the community college departments accepted credit that was more than eight years old, the university department to which the student transfers might not; the university department has the right and the obligation to reevaluate any credit more than eight years old.

Inquiries about these guidelines may be directed to the student's academic advisor.

| Continuous Enrollment | | |
|---|---|--|
| Student's Activity | Semester/Year | Status |
| Example A | | |
| Admitted and earned course credit at an Arizona community college | Fall 2019 | Active |
| Continued at an Arizona community college | Spring 2020 Fall 2020 | Active |
| Transferred to an Arizona university | Spring 2021 | Student enrolled under 2019–2020 or any subsequent catalog |
| Example B | | |
| Admitted and earned course credit at an Arizona community college | Fall 2015 | Active |
| Enrolled but earned all “W”s or “E”s (0.00) | Spring 2016 | Inactive |
| Enrolled in audit courses only | Fall 2016 | Inactive |
| Nonattendance | Spring 2017 | Inactive |
| Transferred to an Arizona university | Fall 2018 | Student enrolled under 2018–2019 or any subsequent catalog |
| Example C | | |
| Admitted and earned course credit at an Arizona community college | Fall 2013 | Active |
| Nonattendance | Spring 2014 Fall 2014 Spring 2015 | Inactive |
| Readmitted and earned course credit at an Arizona community college | Fall 2015 | Active |

| | | |
|---|--------------------------|--|
| Transferred to an Arizona university | Spring 2016 | Student enrolled under 2015–2016 or any subsequent catalog |
| Example D | | |
| Admitted and earned course credit at an Arizona community college | Fall 2018 | Active |
| Nonattendance | Spring 2019 | Inactive |
| Readmitted and earned course credit at an Arizona community college | Summer 2019 | Active |
| Nonattendance | Fall 2019 Spring 2020 | Inactive |
| Transferred to an Arizona university | Fall 2020 | Student enrolled under 2018–2019 or any subsequent catalog |
| Example E | | |
| Admitted and earned course credit at an Arizona community college | Summer 2017 | Active |
| Continued at an Arizona community college | Fall 2018 Spring 2019 | Active |
| Nonattendance | Fall 2019 | Inactive |
| Readmitted and earned course credit at an Arizona community college | Spring 2020 | Active |
| Transferred to an Arizona university | Summer 2020 | Student enrolled under 2017–2018 or any subsequent catalog |
| Example F | | |
| Admitted and earned course credit at an Arizona university | Summer 2014 | Active |
| Nonattendance | Fall 2014 | Inactive |
| Nonattendance | Spring 2014 | Inactive |
| Readmitted and earned course credit at an Arizona university | Fall 2015 | Active |

Application for Graduation

For information on how to apply for graduation and deadline dates, students should visit:
<https://students.asu.edu/graduation> [5].

Petition for Variance from Degree

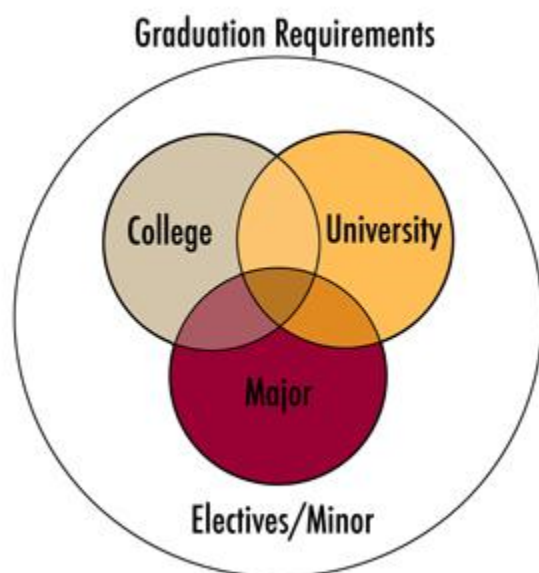
Any student wishing to have a college or university degree requirement variance must petition the standards committee of the college in which the student is enrolled. All petitions must originate with the student's advisor.

The University Undergraduate Standards Committee advises the Office of the University Provost regarding undergraduate student petitions that concern university-wide academic requirements. These requirements include but are not limited to requirements on the amount of transfer credit, graduation requirements, limits on credit by examination and requirements for a second baccalaureate degree. To petition for a variance from such university requirements, the University Undergraduate Standards Committee petition [6] is used. Most petitions heard by the University Undergraduate Standards Committee start at the college level and are forwarded for final review and decision to the university-level committee.

Overview of Graduation Requirements

At ASU, students take classes that fulfill four types of requirements. As illustrated in the graduation requirements diagram below, some courses can fulfill two or more types of requirements but other courses fulfill only one requirement. The total credit hours needed to graduate are represented by the largest circle. The university minimum is 120 credit hours. Some majors, however, require more than 120 credit hours.

Although the three shaded circles in the illustration below are equal in size and the white circle is larger than all three, the total number of credit hours for each type of requirement may vary.



University Requirements

The yellow circle represents university requirements. The General Studies requirement and first-year composition requirement are among these requirements.

College Requirements

The gray circle represents college requirements. Some colleges and schools such as The College of Liberal Arts and Science have additional requirements.

Major

The red circle represents the requirements of the major. The credit hours required for a major may be as low as 30 hours or as high as 65 hours.

Electives/Minor/Certificate

The white circle represents electives and the requirements of a minor or certificate. A minor typically adds an additional 18 to 25 credit hours of coursework. Although every student eventually must declare a major, minor and certificates are not required. Some courses, while providing credit hours toward graduation, fall outside the shaded circles and are not required in a program for graduation. These courses are electives. Some majors leave no room for electives within the minimum 120 credit hours required to graduate.

Other Requirements

The separate units of ASU — such as colleges, schools and departments — have specific requirements for graduation that must be satisfied for a baccalaureate degree. Students are encouraged to consult with an academic advisor in planning a program to ensure it meets the various requirements. A well-planned program may enable a student to concurrently satisfy a portion of the General Studies requirement together with a portion of a college or major requirement.

Graduation with Academic Recognition

An undergraduate student must have completed at least 56 hours of resident credit at ASU to qualify for graduation with academic recognition for a baccalaureate degree. Note: West campus students following a catalog year prior to fall 2007 are required to have completed at least 50 hours of resident credit at ASU.

The cumulative GPA determines the designation, as shown in the academic recognition table below.

Academic Recognition

| Cumulative GPA | Designation |
|----------------|-----------------|
| 3.40–3.59 | cum laude |
| 3.60–3.79 | magna cum laude |
| 3.80–4.00 | summa cum laude |

The cumulative GPA for these designations is based on ASU resident coursework only. For example, ASU independent learning course grades are not calculated in the honors GPA. All designations of graduation with academic recognition are

indicated on the diploma and the ASU transcript. Graduation with academic recognition applies only to undergraduate degrees.

A student who has a baccalaureate degree from ASU and is pursuing a second baccalaureate degree at ASU (with a minimum of 30 hours of resident credit) is granted academic recognition on the second degree based on the credit hours earned subsequent to the posting of the first degree. If fewer than 56 credit hours are completed at ASU subsequent to completion of the first ASU degree, the level of academic recognition can be no higher than that obtained on the first degree. If 56 or more credit hours are completed at ASU after completion of the first ASU degree, the level of academic recognition is based on the GPA earned for the second ASU degree. Inquiries about graduation with academic recognition may be directed to the graduation office at 480-965-3256.

Additional Degrees

Second Baccalaureate Degree

The student seeking a second baccalaureate degree must meet admission criteria for that degree. After conferral of the first degree, a minimum of 30 credit hours in resident credit courses at ASU must be successfully completed to earn the second baccalaureate degree. The student must meet all degree and university requirements of the second degree. Students who wish to use courses taken while in graduate nondegree status toward a second bachelor's degree may have up to 15 credit hours applied toward this degree.

Concurrent Degrees

More than one baccalaureate degree may be pursued concurrently if prior approval is given by the standards committees of the colleges offering the degrees. Students may receive concurrent degrees if they meet the minimum requirements for both degrees. For additional information, students are asked to review the glossary description found here [7].

eAdvisor and Critical Requirements

eAdvisor [8] ensures that students get off to a good start and stay on track toward graduation by helping them find a major that fits their talents and career goals and then monitors progress. Students use eAdvisor to do the following:

1. Learn more about graduation requirements for their major.
2. Discern the critical courses and grades that are required to stay on track to successfully complete their degree.
3. Plan for and schedule appropriate courses in the correct sequence to maximize success.
4. Monitor progress toward their degree.
5. Find out how courses may fit into other majors if they decide to change majors.

Through eAdvisor, students follow a major map that outlines the critical requirements and optimal eight-semester plan. If students do not meet the critical requirements, an advising hold may be placed on the students' records, and an advising session is required before future registration activities can take place. When students do not meet the critical requirements for two consecutive semesters, they are considered off track and may be advised to change majors.

Critical requirements are identified by the faculty and academic units as predictors of success in a major. To ensure students are able to enroll in critical courses, ASU academic units coordinate to offer sufficient seats to meet demand. Specific class schedules (days and times) are not guaranteed.

Math-Intensive Programs: Required Course Policy

ASU undergraduate degree programs are categorized in the area of math intensity [9] as either general, moderate or substantial based on the number and type of required math courses. Students enrolled in a degree program categorized as substantial in math intensity who receive a failing grade of "E" twice in the same required math course may be required to change their major to a major categorized as general or moderate. This policy is applicable even if the required math course is not marked as critical through the eAdvisor Tracking Tool.

Source URL: https://catalog.asu.edu/ug_grad_req

Links:

[1] https://catalog.asu.edu/ug_gsr

[2] <https://aztransfer.com/>

[3] <https://catalog.asu.edu/undergraduatereq#mathintensity>

[4] <https://webapp4.asu.edu/transfercreditguide/app/home>

[5] <https://students.asu.edu/graduation>

[6] <https://provost.asu.edu/committees/university-undergraduate-standards-committee>

[7] <https://catalog.asu.edu/glossary#concurrent>

[8] <https://eadvisor.asu.edu/>

[9] <https://catalog.asu.edu/mathintensity>

graduate policies and procedures



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Introduction

The Graduate College admits students into programs leading to both professional and research-oriented advanced degrees and certificates beyond the bachelor's degree. The master's and doctoral degrees are awarded to students completing programs that culminate in research and creative endeavors. The doctoral degree is the highest university award, conferred on candidates who have proven their ability as scholars and original researchers.

Academic Integrity

The highest standards of [academic integrity](#) and compliance with the university's [Student Code of Conduct](#) are expected of all graduate students in academic coursework and research activities. The failure of any graduate student to uphold these standards may result in serious consequences including suspension or expulsion from the university and/or other sanctions as specified in the academic integrity policies of individual colleges as well as the university.

Violations of academic integrity include, but are not limited to: cheating, fabrication of data, tampering, plagiarism, or aiding and/or facilitating such activities. At the graduate level, it is expected that students are familiar with these issues and that students assume personal responsibility in their work.

Graduate Student Responsibilities

Graduate students are responsible for familiarizing themselves with all university and graduate policies and procedures. Students should also communicate directly with their academic unit to be clear on expectations for degree completion.

Information is provided to students via [MyASU](#). Students should frequently check their MyASU account for the most up-to-date information regarding their status, holds, items to attend to and other important information.

It is very important that students check with their thesis/dissertation advisor well in advance of data collection to ensure compliance with university regulations regarding the collection of research data. Please see the section of this guide titled "Research Involving Human and Animal Subjects."

Application

Submission of an Application

For admission information and procedures, see students.asu.edu/graduate. Applications for all graduate degree programs, certificate programs and/or non-degree must be submitted via the students.asu.edu/graduate/apply.

Prior to submitting an application to the Graduate College, applicants should review information regarding the [graduate program](#) and academic unit application requirements and deadlines. Students who have a Graduate College approved *Leave of Absence* on file with the Graduate College [prior](#) to their semester of non-registration and are re-entering the same graduate program for the semester immediately following the approved request, are not required to submit a new application.

Application Deadlines

Application deadlines are set by the graduate programs. Consult the program websites or the [Graduate Degree and Certificate Search](#) tool for specific application deadlines.

*Please note that international students wishing to attend an in-person program must apply to Sessions A or C only (Session B is not available to international students due to visa requirements).

Application Fee

Each application to an ASU graduate program must be accompanied by a non-refundable application fee, payable by credit or debit card at the time of submission. The application fee covers Graduate Admission Services' administrative costs of processing all applications and is not refundable under any circumstance.

- ⤴ Domestic application fee: \$70;
- ⤴ International application fee: \$115.

Applicants receive an email acknowledgement once the application has been successfully submitted. The acknowledgement includes an ASURITE ID and activation code so that students may follow the progress of their application through MyASU. Applicants should review [MyASU](#) to monitor their application status, "To Do" items and "Holds".

Application Requirements

Applicants must submit official transcripts from all post-secondary institutions previously attended to the Graduate Admissions Services office (see students.asu.edu/graduate/standards). **Academic units may have admission requirements in addition to those of Graduate Admission Services.** Many graduate programs require scores from a national admissions test such as the Graduate Record Examination (GRE), Graduate Management Admission Test (GMAT) or the Miller Analogies Test. Some programs require a portfolio, letters of recommendation a statement of goals and/or a resume. Applicants should consult the academic unit regarding program admission requirements prior to submitting an online application. Programs will submit a recommendation to the Dean for Graduate College regarding their willingness to admit an applicant.

All documents received by Graduate Admission Services in connection with an application become property of ASU and will not be returned.

Academic Credentials

Applicants who attended school in the United States must hold a bachelor's degree or higher from a regionally accredited U.S. institution in order to be eligible for admission. Applicants are required to provide proof that a bachelor's or graduate degree was awarded before completion of their first semester of graduate studies at ASU.

Applicants who attended school outside of the U.S. must hold a bachelor's or graduate degree, or equivalent, from an institution that is officially recognized by that country. If original credentials are issued in a language other than English, applicants must provide the original language transcripts as well as an official and literal translation. Applicants are required to provide proof that a bachelor's or graduate degree was awarded before completion of their second semester of graduate studies at ASU.

Photocopied documents certified by a notary public are not official. For more information regarding official academic credentials see students.asu.edu/graduate. For additional information regarding official international academic credentials see students.asu.edu/graduate/apply.

Applicants must have maintained a minimum grade point average of 3.00 (scale is 4.00 = "A") in the last 60 semester hours or 90 quarter hours of undergraduate coursework.

Because ASU receives applications from many highly qualified students, some applicants may be denied admission for reasons not related to their academic performance. Examples include, but are not limited to: program capacity, mentor availability and/or program match.

Additional International Requirements

International Applicants

Please consult the Graduate Admission Services websites at students.asu.edu/graduate, and students.asu.edu/international/immigration for complete information.

Applicants who will hold an F-1 or J-1 visa must:

1. Meet the regulations of the U.S. Immigration and Customs Enforcement (ICE) agency.
2. Obtain insurance coverage against illness and accidents before being permitted to register for classes. Insurance must be maintained throughout the students' enrollment at the university.
3. Submit proof of [English proficiency](#).
4. Submit additional materials as outlined on the Graduate Admission Services website at students.asu.edu/graduate/apply.
5. Verify that they have the financial resources to cover their expenses during graduate study at ASU. The *Financial Guarantee* form is available through the Graduate College website at students.asu.edu/graduate. In addition to the *Financial Guarantee* form, if ASU is providing an assistantship, an official offer letter must be sent to the Graduate Admission Services office. Similarly, if a governmental entity is funding the student, an official letter from the government must be submitted to the Graduate Admission Services office in addition to the *Financial Guarantee* form.

The I-20 or the DS-2019 (documents needed to obtain a student visa) is issued only after the completed and properly verified **Financial Guarantee** form, proof of [English proficiency](#) and supporting documents have been received by the office of Graduate Admission Services. International students may enroll at ASU only if they have been admitted to a degree program or the post-baccalaureate teacher education program. International students must be enrolled in a graduate degree program to enroll in an in-person certificate program. International students may enroll in an online certificate program without enrolling in a degree program. After arrival in the U.S., students need to complete the online SEVIS check-in.

Applicants residing in the U.S. on a valid visa must provide proof of a current visa. Enlarge the image and fax the copy to 480-965-5158.

English Language Requirement

English proficiency is required for all students that wish to enter an ASU graduate program. There are several ways to meet the English proficiency requirement:

- ✦ [TOEFL](#) score of at least 550 (PBT) or 80 (iBT). The TOEFL is administered by TOEFL/TSE Services. ASU's institutional code is 4007. ASU accepts only electronic copies of the TOEFL score report.
- ✦ [IELTS](#) overall band score of at least 6.5. The IELTS is administered by the University of Cambridge. No institutional code is needed.
- ✦ [Pearson](#) Test of English (PTE) score of at least 60. The PTE is administered by Pearson.

Individual academic units may have higher requirements for English proficiency. Consult the academic unit's website. English proficiency is only valid for two years and must be taken within two years from the beginning of the semester for which the student applied.

Some applicants are exempt from the English proficiency requirement. The following exceptions must be met exactly to be considered for an exemption:

- ✦ Applicants who are U.S. Citizens or U.S. Permanent Residents
- ✦ Applicants who have earned a bachelor's degree or higher from a regionally accredited college/university in the United States.
- ✦ Applicants who have earned the equivalent of a U.S. bachelor's degree or higher from an international institution that is officially recognized by that country, and the country is on the ASU English Speaking Country and Territory List. (official transcript required)
- ✦ Applicants who have earned the equivalent of a U.S. bachelor's degree or higher from an international institution that is officially recognized by that country, and the sole medium of instruction for the program was in English (official transcript required). Student should email gograd@asu.edu to request exemption and include a letter from the institution on letterhead indicating language of instruction or provide information on the institution website to verify language of instruction.
- ✦ Applicants who have completed at least 9 semester hours of graduate coursework with a cumulative GPA of 3.0 (on a 4.0 scale) or higher at a regionally accredited college/university in the United States or from an international institution that is officially recognized in that country and is on the ASU English Speaking Country and Territory List. (official transcript required)
- ✦ Applicants who have completed at least 90 semester hours of undergraduate coursework with a cumulative GPA of 3.0 (on a 4.0 scale) or higher in residence at a regionally accredited college/university in the United States. (official transcript required)
- ✦ Applicants who have completed ASU Global Launch's in-person International Graduate Preparation Program (IGPP) at ASU with grades of "B" or better.
- ✦ Applicants who have completed Global Launch's English for Graduate Admission online course with 80% or better.
- ✦ Applicants who have a U.S. High School Diploma. (official transcript required)
- ✦ Applicants who attended an English speaking university.

All international applicants from countries where the native language is not English must pass an examination that certifies their skill in speaking English before applying for teaching assistantships. Please follow this link to the International Teaching Assistant website for information on how to fulfill this requirement: <https://learnenglish.asu.edu/international-teaching-assistant>. Departmental requirements may differ so it is recommended that applicants contact their departments for specific details.

Non-Degree Programs

Applicants who do not immediately intend to pursue a graduate degree may apply as non-degree seeking students at students.asu.edu/graduate/nondegree. The application process does not require the submission of academic credentials or test scores.

Non-degree applicants must have earned a bachelor's degree or higher from a U.S. regionally accredited institution or the equivalent of a U.S. bachelor's or graduate degree from an international institution that is officially recognized by that country.

There is no limit to the total cumulative credit hours students can take as non-degree students. However, to apply the credit hours toward an ASU master's or doctoral degree, students are limited to twelve credit hours taken within three years of admission prior to admission to the degree program.

Non-degree students may not be eligible to enroll in some classes. Contact the academic unit with questions regarding qualification for registration.

Financial aid is not available to non-degree students.

In-person non-degree study is typically not available to international students on F-1 or J-1 visas. For exceptions, prior to applying, you must obtain written approval from your Designated School Official (DSO) granting permission for you to take classes.

After Applying

After an application has been successfully submitted, applicants receive an email acknowledgement that includes an ASURITE ID and activation code. Applicants should review [MyASU](#) to check on the application status, “Priority Tasks” and “Holds”.

Admission

A minimum grade point average of 3.00 (scale is 4.00 = “A”) in the last 60 semester hours or 90 quarter hours of undergraduate coursework is required to be considered for admission to an ASU graduate degree program.

Academic units submit recommendations regarding admission decisions to Graduate Admission Services; only the Dean of the Graduate College can make formal offers of admission.

Applicants monitor the status of their application through MyASU. If admitted, the formal letter of admission can be downloaded from MyASU. If denied admission, letters are sent via email to the address on record.

Students may apply to programs that are both campus based immersion programs, as well as online-based digital immersion, but if admitted to both they must choose their preferred modality.

Admission Types

- ✦ **Regular Admission:** Applicant satisfies all requirements for admission and is academically acceptable to both the degree or certificate program and the Graduate College.
- ✦ **Provisional Admission:** Applicant does not meet minimum academic standards with respect to grade point averages as required by Graduate College and the academic unit, but has additional evidence to suggest the potential for success. This status provides the academic unit with an opportunity to better evaluate the student’s academic potential. Students have a maximum of one academic year to satisfy the provisional condition. **The Graduate College will withdraw students from the degree or certificate program who have not met the provisions of their admission within the required timeframe.**
- ✦ **Regular Admission with Deficiencies:** Applicant’s grades and test scores are at an acceptable level but applicant does not have the academic background expected by the degree or certificate program and the university. Monitoring deficiency completion is the responsibility of the academic unit.

Defer Admission

Students may, with the recommendation of the degree program, defer their initial semester and year of admission to the next semester for which the degree or certificate program is admitting students. No further deferrals are allowed.

International Student Admission

International students planning to attend ASU on an F-1 student visa or a J-1 exchange visitor visa must provide documentation required by the United States Citizenship and Immigration Services. Visa documents are only issued for international students enrolled in a degree program or the post baccalaureate teacher education program. There are strict regulations regarding when an I-20 or DS-2019 can be issued. Detailed information may be found at: students.asu.edu/international/immigration.

Registration and Enrollment

All students are required to have proof of measles immunizations on file with [Student Health](#) prior to registration.

Graduate students register through MyASU according to their enrollment appointment. Details regarding registration and course drop/add procedures are provided in the [Registration and Tuition Payment Guide](#).

Enrollment Verification Guidelines

The University's Registrar's Office will verify student enrollment each semester according to the general guidelines that follow.

Enrollment Verification Guidelines for Graduate Students

| | Full Time* | Half Time | Less Than Half Time |
|----------------------------------|-----------------|-----------|---------------------|
| Regular Semester | | | |
| Graduate | 9 or more hours | 5-8 hours | 4 or fewer hours |
| Graduate Assistant** | 6 or more hours | -- | -- |
| Six-Week Summer Sessions | | | |
| Graduate | 3 or more hours | 2 hours | 1 hour |
| Graduate Assistant** | 2 or more hours | 1 hour | -- |
| Eight-Week Summer Session | | | |
| Graduate | 5 or more hours | 3-4 hours | 2 or fewer hours |

*Audited courses do not count toward full-time enrollment

For enrollment verification purposes, "Graduate Assistant" is a generic term that includes Teaching Assistants, Research Assistants, Teaching Associates and Research Associates. **Academic units may have specific requirements regarding registration requirements for Graduate Assistants; students should consult with their degree program unit.

International F-1 and J-1 students are required to maintain full-time enrollment status. Any exception to full-time enrollment must be previously approved by the [International Student and Scholars Center \(ISSC\)](#).

Maximum Course Load

The Graduate College does not have a maximum credit hour enrollment policy. It is expected that academic units will set course loads for their students that facilitate academic success.

Continuous Enrollment

Once admitted to a graduate degree program or graduate certificate program, students must be registered for a minimum of one credit hour during all phases of their graduate education, including the terms in which they are

admitted and graduate. This includes periods when students are engaged in research, conducting a doctoral prospectus, working on or defending theses or dissertations, taking comprehensive examinations, taking Graduate Foreign Language Examinations or in any other way utilizing university resources, facilities or faculty time.

Registration for every fall semester and spring semester is required. Summer registration is required for students taking examinations, completing culminating experiences, conducting a doctoral prospectus, defending theses or dissertations or graduating from the degree program.

To maintain continuous enrollment, the credit hour(s) must:

- ⤴ Appear on the student's *Interactive Plan of Study*, OR
- ⤴ Be research (592, 792), thesis (599), dissertation (799), or continuing registration (595, 695, 795), OR
- ⤴ Be a graduate-level course.

Grades of "W" and/or "X" are not considered valid registration for continuous enrollment purposes. "W" grades are received when students officially withdraw from a course after the drop/add period. "X" grades are received for audit courses. Additionally, students completing work for a course in which they received a grade of "I" must maintain continuous enrollment as defined previously. Graduate students have one year to complete work for an incomplete grade; if the work is not complete and the grade changed within one year, the "I" grade becomes permanent and will remain on the students' transcripts. Additional information regarding incomplete grades can be found at asu.edu/aad/manuals/ssm/ssm203-09.html.

Graduate Appointments

All Graduate Teaching Assistants and Associates (TAs), and Graduate Research Assistants and Associates (RAs) must register for a minimum of six semester hours of appropriate credit during each academic term of their appointment. The six hours cannot include audit enrollment. **Academic units may have specific requirements regarding RA/TA appointments; students should consult with their degree program unit.**

TAs and RAs are treated as residents for tuition purposes. To be eligible for tuition remission, TAs and RAs must be employed a minimum of 10 hours per week (25 percent Full Time Equivalency {FTE}). TAs/RAs working 10-19 hours per week (25-49 percent FTE) receive a 50 percent remission of tuition for the semester or summer session of their employment. TAs/RAs working 20 hours per week (50 percent FTE) do not pay tuition during the semester or summer session of their employment. In addition, the university pays the individual health insurance premium for those TAs and RAs working 20 hours per week (50 percent FTE).

Due to federal regulations, international students on F-1 and J-1 visas are allowed to work a maximum of 20 hours per week while school is in session (fall and spring semesters). International students are allowed to work 40 hours per week during summer sessions with academic unit approval. International students typically are not allowed to seek employment outside the university; students must consult with the International Student and Scholars Center (ISSC).

Detailed information and application procedures regarding Graduate Assistantships can be found at graduate.asu.edu/financing/tara.

Leaves of Absence

Graduate students planning to discontinue registration for a semester or more must submit a [Leave of Absence request via their Interactive Plan of Student \(iPOS\)](#). This request must be submitted and approved before the anticipated semester of non-registration. Students may request a maximum of two semesters of leave during

their entire program. Having an approved *Leave of Absence* by the Graduate College will enable students to re-enter their program without re-applying to the university.

Students who do not register for a fall or spring semester without an approved Leave of Absence are considered withdrawn from the university under the assumption that they have decided to discontinue their program. Students removed for this reason may reapply for admission to resume their degree program; the application will be considered along with all other new applications to the degree program.

Students with a Graduate College approved *Leave of Absence* are not required to pay tuition and/or fees, but in turn are not permitted to place any demands on university faculty or use any university resources. These resources include university libraries, laboratories, recreation facilities or faculty and staff time.

Voluntary Withdrawal from ASU

Students who wish to withdraw from their graduate degree or certificate program and the university must complete and submit a [Voluntary Withdrawal form](#). Students must separately complete the appropriate forms with the University Registrar to withdraw from their courses. International students should contact the [International Student and Scholars Center \(ISSC\)](#) before submitting a *Voluntary Withdrawal* form, as it most likely will affect their visa status.

Voluntary Withdrawal from a Graduate Degree or Certificate Program

Students who wish to transition from one graduate program to another graduate program should complete and submit a [Voluntary Withdrawal form](#). Students should not take this action until they have been admitted to the other graduate degree program.

Other Types of Withdrawal

There are appropriate circumstances when students may need to withdraw from the university (i.e. medical withdrawal, compassionate leave). The policies for such withdrawals are the same for both undergraduate and graduate students. Types of withdrawals and procedures can be found at: students.asu.edu/drop-add. For course withdrawals contact the University Registrar's Office.

Academic Dismissals by the Graduate College

Students who do not comply with Graduate College policies may be withdrawn from their graduate program after review by the Dean of the Graduate College.

In addition, academic units may recommend withdrawal of students from graduate programs for lack of compliance with published departmental policies or lack of satisfactory academic progress. All such recommendations must be submitted to the Graduate College with appropriate documentation (e.g., nature of issue, communications with student). Only the Dean of the Graduate College may withdraw students from a graduate program due to lack of compliance with satisfactory academic progress policies.

Students who have been withdrawn from a graduate program due to lack of compliance with published departmental or Graduate College policies, or lack of satisfactory academic progress are eligible to apply for admission to the same program only after one year has passed from the term of the withdrawal.

Students who have been withdrawn from a graduate program due to an Academic Integrity violation are not eligible for readmission to Arizona State University.

Grade Point Averages

GPA (Grade Point Average) Graduate students must maintain a minimum 3.00 (scale is 4.00 = "A") grade point average (GPA) to maintain satisfactory academic progress and to graduate. The minimum 3.00 GPA must be maintained on all GPA's (Plan of Study (iPOS) GPA, Overall Graduate GPA and Cumulative GPA)

1. The iPOS GPA is calculated on all courses that appear on the student's approved iPOS
2. Cumulative GPA represents all courses completed at ASU during the graduate career.
3. The Overall Graduate GPA is based on all courses numbered 500 or higher that appear on the transcript after admission to a graduate program or graduate non-degree. This includes shared coursework if in an approved accelerated bachelor's/master's program.

Transfer credits and some courses taken in the Sandra Day O'Connor College of Law are not calculated on in the iPOS GPA or the Graduate GPA.

Courses lower than a "C" cannot appear on the iPOS but will be included when calculating the Graduate GPA. Courses with an "I" grade cannot appear on the iPOS.

Satisfactory Academic Progress

All graduate students are expected to make systematic progress toward completion of their graduate program. This progress includes satisfying the conditions listed below, and achieving the benchmarks and requirements set by the individual graduate programs as well as the Graduate College. If a student fails to satisfy the requirements of their program and/or the benchmarks outlined below, the student may be dismissed from their program based on the academic unit's recommendation to the Graduate College at which time the Dean of the Graduate College makes the final determination.

Satisfactory academic progress includes:

1. Maintain a minimum 3.00 for all GPAs.
2. Satisfy all requirements of the graduate program.
3. Satisfy the maximum time limit for graduation for the student's graduate program (six years for masters and certificates, ten years for doctoral), see "Time Limit" sections.
4. Successfully pass comprehensive exams, qualifying exams, foreign language exams, and the oral defense of the proposal/prospectus for the thesis or dissertation.
5. Successfully complete the culminating experience.
6. Graduate students must **remain continuously enrolled** in their graduate program. Failing to do so without a Graduate College approved *Leave of Absence* is considered to be lack of academic progress and may result in the Graduate College withdrawing the student from their program. See full *Leave of Absence* rules on page 9.

Determination of Academic Requirements

Students graduate under the requirements and policies in effect at the semester and year of admission to a graduate degree program. Students that fail to maintain continuous enrollment and are re-admitted to the graduate program, graduate under the degree requirements and policies in effect at the time of the new admission date.

Master's

A minimum of 30 credit hours of graduate-level coursework including a culminating experience is required for a master's degree, although individual programs may have higher requirements. The culminating experience may be a written comprehensive examination, a capstone course, an applied project, a written portfolio, a thesis or equivalent.

Students that have a capstone or applied project course requirement must receive a grade of "B" or better. Students who fail to achieve a final grade of "B" or better must retake the course and earn a "B" or better to complete the program.

Doctoral

A minimum of 84 credit hours of graduate-level coursework and a written comprehensive examination are required for a doctoral degree, although individual programs may have higher requirements. Additionally, the Foreign Language Examination, oral comprehensive examination and/or dissertation or equivalent may be required. A written comprehensive examination and prospectus (research proposal) is required for all programs requiring a dissertation.

The Interactive Plan of Study (iPOS)

The Interactive Plan of Study (iPOS) functions as an agreement between the student, the academic unit and the Graduate College. The iPOS contains certain requirements such as coursework, a committee and a culminating experience which must be included before it can be approved. The academic unit's graduate support staff should be the primary contact for questions regarding iPOS, degree and certificate requirements. The iPOS must be approved by a student's committee, the head of the academic unit, and the Dean of the Graduate College.

To facilitate program completion and shorten time to complete the program, graduate students are encouraged to complete their iPOS in their first semester. Students who have not completed their iPOS by the time they have enrolled for 50 percent of the minimum credit hours required for their degree program will receive a registration hold.

Coursework

Graduate-level courses are those numbered 500 or higher. All core courses required by a graduate program must be at least 500-level. A maximum of 6 credit hours of 400-level coursework can be included on an iPOS with program approval. 400-level courses taken prior to admission and 400-level courses graded as "Pass/Fail" are not acceptable. Courses with grades of "D", "E", or "W" and audited courses (graded as "X") cannot be included on an iPOS. **Courses applied to a previously awarded degree cannot be included on an iPOS.**

Any course with a grade of Incomplete ("I") must be completed within one calendar year of the end of the scheduled course. If a regular grade is not assigned within the calendar year, the "I" becomes permanent. The

student will have to re-register for the course to receive credit. Additional information regarding incomplete grades may be found at asu.edu/aad/manuals/ssm/ssm203-09.html.

Graduate students may register to audit one or more courses with the approval of the supervisory committee chair and the consent of the instructor involved. An audited course does not count toward the minimum number of credits required for international students with visa restrictions, students employed as TA/RAs, or students receiving financial assistance. Courses taken for audit do not satisfy the Graduate College continuous enrollment policy. Undergraduate courses not included on the iPOS do not satisfy the Graduate College continuous enrollment policy.

Master's degree students whose culminating experience is a thesis must include 6 (and only 6) credit hours of 599 Thesis credits on the iPOS. Doctoral students whose culminating experience is a dissertation must include 12 (and only 12) credit hours of 799 Dissertation credits on the iPOS. Thesis and Dissertation credit hours may only receive grades of "Z" (research is in progress), or "Y" (research is satisfactorily complete). Doctoral students may apply up to 30 credit hours of appropriate coursework from a previously awarded master's degree toward their doctoral plan of study with approval of their academic unit and the Graduate College.

Petitions

A formal request for an exception to any Graduate College policy requires a petition to be completed by the student, and must be approved by the committee chair and the head of the academic unit. The Graduate College office will review the petition and make a final determination.

ASU Pre-Admission Credit

Pre-Admission Credits

Credit hours completed at ASU or at another regionally accredited U.S. institution or international institution officially recognized by that country, before the semester and year of admission to an ASU graduate degree program, are considered pre-admission credits. With the approval of the academic unit and the Graduate College office, students may include a maximum of 12 graduate-level credit hours with grades of "B" or better that were not used towards a previous degree. Preadmission credits must have been taken within three years of admission to the ASU degree or certificate program to be accepted.

Accelerated Bachelor's/Master's programs may use a maximum of 12 pre-admission credits which may include up to a maximum of 12 hours shared between the Bachelor's and Master's program. Students in accelerated programs should contact their advisor to ensure proper sharing of credit hours.

Official transcripts must be sent to Graduate Admission Services from the records office of the institution where the credits were earned.

Certain types of graduate credits cannot be transferred to ASU, including credits awarded:

- ✦ By post-secondary institutions that lack candidate status or accreditation by a regional accrediting association, or an equivalent international institution.
- ✦ For life experience.
- ✦ For courses taken at non-collegiate institutions (e.g., government agencies, corporations, and industrial firms).
- ✦ For courses, workshops and seminars offered by other postsecondary institutions as part of continuing education programs.

⤴ For extension courses.

Academic credits earned at institutions other than ASU that base their credit calculation on a different scale from ASU's are subject to conversion before inclusion on the *Interactive Plan of Study*. In all cases, the inclusion of transfer courses on the *Interactive Plan of Study* is subject to approval by the academic unit and the Dean of the Graduate College.

Graduate Credits Earned by ASU Undergraduate Students

ASU students enrolled in an approved Accelerated Bachelor's/Master's degree program (commonly referred to as 4+1), may share ASU credit hours. Students must contact their ASU undergraduate advisor and graduate support staff to ensure proper sharing of credit hours. Bachelors/Master's students may earn up to a maximum of 12 graduate credits during their undergraduate degree to be used later towards a master's degree.

An undergraduate degree and a graduate degree may not be awarded during the same term of enrollment. Students must apply, be admitted and registered as graduate students to earn a master's or doctoral degree at ASU.

Students that are not enrolled in an approved Bachelor's/Master's degree program are not eligible to utilize courses earned during the undergraduate degree program for a graduate degree.

Sandra Day O'Connor College of Law Credit

The Graduate College accepts a numerical grade of 70 or above for courses taken in the ASU Sandra Day O'Connor College of Law as part of an approved *Plan of Study*. These grades are not used in the two GPAs calculated for graduation unless needed, as determined by the Graduate College. The Sandra Day O'Connor College of Law also utilizes a letter grade system for coursework; letter grades are submitted as part of an approved *Plan of Study* and are calculated in the GPAs.

Repeating ASU Courses

Graduate students (degree or non-degree) may retake any course at ASU; however, all grades are part of the students' permanent academic record, remain on the transcript and are used in all GPA calculations.

Graduate Foreign Language Examination (FLE)

Graduate programs may require at least a reading level proficiency of a foreign language relevant to the area of study. Students who are required to demonstrate proficiency in a foreign language must pass the [Graduate Foreign Language Examination](#) specific to their particular graduate program. Students must be enrolled for a minimum of one credit hour during the term in which they take the examination.

Students must successfully complete the Foreign Language Examination before taking any required comprehensive examinations or scheduling the final oral defense of the thesis or dissertation. Students may submit a petition to the Graduate College for a re-examination but must pass the examination in no more than three attempts.

Master's Degree

Master's Degree Plan of Study (iPOS)

Students must submit an iPOS before completing 50 percent of the credit hours required for their degree program. Students are not eligible to schedule a comprehensive examination or defense without an approved iPOS.

Master's Degree Minimum Credit Hours

A minimum of 30 semester hours of graduate work is required for a master's degree at ASU. If a thesis is required, 6 (and only 6) of the minimum required credit hours on an iPOS must be 599 Thesis credits. *Interactive Plans of Study* submitted for master's degrees that do not have a thesis requirement cannot include 599 Thesis credits. If an applied project is required, the Applied Project course (XXX 593) must be included on the *Interactive Plan of Study* and requires a grade of "B" or better.

Master's Degree Maximum Time Limit

All work toward a master's degree must be completed within six consecutive years. The six years begin with the semester and year of admission to the program. Graduate courses taken prior to admission that are included on the *Interactive Plan of Study* must have been completed within three years of the semester and year of admission to the program.

Master's Degree Supervisory Committee

A master's supervisory committee must be appointed before the student may apply for the comprehensive examination or before the student can register for 599 Thesis credits (if applicable). The committee is appointed by the Dean of the Graduate College upon the recommendation of the head of the academic unit. For programs requiring a thesis or written examination, the supervisory committee is comprised of a minimum of three members, including a chair or two co-chairs.

Tenured/tenure-track faculty may serve as members of a master's graduate supervisory committee, chair or co-chair. The chair of the committee is typically from the student's degree program and should be carefully selected by the students to guide their work. ASU academic professionals or non-tenure accruing faculty with appropriate academic credentials may serve as members or co-chairs on master's committees; they may not serve as chairs of master's supervisory committees.

Master's Thesis/Thesis Defense

Students must be in good academic standing regarding GPA requirements (see previous section titled "Satisfactory Academic Progress" (pg. 11)) prior to scheduling a defense.

To satisfy the research requirement for master's degrees, students are expected to present a thesis that is defended in a public oral examination. Degree programs may have requirements in addition to the thesis (e.g. comprehensive examinations). Students should check with their degree program to confirm requirements. An oral defense of the thesis is required and must be completed to the satisfaction of the supervisory committee. The defense must be scheduled officially with the Graduate College. Defenses that are held without being scheduled with the Graduate College are considered invalid. At least 50% of the committee must be physically present at the oral defense. Students must be physically present at the oral defense of their thesis. A virtual defense option is only available to students in approved online programs. Students must be registered for:

- ⤴ At least one semester hour of credit that appears on the *Interactive Plan of Study*; OR
- ⤴ At least one semester hour of appropriate graduate-level credit, for example: Research (592), Thesis (599), or Continuing Registration (595 or 695); OR

Students who are required to complete a thesis as part of their graduate program must submit their document to the Graduate College for format review. See: <https://graduate.asu.edu/completing-your-degree/format>.

Revisions to the thesis are typical and must be completed in a timely manner. If students are unable to complete revisions to the thesis and submit to UMI/ProQuest by the deadline for the semester in which the defense is held, they must complete the revisions, remain continuously enrolled and present the final document to

UMI/ProQuest within one year of the defense. Failure to do so will require the re-submission of the document for format review and may result in re-defense of the thesis to ensure currency of the research.

Other Master's Culminating Experiences

A written comprehensive examination, capstone course, applied project or written portfolio is required as a culminating experience in master's programs that do not have a thesis requirement. The Graduate College office requires a written component to the comprehensive examination; academic units may also require an oral component. Students must have an approved iPOS prior to scheduling their comprehensive examination and/or registering for their applied project or capstone course. An applied project requires registration in the Applied Projects course (XXX 593) and requires a grade of "B" or better. A capstone course requires a grade of "B" or better.

Students must be in good academic standing regarding GPA requirements (see previous section titled "Satisfactory Academic Progress" pg. 11) in the semester of the culminating experience.

Students are required to register for at least one semester hour of credit that appears on the iPOS or one hour of appropriate graduate-level credit during the fall, spring or summer session in which they complete their culminating experience.

Master's Comprehensive Examination

Students must be in good academic standing regarding GPA requirements (see previous section titled "Satisfactory Academic Progress") prior to taking master's comprehensive examinations. Foreign language requirements, if applicable, must be fulfilled before taking the comprehensive examinations.

Students are required to register for at least one semester hour of credit that appears on the iPOS or one hour of appropriate graduate-level credit during the fall, spring or summer session in which they take their comprehensive examinations. If the date of defense falls between semesters, the student is required to register for the next available semester.

The master's comprehensive examination must have a written component; however, individual master's degree programs may require an additional oral component of the comprehensive exam for all of their students based on the academic progress policy of the program.

Students must schedule the comprehensive examination with their academic unit. All comprehensive examination results must be reported to the Graduate College office via the students' iPOS immediately upon completion.

Failing the comprehensive examination(s) is considered final unless the supervisory committee and the head of the academic unit recommend, and the Dean of the Graduate College approves, a re-examination. **Only one re-examination is permitted.** A petition with substantial justification for re-examination, endorsed by the members of the students' supervisory committee and the head of the academic unit, must be approved by the Dean for the Graduate College before students can take the examination a second time.

Re-examination may be administered no sooner than three months and no later than one year from the date of the original examination. The Graduate College office may withdraw students from the degree program if the students' petition for re-examination is not approved, or if the students fail to successfully pass the retake of the comprehensive examination(s).

Students choosing to appeal the results of their comprehensive examinations must follow the grade appeals process outlined by their academic unit.

Students that have received a final result of failure in the comprehensive examination will be recommended for dismissal by the Academic Unit.

Doctoral Degree

Doctoral Degree Interactive Plan of Study (iPOS)

Students must submit an iPOS before completing 50 percent of the credit hours required for their degree program. Students are not eligible to apply for the Foreign Language Examination (if applicable), comprehensive examinations, dissertation proposal/prospectus or dissertation defense (if applicable) without an approved iPOS.

Doctoral Degree Minimum Credit Hours

A minimum of 84 semester hours of graduate work is required for a doctoral degree at ASU. If a dissertation is required, 12 (and only 12) of the minimum required credit hours on an *Interactive Plan of Study* must be 799 Dissertation credits. *Interactive Plans of Study* submitted for doctoral degrees that do not have a dissertation requirement cannot include 799 Dissertation credits. Students may apply up to 30 credit hours from a previously awarded master's degree toward their doctoral *Interactive Plan of Study* with approval of the program and supervisory committee and the Dean of the Graduate College.

Doctoral Degree Maximum Time Limit

Doctoral students must complete all program requirements within a ten-year period. The ten-year period begins with the semester and year of admission to the doctoral program. Graduate courses taken prior to admission that are included on the iPOS must have been completed within three years of the semester and year of admission to the program (previously awarded master's degrees used on the *Interactive Plan of Study* are exempt).

Any exception to the time limit policy must be approved by the supervisory committee, the head of the academic unit and the Dean of the Graduate College. The Graduate College may withdraw students who are unable to complete all degree requirements and graduate within the allowed maximum time limits.

Doctoral Degree Supervisory Committee

Upon the recommendation of the head of the academic unit, the Dean of the Graduate College appoints the student's dissertation committee. The committee must be comprised of at least three members, including either a chair or two co-chairs. Doctoral programs may have additional requirements for committee composition. This committee serves as the intellectual guide for students and must approve the research/scholarly focus and substance of the dissertation. The members of the dissertation committee have the necessary knowledge and skills to advise the student during the formulation of the research topic and during the completion of the research and the dissertation.

Dissertation chairs and co-chairs must be approved by the Dean of the Graduate College and each degree program maintains the list of faculty approved by the office for the Graduate College. Most resident faculty at ASU may serve on dissertation committees with the proviso that they have appropriate expertise in the discipline.

All PhD programs have a [Graduate Faculty](#). The Graduate Faculty in a PhD program may also include highly qualified individuals from outside the university who have been approved to serve on committees. Each PhD program maintains the list of faculty approved by the Graduate College to chair or co-chair PhD dissertations. Additional information regarding ASU Graduate Faculty can be found at graduate.asu.edu/graduate_faculty_initiative.

Doctoral students (including PhD, DMA, DBH, DNP, DBA, AuD and EdD) are urged to communicate with their academic unit to confirm eligibility of faculty to chair doctorate committees.

The final committee membership must be appointed by the Dean of the Graduate College before the student may apply for comprehensive examinations, defend the dissertation prospectus, and register for 799 Dissertation course credits (if applicable).

Doctoral Comprehensive Examination

Students must be in good academic standing regarding GPA requirements (see previous section titled “Satisfactory Academic Progress” pg. 11) prior to taking doctoral comprehensive examinations.

When students have essentially completed the coursework on an approved *Interactive Plan of Study*, they must request permission to take the doctoral comprehensive examination. The doctoral comprehensive examination must have a written component; however individual doctoral programs may require an additional subsequent oral component of the comprehensive exam for all of their students based on the academic progress policy of the program. These examination(s) are designed to assess students’ mastery of the field of specialization. Doctoral comprehensive examination(s) are administered by a committee consisting of a minimum of three members.

Foreign language requirements, if applicable, must be satisfied before taking the comprehensive examination(s).

During the fall, spring or summer session that the student takes the comprehensive examination(s), they are required to register for:

- ✦ At least one semester hour of credit that appears on the *Interactive Plan of Study*; OR
- ✦ At least one semester hour of appropriate graduate-level credit, for example: Research (792), Dissertation (799), or Continuing Registration (795); OR

All comprehensive examination results must be reported to the Graduate College office immediately upon completion.

Failing the comprehensive examination(s) is considered final unless the supervisory committee and the head of the academic unit recommend, and the Dean of the Graduate College approves, a re-examination. Only one re-examination is permitted. A petition with substantial justification for re-examination, endorsed by the members of the students’ supervisory committee and the head of the academic unit, must be approved by the Dean of the Graduate College before students can take the examination a second time. Re-examination may be administered no sooner than three months and no later than one year from the date of the original examination.

Students choosing to appeal the results of their comprehensive examinations must follow the grade appeals process outlined by their academic unit.

Students that have received a final result of failure in the comprehensive examination should be recommended for dismissal by the Academic Unit.

Doctoral Prospectus Defense

All programs requiring a Dissertation are required to complete a dissertation proposal/prospectus and submit the results to the Graduate College office via the students' *Interactive Plan of Study*. Failure of the doctoral dissertation prospectus oral defense is considered final unless the supervisory committee and the head of the academic unit recommend, and the Dean of the Graduate College approves, a second proposal defense. If a petition is approved, students must submit the new prospectus by the end of six months (the six months begins from the date that the first doctoral dissertation proposal defense was held). If the academic unit does not grant the students permission to retake the proposal defense, or if the students fail to pass the retake of the proposal defense, the Graduate College may withdraw the students from the degree program.

Students are required to register for at least one semester hour of credit that appears on the *Interactive Plan of Study* or one hour of appropriate graduate-level credit during the fall, spring or summer session in which they conduct their doctoral prospectus.

Doctoral Candidacy

Doctoral students (with specific degree program exceptions approved by the Dean of the Graduate College) achieve candidacy status upon the successful completion of the comprehensive examination(s), the Foreign Language Examination (if applicable), and successfully defending the dissertation prospectus (if applicable). Doctoral students who have been advanced to candidacy are required to maintain continuous enrollment until all degree requirements have been completed and they have graduated.

Doctoral Dissertation/Dissertation Defense

Students must be in good academic standing regarding GPA requirements (see previous section titled "Satisfactory Academic Progress" pg.11) prior to scheduling the defense.

The written doctoral dissertation is based on an original and substantial scholarly work that constitutes a significant contribution to knowledge in the students' discipline. The dissertation research must be conducted during the time of the students' doctoral studies at ASU, under guidance of ASU Graduate Faculty and in accordance with the Graduate College policies and procedures. The composition of the dissertation is defined by the degree program with the approval of the Dean of the Graduate College.

The dissertation research experience culminates in a final oral exam, commonly known as the "dissertation defense." A final public dissertation defense is required. The defense must be scheduled officially with the Graduate College. Defenses that are held without being scheduled with the Graduate College are considered invalid. At least 50% of the committee must be physically present at the oral defense. Students must be physically present at the oral defense of their dissertation. A virtual defense option is only available to students in approved online programs. During the semester that the students defend the dissertation they are required to register for:

- ⤴ At least one semester hour of credit that appears on the *Interactive Plan of Study*; OR
- ⤴ At least one semester hour of appropriate graduate-level credit, for example: Research (792), Dissertation (799), or Continuing Registration (795); OR

Students who are required to complete a dissertation or bound document (DMA's) as part of their graduate program must submit their document to the Graduate College for format review. See: <https://graduate.asu.edu/completing-your-degree/format>.

Revisions to the dissertation are typical and must be completed in a timely manner. If students are unable to complete revisions to the document and submit to UMI/ProQuest by the deadline for the semester in which the defense is held, they must complete the revisions, remain continuously enrolled and present the final document

to UMI/ProQuest within one year of the defense. Failure to do so will require the re-submission of the document for format review and may result in re-defense of the dissertation to ensure currency of the research.

Other Graduate Educational Opportunities

Graduate Certificates

The graduate certificate is a programmatic series of linked courses. Graduate certificates facilitate professional growth for people who already hold the baccalaureate degree. For more information on current graduate certificates see the [Graduate Degree and Certificate Search](#) page.

Certificate Admission

All applications for graduate certificate programs must be submitted through asu.edu/gradapp.

Certificate Requirements

A minimum of 15 semester hours of graduate work is required to complete a graduate certificate. No more than one-fifth (20 percent) of the minimum required credit hours for a graduate certificate may be transferred from another university. All transfer work must meet the Graduate College transfer policies. All coursework used to complete an ASU graduate certificate must be completed within a six-year time limit. Courses at a 400-level may be allowed with prior approval from the appropriate certificate program; however, a minimum of two-thirds of the courses taken to complete the certificate must be at the 500-level or above. No more than 40% of coursework towards the requirements of a graduate certificate can be completed prior to admission to the certificate program. Credit hours earned in a certificate program may also be used towards a degree program, standard preadmission rules apply.

Awarding of a Graduate Certificate

Students will be eligible for the official posting of the graduate certificate to their transcripts when all applicable coursework has been successfully completed and Graduate College requirements have been met. Students must submit an *Interactive Plan of Study* for the graduate certificate program, and apply for graduation.

Concurrent Degrees

Students may pursue concurrent degrees, provided the degree programs are graduate level and in different academic areas, with prior written approval from the head of the academic unit for each degree program and the Graduate College. A separate online application is required for each degree program, except in the case of predefined concurrent programs. For concurrent master's programs, a maximum of 20 percent of the minimum total credit hours for the completion of both degrees may be shared. For concurrent programs that include a doctoral program, a maximum of 12 credit hours may be shared. The total number of hours common to both degree programs may vary from this maximum value only when the Graduate College has formally approved coordinated degree programs.

Coursework common to both programs must constitute a well-planned and meaningful part of each of the programs and may only include coursework completed after admission to both degree programs. In all cases, the guidelines below must be followed:

1. Students must maintain continuous enrollment as previously defined. Registration in both programs *may* be required each semester. Please see the academic unit for specific satisfactory academic progress and program rules. Leaves of Absence will apply to both programs; students may not be registered for coursework in either program if approved.
2. Graduate credit transferred from another institution may be applied toward only one-degree program.

3. Culminating experiences (e.g. capstone courses, theses, applied projects) and comprehensive examinations cannot be shared between concurrent degree programs.
4. The 30 blanket hours allowed for doctoral programs from a previously awarded master's degree may only be applied to one of the doctoral programs.
5. The maximum time limit for completing degree requirements and graduation apply to each concurrent degree individually (6 years for master's; 10 years for doctoral).

Master's in Passing (MIP)

Where there is an approved Master's in Passing (MIP) program in place for a doctoral degree, those doctoral students who complete the requirements of the approved MIP may be awarded the related master's degree. Students should check with their doctoral program to see if there is an approved MIP for their degree. Students with an existing master's degree with the same major are not eligible.

Students who include any blanket hours from a previously awarded master's degree on their doctoral *Interactive Plan of Study* are not eligible for a Master's in Passing. All coursework included in an MIP *Interactive Plan of Study* must have been completed after the semester and year of admission to the doctoral program.

Accelerated Bachelor's/Master's Programs

In a limited number of pre-approved programs, ASU will allow for the simultaneous pursuit of an undergraduate and graduate degree. In such cases, the program must be approved by the Dean of the Graduate College. The students must successfully complete the undergraduate degree and be admitted to the respective graduate program prior to completing 12 credits of graduate coursework. Students must contact their ASU undergraduate advisor and graduate support staff to ensure proper sharing of credit hours.

Students may not share any credit hours taken as an undergraduate student unless they have been formally admitted to an approved accelerated program.

Research Considerations

The master's thesis and doctoral dissertation (or equivalent) must be based on original and independent research/creative activity conducted by students, under the guidance of the graduate supervisory committee. The thesis is an introduction to scholarly writing and is intended to create an understanding of theory and methods applicable to one's field. The dissertation should demonstrate the candidates' mastery of research and scholarly methodologies, theory and tools of the discipline. Both the thesis and dissertation should demonstrate the candidates' ability to address a major intellectual problem and to propose meaningful questions and hypotheses, as well as utilize the methods with which to study the proposed research question(s) and related hypotheses, and draw conclusions.

Supervisory Committees

Students are guided by faculty mentors who advise them through their degree program. Students should identify their advisors early in their graduate career and look to them for guidance in their graduate work. Once students have selected a supervisory committee, the head of the academic unit recommends the supervisory committee to the Dean of the Graduate College who reviews and appoints the Committee. Graduate supervisory committees must consist of a minimum of three individuals, including a chair or two co-chairs.

Faculty Emeriti who meet the Graduate College criteria may serve as members or co-chairs on graduate supervisory committees. They may serve as chairs with the recommendation of the academic unit and approval of the Dean of the Graduate College on a case by case basis. Qualified individuals outside the university, upon the recommendation of the head of the academic unit and approval of the Graduate College, may serve as members of supervisory committees. All such requests must be submitted to the Dean for Graduate College for approval.

Research Involving Human and Animal Subjects

Theses or dissertations that make use of research involving human or animal subjects must include a statement indicating that the research has been approved by the appropriate university body.

Research involving human subjects conducted under the auspices of Arizona State University is reviewed by the University Human Subjects Institutional Review Board (IRB) in compliance with federal regulations. Documents containing any data collection from human subjects require that applications be submitted to the ASU Office of Research Integrity and Assurance for approval **before** data collection or recruitment of subjects is initiated at researchintegrity.asu.edu/humans.

Research involving the use of animals conducted under the auspices of Arizona State University is reviewed by the Institutional Animal Care and Use Committee (IACUC) in compliance with federal regulations. Documents containing any data collection from animal research require that applications be submitted to ASU Office of Research Integrity and Assurance for approval at researchintegrity.asu.edu/animals.

It is very important that students check with their supervisory committee or chair well in advance of data collection to ensure compliance with university regulations regarding the collection of research data. Students who are required to submit their document through Graduate College format review must attach the IRB (or IACUC) approval as an appendix to their document.

Thesis/Dissertation Defenses

Thesis and dissertation defenses are open to all members of the university community and the general public. The oral defense engages the supervisory committee and the candidate in a critical and analytical discussion of the research and findings of the study, as well as a review of the contribution of the research topic to advancing knowledge in that discipline. The presentation of a thesis or dissertation defense in an open forum fosters a broader awareness of the state of graduate research at ASU, promotes a wider scholarly dialogue among disciplines, and recognizes publicly the scholarly contributions of master's or doctoral candidates.

Defenses must be scheduled through MyASU at least 10 working days in advance of the defense date. It is expected that oral defenses will be held on an ASU campus during regular business hours in order to facilitate student, faculty, and public accessibility. When there are sound educational reasons for holding a defense under different circumstances, contact the Graduate College for approval **before** scheduling the defense.

Students must be physically present at the oral defense of their thesis, dissertation or equivalent document. If, due to unforeseen circumstances, they cannot be physically present, then the oral defense must be rescheduled to another date when they can be physically present. A virtual defense option is only available to students in approved online programs.

It is desirable that all members of a student's supervisory committee be physically present with the student at the final oral defense of a thesis or dissertation. However, there are situations (e.g. faculty travel, faculty emergencies and/or faculty leave) that may necessitate holding a defense with one or more committee member(s) absent. In all cases at least 50% of the committee must be physically present. If a committee member cannot physically attend, they can tele/video conference, or they can appoint a substitute to attend in

their place. The substitute should be a regular faculty member with the academic unit. The supervisory committee chair must be physically present; if there are two co-chairs, one of them may tele/video conference if needed. In either case, please email grad-gps@asu.edu with the student's ID number and the name of the tele/videoconferencing member or with the names of the member who will be absent and the faculty member who will attend as a substitute. This information must be submitted **before** the defense.

Degree Completion

The final culminating experiences for graduate degrees vary by program. In many master's degree programs a thesis is required, in other programs the culminating experience is an applied project, capstone, written comprehensive exam or portfolio. In all PhD programs, as well as in most professional doctoral programs, dissertations are required. Theses and dissertations are officially documented and archived in the ASU Digital Repository. Theses and dissertations are submitted to UMI/ProQuest, which makes their content available to the public. Information on the dissertation later appears in *Dissertation Abstracts International*. For this reason, all theses and dissertations must undergo Graduate College format review.

Scheduling a Defense and Format Review

At least 10 working days prior to the planned defense of a thesis, dissertation or equivalent, students schedule the defense through their MyASU. See [Graduation Deadlines](#). Students work with their supervisory committee and the academic unit's graduate support staff to identify a suitable date and reserve a room. When a defense date and location have been identified and the defense has been scheduled through MyASU, students submit a complete draft copy of the thesis/dissertation to be defended by uploading the document to their *Interactive Plan of Study*. The defense will be published on the Graduate College [Master's/Doctoral Defense Schedule](#) website.

The [Format Manual](#) is a comprehensive guide to formatting a thesis, dissertation or equivalent document and it always overrides a style guide if the two conflict. Students must use the *Format Manual* to prepare their thesis/dissertation. Questions regarding the *Format Manual* requirements should be directed to gradformat@asu.edu.

The Graduate College's [Formatting Tool](#) uses the *Format Manual* guidelines to generate a template into which students can insert their document's text. The formatting tool is designed to help students with the basic format requirements such as margins and spacing, and greatly improves the format review process for students.

UMI/ProQuest Submission

Students are required to create a new user account specific to the submission of their document, and must use their ASU email address. UMI/ProQuest requires all students to submit a PDF version of their final document. The Graduate College requires that the PDF document is in compliance with the formatting standards presented in the format manual. Students will receive final format approval only after the submitted PDF document has successfully passed a format review. Students have an opportunity to order bound copies of their document for themselves through UMI/ProQuest. The Final Document will also appear archived in the ASU Digital Repository: <https://repository.asu.edu>.

Graduation

Students must apply for graduation through MyASU in accordance with the University Registrar policies. See [Application for Graduation](#). Students must meet all University and Graduate College degree requirements prior to the conferral of their degree or awarding of their certificate.

The graduation deadlines and procedures are set by the Graduate College and are available online at graduate.asu.edu/progress/graduation_deadlines. Deadline dates vary slightly depending on the calendar year, so students should check them carefully in advance of the semester they plan to defend their thesis/dissertation. It is very important that students become familiar with these deadlines so that graduation can occur during the expected term.

College Policies

W. P. Carey School of Business Policies

The W. P. Carey School of Business is one of the largest and highest-ranked business schools in the country, repeatedly lauded by publications like The Wall Street Journal, Financial Times, The Princeton Review and U.S. News & World Report. The school is internationally regarded for its leadership in business education, its research productivity and its distinguished faculty that includes a Nobel Prize winner. Students come from all over the world, and among them are dozens of National Merit Scholars.

The school's academic choices are as diverse as they are abundant. Undergraduates can earn a BS in one of nine business disciplines or a BA that combines core business classes with a concentration outside the W. P. Carey school. Its programs of study reflect and respond to the demands of business and industry today and beyond, and the school has dedicated career placement services. The school is located in the heart of the fast-growing Phoenix metropolitan area, which provides opportunities for internships, employment, and networking, and its classes are offered on ASU's Tempe, Polytechnic and West campuses as well as online.

More information is available at wpcarey.asu.edu [1].

Academic Integrity

Academic Dishonesty

The faculty of the W. P. Carey School of Business follow the guidelines on academic dishonesty in the ASU Student Academic Integrity Policy. A copy of the policy may be obtained online [2].

The W. P. Carey School of Business honor code may be found online [3]. Additional resources and information may be found at the W. P. Carey Academic Integrity website [4].

Undergraduate Policies

Academic Standing

Probation

All business students, freshman through senior, must maintain a minimum 2.00 GPA for all courses completed at ASU in order to remain in academic good standing. If this standard is not maintained, the student is placed on university academic probation.

Students on university academic probation must see an advisor before further registration and must do one of the following:

1. raise their ASU cumulative GPA to 2.00 or more in order to return to academic good standing
2. obtain a semester GPA of 2.50 with no grade less than a "C" in order to be granted one additional semester on continued college probation, and at the end of the continued college probation must return to academic good standing (with a minimum cumulative ASU GPA of 2.00) to avoid disqualification

W. P. Carey Continued Probation: If a student's ASU cumulative GPA is still less than 2.00 at the end of the probationary semester but the student has earned a semester GPA of 2.50 or greater with no grades less than "C", the student will be placed on CONTINUED PROBATION in the subsequent semester. The student will then have only one more semester to raise the ASU cumulative GPA to 2.00 or greater.

ASU Continued Probation: If a student's ASU cumulative GPA is still less than 2.00 at the end of the probationary semester but the student has earned a semester GPA of 2.00 or greater with no grades less than "C", the student will be

placed on CONTINUED PROBATION with ASU but will be INELIGIBLE to remain in W. P. Carey as a business student. The student will have to change to a major that is not offered through W. P. Carey.

Disqualification

A student who does not meet college probation requirements is academically disqualified and is not allowed to register in a fall or spring semester at the university. If the student has already enrolled in a future fall or spring semester, the student will be dropped from those courses and the registration will be cancelled. Disqualified students may attend ASU during the summer session only immediately following the semester in which the student is disqualified.

A disqualified student must wait for one year to apply for readmission to ASU, and if the student intends to return to the W. P. Carey School of Business they may do so only after completing the following eight skill courses, or the equivalent, with a minimum GPA of 3.00 and with no grade less than "C": ACC 231/232, ACC 241/242, CIS 105, ECN 211, ECN 212, ECN 221, MAT 210 and MAT 211.

Disqualified students should contact their academic advisor immediately to determine what is needed to earn readmission to the university in the future.

Advising

W. P. Carey offers undergraduate program academic advising at the Polytechnic, Tempe and West campuses. Students may find personalized advising information and may schedule appointments in advance through Advising SOS [5].

Students are encouraged to schedule appointments each semester to ensure they are making progress toward their degrees. Advising is required for:

- newly admitted students, prior to enrollment for the first term (at orientation)
- first-year students, prior to enrollment for the second term
- seniors, upon completion of 87 or more credit hours
- any student who is off track in regard to eAdvisor tracking requirements
- any student who is on university academic probation
- disqualified students interested in attending ASU in the future

Additional information regarding academic advising is available online [6] or through the W. P. Carey School of Business undergraduate programs office at 480-965-4227.

Credit/Registration

Pass/Fail

Business majors may not enroll on a pass/fail basis in any course required for graduation. Pass/fail credits taken at another institution may be petitioned for use but only if the student can demonstrate proof that the pass grade was equivalent to a "C" (2.00) or more.

Transfer Credit

Credit from other institutions is accepted subject to the following guidelines:

Students planning to take their first two years of coursework at a community college or another four-year college should plan to take business and economics courses that are offered as freshman- or sophomore-level courses for transfer equivalency as supported through the Transfer Guide [7]. Frequently, these lower-division courses are numbered 100 through 299, but that can vary with each transferring institution. A maximum of 30 credit hours of business and economics courses from community colleges are accepted toward a bachelor's degree in business, and these are applied as lower-division credits.

Students may transfer up to nine credit hours of approved upper-division business coursework required for the business degree to ASU. Business courses completed at a two-year college may not be used for upper-division transfer credit in the business core or major. Such courses may be acceptable for general university credit but may not be applicable toward the degree requirements of the major. Courses taught in the upper-division business core must be completed at an accredited four-year institution. Upper-division business course transfer credits will be considered for upper-division business credit in the ASU major only when the course was taken at an AACSB International-accredited school.

Credit is granted for transferred courses deemed equivalent by the W. P. Carey School of Business to corresponding courses in the selected program of study and is subject to grade and ASU resident credit requirements. No grades less than "C" (2.00 on a 4.00 scale) transfer to ASU. To be accepted for credit as part of a degree program in business, all courses transferred from other institutions must carry prerequisites similar to those of the courses they are replacing at ASU.

Degree Requirements

Critical Requirements

All business students must meet the critical requirements for their majors. Students who are required to follow eAdvisor tracking requirements yet do not comply with the critical requirements are considered off track, and a hold will be placed on their records. These students must work with an advisor to have the hold removed.

Undergraduates in the W. P. Carey School of Business are expected to be strong academically, especially with regard to grades earned in business courses. Careful course planning in consultation with an academic advisor will assist students in maintaining satisfactory academic performance and progress.

Concurrent Degrees

ASU students **not enrolled in a W. P. Carey School of Business** degree program who wish to pursue a concurrent degree with the business school:

- must be in good academic standing
- must have completed 30 credit hours of college coursework
- must meet direct admission criteria [8] for the degree program they wish to pursue

If direct admission requirements have been met, students should file a paper curriculum petition form [9] to request the concurrent degree. Students who do not meet direct admission requirements for business degree programs must complete the Admission Portfolio [10] and be admitted prior to filling out the curriculum petition form. Students are allowed a maximum of two concurrent degree request attempts.

Students **currently enrolled in the W. P. Carey School of Business** who wish to pursue concurrent degrees within the business school:

- must be in good academic standing
- must have completed 30 credit hours of college course work with a grade of "C" (2.00) or greater, including the following skill courses or the equivalents:
 - ACC 231 Uses of Accounting Information I
 - CIS 105 Computer Applications and Information Technology
 - ECN 211 Macroeconomic Principles OR
 - ECN 212 Microeconomic Principles
 - MAT 210 Brief Calculus
 - MAT 211 Math for Business Analysis
- must have completed or currently be enrolled in the following courses or the equivalents:
 - ACC 241 Uses of Accounting Information II
 - ECN 211 Macroeconomic Principles OR
 - ECN 212 Microeconomic Principles
 - ECN 221 Business Statistics

W. P. Carey students who meet the criteria shown above should submit a concurrent degree request [11]. Review and submission times are on the website. W. P. Carey students are unable to change their major status after they are admitted to a concurrent degree program unless they submit a new concurrent degree request. The direct admission criteria only apply to a single major within W. P. Carey; students are not able to freely change majors within their concurrent degree or dual concentration combinations. Students are allowed two concurrent degree request attempts. Current W. P. Carey students wishing to pursue a concurrent degree outside of business should submit a paper curriculum petition form [12] and receive approval from both colleges (e.g., finance and psychology).

Reinstatement/Readmission

Students seeking readmission after an absence from the university should visit the undergraduate readmission [13] website for further information.

Other Special Requirements

Major Proficiency Requirements

Students must receive a grade of "C" (2.00) or higher in upper-division courses for the major. If a student receives a grade lower than "C" (2.00) in any course in the major, the course must be repeated. If a second grade lower than "C" (2.00) is received in either an upper-division course in the major already taken or in a different upper-division course in the major, the student is no longer eligible to take additional upper-division courses in that major.

Student Appeal Procedure on Grades

W. P. Carey School of Business students follow the university policy for the student appeal procedure on grades, which may be found at <https://catalog.asu.edu/appeal> [14].

Admission

Because of the additional requirements for the BS, students who do not meet minimum admission standards will automatically be considered for the BA in the W. P. Carey School of Business. First-year admission requirements for the BA program are the same as the university's first-year admission requirements. Transfer students who want to be admitted to the BA program must have a 3.00 GPA for all transfer coursework and a 3.00 GPA for all ASU coursework and must meet university transfer admission requirements.

Graduate Policies

All graduate students in the W. P. Carey School of Business are required to maintain cumulative, graduate and iPOS GPAs of 3.00 ("B"). Students should see individual graduate degree programs for additional requirements on satisfactory academic progress, probation and disqualification.

Advising

Advising of graduate students is normally handled by graduate programs' support service members. Once admitted, students meet with a program manager to prepare a plan of study. Students are encouraged to begin discussions with their program managers early in their studies so coursework can be geared toward supporting their academic progress. All students, whether in a thesis or nonthesis option, must file a plan of study.

Students must fulfill all requirements of their individual graduate programs to remain in good academic standing, and they must abide by all university policies including those of the Graduate College and the W. P. Carey School of Business.

Source URL: <https://catalog.asu.edu/policies/business>

Links:

- [1] <https://wpcarey.asu.edu/>
- [2] <https://provost.asu.edu/academic-integrity>
- [3] <https://students.wpcarey.asu.edu/resources/honor-code>
- [4] <https://students.wpcarey.asu.edu/>
- [5] <http://wpcarey.asu.edu/sos>
- [6] <https://students.wpcarey.asu.edu/degrees-and-advising/advising-overview%20>
- [7] <https://webapp4.asu.edu/transfercreditguide/app/home>
- [8] <https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/direct-admission-requirements>
- [9] <https://students.wpcarey.asu.edu/degrees-and-advising/advising-forms-and-resources/curriculum-petition>
- [10] <https://students.wpcarey.asu.edu/getting-started/admissions-portfolio>
- [11] <https://apps.wpcarey.asu.edu/apps/portfolioform/index.cfm>
- [12] <https://students.wpcarey.asu.edu/degrees-and-advising/advising-forms-and-resources/curriculum-petition>
- [13] <https://admission.asu.edu/undergrad/readmission>
- [14] <https://catalog.asu.edu/appeal>

Herberger Institute for Design and the Arts Policies

The Herberger Institute for Design and the Arts is built on a combination of disciplines unlike any other program in the nation, comprising schools of art; arts, media and engineering; design; film, dance and theatre; and music; as well as the ASU Art Museum.

The Herberger Institute recommends students contact the Office of Student Success at 480-965-4495 to speak with advising staff regarding any questions about the institute's policies.

Academic Integrity

The Herberger Institute for Design and the Arts strictly adheres to the ASU Student Academic Integrity Policy. Academic honesty is expected of all students in all examinations, papers, academic transactions and records. Possible sanctions include appropriate grade penalties, loss of registration privileges, disqualification and dismissal. Information about the academic integrity policy can be found at <https://provost.asu.edu/academic-integrity> [1].

Undergraduate Policies

Academic Standing

University Academic Warning

A new incoming first-year student or transfer student with a cumulative GPA that has dropped below 2.00 at the end of the first semester (fall or spring) at ASU is placed on University Academic Warning. All Herberger Institute students who are placed on University Academic Warning are required to attend mandatory advising appointments in an effort to improve their academic standing. These meetings continue until the student earns a cumulative GPA of 2.00 or higher. If a student does not earn a cumulative GPA of a 2.00 or higher in their second semester, the student is placed on academic probation.

Probation

Students in any of the institute's degree programs are placed on academic probation when they fail to maintain a cumulative GPA of 2.00. Students on academic probation must observe rules or limitations the institute imposes on their probation as a condition of retention. All Herberger Institute students who are placed on academic probation are required to attend mandatory advising appointments in an effort to improve their academic standing. These meetings continue until the student earns a cumulative GPA of 2.00 or higher. Students are required to read the Student Success Handout,

complete the Student Success Quiz through Canvas, and complete an academic success contract with their advisor to discuss campus academic resources, plan out semester goals and discuss strategies to attain academic success. All on-campus students are also required to complete UNI 220: Mindset Connections in the semester of their probation; if the course is not successfully completed in the probation semester, the student will be required to repeat the course until successfully completed as it will become a graduation requirement.

Continuing Probation

A student who is already on academic probation and earns a GPA of 2.00 or higher for the term but is not successful in raising their cumulative GPA above a 2.00 will be placed on Continuing Probation. Continuing Probation is meant to acknowledge the student's academic progress while still providing academic support to help the student reach the required 2.00 GPA. Students on Continuing Probation must continue to attend mandatory advising appointments until the student earns a cumulative GPA of 2.00 or higher.

Disqualification

If the ASU cumulative GPA is not at 2.00 or higher and the conditions of probation have not been met after one semester on probation, the student is disqualified for a minimum of two full academic semesters. Disqualification is exercised at the discretion of the institute and becomes effective on the first day of the fall or spring semester following institute action. A disqualified student is notified by the dean's office of the institute and is not allowed to register for a fall or spring semester at the university until reinstated. Students should consult with their academic advisor to discuss this academic standing and their options for returning to ASU.

Co-enrolled Continuing Probation Program

Select disqualified students may participate in the Co-enrolled Continuing Probation Program at the discretion of their college or school. This program allows the student the opportunity to attend ASU during the fall or spring semester part time to take UNI 220 plus one ASU course co-enrolled with at least eight credit hours at a Maricopa Community College. The student will select these courses in consultation with their ASU academic advisor. If the student is receiving financial aid, they need to check with the financial aid office to see how participation in this program will affect their eligibility for financial aid. Upon completion of the term, if the student achieves a combined semester cumulative GPA of 2.50, they may continue regular enrollment at ASU for the upcoming semester.

Reinstatement

A student who has previously been academically disqualified and seeks to return to ASU either for a fall or spring semester, either immediately or after a period of absence, and has met college admission standards is required to seek readmission to the university [2] and reinstatement to the Herberger Institute. Applications for readmission to ASU must be made to Admission Services; the application for readmission automatically generates a letter of appeal for reinstatement to the Herberger Institute for consideration.

All disqualified students should contact the Herberger Office of Student Success [3] regarding procedures and guidance for reinstatement and return to academic good standing. A disqualified student may attend summer sessions at ASU to raise the cumulative GPA. If a cumulative GPA of 2.00 or greater is achieved upon completion of summer coursework, the student may petition the institute for early reinstatement. Applications for readmission to ASU must be made to the admission services office. The possibility of successful reinstatement is enhanced when students follow recommendations and meet established standards for summer coursework or coursework completed at other institutions. All students who are academically disqualified should contact a Herberger Institute advisor to discuss their options.

Also available in the Office of Student Success is information on the college policies and procedures for student grievances with respect to grades [4] and various petitions regarding standards and graduation requirements.

Advising

Undergraduate academic advising is handled as a centralized activity within the institute. Students are encouraged to make appointments through the Herberger Institute Office of Student Success. Appointments are recommended and should be scheduled in advance with the lead academic advisor.

There are 3 ways to schedule an advising appointment:

- Online: Make an advising appointment [5] (preferred)
- Phone: 480-965-4495
- In-person: Design South (CDS), room 101 (M-F, 8 a.m.–5 p.m.)

More information is available on the advising website: <https://herbergerinstitute.asu.edu/advising> [3].

While the institute provides academic advising, it is ultimately each student's responsibility to fulfill academic and program requirements. Administration of program requirements is the responsibility of the head of the academic unit and the dean.

Credit/Registration

Course Load

First-semester freshmen and entering transfer students are not permitted to register for more than 18 credit hours in Session C or nine credit hours in Session A and nine credit hours in Session B. Other students who wish to register for more than 18 hours must meet the academic criteria for an overload petition [6] and work with their academic advisor in the Herberger Office of Student Success. Any petition for an overload in excess of 21 hours (or more than 10 hours in either sessions A or B) must be presented to the advising manager. No student should assume that his or her petition for overload will be granted.

For summer sessions, the maximum course load is 14 credit hours, seven per six-week summer session. Overloads are rarely granted for these sessions and requests must be petitioned to the Herberger Office of Student Success.

Audit Grade Option

Students may choose to audit certain courses in which they attend regularly scheduled class sessions but earn no credit. Students should obtain instructor approval before registering for the courses. The option to audit is not available for all courses.

This grade option may not be changed after the drop/add period.

Pass/Fail or Credit/No Credit

The only courses accepted toward graduation with a grade of pass/fail or credit/no credit are courses designated by the academic unit as such or internships and field studies.

Transfer Credits

While the university accepts credits transferred from other accredited institutions, transfer coursework must be equivalent in content and level of offering. Arts or design transfer credits are not applied to specific degree programs until reviewed and accepted by the appropriate academic units. The Design School and the School of Art require a review of samples of work (portfolio format) from previous studio classes to evaluate some transfer studio credits.

Incompletes

Students are responsible for contacting their course instructors regarding the process of requesting and fulfilling requests for an incomplete. The grade of "I" (incomplete) can only be given by an instructor when a student who is doing otherwise acceptable work is unable to complete a course (e.g., final exam or term paper) because of illness or other conditions beyond the student's control.

To begin the request for a grade of incomplete, a student must obtain the official form at <http://students.asu.edu/forms/incomplete-grade-request> [7]. A completed form must include a justification, a listing of requirements that have not been fulfilled, and a proposed schedule of completion. The instructor reviews the request and

determines whether to accept or deny the request. If accepted, the instructor may propose modifications and submit a copy of the request to the appropriate office.

An incomplete in any course that is a prerequisite for sequential courses automatically denies the student enrollment in subsequent courses and could result in the student being administratively dropped from a subsequent course if the student has already enrolled.

The student has one calendar year from the date the grade of "I" is recorded to complete the course. A student does not reregister or pay fees for a course for which an "I" has been received in order to complete the course. Grades of "I" for undergraduate coursework that have been on a student's record for more than one calendar year will be automatically changed to "E."

Withdrawals

University withdrawal regulations apply to all courses. In certain of the institute's degree programs, curricula are modular and sequential, and because space in these programs is limited a student is expected to progress through the curriculum with the class. In order to fully understand all potential repercussions of withdrawal from any courses, the student should discuss their plans with their academic advisor.

Degree Requirements

Critical Requirements

All Herberger students must meet the program and critical requirements for their majors. Students who do not comply with the critical requirements are considered off track and their records will be placed on hold; students are required to meet with a Herberger academic advisor to have a hold removed. For more information about critical requirements, students should refer to the corresponding major map.

Concurrent Degrees

A student who wishes to obtain concurrent degrees must submit a standards committee petition [8] for review by the Herberger Curriculum and Standards Committee after successfully meeting the following criteria: minimum cumulative GPA of 3.00, successful completion of six credit hours in both programs, and successful admission into both intended programs of study. A student pursuing concurrent degrees within the institute must complete 24 unique credit hours in each major.

Change of Major

A current ASU student who wishes to change majors to one of the institute's degrees must have a cumulative ASU GPA of 2.50 or greater. Students wishing to enter a major that requires an audition, interview, milestone or portfolio review may be required to successfully complete this requirement before changing the major.

Reinstatement/Readmission

Undergraduate degree-seeking students who previously attended ASU in the Herberger Institute for Design and the Arts but have not been enrolled at ASU for up to seven consecutive semesters are eligible to return through quick reentry. Students do not need to submit a new application or application fee, but they must contact an academic advisor in their program for registration.

Undergraduates who have been away from the university for seven or more semesters and want to return to ASU in a Herberger Institute program are required to apply for readmission through the admission services office.

- Readmission is only considered after a student has remained out of the Herberger Institute for a minimum of two semesters.
- A student is required to supply proof he or she is now capable of successfully completing courses in the discipline by the completion of at least 12 hours of appropriate coursework with a GPA of 2.50 or greater.

- If the readmission request requires a change of major, then admission decisions are made by the college that offers the intended major.
- If a student seeks readmission to his or her previous Herberger Institute major and that major requires a creative review, a new review may be required.
- If readmission is approved within the Herberger Institute, the student returns with continued probation status in the appropriate degree program.

Once readmitted, returning students are required to meet with a Herberger advisor before enrolling in courses at ASU.

Other Special Requirements

Creative Reviews

A creative review (audition, interview, milestone or portfolio submission) is required for entrance into many majors in the Herberger Institute. Students should see <https://herbergerinstitute.asu.edu/admissions> [9] for details.

Graduate policies

Advising is handled as a decentralized activity within the institute. To offer personalized attention, each academic unit establishes its own graduate advising procedures. Students are encouraged to make appointments through the central office of their major discipline. Students should consult their academic unit's website for general information about the programs, admission and advising procedures:

- School of Art: <https://art.asu.edu/> [10]; 480-965-6303
- School of Arts, Media and Engineering: <https://artsmediaengineering.asu.edu/> [11]; 480-965-9438
- The Design School: <https://design.asu.edu/degree-programs> [12]; 480-965-3536
- School of Music, Dance and Theatre: <https://musicdancetheatre.asu.edu/> [14]; 480-965-3371

Students must fulfill all requirements of their graduate program to remain in good academic standing, and they must abide by all university policies including those of the Graduate College and the Herberger Institute for Design and the Arts.

Source URL: https://catalog.asu.edu/policies/design_and_arts

Links:

[1] <https://provost.asu.edu/academic-integrity>

[2] <https://admission.asu.edu/undergrad/readmission>

[3] <https://herbergerinstitute.asu.edu/advising>

[4] <https://designandarts.asu.edu/grievanceprocedure/HerbergerInstituteGrievanceProcedure.pdf>

[5]

<https://outlook.office365.com/owa/calendar/HerbergerInstituteOfficeofStudentSuccess@arizonastateu.onmicrosoft.com/bookings/>

[6] https://designandarts.asu.edu/students/includes/documents/HIDA_Petition_for_Term_Overload.pdf

[7] <http://students.asu.edu/forms/incomplete-grade-request>

[8] <https://designandarts.asu.edu/students/undergrad/forms/herberger.php>

[9] <https://herbergerinstitute.asu.edu/admissions>

[10] <https://art.asu.edu/>

[11] <https://artsmediaengineering.asu.edu/>

[12] <https://design.asu.edu/degree-programs>

[13] <https://filmdancetheatre.asu.edu/>

[14] <https://music.asu.edu/>

Ira A. Fulton Schools of Engineering Policies

The Ira A. Fulton Schools of Engineering educate undergraduate and graduate students, giving them the knowledge, skills and attitudes they need for success in technically oriented careers. The schools provide students with a range of educational opportunities by which they may achieve excellence in the major branches of engineering, computer science, informatics, construction management, aviation, technology, human systems engineering, environmental resource management, and technological entrepreneurship and management.

The Ira A. Fulton Schools of Engineering take pride in their diversity, their economic and cultural heritages, and the quality of their graduates. The schools strive to be integral to the community they serve and a lifelong presence in the lives of those within their compass. The schools' educational and research programs are built around the following principles: entrepreneurship; use-inspired research and scholarship; a focus on the individual; the intellectual fusion of unique and distinct disciplines; social embeddedness in the local, national and international communities; and global engagement.

More information is available at <https://engineering.asu.edu/> [1].

Ira A. Fulton Schools of Engineering Aspirations

Graduates from any of the schools' programs will possess a solid technological background. Additionally, the Ira A. Fulton Schools of Engineering aspire to develop leaders who are well-read, well-spoken and knowledgeable about current business practices. Experiential education is recognized as a complementary praxis and integral to the overall academic experience. To this end, the schools offer enhanced curricula, special courses and extracurricular activities to enrich the student's stay and to offer every student opportunities to achieve the schools' aspirations.

All the programs within the schools are professional programs, and professionalism is an important component of all the curricula. The schools strive to help students understand and value the various aspects of professionalism, including ethical behavior, a desire for lifelong learning, the ability to communicate with others, and an awareness of how the profession fits into society and impacts it. As the first step in ethics, all students are expected to follow the student code of conduct and rules of academic integrity defined by the university as outlined at <https://provost.asu.edu/academic-integrity> [2].

Academic Integrity

Students enrolled in the Ira A. Fulton Schools of Engineering are required to maintain high levels of integrity and honesty in their academic progress. The ASU Student Academic Integrity Policy is strictly enforced and followed. A student with an alleged violation is required to discuss the violation with the professor. A student charged with a violation of the student academic integrity policy will have the opportunity to appeal the charge and be heard by the Ira A. Fulton Schools of Engineering standards hearing board, which provides recommendations to the dean or the dean's designee. The dean or dean's designee will review the recommendation and render a decision. If the decision is suspension or expulsion, the student may appeal to the Office of the University Provost. Policy information is located at <https://provost.asu.edu/academic-integrity> [2].

The Ira A. Fulton Schools of Engineering have developed and enforce a number of academic standards. These standards are designed to support students and ensure the quality of the schools' graduates.

Undergraduate Policies

Academic Standing

Student Responsibilities

Students need to make many decisions as they complete their degrees. While the schools and the university have a number of resources available to help with decision-making (e.g., faculty, courses, advisors and tutors), students are expected to take responsibility for their decisions.

Ira A. Fulton Schools of Engineering Good Standing

Students are expected to select and successfully complete courses that lead to the timely completion of their degree programs. Students are said to be in good standing if they fulfill all the following:

- maintain acceptable GPAs
- enroll and complete critical tracking requirements
- complete courses each semester that are applicable to their degrees

University Academic Warning

An undergraduate student with a cumulative GPA of less than 2.00 at the end of their first semester (fall or spring) is considered to be in the status of University Academic Warning. If after one term with an academic warning a student still has not achieved the minimum GPA standard of 2.00, the student will be placed on probation for at least one additional term. If a student's minimum GPA first falls below the standard in a term that is not the student's first term at ASU, the student will be placed on probation. Failure to return to good academic standing after being placed on probation may result in disqualification.

A student with an academic warning is considered in conditional good standing and is permitted to enroll.

Whether a student's status is an academic warning or probation, the student must meet with an academic success specialist to discuss academic success strategies for the subsequent semester and develop a success plan for returning to university academic good standing. At the discretion of the student's college or school, that plan may require successful completion of UNI 220 Academic Refresher/Mindset Connections.

Ira A. Fulton Schools of Engineering Probation

There are many reasons why some students do not make satisfactory progress. These students are placed on Ira A. Fulton Schools of Engineering academic probation to ensure they get the extra attention and resources they need that will help them get back in good standing. Working with an academic advisor to plan a strategy for success is crucial. Students may be required to reduce their course loads (13 credit hours maximum), retake courses or even take courses outside of their programs.

To return to academic good standing in the Ira A. Fulton Schools of Engineering, students on probation need to earn a minimum semester GPA of 2.25 and earn a minimum cumulative ASU GPA of 2.00 at the end of the probation semester. If enrolled in only one course, a grade of "C+" (2.33) or better and a minimum cumulative ASU GPA of 2.00 is required to obtain academic good standing. Students who meet either the semester GPA requirement or the cumulative ASU GPA requirement at the end of their first probationary semester may be continued on probation. Courses completed during summer sessions are not used to reevaluate a student's probationary status.

Conditions for Ira A. Fulton Schools of Engineering Probation

A student is placed on college or university probation when specific academic expectations are not met. Some conditions trigger an automatic placement on probation whereas others trigger an automatic review of the student's case to determine if probation is warranted. When a probation review is triggered, the final decision and any conditions of probation are determined at the program level.

Automatic probation is triggered by any of the following:

- two successive semesters with GPAs less than 2.00
- an ASU cumulative GPA less than 2.00

Automatic review (borderline) is triggered by any one of the following:

- a semester with a GPA less than or equal to 2.00
- a cumulative GPA in the major of less than 2.00

Ira A. Fulton Schools of Engineering Continuing Probation

A student on probation or continuing probation at the university level is placed on college-level continuing probation status when specific academic expectations are not met. When a continuing probation review is triggered, the final decision and any conditions of continuing probation are determined at the college level.

To return to academic good standing in the Ira A. Fulton Schools of Engineering, students on continuing probation need to earn a minimum semester GPA of 2.25 and earn a minimum cumulative ASU GPA of 2.00 at the end of the probation semester. If enrolled in only one course, a grade of "C+" (2.33) or better and a minimum cumulative ASU GPA of 2.00 is required to obtain academic good standing.

Automatic continuing probation is triggered by any of the following:

- a student on probation does not attain a semester GPA of 2.25 or greater and has a cumulative GPA of at least 2.00 at the end of the probation semester
- a student on probation or continuing probation obtain a semester GPA of 2.25 or greater and has a cumulative GPA less than 2.00

Ira A. Fulton Schools of Engineering Ineligibility

Students who are on continuing probation and fail to meet the schools' retention standards become ineligible to continue working toward a degree within the Ira A. Fulton Schools of Engineering.

Ineligibility occurs if the continuing probationary student does any of the following:

- does not attain a semester GPA of 2.25 or greater and has a cumulative GPA of at least 2.00 at the end of the probationary semester
- has already been on probation for two consecutive semesters
- fails to complete any courses appropriate for the degree during each semester

Ineligible students are subject to the following limitations:

- Students who change colleges may not register for courses in the Ira A. Fulton Schools of Engineering unless the courses are required by their new majors.
- Students who register for courses in the Ira A. Fulton Schools of Engineering may be withdrawn from these courses any time during the semester they are registered.

Ineligible students are encouraged to consider these options:

- Students may be eligible to change their majors to other colleges if they are in university academic good standing and have acceptable cumulative GPAs; the acceptable GPA level depends on the number of hours of completed coursework. Students should contact their advisor to determine if this is an option for them.
- Students may take nonengineering courses during summer sessions.
- An ineligible student may apply for readmission to the college after one calendar year.
- Students may request a status review by contacting the Office of Academic and Student Affairs.

Ira A. Fulton Schools of Engineering Disqualification

Students who are on probation or continuing probation and fail to meet the schools' retention standards become disqualified to continue working toward a degree within the Ira A. Fulton Schools of Engineering.

Disqualification occurs if the student on probation or continuing probation does not attain a semester GPA of 2.25 or greater and has a cumulative GPA less than a 2.00 at the end of the probation semester.

Disqualified students are subject to the following limitations:

- A disqualified student is not allowed to register in a fall or spring semester at the university. If the student has already registered for a future fall or spring semester, the registration is canceled.
- A student who has been disqualified may apply for readmission to the college after one calendar year.
- A disqualified student may not attend as a nondegree student.
- If a disqualified student elects to attend another university or two-year college, any credits earned there will not affect the ASU cumulative GPA. A course repeated elsewhere will not result in a replacement of a grade earned at ASU.

Advising

Successful completion of a program in the Ira A. Fulton Schools of Engineering requires careful planning. While final responsibility lies with each student for becoming familiar with and understanding academic degree requirements, each program employs professional academic advisors who work with students in setting academic and career goals, understanding school and university policies and procedures, meeting degree requirements, and becoming familiar with sources of academic support within the university. Students may also work with faculty advisors familiar with the chosen fields of specialization. Students should consult their advisors prior to registering each semester. A list of program advisors can be viewed at <https://advising.engineering.asu.edu/> [3].

Students are encouraged to use the eAdvisor tool for academic planning. This service provides critical requirements and major maps, which are individualized student reports that lay out a specific, clear and accurate path to timely completion of each student's intended degree. eAdvisor is accessed at <https://eadvisor.asu.edu> [4].

Many students find it necessary to work while attending ASU. The working student should endeavor to create a careful balance of work and class responsibilities to avoid academic problems. Students should inform their academic advisors of any outside work or activity so that course loads may be adjusted accordingly.

Staff in the Office of Academic and Student Affairs in the Ira A. Fulton Schools of Engineering are available to assist individual students with many different types of advising issues. They work with students to answer general questions about policies and procedures; help with registration transactions; administer the probation, disqualification and readmission processes; oversee disciplinary actions; hear grade grievances; and, assist with other administrative matters.

Mandatory Advising

All first-year students, student athletes and students who are found to be having academic difficulty are required to be advised before they can register for classes, including summer sessions classes. Some programs relax the advising requirement after the first year, so students should consult their academic advisor or review the My Tasks list in My ASU to determine if advising is required.

Credit/Registration

Students are required to register for courses using one of the university-provided processes. As part of the registration process, the school enforces the following registration restrictions.

Maximum Hours

Students enrolled in undergraduate degree programs in the Ira A. Fulton Schools of Engineering may register for a maximum of 19 credit hours per semester. Any student wanting to register for more than the maximum must submit a college standards petition and have an approval on file prior to registering for the overload.

Ira A. Fulton Schools of Engineering Probationary Status

Students who have been placed on academic probation with the Ira A. Fulton Schools of Engineering must meet with their academic advisors and complete their probation success plans. The success plan is designed to assist students in identifying a path to academic success and can be found at https://advising.engineering.asu.edu/wp-content/uploads/2020/02/Probation_Success_Plan_2016.docx [5]. Students on academic probation with the Fulton Schools may enroll in a maximum of 13 credit hours per semester.

Degree Requirements

Undergraduate Nondegree Status

Students who are enrolled in an undergraduate nondegree status in the schools must obtain advising and approval to register from the Office of Academic and Student Affairs before registering each semester.

Course Prerequisites

Students should consult the schedule of classes and the catalog for course prerequisites. Students who register for courses without the designated prerequisites may be withdrawn without their consent at any time before the final examination. Such withdrawal may be initiated by the course instructor, the program chair of the program offering the course or the dean of the college. In such cases, students will not receive monetary reimbursement.

Pass/Fail Grades

Students requesting credit for pass/fail courses taken at another institution must file an Ira A. Fulton Schools of Engineering standards petition. Each request is judged on its particular merits.

Non-Ira A. Fulton Schools of Engineering Students

Students who are not admissible to programs in the Ira A. Fulton Schools of Engineering and who enroll in another college at ASU may not register for any 300- or 400-level courses in the schools unless the courses are required in their degree programs and the students have the proper course prerequisites.

First-year Composition Requirement

Completion of the first-year composition requirement is required for graduation. Any student whose written or spoken English is unsatisfactory in any course may be required by the appropriate school director or program chair to take additional course work. The first-year composition requirement is at https://catalog.asu.edu/ug_grad_req [6].

Concurrent Degrees

Students interested in pursuing a concurrent degree should consider several aspects:

- The degree conferral date occurs when all degree requirements are satisfied for each undergraduate degree program; that is, students receive both degrees at the same time regardless if course work for one degree is completed prior to the other degree.
- Admission criteria, policy for double-counting credits, and other requirements and rules are defined by the school or college offering the degree program.
- Financial aid and scholarship limits apply and may not cover all semesters; therefore, students may need to invest more time, and hence more funds, to complete concurrent degrees.

Once a decision is made to pursue a concurrent degree, the process must be set in motion:

- A student pursuing a concurrent degree must meet with both program advisors to learn about degree and graduation requirements of both degree programs and the eligibility requirements for filing a petition. Both advisors should review the graduation plan that outlines courses the student will take each semester.
- The student must file a standards petition form with each respective school or college offering the desired degree programs to request permission to pursue the concurrent degrees. The petition form is available online at https://students.asu.edu/College_Standards_Petitions [7]. The petition form is also available in-person from the program academic advisor.

Petition approvals result in the posting of concurrent degrees in PeopleSoft. If the student later decides to drop one of the degrees, the student should inform the University Registrar Services [8] Graduation Office that they are no longer interested in pursuing concurrent degrees.

Change of Major

Students interested in switching majors to one of the programs within the Ira A. Fulton Schools of Engineering must meet the schools' admission requirements for transfer students. This requirement is true for students admitted to ASU as first-year or transfer students. A change of major is not guaranteed, and students interested in changing majors are encouraged to make an appointment with an advisor in the program of interest to discuss the probability of success and to develop a plan of action to ensure successful advancement to upper-division courses. For admission information, students should visit <https://engineering.asu.edu/admission-requirements/> [9].

Students who were admitted as first-year students into the Ira A. Fulton Schools of Engineering, with the exception of The Polytechnic School, and who have maintained continuous enrollment in any Fulton Schools major may choose to change to any other major within the Ira A. Fulton Schools of Engineering provided they are in good academic standing [10]. Students admitted to the Polytechnic School must meet the transfer admission requirements in order to change to a Fulton Schools major outside of the Polytechnic School.

Evaluation of Previous Coursework

Transferring from one institution to another or between programs can result in a net loss of credits that count toward the degree. Thus, it is important for students who contemplate transferring into the Ira A. Fulton Schools of Engineering from other institutions, whether community colleges or four-year institutions, to carefully study the requirements of their degree programs to get a sense of which courses may transfer.

Credit is granted for transferred courses deemed equivalent to corresponding courses in the selected program of study, subject to grade and ASU resident credit requirements. No grades lower than "C" (2.00) are accepted as transfer credit to meet the graduation requirements of the schools. Credits transferred from a community college or two-year institution are applied only as lower-division credits. For a listing of the acceptable courses transferable to the various degree programs, prospective Arizona transfer students should consult their advisors and refer to the ASU transfer tools available at <https://admission.asu.edu/transfer> [11].

Some courses taken at ASU or other universities may be acceptable for general university credit but may not be applicable toward the degree requirements of the schools. Determination of those particular courses applicable to a specific degree program is made within the appropriate academic unit with approval of the dean.

Currency of Coursework

Courses taken more than five years before admission to degree programs in the Ira A. Fulton Schools of Engineering are not normally accepted for credit in the engineering major, at the option of the program in which the applicant wishes to enroll. However, students still may earn university elective credit or general studies credit for these courses. Courses completed within the five years preceding admission are judged for their applicability to the student's curriculum.

General Education Development

Students admitted to the university after successful completion of a GED examination are directly admitted to the Ira A. Fulton Schools of Engineering Bachelor of Science or Bachelor of Science in engineering program within their majors, provided they meet the minimum ACT or SAT score required for first-year admission to the Ira A. Fulton Schools of Engineering.

Graduation Requirements

To qualify for graduation, an Ira A. Fulton Schools of Engineering student must have a minimum cumulative ASU GPA of 2.00 in addition to having a GPA of at least 2.00 for the courses in the major.

University Graduation Requirements

In addition to program and the Fulton Schools' requirements, students must meet all university graduation requirements. A well-planned program of study enables students to meet all requirements in a timely fashion. Students are encouraged to consult with an academic advisor in planning a program, to ensure they comply with all necessary requirements. University graduation requirements can be found at https://catalog.asu.edu/ug_grad_req [6].

Reinstatement/Readmission

Readmission

Undergraduate degree-seeking students who previously attended ASU in the Ira A. Fulton Schools of Engineering but have not been enrolled at ASU for up to seven consecutive semesters are eligible to return through quick reentry. Students do not need to submit a new application or application fee, but they must contact an academic advisor in their program for registration.

Undergraduates who have been away from the university for more than seven semesters and want to return to ASU in an Ira A. Fulton Schools of Engineering program are required to apply for readmission through the admission services office. Readmission requests are processed as follows:

1. School of Engineering students seeking readmission to the same program they left and who left ASU with either academic good standing or probation status are readmitted to the degree program they left with the same academic standing they had when they left ASU (i.e., good academic standing or probation).
2. Students seeking readmission to an Ira A. Fulton Schools of Engineering program other than the program they left and who have an ASU GPA of 3.00 or greater are readmitted to the degree program with the same academic standing they had when they left ASU (i.e., good academic standing or probation).
3. Students seeking readmission to an Ira A. Fulton School of Engineering program other than the program they were in when they left ASU with either academic good standing or probation status and who have an ASU GPA less than 3.00 are subject to the process of admission by change of major. These requests for readmission are reviewed on an individual basis. If the request for readmission is approved, the student is readmitted to the new degree program with the same academic standing he or she had when leaving ASU (i.e., good academic standing or on probation).
4. Students seeking readmission to an Ira A. Fulton Schools of Engineering program and who left ASU with either ineligible or disqualified status are subject to review by the Office of Academic and Student Affairs and the program. Readmission is only considered after a student has remained out of the Ira A. Fulton Schools of Engineering for a minimum of 12 months. A student is required to supply proof of now being capable of successfully completing courses in the discipline by the completion of at least 15 hours of appropriate coursework with a GPA of 3.00 or higher and a cumulative GPA (ASU plus transfer) of at least 2.50. If the readmission request requires a change of major, then the student must complete the review process for admission by change of major. If readmission is approved, the student will return with continued probation status in the appropriate degree program.

Once readmitted, returning students are required to meet with a program advisor before enrolling in courses at ASU.

Other Special Requirements

Advancing to Upper-division Courses

The faculty in the Ira A. Fulton Schools of Engineering have identified a set of critical requirements in the first four semesters of each program whereby performance in these critical requirements is a key component in progressing in the chosen major. These critical requirements include a set of courses and performance levels required in those courses and are outlined on the major maps.

Graduate Policies

Policy for Maintaining Satisfactory Academic Progress

A student who has been admitted to a graduate degree program in the Ira A. Fulton Schools of Engineering, with either regular or provisional admission status, must maintain a GPA of 3.00 or greater in all the following:

1. all work taken for graduate credit (courses numbered 500 or higher)
2. coursework in the student's approved plan of study

3. all postbaccalaureate course work taken at ASU (overall GPA)

A student will be placed on academic probation if one or more of the student's GPAs listed above is less than 3.00. Students will be notified by mail when placed on academic probation.

A student will earn academic good standing by obtaining a 3.00 or greater in the GPAs listed above by the time the next nine hours are completed. Coursework such as research and dissertation and any course that is graded with a "Z" (in progress) or "Y" (satisfactory) cannot be included in these nine hours.

A student may be recommended for dismissal from a graduate program if the student fails to increase all the GPAs listed above to 3.00 or greater by the time he or she completes at least nine credit hours as defined in the previous paragraph.

A student may appeal actions concerning dismissal by petitioning the program in which they are enrolled.

Academic units in the Ira A. Fulton Schools of Engineering can expand this policy statement to include additional policy governing the satisfactory academic progress of the students in their graduate programs.

Additional Graduate Policies

Full details of policies related to graduate students in the Ira A. Fulton Schools of Engineering can be found on each program's Web page. For a list of programs, students should visit <https://engineering.asu.edu> [1]. University policies related to graduate students can be found at <https://graduate.asu.edu> [12].

Students must fulfill all requirements of their individual graduate programs to remain in good academic standing and they must abide by all university policies including those of the Graduate College and the Ira A. Fulton Schools of Engineering.

Source URL: <https://catalog.asu.edu/policies/engineering>

Links:

[1] <https://engineering.asu.edu/>

[2] <https://provost.asu.edu/academic-integrity>

[3] <https://advising.engineering.asu.edu/>

[4] <https://eadvisor.asu.edu/>

[5] https://advising.engineering.asu.edu/wp-content/uploads/2020/02/Probation_Success_Plan_2016.docx

[6] https://catalog.asu.edu/ug_grad_req

[7] https://students.asu.edu/College_Standards_Petitions

[8] <https://students.asu.edu/contact/office-university-registrar>

[9] <https://engineering.asu.edu/admission-requirements/>

[10] https://catalog.asu.edu/retention_standing

[11] <https://admission.asu.edu/transfer>

[12] <https://graduate.asu.edu/>

School for the Future of Innovation in Society Policies

The transdisciplinary programs and coursework offered by the School for the Future of Innovation in Society focus on the intersections of science, technology, development, innovation and society, enabling students to engage and rethink the social and technical aspects of innovation. They are then able to envision, design and build the futures people would want to inhabit. The school's transdisciplinary team of faculty has an extraordinary track record of research and service. The faculty members are dedicated to teaching and mentoring students and cultivating the knowledge, skills, and dispositions with which the school's graduates will approach and construct the future.

Academic Integrity

At ASU, students are part of an academic community that is engaged in learning and inquiry and based on the quest for truth, thus committing themselves to a path of honesty and integrity. Therefore, it is expected that they integrate that responsibility with their conduct. Students' coursework, research and projects must be original and reflect individual effort and integrity. When in doubt about appropriate conduct, students should consult a faculty mentor to seek clarification. The School for the Future of Innovation in Society has a zero-tolerance policy for any form of academic misconduct. Penalties for unethical behavior range from being placed on academic probation to being dismissed from the program.

The ASU Student Academic Integrity Policy determines all related violations of this policy and will be strictly followed and enforced. A copy of the policy is available at <https://provost.asu.edu/academic-integrity> [1].

Undergraduate Policies

Academic Standing

To be considered in academic good standing in the School for the Future of Innovation in Society, students must have at least a cumulative GPA of 2.00 or higher.

Probation

Students who do not achieve a 2.00 GPA will be placed on university academic probation and must meet with an advisor to discuss academic success strategies. Students on academic probation will be required to take UNI 220 Academic Refresher. UNI 220 will appear on the students' DARS as a graduation requirement. In addition, students who have fewer than 24 credit hours will be required to participate in the ASU Pathway for Achieving Student Success program [2].

Within one semester, a student on academic probation must do one of the following:

1. Raise the ASU cumulative GPA to 2.00 or greater to return to academic good standing.
2. Obtain a semester GPA of 2.00 or greater to be continued on probation. Students on continued academic probation may continue for as many semesters as needed to achieve academic good standing.

Disqualification

Students who fail to meet the criteria for continued probation may be disqualified from ASU. Students who have been disqualified may attend summer sessions but not fall or spring sessions until they are qualified to be readmitted.

Once readmitted, the student may be placed on academic probation for at least two semesters. Students on probation will have two semesters to raise their cumulative GPA to meet ASU academic good standing (2.00). Failure to do so will result in disqualification from the university. Students should refer to the School for the Future of Innovation in Society undergraduate handbook for more information.

Academic Policy Appeals

Academic appeals regarding school policies should be discussed with the student's academic advisor, and students may be required to submit a petition [3] to the School for the Future of Innovation in Society Undergraduate Programs

Committee within the semester of probation or the one immediately following. Some petitions may require a secondary review by the ASU University Undergraduate Standards Committee.

Academic Advising

All students are encouraged to seek advising before registration. Students must follow the calendar published in the registration and tuition payment guide each semester for information and deadlines pertaining to enrollment, adding or dropping classes and withdrawals.

In addition to information provided by an academic advisor, students are expected to read the requirements for the university's General Studies and major degree requirements in their edition of the ASU academic catalog. The ASU academic catalog is the governing source for all degree requirements.

Advising Information: <https://sfis.asu.edu/student-life/academic-resources/advising> [4]

Mandatory Advising

The following students in the School for the Future of Innovation in Society must receive advising clearance prior to course registration:

- new and transfer students in their first two semesters of attendance
- readmitted students in their first returning semester
- students on academic probation or continued probation
- students with 87 credit hours or more completed
- students who are off track for graduation
- students who have been disqualified

Students are encouraged to check their advising status requirements each semester before attempting any registration transactions through My ASU [5].

Credit/Registration

Students enrolling in courses offered by the School for the Future of Innovation in Society are expected to follow the rules and deadlines specified in this catalog and the current registration and tuition payment guide. Students are encouraged to meet with their academic advisor before registration.

Course Load

Students may enroll in a maximum number of 18 credit hours per fall or spring semester, with a maximum number of nine credits taken in session A or session B. Students may enroll in a maximum of 14 credits for a summer session, with no more than seven credits in session A or session B. Any student wishing to enroll in more than the 18 credit hour limit in the fall or spring (or 14 in summer) or more than the nine credit hour limit in an A or B session (or seven hours in either summer A or summer B) should first meet with their academic advisor to discuss a course overload. Students should contact SFISAdvising@asu.edu to request a credit hour limit increase.

More details on credit hour limits are available at https://catalog.asu.edu/course_load [7].

Repeat/Replace Policy

Students wishing to repeat courses and possibly replace prior course grades must follow the policy stated in the university's Student Services Manual [8] regarding the number of credit hours that can be repeated and the types of courses that are eligible for a grade replacement.

Generally, students may not repeat an undergraduate course for credit when a grade of "C" or higher is earned. Students wishing to repeat a course with a grade of C or higher, must petition [9] the School for the Future of Innovation in Society Undergraduate Program Committee.

Students wishing to repeat a course for a third time must petition [3] the School for the Future of Innovation in Society Undergraduate Program Committee. Students should contact the advising office for information.

Pass/Fail Grade Options

A grade of “Y” (satisfactory) contributes to a student’s earned hours but does not affect the GPA.

A failing grade of “E” is calculated into the GPA.

The pass/fail grade option may be used under the following conditions:

- Approval has been granted from the instructor and the School for the Future of Innovation in Society Undergraduate Program Committee.
- Enrollment for the pass/fail option must be indicated during registration and may not be changed after the drop/add period.
- A maximum of 12 hours taken for pass/fail may be counted toward graduation.

School for the Future of Innovation in Society students may not enroll under the pass/fail option in the following courses:

- first-year composition requirements
- General Studies requirements
- honors credits
- language proficiency requirements
- major, minor, concentration area or certificate program

Audit Grade Option

Students may choose to audit certain courses in which they attend regularly scheduled class sessions but earn no credit. Students should obtain instructor approval before registering for the courses. The option to audit is not available for all courses. This grade option may not be changed after the drop/add period.

General Studies Courses

In order to earn an undergraduate degree at ASU, students must take a distribution of General Studies courses [10] to ensure that they get not only depth, but a breadth of education. These courses fall into five core areas – Literacy and Critical Inquiry; Mathematical Studies; Humanities, Arts and Design; Social-Behavioral Sciences; and Natural Sciences – and three awareness areas – Cultural Diversity in the United States; Global Awareness; and Historical Awareness. To help students graduate quickly and to illustrate the interdisciplinary education the SFIS undergraduate programs offer, a number of FIS courses meet a variety of general studies requirements. Courses that meet the different General Studies requirements are generally noted in the course catalog. However, it is possible in special circumstances for a student to get general studies credit for a course that is not officially registered as a General Studies course. To request such a replacement course, students should fill out and submit this form:

General Studies Checklist <https://provost.asu.edu/curriculum-development/gsc/designation-request-forms> [11]

Grade Appeals

The steps outlined here, beginning with step A, must be followed by any student seeking to appeal a grade. Student grade appeals must be processed in the regular semester immediately following the issuance of the grade in dispute (by commencement for fall or spring) regardless whether the student is enrolled at the university. It is university policy that students filing grievances and those who are witnesses are protected from retaliation. Students who believe they are victims of retaliation should immediately contact the dean of the college or school in which the course is offered.

Informal

A. The aggrieved student must first undergo the informal procedure of conferring with the instructor, stating any evidence and reasons for questioning that the grade received was not given in good faith. The instructor is obliged to review the

matter, explain the grading procedure used and show how the grade in question was determined. If the instructor is a graduate assistant and this interview does not resolve the difficulty, the student may then take the problem to the faculty member in charge of the course (regular faculty member or director of the course sequence).

B. If the grading dispute is not resolved in step A, the student may appeal to the chair of the academic program that oversees the course within the School for the Future of Innovation in Society by filling out this petition [3]. The program chair may confer with the instructor to handle the problem.

C. If these discussions are not adequate to settle the matter to the complainant's satisfaction, the student may then confer with the Director of the School for the Future of Innovation in Society. If unresolved, the Director may refer the case to the school's academic grievance hearing committee to review the case formally. In most instances, however, the grievance procedure does not go beyond this level.

Formal

The following procedure takes place after steps A, B and C (or A and C) have been completed.

D. The school has on file in the office of the Director the procedures and composition of the undergraduate or graduate academic grievance hearing committee for student grievances. The school committee shall operate under grievance procedures as stated, which satisfy due process requirements. The committee shall always meet with the student and the instructor in an attempt to resolve the differences. At the conclusion of the hearing, the committee shall send its recommendations to the Director.

E. Final action in each case will be taken by the Director after full consideration of the committee's recommendation. Any recommended grade changes may be made by the Director. The Director shall inform the student, instructor, program chair, registrar and grievance committee of any action taken.

Degree Requirements

All candidates for graduation are required to complete at least 120 credit hours, of which at least 45 hours must consist of upper-division courses. A minimum ASU cumulative GPA of 2.00 is required for graduation. All new School for the Future of Innovation in Society first-year students are required to enroll in the FIS 101 course during their first ASU semester.

Minors

The school offers a minor in Innovation in Society. Students may not use courses in their minors toward their majors and, similarly, students may not use courses in their majors to fill the requirements of their minors.

Concurrent Degrees

The School for the Future of Innovation in Society allows students to request approval to pursue a concurrent degree if they:

- have completed at least 30 graded credit hours
- are in good academic standing
- have a minimum GPA of 2.00

Concurrent degrees may not be from the same discipline or have overlap in the core courses required for each major.

Students must earn at least 30 unique credit hours for each degree.

To request a concurrent degree, the student must meet with an academic advisor and fill out the petition [3] form. If the second program is outside of SFIS, the student is also required to get approval from the other college or school that offers the concurrent degree program.

Critical and Necessary Requirements

All undergraduate majors at ASU are provided an eight-term course plan, called a major map, that leads them to graduation in four years. School for the Future of Innovation in Society students must meet the critical and necessary requirements listed on their major maps.

A student who does not comply with the critical requirements is off track and will have a hold placed on their record. To have the hold removed, the student will be required to meet with a School for the Future of Innovation in Society academic advisor. For more information about critical requirements, students should refer to the corresponding major map or eAdvisor at <https://eadvisor.asu.edu/> [12].

Readmission

Students who have been disqualified from ASU may be readmitted when they submit a letter of explanation to the School for the Future of Innovation in Society Undergraduate Program Committee for a fall or spring semester if they complete one of the following:

1. Raise their ASU cumulative GPA to good academic standing (2.00) by taking ASU summer session courses.
2. Complete 12 or more transferable credit hours at a community college or university with no grades less than “C” and a GPA of 2.50 or greater. Courses in which the student failed or received a “D” at ASU should not be repeated at another institution.

Once readmitted, the student may be placed on academic probation for at least two semesters. Students on probation have two semesters to raise their cumulative GPA to meet ASU academic good standing (GPA of 2.00). Failure to do so results in disqualification from the university.

Graduate Policies

The school’s graduate policies are guided by the university policies on graduate studies. For details, students should see <https://graduate.asu.edu/current-students/policies-forms-and-deadlines/policy-manuals> [13].

Academic Standing

Students are expected to make planned and systematic progress toward completion of their graduate program. This progress includes being in good academic standing and achieving the benchmarks and requirements set by the programs, including additional satisfactory progress policies. Students are responsible for verifying that all these requirements are met as well as any additional requirements concerning satisfactory academic progress, probation and disqualifications.

Students failing to satisfy their graduate program requirements or the benchmarks outlined below may be recommended to the Graduate College for dismissal from their programs. Details are available at <https://graduate.asu.edu/current-students/policies-forms-and-deadlines/policy-manuals> [13].

To be in good academic standing, students are required to maintain a minimum GPA of 3.00 on all GPAs (plan of study, cumulative and graduate). These include all coursework on their approved interactive plan of study, on all postbaccalaureate course work taken at ASU, and on graduate credit courses (those numbered 500 or higher).

A student with a cumulative GPA less than 3.00 will be placed on academic probation and may be subject to dismissal. If any GPA is less than 3.00, the student must develop, with the advisor, an academic performance improvement plan that includes the conditions and time frames for making satisfactory academic progress in their degree program. The student is considered to be on academic probation until the conditions specified in the academic performance improvement plan are met and GPAs are greater than 3.00. Coursework such as research and dissertation and any course that is graded with a “Z” (in progress) or “Y” (satisfactory) cannot be included in the GPA.

Students must also satisfy the maximum time limit for graduation from the student’s graduate program: six years for master’s degrees and certificates, 10 years for doctorates.

Students must successfully pass any comprehensive exams, qualifying exams, foreign language exams, and an oral defense of the proposal or prospectus for the thesis, dissertation or any other culminating events required for their program.

Students must stay continuously enrolled in their graduate degree program. Failing to do so without a Graduate College-approved request to maintain continuous enrollment is considered to be a lack of academic progress and will lead to automatic dismissal of the student from the graduate program.

Degree Requirements

Each graduate student in the school will be required to file an interactive plan of study by the time they have enrolled for 50 percent of the minimum credit hours required for their degree program. Once admitted, the student will meet with the faculty or program advisors to begin to prepare their plan.

While the ultimate responsibility for understanding the requirements of their respective academic degrees remains with each student, the School for the Future of Innovation in Society provides to students advising services that will help them understand the school's policies and procedures and allow them to set their academic goals.

Students must fulfill all requirements of their individual graduate programs and abide by all university policies, including those of the Graduate College. Full details of policies and procedures related to the school's graduate programs can be found on each program's webpage at <https://sfis.asu.edu/degree-programs> [14].

Graduate Student Grade Appeal Policy and Process

Graduate students who disagree with the final grade they receive for a graduate course should refer to the Graduate Student Grade Appeal Policy and Process form [15] to determine the steps they can take to appeal the grade.

Source URL: <https://catalog.asu.edu/policies/sfis>

Links:

- [1] <https://provost.asu.edu/academic-integrity>
- [2] <https://tutoring.asu.edu/success-programs/pass>
- [3] https://sfis.asu.edu/sites/default/files/sfisstandardspetition_2019.docx
- [4] <https://sfis.asu.edu/student-life/academic-resources/advising>
- [5] <https://my.asu.edu/>
- [6] <mailto:SFISAdvising@asu.edu>
- [7] https://catalog.asu.edu/course_load
- [8] https://students.asu.edu/grades#repeat_course
- [9] <https://sfis.asu.edu/sites/default/files/j-sfisstandardspetition.pdf>
- [10] https://catalog.asu.edu/ug_gsr
- [11] <https://provost.asu.edu/curriculum-development/gsc/designation-request-forms>
- [12] <https://eadvisor.asu.edu/>
- [13] <https://graduate.asu.edu/current-students/policies-forms-and-deadlines/policy-manuals>
- [14] <https://sfis.asu.edu/degree-programs>
- [15] https://sfis.asu.edu/sites/default/files/sfis_-_graduate_grade_appeal_policy_and_process_aug-2019.pdf

Thunderbird School of Global Management Policies

For more than 70 years, Thunderbird has been the vanguard for global leadership and management education. Since 1946, Thunderbird has guided exceptional individuals to shape meaningful and impactful careers all over the world --- as entrepreneurs and innovators, as leaders of multinational corporations and family businesses, and as individuals in government agencies, international organizations and in the nonprofit sector.

Today, we live in a time of great upheaval across the globe. The advent of the Fourth Industrial Revolution is transforming our lives and poses seemingly unlimited opportunities for the achievement of sustainable prosperity and peace in our world. At the same time, the rise of reactionary nationalisms and parochialisms pose a fundamental challenge to the progress we have made, from decades of global openness and integration, while the perils of overconsumption and climate change have made our planet ever more fragile.

Thus, perhaps more than ever, the world needs Thunderbird graduates possessing contextual global mindsets and unparalleled fluencies to work across countries, across sectors and across cultures.

Academic Integrity

Academic honesty is expected of all students in all examinations, papers, laboratory work, academic transactions and records. The ASU Student Academic Integrity Policy is strictly enforced for students found in violation of this policy. Possible sanctions include appropriate grade penalties, loss of registration privileges, disqualification and dismissal. More information is available at <https://provost.asu.edu/academic-integrity> [1].

For more information on graduate specific policies, students should refer to the specific graduate program manual and they should also review <https://graduate.asu.edu/current-students/policies-forms-and-deadlines/academic-integrity> [2].

Undergraduate Policies

Academic Standing

To maintain satisfactory academic progress, all students in the Thunderbird School of Global Management must:

1. maintain a minimum GPA of 2.00 each semester
2. maintain a minimum cumulative GPA of 2.00

Probation

A student is placed on probation at the end of the fall or spring semester if their GPA is less than 2.00.

Continuing Probation

A student is placed on continuing probation when their cumulative GPA is less than 2.00 for two consecutive semesters but they have shown academic progress.

eAdvisor Tracking

In addition to being in university good academic standing, all students in the Thunderbird School of Global Management must adhere to ASU critical tracking requirements, per the pertinent major map. Students are off track if they fail to meet ASU critical tracking requirements. For more information on critical tracking courses, students should see <https://webapp4.asu.edu/programs/t5/MajorMaps> [3].

Students who remain in off-track status for two or more consecutive semesters may be required to change majors.

Disqualification

Students are disqualified from ASU if their cumulative GPA remains less than 2.00 for more than two consecutive semesters. Students who are disqualified are not allowed to enroll in the following fall or spring semester.

Remediation

Students are required to meet with an academic advisor if they are placed on probation, continuing probation, off-track status or are at risk for disqualification, at which point an appropriate remediation plan will be discussed.

Advising

Thunderbird School of Global Management is committed to the personal, social and academic experiences of students by providing high-quality, student-centered academic advising, ensuring the accuracy and accessibility of information and resources, and partnering with students to help them reach their career goals.

Academic advising is required for the following students:

- All first-year and new transfer students are required to meet with an academic advisor before course registration. Thus, first-year students are required to meet with an academic advisor prior to both their first and second semesters.
- Students not in satisfactory academic standing (i.e., probation, continuing probation, off-track status, disqualification, etc.) are required to meet with an academic advisor to discuss a remediation plan.

Faculty and staff utilize academic status reports to provide student feedback over the course of the academic semester and year. Academic status reports may be used to identify students who are struggling academically or professionally or to recognize students who are exceeding in coursework. Academic advisors and faculty mentors may access ASRs to provide students with valuable insight into performance improvement: <https://students.asu.edu/asrr> [4].

Credit/Registration

Course Load

Students are allowed to register for a maximum of 18 credits per semester. To register for more than the maximum allowable, students may petition the Thunderbird School of Global Management Standards Committee through their program director. No student should assume that a petition for overload will be granted. For more information, students should see https://catalog.asu.edu/course_load [5].

Transfer Work

Transfer credits from other institutions may be accepted and applied based on the student's major. Credit is granted for transferred courses deemed equivalent to corresponding courses in the selected program of study, subject to grade and ASU resident credit requirements. No grades less than "C" (2.00) transfer to ASU. Credits transferred from a community college or two-year institution are applied as lower-division credits. The Thunderbird School of Global Management recommends that students work closely with their academic advisor to determine the process for applying pertinent transfer credit hours to their program of study. For more information on the transfer process and a list of the courses transferable to the various degree programs, students should consult their advisor and refer to the ASU transfer tools at <https://admission.asu.edu/transfer> [6].

Course Prerequisites

Course prerequisites are established to ensure student success in a course. Students must complete all course prerequisites prior to enrolling in the desired course. Prerequisite overrides may be granted under the following conditions:

- A transfer course has been accepted by advisor to fulfill required course prerequisite.
- A prerequisite override has been granted by an advisor, instructor or other authority.

Grade of Incomplete

A grade of incomplete for a course may be granted by permission of the instructor under the following conditions:

- The student is in good standing academically at ASU.
- The student has completed a substantial portion of the required coursework.

- The student has experienced extenuating circumstances prior to the end of the semester, preventing completion of the course: <https://students.asu.edu/forms/incomplete-grade-request> [7].

If qualified, students have one calendar year to complete course requirements. If requirements are not met per the standards agreed upon with the course instructor after one calendar year, the incomplete will be adjusted to reflect a course failure.

Pass/Fail Grade Option

A grade of “Y” (satisfactory) contributes to a student’s earned hours but does not affect the GPA. A failing grade of “E” is calculated into the GPA.

The pass/fail grade option may be used under the following conditions:

- Approval has been granted by the instructor and college offering the course.
- The pass/fail option was chosen during initial registration for the course, if available.

Thunderbird students may not enroll under the pass/fail option in the following courses:

- those taken to satisfy first-year composition requirements
- those taken from the student's major, minor or certificate program
- those taken for honors credits
- those counted toward satisfying Thunderbird general studies requirements
- those counted toward satisfying Thunderbird language and culture proficiency requirements

Pass/fail credit taken at another institution may be petitioned for use, but only if the student can demonstrate proof that the pass grade was equivalent to a “C” (2.00) or greater.

Withdrawal

Complete Session Withdrawal Information

Since a complete session withdrawal from the university can be a difficult decision and could result in serious academic and financial consequences, undergraduate students are required to contact the college or school of their major to facilitate the withdrawal process.

Students must complete the following steps in the order in which they are listed:

1. Fill out a complete session withdrawal form: <https://students.asu.edu/forms> [8].
2. Make an appointment with their advisor, and take the form to the appointment.

ASU has many resources in place to help students. Students may want to consider one or more of the following:

- **withdraw from just one or two classes (course withdrawal)** -- Students may withdraw from a class while remaining enrolled in other classes as long as the withdrawal is completed between the drop/add deadline and the course withdrawal deadline. Students are encouraged to contact their academic advisor to discuss the impact this may have on meeting critical requirements. Students are also encouraged to contact a financial aid representative to consider any impact withdrawing will have on scholarships, grants and loan packages.
- **request a medical or compassionate withdrawal** -- Medical or compassionate withdrawals are available for students withdrawing from one or more classes due to extraordinary personal mental or physical health conditions or the death or serious illness of a family member or close friend. If approved, students are allowed one medical or compassionate withdrawal during their academic career with Thunderbird. For information concerning medical or compassionate withdrawal requests, students should see <https://students.asu.edu/forms/medical-compassionate-withdrawal-request> [9], and they may obtain the form here: <https://students.asu.edu/files/Medical-Compassionate%20Withdrawal%20Request.pdf> [10].

- **seek tutoring or academic support services** --The Student Success Center provides a variety of services to help students become better learners and gain the confidence and skills to achieve their academic goals. Services include writing centers, math tutoring, subject area tutoring and supplemental instruction. For more information concerning the Student Success Center, students should visit <https://tutoring.asu.edu/student-services/tutoring> [11].
- **make an appointment with ASU's Counseling Services** -- Counseling and mental health services are provided at each of the four ASU campuses. ASU students may seek services at any of the campus counseling centers, regardless of their college affiliation. For more information, students should visit <https://eoss.asu.edu/counseling/location> [12].
- **explore the possibility of an "I" (incomplete) grade**

The following are possible consequences that result from a complete session withdrawal:

- **financial aid** -- Financial aid recipients who completely withdraw from the university may be responsible for immediate repayment of funds. The effect of a complete withdrawal of financial aid depends on when the withdrawal is dated and the type of financial aid. More information is at <https://students.asu.edu/financialaid> [13].
- **tuition and refunds** -- The date of a complete withdrawal will determine whether or not a tuition refund will be generated. Students should review the tuition refund policy for more information: <https://students.asu.edu/tuitionrefundpolicy> [14].
- **health insurance** -- Students should contact their health insurance company to determine whether or not withdrawing from the university affects their coverage.
- **residential life** -- Students who live on campus should contact their residential hall community staff to determine what impact withdrawing will have on their eligibility to live on campus; to complete a license agreement release form; and to arrange an appointment to officially check out. More information is at <https://housing.asu.edu/housing-communities/residential-colleges/casa-de-oro> [15].
- **veteran benefits and certifications** -- Students should contact the appropriate veteran benefits and certifications office to discuss information regarding veterans' educational benefits and military activation. For more information, students should email w.westvso@asu.edu or visit <https://veterans.asu.edu> [16].

For general university withdrawal procedures, students should see <https://students.asu.edu/drop-add> [17].

Degree Requirements

Undergraduate Degree Requirements

All candidates for graduation in the BGM or BS curricula are required to present at least 120 credit hours, of which at least 45 credit hours must consist of upper-division work. A minimum cumulative GPA of 2.00 is required for graduation.

It is the student's responsibility to be aware of the degree program requirements and to select courses accordingly.

To graduate, a student must satisfy the following requirements:

1. ASU 101 or equivalent (first-year students)
2. college proficiency requirements for language
3. university first-year composition and General Studies requirements
4. an additional combined six credit hours of literacy (L) (three hours total) and humanities, arts and design (HU)/social-behavioral sciences (SB) (three hours total) at the upper-division level, in addition to 29 credit hours of General Studies coursework
5. major requirements that involve concentrated course work in one program
6. successful completion of critical-tracking courses as required on the student's major map

For more information regarding eAdvisor tools, students should visit <https://eadvisor.asu.edu> [18].

Language Proficiency Requirement

Each student is required to demonstrate proficiency in the analysis of language by passing an examination or by completing the courses specified below with a grade of "C" (2.00) or greater in each course. Students considering graduate work after completion of the bachelor's degree should consult with faculty advisors regarding language requirements in their intended areas of study. Students should see the program major map for the specific language requirement and contact the advising office for information on applicable coursework.

The language proficiency requirement may be satisfied through one of the following:

- completion of secondary education at a school in which the language of instruction is not English
- completion of a language course at the intermediate level (202 or equivalent)
- completion of an upper-division course or courses taught in a foreign language, taken in the United States or the relevant country
- completion of six credit hours of upper-division courses that have the global awareness designation (G) or cultural diversity in the U.S. designation (C) in addition to the courses used to meet the university general studies requirements

Students whose native language is not English who choose to take a second language must meet or exceed a TOEFL score of 100 or more to register for a non-English language class in the first or second semesters. All students whose native language is not English may register for a language class in their third semester. The first two semesters of English immersion will solidify their English proficiency before a new language is attempted.

Concurrent Degrees

Students who are interested in pursuing concurrent degrees may petition the Thunderbird School of Global Management Standards Committee through their academic advisor:

https://catalog.asu.edu/sites/default/files/attachment/tbird_concurrent_degree_petition.pdf [19].

Thunderbird School of Global Management requires that students interested in applying for a concurrent degree meet the following criteria:

1. a minimum cumulative GPA of 3.00
2. a minimum of 12 credit hours of coursework completed in the first major
3. a minimum of nine credit hours of coursework completed in the second major
4. petition for approval to pursue a concurrent degree before the final semester

For more information on degree requirements, students should see <https://students.asu.edu/programs/> [20].

Thunderbird students may pursue minors in other colleges at ASU. Courses used in the minor may not be used in the student's major program: <https://catalog.asu.edu/index.php?q=minors> [21].

Readmission

Undergraduate degree-seeking students are eligible to return through quick reentry if they previously attended ASU but have not enrolled at ASU for up to seven consecutive semesters. These students are not required to submit a new application or application fee, but they must contact a Thunderbird academic advisor to enroll.

Undergraduates who have been away from the university for three or more semesters and want to return to ASU in a Thunderbird program are required to apply for readmission through Admission Services:

<https://admission.asu.edu/undergrad/readmission> [22].

Disqualified students must follow the procedures for readmission; requests will be reviewed by the college on a case-by-case basis.

Other Special Requirements

Grievance Policy

Undergraduate students with grievances pertaining to an enrolled course should first address issues with the course instructor. If an identified grievance is not resolved with the course instructor, the student should next seek resolution through the academic advisor, and lastly from Thunderbird's academic director of undergraduate programs. Finally, if no resolution has been achieved, the student should contact the dean of faculty at Thunderbird School of Global Management.

Graduate Policies

Academic Progression

Each graduate program in the Thunderbird School of Global Management adheres to specific academic requirements. Students are strongly encouraged to become familiar with the expectations listed for their respective graduate program as well as review ASU graduate education policies found at <https://graduate.asu.edu/policies-procedures> [23] and in the Thunderbird Graduate Student Handbook. Each student should also communicate directly with the program coordinator or academic advisor to ensure a clear understanding of all degree requirements and program expectations. Students must fulfill all requirements of their individual graduate programs to remain in good academic standing and must abide by all university policies including those of the Graduate College and the Thunderbird School of Global Management.

All Thunderbird graduate programs require a minimum cumulative, graduate and iPOS GPA of 3.00. Students should see the individual graduate degree programs for additional requirements on satisfactory academic progress, probation and disqualification.

Credit/Registration

Because of the intensity of the Thunderbird graduate programs, the maximum number of credit hours students may take each semester may be limited. Students should see the Thunderbird Graduate Student Handbook for more information.

Students may petition the Thunderbird School of Global Management Standards Committee through their academic director to register for more than the maximum allowable number of credit hours. No student should assume that a petition for overload will be granted.

Source URL: <https://catalog.asu.edu/policies/global-management>

Links:

- [1] <https://provost.asu.edu/academic-integrity>
- [2] <https://graduate.asu.edu/current-students/policies-forms-and-deadlines/academic-integrity>
- [3] <https://webapp4.asu.edu/programs/t5/MajorMaps>
- [4] <https://students.asu.edu/asrr>
- [5] https://catalog.asu.edu/course_load
- [6] <https://admission.asu.edu/transfer>
- [7] <https://students.asu.edu/forms/incomplete-grade-request>
- [8] <https://students.asu.edu/forms>
- [9] <https://students.asu.edu/forms/medical-compassionate-withdrawal-request>
- [10] <https://students.asu.edu/files/Medical-Compassionate%20Withdrawal%20Request.pdf>
- [11] <https://tutoring.asu.edu/student-services/tutoring>
- [12] <https://eoss.asu.edu/counseling/location>
- [13] <https://students.asu.edu/financialaid>
- [14] <https://students.asu.edu/tuitionrefundpolicy>
- [15] <https://housing.asu.edu/housing-communities/residential-colleges/casa-de-oro>
- [16] <https://veterans.asu.edu/>

[17] <https://students.asu.edu/drop-add>

[18] <https://eadvisor.asu.edu/>

[19] https://catalog.asu.edu/sites/default/files/attachment/tbird_concurrent_degree_petition.pdf

[20] <https://students.asu.edu/programs/>

[21] <https://catalog.asu.edu/index.php?q=minors>

[22] <https://admission.asu.edu/undergrad/readmission>

[23] <https://graduate.asu.edu/policies-procedures>

College of Health Solutions

The College of Health Solutions is dedicated to developing the health care workforce of the future. The college equips students to influence healthier lifestyle choices; develop creative interventions to improve the health of people and populations; analyze and translate large amounts of health data into solutions; maximize the technology, science, business and application of diagnostics; and address the critical and complex needs of the health care system. The college's programmatic focus, at the pulse of health, is on behavioral health, biomedical diagnostics, biomedical informatics, executive education, exercise science, health promotion, health sciences, kinesiology, medical studies, nutrition, population health, public health, the science of health care delivery, and speech and hearing science.

Academic Integrity

Academic honesty is expected of all students in all examinations, papers, laboratory work, academic transactions and records. The ASU Student Academic Integrity Policy is strictly enforced, and for students found in violation of this policy possible sanctions include appropriate grade penalties, loss of registration privileges, disqualification and dismissal. More information is available at <https://provost.asu.edu/academic-integrity> [1].

For more information on graduate-specific policies, students should refer to the specific graduate program manual, and they should see <https://graduate.asu.edu/academic-integrity>.

Procedure:

Any student, staff member or faculty member may report a suspected violation of the university's academic integrity policy. If a student is suspected of violating the academic integrity policy, the individual who suspects the violation will contact the college's academic integrity officer to discuss details and proposal of a sanction. The academic integrity officer will communicate to the student regarding the alleged violation, giving the student the opportunity to respond. Once an investigation has taken place and a determination made as to whether it is more likely than not that the student did violated the academic integrity policy of the university, the officer will send communication of the official sanction to the student along with steps by which the student may appeal the decision. If the student decides to appeal, he or she must meet with the officer to discuss hearing procedures.

After meeting with the academic integrity officer following the receipt of the sanction, a student may appeal to the College of Health Solutions Academic Standards and Grievance Committee. Students should be aware that if an appeal is heard, the committee could award a sanction more severe than that originally proposed. Students have 10 working days from the date of the meeting with the AIO to initiate an appeal. After the 10 days, the sanction determined by the academic integrity officer is imposed and the matter will be closed.

The college's academic standards and grievance committee is a body composed of faculty from across the college and includes one student member. It meets no more than once a month during regular fall and spring semesters but not during summer, winter or the midterm breaks. After hearing the case, the committee deliberates and makes a written recommendation to the dean for her review. The final decision of the dean is communicated to the student and all appropriate parties in writing.

Unless a student successfully appeals the finding that an academic integrity policy violation has occurred, the academic integrity officer will maintain a record of the incident and the sanctions on the university database. If students are found to

have committed prior academic integrity violations, the intensity of sanctions will increase beyond the level which might have been warranted by the current offense.

Undergraduate Policies

Academic Good Standing

For the purpose of retention, university academic good standing [3] for degree-seeking students is defined as maintaining a minimum cumulative GPA of 2.00. This standard is in effect for all students, regardless of catalog year, beginning in fall 2013.

An ASU student who does not achieve the minimum GPA standard at the completion of the first term of study will receive an academic warning [4]. If after one term with an academic warning a student still does not achieve the minimum GPA standard, the student will be placed on probation for at least one additional term. If a student's minimum GPA first falls below the standard in a term that is not the student's first term at ASU, the student will be placed on probation. Failure to return to good academic standing after being placed on probation may result in disqualification.

A student with an academic warning or on academic probation is considered in conditional good standing and is permitted to enroll.

Whether a student's status is an academic warning or probation, the student must meet with an academic success specialist to discuss academic success strategies for the subsequent semester and develop a success plan for returning to university academic good standing. At the discretion of the student's college or school, that plan may require successful completion of UNI 220 Academic Refresher. In addition, students who have fewer than 24 credit hours are required to participate in the ASU Pathway for Achieving Student Success program [5].

Continuing Probation

Students are placed on continuing probation when their cumulative GPA is less than 2.00 for two consecutive semesters but they have shown academic progress and not earned less than a "C" in any course in the most recent semester.

eAdvisor Tracking

In addition to being in university good academic standing, all students in the College of Health Solutions must adhere to ASU critical tracking coursework [6], per the pertinent major map. For more information on critical tracking courses, students should review the major map for their degree program. Students are off track if they fail to meet ASU critical tracking requirements for two consecutive semesters. All off-track students will receive a hold requiring them to meet with their academic advisor and set a plan for getting back on track with their degree program.

Examples:

- Speech and hearing science majors must maintain a GPA of 2.80 in ASU critically tracked courses.
- Nutrition (dietetics) students must maintain a GPA of 3.00 in critically tracked courses.
- Medical studies students must maintain a cumulative GPA of 3.00.
- Kinesiology students must maintain a cumulative GPA of 3.00.
- Exercise and Wellness students must maintain a cumulative GPA of 3.00 by term 3.
- Sports Science and Performance Programming students must maintain a cumulative GPA of 2.50 by term 3.

Students who remain off track for two or more consecutive semesters may be required to change majors to a program that does not have the same critically tracked courses. For example, students not succeeding in chemistry may not change into another major that also critically tracks chemistry courses.

Disqualification

Students are disqualified from the College of Health Solutions and ASU if their cumulative GPA remains less than 2.00 for two consecutive semesters after being placed on probation. Students who are disqualified cannot enroll in classes at ASU

for a minimum of two semesters (fall and spring). Disqualified students may take courses during the summer to raise their GPA, however, this does not guarantee reinstatement for the following fall semester. Disqualified students must apply for readmission or reinstatement for the semester they wish to return to the university. The college will not reinstate a student into any major whose purpose is to prepare students for professional school or professional credentialing nor will the college reinstate students into majors where they have failed to complete a required course twice at ASU.

Remediation

Students are required to meet with an academic advisor if they are placed on probation, continuing probation, off-track status or are at risk for disqualification, at which point an appropriate remediation plan will be discussed.

Advising

The Student Services Office in the College of Health Solutions is committed to maximizing the personal, social and academic experiences of students by providing high-quality, student-centered academic advising, ensuring the accuracy and accessibility of information and resources, and partnering with students to help them reach their career goals in health and the health care industry. Advisors are available to meet with students in each of the undergraduate programs in person, by email and by phone.

Academic advising is required for the following students:

1. All freshman and new transfer students are required to meet with an academic advisor prior to course registration.
2. Students not in satisfactory academic standing (i.e., probation, continuing probation, off-track status, disqualification, etc.) are required to meet with an academic advisor to discuss a remediation plan.

Faculty and staff utilize Academic Status Reports [7] to provide student feedback over the course of the academic semester. The ASRs may be used to identify students who are struggling academically or professionally or to recognize students who are doing well. Academic advisors and faculty mentors may access ASRs to provide students with valuable insight into performance improvement.

In order to be successful in the College of Health Solutions, students are strongly encouraged to be proficient in the basic concepts in writing, math and science. Students are encouraged to use the following resources.

Tutoring and Academic Support

Student Success Centers, located on all ASU campuses, offer free academic support resources for all students including:

- tutoring [8] – In-person and online tutoring options are available.
- writing support [9] – Students may receive help with a class writing assignment, a resume and all other writing needs, from structuring a paper to proofreading.
- structured study groups [10] – Classmates get together to discuss concepts, compare notes and share strategies.

ASU Libraries, located on all ASU campuses, offer free online and in-person research support for all students including:

- subject librarians [11] – Research experts in each major are available to work one-on-one, and students are encouraged to make an appointment.
- ask a librarian [12] – Students receive help via chat (24/7), email, phone or by visiting one of the library information desks.
- library guides [13] – Quick access to the best library resources is available online for specific majors, subjects and courses.

Career Services

ASU Career and Professional Development Services [14] offers students, alumni and employers services on four university campuses across the Phoenix metropolitan area. Each location offers services such as career advising, interview and resume preparation, class and group presentations, on-campus recruitment and interviewing space, and recruitment and networking events.

Credit/Registration

For fall or spring semesters, a minimum full-time course load for an undergraduate student is 12 credit hours. The maximum course load for which a student may register is 18 credit hours during a fall or spring semester, with a maximum of nine credit hours in session A and B, and the load limit may not exceed a total of 18 credit hours for any combination of sessions. A student wishing to register for more than the maximum must petition the college standards committee [15] and must obtain an approved overload prior to registration. The summer session credit hour load limit is seven credit hours for each six-week session and nine credit hours for the eight-week session, and the load limit may not exceed a total of 14 credit hours for any combination of sessions.

Graduate Credits Earned by Undergraduate Students

ASU undergraduate students who have achieved senior status (cannot be postbaccalaureate) with a cumulative GPA of 3.00 or greater may count up to 12 graduate-level credit hours with grades of “B” or better that were not used toward a previous degree toward their graduate degree at ASU (preadmission credit hours) with the approval of the degree program and the Graduate College. Preadmission credits must have been taken within three years of admittance to the ASU degree program to be accepted.

Accelerated bachelor’s/master’s programs may use a maximum of 12 preadmission credits which may include up to a maximum of 12 hours shared between the programs. Students in accelerated programs should contact their advisor to ensure proper sharing of credit hours. If a student has been accepted to an accelerated degree program, they do not have to petition the standards committee to take the shared courses.

Before registering for a graduate level course, students must petition [15] the College of Health Solutions Standards Committee through the Academic Advising Office for permission to enroll in a specific course.

Degree Requirements

Concurrent Degrees

Students at Arizona State University are permitted to pursue concurrent degrees as long as they meet the requirements for both programs and receive permission in advance from the colleges offering their chosen majors. For example, a student in the exercise and wellness degree program may also petition to pursue a degree in Spanish. A student interested in pursuing a concurrent option may petition the College of Health Solutions Standards Committee if both degrees are offered by this college. If the second degree is offered by another college, the standards committees of both colleges must be petitioned separately.

Students earn a separate diploma for each degree. Degrees may not be too closely related.

Minimum Requirements

1. sophomore standing or higher
2. minimum GPA of 3.00
3. minimum of 12 hours of coursework completed in the first major
4. minimum of nine hours of coursework completed in the second major
5. minimum of 30 unique hours of coursework in each major

In order to begin the process in the College of Health Solutions, students must petition [16] the college standards committee.

Reinstatement/Readmission

Disqualified students who have missed a fall or spring semester must follow ASU procedures for readmission [17]. Students are also required to meet with a College of Health Solutions academic advisor prior to course enrollment. Exceptions may apply, including for students on leaves of absence and students who serve in the military. The college will not reinstate a student into any major that is meant to prepare students for professional school or professional

credentialing nor will the college reinstate students into majors in which they have failed to complete a required course twice at ASU.

Other Special Requirements

Clinical Requirements

Some degree programs offered in the College of Health Solutions require clinical training in hospital or ambulatory care settings. These clinical sites may require criminal background checks and proof of medical insurance or proof of immunizations or both.

Special Considerations

Medical or Compassionate Withdrawals

Medical or compassionate withdrawals are available for students needing to withdraw from a semester due to a personal mental or physical health condition or the death or serious illness of a close family member. More information concerning medical or compassionate withdrawal requests can be found here [18]. Students must meet specific criteria for a medical or compassionate withdrawal and must be able to provide the college's medical or compassionate withdrawal designee with supporting documentation. Students who are eligible or have questions about eligibility are encouraged to meet with their academic advisor.

Incomplete Grades

The College of Health Solutions requires faculty and students to complete a Request for Grade of Incomplete [19] prior to having an incomplete grade posted for a class. The student requesting the incomplete must be passing, have completed a majority of the coursework and must have had an extenuating circumstance occur that prevents timely completion. If qualified, students have one calendar year to complete course requirements. If requirements are not met per the standards agreed upon with the course instructor after one calendar year, the incomplete grade adjusts to a course failure.

Military

Students with military or veteran status should utilize the Pat Tillman Veterans Center [20].

Americans with Disabilities Act (ADA)

The College of Health Solutions is supportive of and compliant with the Americans with Disabilities Act. Reasonable accommodations are made for qualified students. Reasonable accommodation is defined as the provision of an auxiliary aid or modification to the course or program which will allow access to the job duties, the educational process, program and degree, or activity. Students are encouraged to visit the Disability Resource Center [21].

The Americans with Disabilities Act (ADA) 1990 provides comprehensive Civil Rights protection and is designed to remove barriers which prevent persons with disabilities from accessing the same educational and employment opportunities as persons without disabilities. The law also provides access to public accommodations, state and local government services, transportation, and telecommunications. The Americans with Disabilities Act also prohibits discrimination against a qualified individual with a disability with regard to admission to educational institutions or vocational training programs (public or private); employee compensation; job training; and other terms, conditions and privileges of employment.

Title IX Policy

Title IX of the Education Amendments of 1972 protects individuals from discrimination based on sex in any educational program or activity operated by recipients of federal financial assistance. Sexual harassment, which includes acts of sexual violence, is a form of sex discrimination prohibited by Title IX. ASU does not discriminate on the basis of sex in the employment, education programs or activities it operates. ASU and the College of Health Solutions are committed to providing an environment free from discrimination based on sex and provide a number of resources and services to assist

students, faculty and staff in addressing issues involving sex discrimination, including sexual violence. Victims of sexual violence, sexual harassment, stalking and relationship violence are encouraged to seek support and report the incident.

Graduate Policies

Academic Integrity

Academic honesty is expected of all students in all examinations, papers, laboratory work, academic transactions and records. The ASU Student Academic Integrity Policy [2] is strictly enforced for students found in violation. Possible sanctions could include appropriate grade penalties, loss of registration privileges, disqualification and dismissal. For more information, students should refer to the specific graduate program manual.

Academic Standing

Each graduate program in the College of Health Solutions adheres to specific academic requirements. Students are strongly encouraged to become familiar with the expectations listed in their respective graduate program manual.

Academic Advising

It is important for graduate students in the College of Health Solutions to cultivate the following skills in their development as a health professional:

1. Proactively identify problems and possible solutions.
2. Accept feedback in a positive manner.
3. Modify performance in response to feedback.
4. Communicate with others in a respectful and confident manner.
5. Assume responsibility for learning.

Academic advising at the graduate level is facilitated by graduate support staff located in the Student Success Hub on the 4th floor of the Health North building.

Faculty advisors meet with students in the academic area of concentration.

Special Considerations

Medical or Compassionate Withdrawals

Medical or compassionate withdrawals are available for students needing to withdraw from a semester due to a personal mental or physical health condition or the death or serious illness of a close family member. More information concerning medical or compassionate withdrawal requests can be found here [18]. Students must meet specific criteria for a medical or compassionate withdrawal and must be able to provide the College's medical or compassionate withdrawal designee with supporting documentation. Students who are eligible or have questions about eligibility are encouraged to meet with their academic advisor.

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Students with military or veteran status should utilize the Pat Tillman Veterans Center [20].

Americans with Disabilities Act (ADA)

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opportunities as persons without disabilities. The law also provides access to public accommodations, state and local government services, transportation, and telecommunications. The Americans with Disabilities Act also prohibits discrimination against a qualified individual with a disability with regard to admission to educational institutions or vocational training programs (public or private); employee compensation; job training; and other terms, conditions and privileges of employment.

Students must fulfill all requirements of their individual graduate programs to remain in good academic standing and abide by all university policies including those of the Graduate College and the College of Health Solutions.

Title IX Policy

Title IX of the Education Amendments of 1972 protects individuals from discrimination based on sex in any educational program or activity operated by recipients of federal financial assistance. Sexual harassment, which includes acts of sexual violence, is a form of sex discrimination prohibited by Title IX. ASU does not discriminate on the basis of sex in the employment, education programs or activities it operates. ASU and the College of Health Solutions are committed to providing an environment free from discrimination based on sex and provide a number of resources and services to assist students, faculty and staff in addressing issues involving sex discrimination, including sexual violence. Victims of sexual violence, sexual harassment, stalking and relationship violence are encouraged to seek support and report the incident.

Source URL: <https://catalog.asu.edu/policies/chs>

Links:

- [1] <https://provost.asu.edu/academic-integrity>
- [2] <https://graduate.asu.edu/academic-integrity>
- [3] <https://catalog.asu.edu/glossary#goodstanding>
- [4] <https://catalog.asu.edu/glossary#warning>
- [5] <https://studentsuccess.asu.edu/success-programs/pass>
- [6] <https://eadvisor.asu.edu/>
- [7] <https://students.asu.edu/asrr>
- [8] <https://tutoring.asu.edu/student-services/tutoring>
- [9] <https://tutoring.asu.edu/student-services/writing-centers>
- [10] <https://tutoring.asu.edu/student-services/studygroups>
- [11] <http://lib.asu.edu/librarians>
- [12] <http://lib.asu.edu/help>
- [13] <http://libguides.asu.edu/>
- [14] <https://eoss.asu.edu/cs/>
- [15] <https://chs.asu.edu/students/advising-forms>
- [16] <https://students.chs.asu.edu/advising/academic-advising-forms>
- [17] <https://admission.asu.edu/undergrad/readmission>
- [18] <https://students.asu.edu/forms/medical-compassionate-withdrawal-request>
- [19] <https://students.asu.edu/files/Incomplete%20Grade%20Request.pdf>
- [20] <https://veterans.asu.edu/>
- [21] <https://eoss.asu.edu/drc>

Honors - Barrett, the Honors College Policies

Students who have demonstrated high levels of academic achievement in high school or college may apply for admission to Barrett. Each candidate must file an application to the college separate from the ASU application, in accordance with the appropriate Barrett deadlines.

Applicants are evaluated on the basis of their academic records, high school class ranking within their graduating class, and their performances on the SAT or ACT. The college also values students who have special talents and aptitudes, exhibit exceptional leadership qualities, have unusual life experiences and display significant community involvement. High school GPAs used in the evaluation process are calculated in accordance with the Arizona Board of Regents competency requirements, pursuant to ABOR Policy 2-102.

The Barrett admission application and additional information about the college and its activities are available at <https://barretthonors.asu.edu> [1].

Undergraduate Policies

Advising

Barrett students have advisors in their major, an assigned Barrett honors advisor [2], and faculty honors advisors in departments throughout the university. Students are encouraged to stay in regular contact with all these resources and are required to complete mandatory advising sessions with their Barrett honors advisor during the first, second and third year of study. To schedule an appointment with a Barrett honors advisor, students should call 480-965-9155 (Tempe campus), 602-496-1757 (Downtown Phoenix campus), 480-727-5539 (Polytechnic campus) or 602-543-3410 (West campus).

Students can review honors opportunities in majors at <https://barretthonors.asu.edu> [1]. There are also special prelaw and prehealth advising opportunities for Barrett students. Students should contact the Barrett advising office for more information.

Degree Requirements

Barrett Academic Course Requirements

Honors students must maintain high standards of academic performance and show progress toward completion of graduation requirements in their disciplinary majors and in Barrett.

In order to graduate from Barrett, students must complete the following, which includes 36 credit hours of honors coursework:

1. HON 171 The Human Event and HON 272 The Human Event must be completed in sequence during a student's first two semesters in the college.
2. Thirty additional credit hours of honors coursework must be earned with a letter grade of "C" (2.00) or higher. This may include HON prefix classes, honors sections of classes, honors enrichment contracts or any automatic honors course.
3. Included in the 36 credit hours of honors coursework are at least 18 hours of upper-division or graduate-level honors credits for an earned letter grade of "C" (2.00) or higher, including six credit hours of honors coursework outside the academic major. Students should investigate specialized honors, upper-division tracks within their majors.
4. Those admitted as upper-division transfer students (students who, after high school, completed 48 university credits by the time of planned enrollment in Barrett) must complete HON 370 History of Ideas and 18 hours of upper-division honors coursework, six credits of which must be outside the academic major. Upper-division transfer students are required to complete 21 hours of upper-division honors coursework.

5. Students are required to complete an honors thesis or creative project that will earn them a maximum of six credit hours. These credit hours will be included in the 18 required hours of upper-division honors coursework. The honors thesis or creative project is launched with a prospectus that is due one academic semester before the defense. Prior to enrolling for credit for a thesis or for creative project work, students must complete a required preparatory workshop or course. The final copy of the honors thesis or creative project must be filed by the posted deadline during the student's graduation semester.
6. ASU graduation requirements in an academic major must be met.
7. Students must earn a cumulative GPA of 3.25 or higher by graduation.

Barrett course requirements may be met in a variety of ways. Only courses in which a student receives a grade of "C" (2.00) or higher may be used to meet Barrett requirements.

Those entering the college as lower-division students may take as many as 18 lower-division honors credits, which include HON 171 The Human Event and HON 272 The Human Event, and at least 18 upper-division credits (total honors credits must be 36). HON 171 and HON 272 are transdisciplinary seminars that acquaint students with ideas that form the foundation of a university education and emphasize critical thinking, discussion, and writing.

Those who enter as upper-division students must take 21 upper-division honors credits, including HON 370 History of Ideas taught by an Honors Faculty Fellow. This seminar course introduces students to critical thinking, discussion, and writing in a topical area chosen by the instructor. All students are expected to complete this course during the first semester upon entering Barrett.

Departmental honors-only courses are limited to honors students. Enrollment in these courses is limited. Compared to their nonhonors equivalents, these courses are designed to offer a richer, more complex intellectual experience appropriate to the discipline and the level of the course for all students enrolled. Other disciplinary honors courses group honors students in small cohorts to work on research projects of common interest.

Honors enrichment contracts are available in many departmental courses, allowing honors students to contract with the instructors of designated non-honors courses to earn honors credit by pursuing enrichment activities, which include supplemental sessions with the instructor. Honors enrichment contracts must be filed during the first four weeks of class and be completed during the semester in which the course is offered. The enrichment contract form offers guidelines to aid students and faculty in developing appropriate contracts.

Courses reserved for students in Barrett and that always count for honors credit are those listed in the online ASU Class Search/Course Catalog as course numbers 492 Honors Directed Study, 493 Honors Thesis, and 497 Honors Colloquium; all classes with the HON prefix; and those with a departmental prefix that carry the honors designation.

Departmental courses numbered 492 and 493 are reserved for honors students completing their honors thesis or creative project. A student may enroll for these courses only with approval from the sponsoring academic department and the faculty member who serves as the student's thesis or creative project director. Course numbers listed in the ASU schedule of classes as 493 fulfill the student's upper-division literacy and critical inquiry (L) General Studies requirement.

Specific courses carry automatic honors credit. These include ACT 310 Mathematics of Finance, ACT 430 Mathematics of Financial Derivatives, CHE 211 Introduction to Chemical Processing, CEE/CNE 212 Engineering Mechanics II: Dynamics, CEE 486 Integrated Civil Engineering Design, CPI 310 Web-Based Information Management Systems, CSE 230 Computer Organization and Assembly Language Programming, EEE 230 Computer Organization and Assembly Language Programming, ENG 105 Advanced First-Year Composition (any in-person or hybrid section), FSE 104 EPICS Gold Feasibility and Planning, FSE 150 Perspectives in Grand Challenges for Engineering, GRK 101 Elementary Ancient Greek, LAT 421 Roman Literature, PHY 201 Mathematical Methods in Physics I, and PHY 333 Electronic Circuits and Measurements. Graduate courses, 500 level and above, taught in an in-person format automatically earn honors credit.

For a full list of honors courses, including those that carry automatic honors credit, students should visit the Barrett Signature Courses webpage [3] and review the Honors Courses document.

Source URL: <https://catalog.asu.edu/policies/barrett>

Links:

[1] <https://barretthonors.asu.edu/>

[2] <https://barretthonors.asu.edu/academics/advising-and-requirements>

[3] <https://barretthonors.asu.edu/academics/honors-courses-and-contracts/signature-courses>

College of Integrative Sciences and Arts Policies

The College of Integrative Sciences and Arts provides students throughout the university with the knowledge and skills to comprehend and effectively engage the changing world of the 21st century at local, national and global levels. The college offers graduate and undergraduate degree programs that prepare students for a rapidly changing marketplace and offers foundational instruction in humanities, social sciences, mathematics, sciences and professional fields. The college also affords an ASU student who has fewer than 45 college credit hours the opportunity to explore all ASU degrees as an exploratory student.

Academic Integrity

Academic honesty is expected of all students in all examinations, papers, projects, partnerships, internships, academic transactions and records. Possible sanctions include appropriate grade penalties, loss of registration privileges and disqualification. The College of Integrative Sciences and Arts adheres strictly to the ASU Academic Integrity Policy, and all concerns related to academic integrity must reported to the college's academic integrity officer. A copy of the policy may be obtained online at <https://provost.asu.edu/academic-integrity> [1].

Undergraduate Policies

Academic Standing

To be considered in academic good standing in the College of Integrative Sciences and Arts, students must achieve a cumulative GPA of 2.00 or higher.

Probation

Students who do not achieve a 2.00 GPA will be placed on university academic probation and must meet with an advisor to discuss academic success strategies. Students on academic probation will be required to take UNI 220 Mindset Connections. UNI 220 will appear on the students' DARS as a graduation requirement. In addition, students who have fewer than 24 credit hours will be required to participate in the ASU PASS [2] program.

Within one semester, a student on academic probation must do one of the following:

1. Achieve a cumulative ASU GPA of 2.00 or higher, to return to academic good standing.
2. Obtain a semester GPA of 2.00 or higher, to be continued on probation. Students on continued academic probation may continue for as many semesters as needed to achieve academic good standing.

Disqualification

Students who fail to meet the criteria for continued probation may be disqualified from ASU. Students who have been disqualified may attend summer sessions but not fall or spring sessions.

Once readmitted, the student may be placed on academic probation for at least one semester. Students on probation will have one semester to raise their cumulative or semester GPA to meet ASU academic good standing (2.00). Failure to do so will result in disqualification from the university.

Academic Policy Appeals

Academic appeals regarding college policies or other variances or exceptions should be discussed with the student's academic success specialist, and students may be required to submit a College of Integrative Sciences and Arts Standards Committee petition. Some petitions may require a secondary review by the ASU University Undergraduate Standards Committee. For more details, students should visit https://cisa.asu.edu/standards_petitions [3].

Academic Advising

All students are encouraged to seek advising from their academic success specialist (academic advisor) prior to registration. Students must review the academic calendar [4] each semester for information and deadlines pertaining to enrollment including course adds, drops and withdrawals.

The ASU academic catalog is the governing source for all degree requirements. Students are expected to read the requirements for university general studies, college graduation and major degree requirements. The academic success specialist will provide guidance.

Advising Information: <https://cisa.asu.edu/advising> [5]

Mandatory Advising

The following students in the College of Integrative Sciences and Arts must receive advising clearance prior to course registration:

- new students in all exploratory tracks
- new students in their first semester of attendance
- readmitted students in their first returning semester
- students on academic probation or continued probation
- students who have been disqualified
- students who are off track for graduation

Students are encouraged to use My ASU to check their advising status requirements each semester before attempting any registration transactions.

Credit/Registration

Students enrolling in courses offered by the College of Integrative Sciences and Arts are expected to follow the rules and deadlines specified in this catalog and the current registration and tuition payment guide. Students are encouraged to meet with their academic success specialists before registration.

Course Load

Students may enroll in a maximum number of 18 credit hours per fall or spring semester, with a maximum number of nine credits taken in session A or Session B. Students may enroll in a maximum of 14 credits for a summer session, with no more than seven credits in session A or B. Students may enroll in a maximum of nine credits for the summer session C (eight weeks).

- First-semester first-year students and entering transfer students are not permitted to register for more than 18 credit hours in the initial 15-week semester or nine credit hours in session A and nine credit hours in session B.
- Any student wishing to enroll in more than the 18 credit hour limit in the fall or spring (or 14 in summer) or more than the nine credit hour limit in an A or B session (or seven hour limit in summer) should first meet with their academic success specialist to discuss a course overload. Some overload requests may require College of Integrative Sciences and Arts standards petition approval.

For more details on credit hour limits, students should visit https://catalog.asu.edu/course_load [6]. More details on the petitioning process are available at https://cisa.asu.edu/standards_petitions [3].

Repeat/Replace Policy

Students wishing to repeat courses and possibly replace prior course grades must follow the repeat/replace policy [7] stated in the University Student Services Manual [8] regarding the number of credit hours that can be repeated and the types of courses that are eligible for a grade replacement.

Students wishing to repeat a course for a third time must petition the College of Integrative Sciences and Arts Standards Committee.

Pass/Fail Grade Options

A grade of “Y” (satisfactory) contributes to a student’s earned hours but does not affect the GPA. A failing grade of “E” is calculated into the GPA.

The pass/fail grade option may be used under the following conditions:

- Approval has been granted from the instructor and college offering the course.
- Enrollment for the pass/fail option must be indicated during registration and may not be changed after the drop/add period.
- A maximum of 12 hours taken for pass/fail may be counted toward graduation.

College of Integrative Sciences and Arts students may not enroll under the pass/fail option in the following courses:

- first-year composition requirements
- major, minor, concentration area, or certificate program
- honors credits
- language proficiency requirements
- general studies requirements

Audit Grade Option

Students may choose to audit certain courses in which they attend regularly scheduled class sessions but earn no credit. Students should obtain instructor approval before registering for the courses. The option to audit is not available for all courses. This grade option may not be changed after the drop/add period.

Degree Requirements

All candidates for graduation are required to complete at least 120 credit hours, of which at least 45 hours must consist of upper-division courses. A minimum ASU cumulative GPA of 2.00 is required for graduation. All new College of Integrative Sciences and Arts first-year students are required to enroll in an ASU 101 course during their first ASU semester.

Minors

The college offers minors in many of its disciplines. All minors must entail a minimum of 15 hours in the discipline with at least 12 of those hours as upper-division courses.

- Six of the upper-division hours must be taken from courses offered by the College of Integrative Sciences and Arts.
- Students may not use courses in their minors toward major core requirements and, similarly, students may not use courses in their major core requirements to fill the requirements of their minors. Students should see an academic success specialist for more details.
- Some disciplines are too close in content for a student to choose a particular combination of minor and major.

Concurrent Degrees

The college allows students to request approval from the college to pursue a concurrent degree if they have completed at least 30 graded credit hours with a minimum GPA of 2.00. Concurrent degrees may not be from the same discipline or have overlap in the courses required for each major. Students must earn at least 30 unique credit hours for each degree.

To request a concurrent degree, students must meet with an academic advisor in each degree program and complete a College of Integrative Sciences and Arts Standards Petition form available at https://cisa.asu.edu/standards_petitions [3].

Critical and Necessary Requirements

All undergraduate majors at ASU provide an eight-term course plan leading to four-year graduation; it is called a major map. College of Integrative Sciences and Arts students must meet the critical and necessary requirements listed on their major maps.

A student who does not comply with the critical requirements is off track and will have a hold placed on their record preventing enrollment. To remove the enrollment hold, the student will be required to meet with a College of Integrative Sciences and Arts academic success specialist to discuss their progression toward graduation. For more information about critical requirements, students should refer to the corresponding major map or eAdvisor <https://eadvisor.asu.edu/> [9]

Exploratory Tracks

All first-year students who choose to become an exploratory student are required to declare an exploratory track in one of four areas:

- exploratory social and behavioral sciences
- exploratory health and life sciences
- exploratory humanities and fine arts
- exploratory math, physical sciences, engineering and technology

Each of these tracks is designed to provide students with introductory courses in a field of choice (e.g., Introduction to Psychology, Introduction to Environmental Design), General Studies education, and elective courses that reinforce student interests. Each exploratory track is composed of a three-semester major map, culminating in the declaration of a major no later than the completion of 45 credit hours.

All exploratory students are required to enroll in a major and career exploration class (UNI 150, 250, or 270) each semester the student remains designated as an exploratory student.

Readmission

Students who have been disqualified from ASU may be readmitted to the College of Integrative Sciences and Arts for a fall or spring semester if they complete one of the following:

1. Achieve a cumulative ASU GPA of 2.00 by taking ASU summer session courses.
2. Complete 12 or more transferable credit hours at a community college or university with no grade lower than a “C” and a GPA of 2.50 or better. Courses in which the student failed or received a “D” at ASU should not be repeated at another institution.

Once readmitted, the student may be placed on academic probation for at least one semester. Students on probation will have one semester to raise their cumulative or semester GPA to meet the required 2.00 GPA to remain at ASU. Failure to do so will result in disqualification from the university.

Graduate Policies

Students should review graduate policies at <https://graduate.asu.edu/current-students/policies-forms-and-deadlines/policy-manuals> [10].

Students must fulfill all requirements of their individual graduate programs to remain in good academic standing, and they must abide by all university policies including those established by the Graduate College and the College of Integrative Sciences and Arts.

Source URL: <https://catalog.asu.edu/policies/sls>

Links:

- [1] <https://provost.asu.edu/academic-integrity>
- [2] <https://studentsuccess.asu.edu/success-programs/pass>
- [3] https://cisa.asu.edu/standards_petitions
- [4] <https://students.asu.edu/academic-calendar>
- [5] <https://cisa.asu.edu/advising>
- [6] https://catalog.asu.edu/course_load
- [7] <http://www.asu.edu/aad/manuals/ssm/ssm203-06.html>
- [8] <http://www.asu.edu/aad/manuals/ssm/index.html>
- [9] <https://eadvisor.asu.edu/>
- [10] <https://graduate.asu.edu/current-students/policies-forms-and-deadlines/policy-manuals>

New College of Interdisciplinary Arts and Sciences Policies

New College offers interdisciplinary programs built upon the foundation of disciplines such as English, history, philosophy, psychology, sociology, communication, mathematics, biology and statistics. Through unique combinations and innovative partnerships, we offer degrees ranging from forensic science and applied computing to Latin American studies, interdisciplinary arts and performance, conflict resolution, political science, and much more. Our degrees provide students with 21st-century skills, allowing them to contribute meaningfully to solving the most critical and complex challenges of today and tomorrow. Our students are prepared to steward sustainable societies that incorporate ethics and a respect for human rights, a regard for the environment, and an appreciation of culture and language while at the forefront of innovation in science and technology.

For more information, students should see <https://newcollege.asu.edu/> [1].

Academic Integrity

The New College of Interdisciplinary Arts and Sciences adheres to ASU's Student Academic Integrity Policy. Therefore, academic honesty is expected in all areas of student work, including examinations, written work, laboratory assignments, internships, group work and all other necessary transactions. If academic integrity is compromised, possible sanctions include course assignment grade penalties, failure of course, disqualification and dismissal from the university. For more information, students should see <https://provost.asu.edu/academic-integrity/> [2].

Undergraduate Policies

Academic Standing

New College students must achieve a cumulative GPA of 2.00 in order to be considered in good academic standing at ASU. Students with a semester or cumulative GPA of less than 2.00 are placed on academic probation and are required to meet with an advisor to effectively plan academic progress toward graduation. Further information is available at https://catalog.asu.edu/retention_standing [3].

Advising

All students in New College are expected to meet with their academic advisors regularly, especially prior to course enrollment each semester.

To ensure students are making timely progress toward degree completion, advising may be required for the following:

- newly admitted students
- first-year students
- students on academic probation
- students off-track for eAdvisor tracking requirements

Advising information for New College is available at <https://newcollege.asu.edu/college-advisor> [4].

For eAdvisor tracking and other general academic program information, students should see <https://students.asu.edu/academics> [5].

Credit/Registration

Audit Grade Option

Students may choose to audit a course, allowing them to attend but not earn credit. Students must obtain instructor approval prior to enrollment (<https://students.asu.edu/grades>). This grade option may not be changed after the drop/add period.

The audit option may be used under the following conditions:

- Approval has been granted from the instructor and college offering the course.
- The audit option is chosen during initial registration for the course.

Course Load

Students are limited to a maximum of 18 credit hours per term. Enrollment in additional credit hours requires completion of overload request form and approval from the college academic advisor: <https://newcollege.asu.edu/advising/forms> [6].

Course Prerequisites

Course prerequisites are established to ensure student success in a course. Students must complete all course prerequisites prior to enrolling in the desired course. Prerequisite overrides may be granted under the following conditions:

- A transfer course has been accepted by an advisor to fulfill required course prerequisite.
- A prerequisite override has been granted by an advisor.

Grade of Incomplete

A grade of incomplete for a course may be granted by permission of the instructor under the following conditions:

- The student is in good standing academically at ASU.
- The student has completed a majority of the required coursework.
- The student has experienced extenuating circumstances prior to the end of the semester, preventing completion of the course; students should see <https://students.asu.edu/forms/incomplete-grade-request> [7].

Pass/Fail Grade Option

A grade of "Y" (satisfactory) contributes to a student's earned hours but does not affect the GPA. A failing grade of "E" is calculated into the GPA.

The pass/fail grade option may be used under the following conditions:

- Approval has been granted by the instructor and the college offering the course.

- The pass/fail option was chosen during initial registration for the course, if available.

New College students may not enroll under the pass/fail option in the following courses:

- those taken to satisfy first-year composition requirements
- those taken from the student's major, minor or certificate program
- those taken for honors credits
- those counted toward satisfying New College general studies requirements
- those counted toward satisfying New College proficiency requirements in math or language and cultures

Academic (Grade) Grievance Policy

The following steps must be followed by any student seeking to appeal a grade. This process does not address academic integrity allegations or faculty misconduct.

Student grade appeals must be processed in the regular semester immediately following the issuance of the grade in dispute (by commencement for fall or spring), regardless of whether the student is enrolled at the university.

There are two stages to the grade grievance process: the informal process and the formal process. Each process contains a series of steps.

Informal Process

Step 1: An aggrieved student must first confer with the instructor; the student must state the reasons for questioning that the grade received was not given in good faith. The instructor must review the matter, explain the grading procedure used and explain how the grade in question was determined. If the instructor is a graduate assistant and this interview does not resolve the difficulty, the student may then take the problem to the faculty member in charge of the course.

Step 2: If the grading dispute is not resolved in Step 1, the student may appeal to the school academic director or designee within the school offering the course. The school director or designee may confer with the instructor to handle the problem. In most instances, the grievance procedure can be resolved with Steps 1 or 2 and does not go beyond this level.

Step 3: If the matter is not resolved to the student's satisfaction after completing Steps 1 and 2, the student may then confer with the dean's representative in the New College of Interdisciplinary Arts and Sciences (executive director of Academic Services and Strategic Initiatives at (602) 543-7000) who will review the case and explain the formal process to the student. If still unresolved, the student may proceed to the formal process.

Formal Process

Step 4: No later than ten business days after meeting with the dean's representative, the student must provide a written statement stating the evidence, if any, and reasons for determining the grade received was not given in good faith. Supporting materials should be attached as exhibits to the statement.

Step 5: The dean's representative will provide the student's statement (with any exhibits) to the instructor and request the instructor to respond to the dean's representative within 10 business days.

Step 6: When the official, written response is received from the instructor, the dean's representative will contact the student, who can then schedule an appointment to review the instructor's response. After reviewing the instructor's response, the student may submit a written request for a hearing before the New College of Interdisciplinary Arts and Sciences Grievance Committee. This written request for hearing must be submitted no later than 10 business days after the dean's representative notifies the student that the instructor's response was received. The committee is a regular committee and meets monthly, as necessary, during the fall and spring terms when classes are in session. The dean's representative serves as a nonvoting, ex-officio member of the committee.

Step 7: The committee will meet with the student and the instructor in an attempt to resolve differences. In order to preserve the confidential nature of the grade grievance process and to protect the privacy interest of those involved, the hearing will be closed to the public. The committee chairperson will preside at the hearing and will rule upon all procedural matters. A student who fails to appear or refuses to participate at the hearing will be deemed to have abandoned the request for a hearing, unless the student can demonstrate that extraordinary circumstances prevented his/her appearance or participation.

Step 8: After all parties have been heard, they will be excused and the committee will deliberate in closed session. Upon reaching consensus the committee chairperson will submit his/her recommendation to the dean of the New College of Interdisciplinary Arts and Sciences. The dean will review the report and make a final determination regarding the appropriate course of action. The dean's office will inform the student, instructor, school director, registrar, and grievance committee in writing of the decision. The decision of the dean is final.

It is university policy that students filing grievances and those who are witnesses are protected from retaliation. Students who believe they are victims of retaliation should immediately contact the dean's office in the New College of Interdisciplinary Arts and Sciences.

Transfer

Transfer Coursework

Credit is granted for transferred courses deemed equivalent to corresponding courses in the selected program of study, subject to grade and ASU resident credit requirements. No grades less than "C" (2.00) transfer to ASU. Credits transferred from a community college or two-year institution are applied as lower-division credits. For a listing of the acceptable courses transferable to the various degree programs, prospective Arizona transfer students should consult their advisors and refer to the ASU transfer tools: <https://admission.asu.edu/transfer> [8].

Some courses taken from other ASU colleges or other universities may be acceptable for general university credit but may not be applicable toward the degree requirements of the schools. Determination of those particular courses applicable to a specific degree program is made within the appropriate academic unit.

Withdrawal

Complete Session Withdrawal Information

Since a complete session withdrawal from the university can be a difficult decision and could result in serious academic and financial consequences, undergraduate students are required to contact their academic advisor to facilitate the withdrawal process.

Students must complete the following steps in the order in which they are listed:

1. Fill out a complete session withdrawal form:
<https://students.asu.edu/sites/default/files/completesessionwithdrawal08102017.pdf> [9]
2. Make an appointment with their advisor, and take the form to the appointment.

ASU has many resources in place to help students. Students may want to consider one or more of the following:

- **Withdraw from just one or two classes (course withdrawal):** Students may withdraw from a class while remaining enrolled in other classes as long as the withdrawal is completed between the drop/add deadline and the course withdrawal deadline. Students are encouraged to contact their academic advisor to discuss the impact this may have on meeting critical requirements. Students are also encouraged to contact a financial aid representative to consider any impact withdrawing will have on scholarships, grants and loan packages.
- **Request a medical or compassionate withdrawal:** Medical or compassionate withdrawals are available for students withdrawing from one or more classes due to extraordinary personal mental or physical health conditions or the death or serious illness of an immediate family member or close relative. For information concerning

medical or compassionate withdrawal requests, students should see <https://students.asu.edu/forms/medical-compassionate-withdrawal-request> [10].

- Seek tutoring or academic support services: The Student Success Center provides a variety of services to help students become better learners and gain the confidence and skills to achieve their academic goals. Services include writing centers, math tutoring, subject area tutoring and supplemental instruction. More information about the Student Success Center is available at <https://tutoring.asu.edu/student-services/tutoring> [11].
- Make an appointment with ASU's Counseling Services: Counseling and mental health services are provided at each of the four ASU campuses. ASU students may seek services at any of the campus counseling centers, regardless of their college affiliation. Students should visit <https://eoss.asu.edu/counseling/location> [12].
- Explore the possibility of an "I" (incomplete) grade.

Possible consequences resulting from a complete session withdrawal:

- **Financial aid:** Financial aid recipients who completely withdraw from the university may be responsible for immediate repayment of funds. The effect of a complete withdrawal from financial aid depends on when the withdrawal is dated and the type of financial aid. Students should see <https://students.asu.edu/financial-aid> [13] for more information.
- **Tuition and refunds:** The date of a complete withdrawal will determine whether or not a tuition refund will be generated. Students should review the tuition refund policy [14] for more information.
- **Health insurance:** Students should contact their health insurance company to determine whether or not withdrawing from the university affects their coverage.
- **Residential life:** Students who live on campus should contact their residential hall community staff to determine what impact withdrawing will have on their eligibility to live on campus and to complete a license agreement release form and arrange an appointment to officially check out. For more information, students should see <https://housing.asu.edu/housing-resources/license-agreements/release> [15].
- **Veteran benefits and certifications:** Students should contact the appropriate veteran benefits and certifications office to discuss information regarding veterans' educational benefits and military activation. For more information, students should send an email to w.westvso@asu.edu or visit <https://veterans.asu.edu> [16].

Procedures for general university withdrawal are at <https://students.asu.edu/drop-add> [17].

Degree Requirements

Undergraduate Degree Requirements

All candidates for graduation in the BA, BS and BAS curricula are required to present at least 120 credit hours, of which at least 45 credit hours must consist of upper-division work. A minimum cumulative GPA of 2.00 is required for graduation. Students must complete a New College residency requirement of a minimum of 12 credit hours of upper-division (300- and 400-level) coursework from the school housing the student's major.

It is the student's responsibility to be aware of the degree program requirements and to select courses accordingly.

To graduate, a student must satisfy the following requirements:

- ASU 101 or equivalent (first-year students)
- IAS 300 (transfer students)
- college proficiency requirements for language and cultures and for mathematics
- university first-year composition and General Studies requirements
- major requirements that involve concentrated coursework in one program
- successful completion of critical-tracking courses as required on the student's major map

Information on critical tracking and eAdvisor tools, such as the student's major map, is available at <https://eadvisor.asu.edu> [18].

Proficiency Requirements

Each student is required to demonstrate proficiency in the analysis of language and cultures and also mathematics by passing an examination or by completing the courses specified below with a grade of "C" (2.00) or better in each course.

Students considering graduate work after completion of a bachelor's degree should consult with faculty advisors regarding language requirements in their intended areas of study.

Language and Cultures

This requirement may be satisfied through one of the following:

- completion of secondary education at a school in which the language of instruction is not English
- completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV
- completion of an upper-division course or courses taught in a foreign language, taken in the United States or the relevant country
- completion of six credit hours of upper-division courses that have a global awareness designation (G) or cultural diversity in the U.S. designation (C) in addition to the courses used to meet the university General Studies requirements
- completion of two sequential semesters of coursework in a current computer language

Students may obtain information about applicable coursework through the college advising office.

Mathematics

Students are required to complete MAT 142 or any MAT course for which MAT 117 or a higher-level MAT course is a prerequisite.

Major Requirements

Each student is required to select a major from among the programs offered by the New College of Interdisciplinary Arts and Sciences.

All candidates for graduation for bachelor degrees in New College are required to complete at least 120 credit hours of which at least 45 credit hours must consist of upper-division courses. A minimum cumulative ASU GPA of 2.00 is required for graduation.

No credit is granted toward fulfilling major or minor requirements in any upper-division course in the subject field of the major unless the grade in that course is at least a "C" (2.00). Normally, a "Y" (pass) grade needs confirmation that it is equivalent to a "C" (2.00) or better.

General Electives

Upon completion of all other requirements, the remainder of the minimum 120 credit hours required for graduation is general electives. Students should contact college advisors for assistance in selecting elective courses.

Concurrent Degrees

Students in the New College of Interdisciplinary Arts and Sciences are eligible to seek concurrent degrees. Concurrent degrees with significant course overlap may not be approved.

Students are eligible to pursue a concurrent degree when the following criteria have been met:

- Students must be in good standing with a cumulative GPA of 2.00 or higher.
- Students must have completed 30 credit hours in their first program of study.
- Students must complete 30 credit hours unique to each program.
- Students may connect with advising to determine appropriate combinations.

To be approved to pursue a concurrent degree, students must file a Petition to Pursue Concurrent Degree form: <https://newcollege.asu.edu/advising/forms> [6].

Minors

New College offers minors in many of its disciplines. All minors require a minimum of 15 credit hours in the discipline with at least nine of those hours completed as upper-division coursework. Six of the upper-division hours must be taken from courses offered by the New College of Interdisciplinary Arts and Sciences. Courses used in the minor may not be used in the student's major program. <https://catalog.asu.edu/index.php?q=minors> [19]

Readmission

Undergraduate degree-seeking students having previously attended ASU but not enrolled at ASU for no more than seven consecutive semesters are eligible to return through quick reentry. These students are not required to submit a new application or application fee but must contact an academic advisor in their school to enroll.

Undergraduates who have been away from the university for seven or more semesters and want to return to ASU in a New College program are required to apply for readmission through Admission Services <https://admission.asu.edu/undergrad/readmission> [20].

Disqualified students must follow the procedures for readmission and will be reviewed by the college on a case-by-case basis.

Graduate Policies

Students must fulfill all requirements of their individual graduate programs to remain in good academic standing, and they must abide by all university policies including those of the Graduate College and the New College of Interdisciplinary Arts and Sciences.

Graduate students should review the New College Standards of Satisfactory Progress [21] and policies established by the Graduate College [22].

Source URL: https://catalog.asu.edu/policies/new_college

Links:

[1] <https://newcollege.asu.edu/>

[2] <https://provost.asu.edu/academic-integrity/>

[3] https://catalog.asu.edu/retention_standing

[4] <https://newcollege.asu.edu/college-advisor>

[5] <https://students.asu.edu/academics>

[6] <https://newcollege.asu.edu/advising/forms>

[7] <https://students.asu.edu/forms/incomplete-grade-request>

[8] <https://admission.asu.edu/transfer>

[9] <https://students.asu.edu/sites/default/files/completesessionwithdrawal08102017.pdf>

[10] <https://students.asu.edu/forms/medical-compassionate-withdrawal-request>

[11] <https://tutoring.asu.edu/student-services/tutoring>

[12] <https://eoss.asu.edu/counseling/location>

[13] <https://students.asu.edu/financial-aid>

[14] <https://students.asu.edu/tuitionrefundpolicy>

[15] <https://housing.asu.edu/housing-resources/license-agreements/release>

[16] <https://veterans.asu.edu/>

[17] <https://students.asu.edu/drop-add>

[18] <https://eadvisor.asu.edu/>

[19] <https://catalog.asu.edu/index.php?q=minors>

[20] <https://admission.asu.edu/undergrad/readmission>

[21] https://newcollege.asu.edu/sites/default/files/files/advising/documents/nc-satisfactoryacademicprogresspolicy_fall_2014_v.1.pdf

[22] <https://graduate.asu.edu/policies-procedures>

Walter Cronkite School of Journalism and Mass Communication Policies

The Walter Cronkite School of Journalism and Mass Communication has a student-centered culture focused on helping students complete their degrees in a timely manner. Students are encouraged to visit the school's website <https://cronkite.asu.edu> [1] or contact its student services center at 602-496-5055 with questions about any of the school's policies.

Academic Integrity

The Cronkite School has zero tolerance for academic dishonesty, and this is enforced in every course and educational activity offered or sanctioned by the school. Any allegation of academic dishonesty is referred to the school's standards committee for review and recommendation to the dean of the school. If any student is found to have engaged in academic dishonesty in any form --- including but not limited to cheating, plagiarizing and fabricating --- that student shall receive a grade of "XE" (academic dishonesty) for the class and is dismissed from the school. There are no exceptions.

At the beginning of every Cronkite class, each student is given a copy of the full academic integrity policy along with accompanying information on plagiarism. Students must sign a pledge that indicates they have read and understood the material and agree to abide by the policy.

The policy, along with guidance on how to avoid plagiarism and fabrication, can be found at https://cronkite.asu.edu/assets/pdf/Academic_Integrity_Policy.pdf [2].

The Cronkite School notifies the Graduate College if a graduate student is being recommended for dismissal from the school for having engaged in academic dishonesty.

Responsibilities Related to Academic Integrity

Accuracy: Since accuracy is the most important aspect of journalism, the Cronkite School adheres to rigid standards. Any major error of fact such as a misspelled proper name, an erroneous phone number, an incorrect address, a libelous statement or a misstatement of a major fact, or anything else that would require a printed correction if the story were to appear in a newspaper will result in an "E" (55 percent) on an assignment. Misspellings or errors of grammar will bring a student's grade down. Carelessness will cause a student to lose points fast.

Attendance and makeup work: Students are expected to attend every class and arrive on time. If they miss an in-class assignment, quiz or test, they receive a zero. Excused absences are not given. Instructors may allow up to two absences for any reason or drop designated grades. Specific language regarding absences and makeup work will be included in each syllabus.

Deadlines: Like accuracy, the ability to meet deadlines is a hallmark of good journalism, and students are expected to meet them. Assignments submitted even one minute past the deadline are not accepted; the student receives a zero.

Diversity principles: The Cronkite School practices inclusivity in student, staff and faculty populations in order to create an academic environment that embraces diversity of thought and acceptance of all people regardless of race, gender, age, sexual orientation or societal, political, cultural, economic, spiritual or physical differences. The principles are posted at <https://cronkite.asu.edu/about/diversity-principles> [3].

ACEJMC values and competencies: As a member of the Accrediting Council on Education in Journalism and Mass Communication, the Cronkite School is committed to classroom learning that achieves ACEJMC professional values and competencies. These include the core areas: freedom of speech, ethics, diversity, critical thinking, research, writing and use of tools and technologies related to the field. For a full list of ACEJMC values and competencies, students should see <http://www2.ku.edu/~acejmc/PROGRAM/PRINCIPLES.SHTML#vals&comps> [4].

Social media guidelines: It is important that students of journalism and communication know how to use social media ethically and professionally. The Cronkite School has developed standards drawn from the Poynter Institute for Media Studies and the Society of Professional Journalists. Those guidelines may be found at <https://cronkite.asu.edu/degree-programs/admissions/student-resources/social-media-guidelines> [5].

Undergraduate Policies

Academic Standing

Probation

All ASU students, freshman through senior, must maintain a minimum GPA of 2.00 for all courses completed at ASU. If this standard is not maintained, the student is placed on probation. Students on probation must see an adviser before further registration and must do one of the following:

1. Achieve an ASU GPA of 2.00 or greater in order to return to academic good standing.
2. Obtain a semester GPA of 2.50 with no grade less than a “C” in order to be granted one additional semester on continued probation. At the end of the continued probation, the student must return to academic good standing (a minimum cumulative ASU GPA of 2.00) to avoid disqualification.

Disqualification

Students who do not meet probation requirements are academically disqualified. Disqualified students should meet with their academic advisers. These students may attend ASU only during the summer session immediately following disqualification.

Cronkite School Journalism and Mass Communication and Sports Journalism majors: Students in these majors must maintain a minimum cumulative GPA of 2.50 for all courses completed at ASU in order to be in good standing in the major. If a student’s cumulative GPA is less than a 2.50, the student has one semester to raise his or her cumulative GPA to meet the requirement. Failing to raise the cumulative GPA to a 2.50 or greater results in the student having to change his or her major from Journalism and Mass Communication or Sports Journalism.

Cronkite School Mass Communication and Media Studies and Digital Audience majors: Students in this major follow the university policies for GPA requirements, probation and disqualification.

Advising

Advising

Cronkite School undergraduate students are assigned an advisor by the student’s last name. Students should see the undergraduate advising page for specifics: <https://cronkite.asu.edu/student-life/undergraduate-advising> [6].

To ensure students are making progress toward their degrees, the Cronkite School encourages students to check in with their advisors each semester. Advising is mandatory for:

- first-time first-year students, both semesters their first year at ASU
- students who have completed 75 credit hours
- transfer students prior to enrolling for their first semester at ASU
- students on probation

- students who are off track in the major

ASU Online students are strongly encouraged to make an appointment with their respective advisers before enrolling for their first semester.

For additional information, students should contact the Cronkite School's advising center at 602-496-5055.

Students should follow the sequence of courses outlined on major maps and online degree audits and contact their Cronkite advisor with any questions. Critical requirements for first-year students in the school are available at <https://cronkite.asu.edu> [1].

Credit/Registration

Changes of major: Students are eligible to change their major if they meet the criteria below.

Journalism and Mass Communication and Sports Journalism degree programs: Current ASU students are eligible for admission if they have a cumulative GPA of at least 3.00 in 12 or more hours of credit earned at ASU in courses that can be used to satisfy the Cronkite School's nonelective General Studies requirements.

Transfer students with at least 12 hours of academic credit earned after high school and at least a 3.00 cumulative GPA are eligible for admission.

Online Mass Communication and Media Studies and Digital Audience degree programs: Current ASU students who have a cumulative GPA of at least 2.00 are eligible for admission.

Prospective transfer students (not yet admitted to ASU) and ASU students who have a cumulative GPA less than 3.00 are encouraged to meet with a Cronkite School adviser. To schedule a meeting, students should contact the advising center at 602-496-5055.

Transfer credit: Students may apply up to 64 credits of coursework from an accredited two-year institution to their degree. Students may apply up to nine credit hours of approved upper-division journalism coursework from a four-year ACEJMC-accredited institution to the Cronkite School's journalism degree requirements. Students interested in having these courses reviewed should provide detailed syllabi and course schedules to the Cronkite School's academic standards committee. Students should see their academic advisers for help.

Degree requirements

All Cronkite students must meet the critical requirements for their majors. Students who are required to follow eAdvisor tracking requirements and do not comply with the critical requirements are off track, and a hold is placed on their records. These students must meet with an adviser to have the hold removed.

Specific requirements for the Journalism and Mass Communication degree can be found at <https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/CSJMCBA/undergrad/false> [7].

Specific requirements for the Sports Journalism degree can be found at <https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/CSSPJBA/undergrad/false> [8].

Specific requirements for the Mass Communication and Media Studies degree can be found at <https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/CSMCMSTBA/undergrad/false> [9].

Specific requirements for the Digital Audiences degree can be found at <https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/CSDIGABS/undergrad/false> [10].

Concurrent Degrees

The primary degree is the one that shows at the top of a student's transcript. A concurrent degree is an additional degree a student pursues.

General rules for students pursuing concurrent degrees in the Walter Cronkite School of Journalism and Mass Communication:

- Currently enrolled Cronkite School Journalism and Mass Communication or Sports Journalism majors who would like to add a concurrent degree must have a cumulative ASU GPA of 2.50 or greater and must have completed 30 credit hours of coursework.
- Currently enrolled Cronkite School Mass Communication and Media Studies or Digital Audiences majors who would like to add a concurrent degree must have a cumulative ASU GPA of 2.00 or greater and must have completed 30 credit hours of coursework.
- ASU students not enrolled in the Cronkite School who would like to add a concurrent degree in journalism and mass communication or sports journalism must be in good academic standing with an ASU, have a cumulative GPA of at least 3.00 and must have completed 30 credit hours of coursework.
- ASU students not enrolled in the Cronkite School who would like to add a concurrent degree in mass communication and media studies or digital audiences, offered online, must be in good academic standing, have a cumulative GPA of at least 2.00 in an ASU Online degree program and must have completed 30 credit hours of coursework.
- The Cronkite School requires that students enrolled in Journalism and Mass Communication or Sports Journalism majors take a minimum of 36 credit hours of Cronkite School courses.
- The Cronkite School requires that students enrolled in the Mass Communication and Media Studies or the Digital Audiences majors take a minimum of 30 credit hours of Cronkite School courses.
- A student may not take concurrent degrees in journalism and mass communication, sports journalism, mass communication and media studies, or digital audiences.

Procedures for adding a concurrent degree:

1. Once a student has decided to declare a concurrent degree, the student should inform the academic adviser for each degree in order to receive proper information about degree requirements, courses, etc.
2. When a student meets the requirements for a concurrent degree, the student should complete a Standards Committee Petition [11] and turn it in to the assigned Cronkite School academic adviser [12]. Students in the Cronkite School are assigned an advisor by the student's last name.
3. The student also needs to contact the college offering the concurrent degree to be added and follow that college's procedures for requesting and pursuing concurrent degrees.
4. If a student no longer wishes to pursue a concurrent degree, the student should email that intention to the academic advisor, and the message should include the student's full name and ASU ID number as well as which degree the student wants to have removed from the academic record.

Any questions should be directed to Cronkiteadvising@asu.edu [13].

Additional information about specially designed Cronkite concurrent degrees can be found on the Cronkite School Dual Degree Programs [14] page.

Reinstatement/Readmission

Students seeking readmission after being discontinued from the university should contact undergraduate admission services at <https://admission.asu.edu/contact> [15].

Other Special Requirements

Major proficiency requirements: All Cronkite students must receive at least a "C" (2.00) or better in all JMC and MCO courses. Journalism and Mass Communication and Sports Journalism majors must also receive a grade of "B-" (80%) or

better in JMC 101 Grammar for Journalists. Students must also maintain at least a cumulative GPA of 2.50 to be eligible to enroll in JMC and MCO classes.

Graduate Policies

The Walter Cronkite School of Journalism and Mass Communication is a nationally recognized professional program that prepares students for careers as reporters, editors, producers, correspondents, anchors, multimedia journalists and strategic communicators. Our students go on to online media outlets, television stations, newspapers, magazines, radio stations, websites, public relations firms and digital media companies.

More information on the school's academic standards, policies and procedures and those of the Graduate College can be found at <https://graduate.asu.edu/current-students/policies-forms-and-deadlines/policy-manuals> [16]. Students must fulfill all requirements of their individual graduate programs to remain in good academic standing, and they must abide by all university policies including those of the Graduate College and the Walter Cronkite School of Journalism and Mass Communication.

Academic Integrity

Academic dishonesty in any form is not tolerated in the Walter Cronkite School of Journalism and Mass Communication.

The crux of democracy is the ability of a nation's citizens to obtain honest, truthful and balanced information, and the credibility and integrity of the individual journalist and communications professional are crucial in that effort.

In light of the Cronkite School's mission to prepare students to become journalists and communication professionals, it is critical that credibility and integrity are fostered within the educational environment of the school. To that end, zero tolerance for academic dishonesty is enforced for every course and educational activity offered or sanctioned by the school.

Any allegations of academic dishonesty automatically is referred to the standards committee of the school for review and recommendation to the dean of the school. If any student is found by the committee to have engaged in academic dishonesty in any form, including but not limited to cheating, plagiarizing or fabricating, that student receives a grade of "XE" (academic dishonesty) for the class and is dismissed from the Walter Cronkite School of Journalism and Mass Communication. **There are no exceptions.** The Cronkite School Academic Integrity Policy is available at https://cronkite.asu.edu/assets/pdf/Academic_Integrity_Policy.pdf [2]

The Cronkite School notifies the Graduate College if a graduate student is being recommended for dismissal from the school for having engaged in academic dishonesty.

Admission

Candidates for the on-campus Master of Mass Communication, Master of Arts in investigative journalism or Master of Arts in sports journalism degrees apply online at <https://admission.asu.edu/graduate/apply> [17].

The graduate application opens Sept. 1. Applications are reviewed on a rolling basis. Applications received before Dec. 1 are given priority for both admission and funding. The final application deadline is June 1.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

They must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of a student's first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- GRE scores
- three letters of recommendation
- personal statement of interest (350 to 500 words in length)
- resume
- proof of English proficiency

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. TOEFL scores must be at least 100 for the internet-based test. Students should see the program website for application deadlines and admission terms. Applicants must meet all deadlines and application requirements to be considered. The Cronkite School's master's degree committee reviews complete and on-time applications. Recommendations for admission are made to Graduate Admission Services, where the final admission decisions are made.

Candidates for the online Master of Science in business journalism apply online at <https://webapp4.asu.edu/dgsadmissions/Index.jsp?program=GRCS&plan=CSBSJMS&subplan=&campus=ONLINE> [18]. Candidates must submit a graduate application, application fee, resume, statement of personal interest (300-500 words) and official transcripts. An applicant whose native language is not English must provide proof of English proficiency, regardless of current residency, with an internet-based TOEFL score greater than 100.

Candidates for the online Master of Science in digital audience strategy apply online at <https://webapp4.asu.edu/dgsadmissions/Index.jsp?program=GRCS&plan=CSDASMS&subplan=&campus=ONLINE> [19]. Candidates must submit a graduate application, application fee, resume, statement of personal interest (300-500 words) and official transcripts. An applicant whose native language is not English must provide proof of English proficiency, regardless of current residency, with an internet-based TOEFL score greater than 100. The Master of Science in digital audience strategy is only available to candidates who have not completed the BS in digital audiences or the undergraduate minor in digital audiences.

Degree Requirements

Plan of Study

After completing 50 percent of the minimum credit hours required for master's degrees, students must submit an official plan of study with the Walter Cronkite School of Journalism and Mass Communication. The plan of study is available online in the My Programs box on My ASU at <https://my.asu.edu> [20].

The student selects the ASU courses that have been taken, those in progress and those the student plans to take in future semesters. Once the plan of study is completed, it is electronically forwarded to the Cronkite School's graduate office. It must be approved by the Cronkite School's assistant dean responsible for the master's programs. The completed plan of study is sent to the Graduate College and then to the graduation office. The approved plan of study is a contract between the student and the school verifying the classes the student intends to take during his or her course of study. Students who do not have an approved plan of study on file are not eligible for graduation. Changes in the plan of study may be made by using the form Course Changes to the Graduate Plan of Study available online on My ASU at <https://my.asu.edu> [20].

Students who need to file a plan of study will be notified by the Graduate College via email. If the student fails to file the plan of study within the specified time period, a hold is placed on the student's ASU record. The hold will prevent the student from registering for classes. Once the student has filed the plan of study and it has been approved, the hold is removed. The Graduate College monitors students' iPOS statuses and places or removes the holds.

Academic Standing

Satisfactory Academic Progress

All graduate students are expected to make systematic progress toward completion of their degree. This progress includes satisfying the conditions listed below and achieving the benchmarks and requirements set by the individual degree programs. Each degree program should have in place policies for satisfactory academic progress. Students are responsible for verifying additional satisfactory progress policies as described in the program handbook. If a student fails to satisfy the requirements of their degree program and the benchmarks outlined below, the student may be dismissed from their program based on the academic unit's recommendation to the Graduate College. The dean of the Graduate College makes the final determination.

1. Maintain a minimum GPA of 3.00 on the iPOS, graduate and cumulative GPAs. If a GPA is less than 3.00, the student must develop, with their advisor, an academic performance improvement plan that includes the conditions and time frames for making satisfactory academic progress in the degree program.
 - The iPOS GPA is calculated from all courses that appear on the student's approved iPOS.
 - The graduate GPA is calculated from all courses numbered 500 or greater that appear on the transcript, with the exception of courses counted toward an undergraduate degree at ASU (unless shared with a master's degree in an approved bachelor's and master's degree program) and from courses identified as deficiencies in the original letter of admission. The student is considered to be on academic probation until the conditions specified in the academic performance improvement plan are met and both GPAs are greater than 3.00.
 - The cumulative ASU GPA represents all courses completed at ASU during the graduate career.
2. Satisfy all requirements of the graduate degree program.
3. Satisfy the maximum time limit for graduation from the student's graduate degree program.
4. Doctoral students must complete all program requirements within 10 consecutive years.
5. Successfully pass any comprehensive exams, qualifying exams, foreign language exams and the oral defense of the proposal or prospectus for the thesis or dissertation that are required for the specific graduate program.
6. Successfully complete the culminating experience and, if required, the oral defense of the culminating experience.
7. Graduate students must stay continuously enrolled in their graduate program. Failing to do so without a Graduate College-approved Request to Maintain Continuous Enrollment is considered to be a lack of academic progress and may lead to automatic dismissal of the student from the graduate program. Persistent "W" (withdrawal) and "I" (incomplete) grades during multiple semesters on a plan of study or transcript may reflect a lack of academic progress.

In addition to the Graduate College satisfactory academic progress policies, the Walter Cronkite School of Journalism and Mass Communication has adopted the following:

1. If any of a student's GPAs are less than 3.00, the student will be placed on probation. If the student's GPAs are not raised to at least 3.00 by the end of the next semester, a recommendation is made to the Graduate College to remove the student from the graduate program.
2. If a student in the Master of Mass Communication, Master of Arts in investigative journalism or Master of Arts in sports journalism earns less than a "C" (2.00) in MCO 502 Journalism Skills (Bootcamp), the Cronkite School recommends to the Graduate College that the student should be removed from the program immediately.
3. To receive their degrees, Master of Mass Communication, Master of Arts in investigative journalism and Master of Arts in sports journalism students who have MCO 570 Capstone as their culminating experience are required to earn at least a "B" (3.00).
4. Students in the online Master of Science in business journalism must earn at least a "B" (3.00) in the applied project MCO 593.
5. Students in the Master of Science in digital audience strategy program must earn a "B" (3.00) or better in MCO 561 - Defining the Digital Audience before enrolling in MCO 562, 563, 564 or 565. To receive their degrees, students also are required to earn at least a "B" (3.00) in MCO 566 - Digital Audience Management (Capstone). To enroll in the MCO 566 (Capstone), students must earn a B (3.00) or better in MCO 561, and a "C" (2.00) or better in all other courses.

Appeals

Students who want to appeal a course grade must first discuss the issue with the instructor. If the issue is not resolved, the student may appeal the decision to the school's standards committee; the standards committee reviews the issue and makes a recommendation to the dean. The dean's decision is final. Students should be aware the standards committee may recommend a grade lower than the one awarded by the course instructor.

If a student fails to make satisfactory academic progress and a recommendation is made to the Graduate College to remove the student from their graduate program, the student has 10 business days to file a written appeal with the dean. The dean's decision regarding appeals is final.

Credit/Registration

Transfer Credit

Students admitted to the 30 credit hour mid-career MMC program may transfer up to six credit hours of approved coursework taken before beginning the program not used toward a previous degree; the six credit hours may include non-degree coursework. Only courses with a grade of "A" (4.00) or "B" (3.00) and taken within three years of admission to an ASU graduate program may be accepted as transfer credit.

In order to have graduate coursework that was completed at other accredited institutions included on a plan of study, a student must petition the Cronkite School's master's or doctoral committee. The student also must complete the petition section of the plan of study.

Students who are in the 36 credit hour professional master's degree program are not permitted to transfer coursework from another institution or from another ASU program.

400-Level Courses Taken for Graduate Credit

The Walter Cronkite School of Journalism and Mass Communication may allow graduate students to enroll in and use up to two three-credit 400-level courses on their plans of study (a total of six credit hours). Students must receive permission from the assistant dean prior to enrolling in any 400-level course they intend to include in their plans of study. Students taking these courses are responsible for obtaining and completing the 400-level course contract form. This form specifies what the student must do to receive graduate credit for the course. It must be signed by the professor.

Preadmission Credit

Credit earned in graduate-level courses (per the Graduate College pre-admission policy) by undergraduate students may count toward their graduate degrees at ASU provided the credit hours have not been used toward a previously awarded degree. Before awarding a bachelor's degree, ASU undergraduate students should contact their undergraduate advisor to set aside graduate courses for use toward a graduate degree.

Reserving a course does not guarantee the student will be admitted to a graduate degree program or that the course will be used to meet graduate degree requirements. A maximum of nine semester hours of credit may be reserved, and only courses with a grade of "B" (3.00) or better are applicable. Reserved credit is classified as non-degree credit and must be taken within the six-year time limit to be included on a plan of study.

Grades of Incomplete

The Graduate College requires students who receive an incomplete in graduate coursework (500 level or above) to complete the necessary work within one calendar year or a shorter time frame as agreed up on by the instructor and student. If the incomplete is not removed within one calendar year, it becomes part of the student's permanent transcript and cannot be used on a student's plan of study. To receive credit for the course, the student must repeat the course by re-registering, paying fees and fulfilling all course requirements.

Master's students with more than one incomplete at any time are considered failing to make adequate progress, and they are placed on probation. If the student does not complete the work to remove the incomplete and earn a letter grade by

the end of the calendar year, a recommendation may be made to the Graduate College to remove the student from the program.

With 400-level courses taken for graduate credit, students are required to complete the necessary work to remove an incomplete grade within one calendar year. If the incomplete grade is not removed within one calendar year, the "I" will become an "E". An "E" cannot be used to meet the requirements for a graduate degree, but it is used to calculate the student's GPA. Students may retake the class to earn a higher grade; however, both the "E" and the new grade are used in calculating the student's GPA. If this results in a GPA of less than 3.00, a recommendation to withdraw the student from the program is made to the Graduate College.

Other Special Requirements

Time Limitations

Students have three years from the start of their program to complete the Master of Science in digital audience strategy, six years from the start of their program to complete other Cronkite School master's degrees, and 10 years from the start of the program for doctoral degrees.

Applied Project

Students enrolled in the 30 credit hour mid-career Master of Mass Communication program have the option of completing an applied project and are eligible to enroll in MCO 593, Applied Project, when they have no more than six credit hours of coursework remaining on their plan of study. Students interested in completing an applied project are encouraged to meet with the assistant dean no later than the end of their first year in the program.

Financial Aid

Many graduate students receive financial aid from ASU to assist in financing their education. More information can be found at <https://graduate.asu.edu/pay-for-graduate-education> [21].

ACEJMC Values and Competencies

As a member of the Accrediting Council on Education in Journalism and Mass Communication, the Cronkite School is committed to classroom learning that achieves ACEJMC professional values and competencies. These include the core areas: freedom of speech, ethics, diversity, critical thinking, research, writing and use of tools and technologies related to the field. For a full list of ACEJMC values and competencies, students should see <http://www2.ku.edu/~acejmc/PROGRAM/PRINCIPLES.SHTML#vals&comps> [22].

Diversity Principles

The Walter Cronkite School of Journalism and Mass Communication practices inclusivity in student, staff and faculty populations in order to create an academic environment that embraces diversity of thought and acceptance of all people regardless of societal, political, cultural, economic, spiritual or physical difference, age or sexual orientation.

To this end, the school directs efforts to the following four principles:

1. Actively seek out and encourage diverse populations to become productive members of the faculty, staff and the student body.
2. Create and maintain a work, learning and social environment that is cognizant of and supportive of a diversity of human differences and beliefs.
3. Incorporate within the formal content of the curriculum and in each course an affirmation of the core journalistic values of accuracy, fairness, ethical behavior and sensitivity when reflecting an increasingly multicultural world.
4. Foster and support a climate in which events and activities of the school reflect diversity of awareness, sensitivity to and support for people of different origins, orientations and abilities.

Social Media Guidelines for Student Journalists

The Cronkite School encourages participants in its professional programs to make use of social networking sites such as Facebook and Twitter, which are valuable reporting tools and promotional and distribution channels for the school's content. To ensure the highest journalistic standards in these programs, participants must abide by the standards for social media use drawn from The Poynter Institute for Media Studies and the Society of Professional Journalists' Code of Ethics.

Those guidelines are found at <https://cronkite.asu.edu/degree-programs/admissions/student-resources/social-media-guidelines> [5].

Source URL: <https://catalog.asu.edu/policies/journalism>

Links:

- [1] <https://cronkite.asu.edu/>
- [2] https://cronkite.asu.edu/assets/pdf/Academic_Integrity_Policy.pdf
- [3] <https://cronkite.asu.edu/about/diversity-principles>
- [4] <http://www2.ku.edu/~acejmc/PROGRAM/PRINCIPLES.SHTML#vals&comps>
- [5] <https://cronkite.asu.edu/degree-programs/admissions/student-resources/social-media-guidelines>
- [6] <https://cronkite.asu.edu/student-life/undergraduate-advising>
- [7] <https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/CSJMCBA/undergrad/false>
- [8] <https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/CSSPJBA/undergrad/false>
- [9] <https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/CSMCMSTBA/undergrad/false>
- [10] <https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/CSDIGABS/undergrad/false>
- [11] https://cronkite.asu.edu/assets/pdf/standards_com_petition.pdf
- [12] <https://cronkite.asu.edu/student-life/undergraduate-advising>
- [13] <mailto:Cronkiteadvising@asu.edu>
- [14] <https://cronkite.asu.edu/degree-programs/undergraduate/cronkite-school-dual-degree-programs>
- [15] <https://admission.asu.edu/contact>
- [16] <https://graduate.asu.edu/current-students/policies-forms-and-deadlines/policy-manuals>
- [17] <https://admission.asu.edu/graduate/apply>
- [18] <https://webapp4.asu.edu/dgsadmissions/Index.jsp?program=GRCS&plan=CSBSJMS&subplan=&campus=ONLINE>
- [19] <https://webapp4.asu.edu/dgsadmissions/Index.jsp?program=GRCS&plan=CSDASMS&subplan=&campus=ONLINE>
- [20] <https://my.asu.edu/>
- [21] <https://graduate.asu.edu/pay-for-college>
- [22] <http://www2.ku.edu/~acejmc/PROGRAM/PRINCIPLES.SHTML#vals&comps>

Sandra Day O'Connor College of Law Policies

Graduate Policies

Academic Integrity

Honor Code

The legal profession, a self-regulating association, depends on the integrity, honor and personal morality of each member. Similarly, the integrity and value of a Sandra Day O'Connor College of Law degree depends on a reputation for fair competition. The college's honor code is intended as a measure to preserve the integrity of the school's diploma and to create an arena in which students can compete fairly and confidently. The honor code can be found at <https://law.asu.edu> [1].

Academic Standing

Retention Standards

The College of Law requires a minimum GPA of 2.00 to continue enrollment. If a student's GPA falls below this number, he or she may be disqualified in accordance with College of Law policies.

The College of Law statement of student policies contains additional retention and academic policies. The statement of student policies can be found at <https://law.asu.edu> [1].

Advising

Academic advising for currently enrolled law students is available through the office of academic affairs.

Degree Requirements

Concurrent Degrees

College of Law students must be in academic good standing to be eligible to pursue a concurrent degree.

Shared Credit

Per the Graduate College policy for concurrent master's degrees, a maximum of 20% of the minimum total credit hours for the completion of both degrees may be common hours shared between the degree programs. The total number of hours common to both degree programs may vary from this maximum value only when the Graduate College office has formally approved coordinated degree programs.

The Graduate College policy also states that for a concurrent master's/doctoral degree a maximum of nine credit hours may be common hours shared between the degrees and may only include coursework completed after admission to both degree programs. The total number of hours common to both degree programs may vary from this maximum value only when the Graduate College office has formally approved coordinated degree programs.

The Graduate College policy for concurrent doctoral degrees states that a maximum of 12 credit hours may be common hours shared between the degrees. The total number of hours common to both degree programs may vary from this maximum value only when the Graduate College office has formally approved coordinated degree programs.

Process

Current Juris Doctor College of Law students who are interested in pursuing a concurrent degree should contact the College of Law assistant dean for academic affairs or the College of Law assistant registrar prior to applying to the college or department offering the desired concurrent degree.

Students in one of the College of Law's master's degree programs who are interested in pursuing a concurrent degree should contact the College of Law associate dean for new education initiatives prior to applying to the college or department offering the concurrent degree.

Current ASU students who are not enrolled in the College of Law and who wish to pursue a concurrent degree with the College of Law should contact the College of Law admission office. <https://law.asu.edu/admissions> [2]

Admission Process

The Sandra Day O'Connor College of Law enrolls only one first-year, JD class per year, and it enters in the fall semester. The program is a three-year program, and almost all students study on a full-time basis. The college does offer a flexible scheduling option for students with circumstances that make full-time enrollment impossible. The following steps must be completed for an applicant to be considered for admission to the JD program:

1. Demonstrate an earned undergraduate degree from an accredited four-year college or university by the time of enrollment in the JD program.
2. Take the LSAT and provide a reportable score from that test (unless you are applying under the ASU Achievement Program).
3. Submit a completed application.
4. Submit transcripts and letters of recommendation through the Law School Admissions Council's Credential Assembly Service, which will be provided to the College of Law by LSAC with the applicant's LSAT record. Applicants must apply electronically through <https://www.lsac.org/> [3].

The undergraduate record and LSAT score are only two of many factors considered for admission.

In addition to the above information there are other application tracks a prospective student may use. More details about all application processes can be found at <https://law.asu.edu/admissions> [4].

Completed applications must be electronically submitted to the Sandra Day O'Connor College of Law at Arizona State University by:

November 15, 2019 for Early Admission (non-binding) Program

March 1, 2020 for:

Binding Admission - O'Connor Honors Program (Full Tuition)

Binding Admission - O'Connor Merit Scholars Program

Binding Admission - Indian Law Leadership Program

Regular Admission Program

ASU Achievement Program

Students must fulfill all requirements of their individual graduate programs to remain in good academic standing, and they must abide by all university policies including those of the Graduate College and the Sandra Day O'Connor College of Law.

Source URL: <https://catalog.asu.edu/policies/law>

Links:

[1] <https://law.asu.edu/>

[2] <https://law.asu.edu/admissions>

[3] <https://www.lsac.org/>

[4] <https://law.asu.edu/admissions>

The College of Liberal Arts and Sciences Policies

These are the current policies in The College of Liberal Arts and Sciences.

Academic Integrity

Academic honesty is expected of all students in all examinations, assignments, papers, laboratory work, academic transactions and records. More information about academic honesty is available at <https://provost.asu.edu/academic-integrity> [1], and information about The College of Liberal Arts and Sciences policies and procedures is at <https://thecollege.asu.edu/resources/academic-integrity> [2]. The College tracks all reports of academic integrity violation internally and shares that information with other ASU colleges and schools.

Incident Reporting and Investigation

1. Anyone who, in good faith, believes that a student has engaged in academic dishonesty may report the alleged violation to the instructor or the academic integrity officer for The College in which the academic dishonesty occurred.
2. If the instructor or academic integrity officer for The College conclude that there is sufficient basis to believe the student engaged in academic dishonesty, the academic integrity officer will notify the student of the alleged violation and initiate the investigative process.
3. At any point in the process, the student can contact the academic integrity officer to seek consultation of clarification.
4. The student may be accompanied by an advisor at any point in the process. The advisor is not permitted to participate directly or speak for the student.
5. Once the investigation is complete, in consultation with the academic integrity officer, the instructor may recommend a sanction. The student will be notified of the result of the investigation and any proposed sanction.

Sanctions and Right of Appeal

The following sanctions may be imposed for academic dishonesty:

1. reduced or failing grade for the assignment or academic evaluation
2. reduced or failing grade for the course
3. an XE grade, denoting failure due to academic dishonesty
4. withdrawal of credit for a previously accepted course or requirement
5. suspension from the university for a specific period of time
6. expulsion from the university without expectation or readmission; and (or)
7. other sanctions as consistent with the ASU Academic Integrity Policy and the Student Code of Conduct [3].

A student alleged to have violated the Academic Integrity Policy has the following rights:

- The student may discuss the matter directly with the faculty member.
- If the issue is not resolved after speaking with the faculty member, the student has the right to initiate a discussion with the chair or director of the academic unit in which the alleged violation occurred or their designee, or with the academic integrity officer in The College of Liberal Arts and Sciences dean's office. If an XE for the course or a more severe sanction (e.g., suspension, expulsion) has been recommended, the student is strongly encouraged to meet with the academic integrity officer to discuss the allegation. Students may call 480-965-6506 to schedule an appointment with the academic integrity officer in The College of Liberal Arts and Sciences, Office of Student and Academic Programs.
- Formal appeals are heard by The College of Liberal Arts and Sciences Student Affairs and Grievances Committee. After discussing the matter with the faculty member, chair and The College academic integrity officer, a student has the right to appeal the finding that an academic integrity violation has occurred or the sanctions levied in connection with the violation to The College of Liberal Arts and Sciences Student Affairs and Grievances

Committee. The appeal process is initiated by scheduling an appointment with The College academic integrity officer in the Office of Student and Academic Programs. Students have 10 working days from the date of the email or letter notifying them of the academic integrity violation and proposed sanction to initiate an appeal. After the 10 days, the proposed sanction is imposed and the matter is closed.

The College's Student Affairs and Grievance Committee is a body composed of faculty and students from across The College that serves as the dean's delegate. The committee meets no more than once a week during regular fall and spring semesters but not during summer, winter or the midterm breaks. After hearing the case, the committee deliberates and makes a written recommendation to the graduate or undergraduate associate dean for his review. The final decision of the associate dean is communicated to the student and all appropriate parties in writing.

Unless a student successfully appeals the finding that an Academic Integrity Policy violation has occurred, a record of the incident and the sanctions will be retained in the records of The College and, if appropriate, the records of The College of the student's major and of the university. If the seriousness of the current situation or past violations warrant, the dean's office retains the right to impose or recommend sanctions in addition to those recommended by a faculty member.

Undergraduate Policies

Student Responsibilities

Students enrolling in courses offered by The College of Liberal Arts and Sciences are expected to follow the rules and deadlines specified in this catalog pertaining to enrollment, adding or dropping classes, withdrawals and tuition payment.

Students are encouraged to meet with their academic advisors regularly. Students with additional questions regarding the academic rules of The College and the university are welcome to meet with their academic advisor.

In addition, students must understand and follow the requirements for the university's General Studies and college graduation requirements in their edition of ASU's academic catalog. The academic catalog is the governing source for all degree requirements.

Academic Standing

The standards for GPA and the terms of academic warning, academic probation or continuing probation, disqualification and reinstatement are identical to those of the university, as set forth under retention and academic standards.

After students are placed on academic warning or probation, one of three things can happen:

- They can return to academic good standing by raising the cumulative GPA to 2.00 or greater.
- They can remain on probation by earning the required semester GPA of at least 2.00 but not raising the cumulative GPA to academic good standing. Students may continue on academic probation, earning the required semester GPA, for as many semesters as it takes to raise the cumulative GPA to academic good standing.
- They can be disqualified if they fail to achieve the required semester GPA of 2.00.

Students who are placed on academic warning or academic probation are required to see their major advisor in each term they remain on continuing probation prior to enrollment in subsequent terms.

Students who leave the university for a semester or more while on academic probation are automatically readmitted, except when reapplying to degrees in the Hugh Downs School of Human Communication, which has specific readmission criteria. Students should review the reinstatement and readmission portion of this section for more information about policies and procedures.

Students who fail to meet the minimum GPA of 2.00 in the fall or spring semester after being placed on academic probation are disqualified from further attendance at Arizona State University for a minimum of one semester. Students who are academically disqualified should contact their academic advisor to discuss options for returning to ASU.

Academic Advising

All students are encouraged to seek academic advising before registration.

eAdvisor

eAdvisor provides students the tools to successfully follow their major maps to graduation and assists the students with:

- learning more about graduation requirements for their majors
- discerning what critical requirement courses and grades are required to stay on track to successfully complete their degrees
- planning for and scheduling appropriate courses in the correct sequence to maximize success
- monitoring progress toward their degrees
- finding out how courses may fit into other majors if they decide to change majors or to add concurrent degrees

Students can learn more about eAdvisor and access it at <https://eadvisor.asu.edu/> [4].

Advising Locations

The College of Liberal Arts and Sciences on-campus, continuing, and all Online students should seek routine advising in the department or school of their major. Locations of each advising office can be found at <https://thecollege.asu.edu/advising/departments> [5].

All on-campus first-year students and first-term transfer students in The College of Liberal Arts in Sciences should seek advising with advisors located in the Academic Advising Hubs located on the first floor of Armstrong Hall.

The Office of Student and Academic Programs, located in Armstrong Hall, 1st floor south, is the central resource center for academic information in The College. Clarification of rules, procedures and advising needs of The College and university should be directed to that office. The Office of Student and Academic Programs also provides information on policies and procedures regarding academic integrity, student grievances with respect to grades, and various petitions involving college and university degree and graduation requirements.

Required Advising

The following groups of students are required to meet with their advisors in order to be eligible to register for their courses:

- all students registering for their first semester at ASU
- first-year students registering for their second semester at ASU
- students on academic probation or continuing probation
- students newly readmitted to the university
- students who are off track in their major

Students listed above should consult an advisor in the department or school of their major. Disqualified students seeking readmission should first apply to the university for readmission [6]. Once students have been readmitted to ASU, they should consult an advisor in the department or school of their major.

| Advising for Preprofessional Programs | |
|---------------------------------------|--|
| Professional Field | Advisor Location |
| Dentistry | ARM 112 |
| Foreign Service | Diplomat in Residence, Ken Chavez, COOR 6971 |

| | |
|----------------------|--|
| Law | ARM 112 |
| Medicine | ARM 112 |
| Ministry | School of Historical, Philosophical and Religious Studies, COOR 3309 |
| Occupational Therapy | ARM 112 |
| Optometry | ARM 112 |
| Pharmacy | ARM 112 |
| Physical Therapy | ARM 112 |
| Physician Assistant | ARM 112 |
| Veterinary Medicine | ARM 112 |

Health Professions

Students who plan to pursue a health profession should meet regularly with the preprofessional advising staff located in the Futures Center (ARM 112). For each of the health-related fields listed above, specific courses must be taken to complete graduate or professional school prerequisites and to prepare for required standardized admission exams (e.g., MCAT). To schedule a meeting with a prehealth advisor, students should call 480-965-2365 or visit Handshake [7].

Prelaw

Students who plan to pursue a law-related profession should seek out guidance from the preprofessional advising staff located in the Futures Center (ARM 112). There are no specific course requirements for entrance into law school. Courses that engage students in intense critical analysis and include substantial amounts of writing, however, are recommended as are practical experiences outside of the classroom (e.g., through internships). Students can schedule a meeting with a prelaw advisor by calling 480-965-2365 or visit Handshake [7].

Academic (Grade) Grievance

Academic grievances occur when a student is appealing a final grade issued in a course. This process does not address academic integrity allegations, faculty misconduct or discrimination. Grievances must be resolved within the regular semester immediately following the session in which the grade was issued (by commencement for fall or spring) regardless whether the student is enrolled at the university.

The grievance procedures of The College of Liberal Arts and Sciences are as follows:

- An aggrieved student must first confer with the instructor and state any evidence and the reasons for questioning that the grade received was given in good faith. The instructor must review the matter, explain the grading procedure used and show how the grade in question was determined. If the instructor is a graduate assistant and this interview does not resolve the difficulty, the student may then take the problem to the faculty member in charge of the course.
- If the grading dispute is not resolved at the course instruction level, the student may appeal to the chairperson or the chair-designated representative of the department responsible for the course.

- Only when the issue cannot be resolved at the department level should the student consult with a member of senior staff in The College Office of Student and Academic Programs. Students may schedule an appointment by calling 480-965-6506 or by emailing thecollegedean@asu.edu [8] to discuss the next steps in the academic grievance process.
- After meeting with the dean's representative in the Office of Student and Academic Programs, the student has **10 business days** to file a formal written grievance with the Office of Student and Academic Programs. The grievance is then forwarded by the Office of the Dean to the instructor with a request to provide a written response within 10 business days.
- The student is then contacted to review the response when it arrives in the dean's office and confer with the dean's designee before deciding whether to request a hearing before The College of Liberal Arts and Sciences Student Affairs and Grievance Committee. The request for a hearing must be in written form. Upon receiving the student's request, the dean's designee arranges a formal hearing before The College Student Affairs and Grievances Committee. The committee meets once per week during the fall and spring terms. The committee does not meet during summer and winter breaks or during fall or spring intersessions.

The hearing, which shall be closed, shall be conducted by the committee chair. The arrangements for the order of appearance of submission of materials, testimony and related matters should be made through and by the dean's delegate in the Office of Student and Academic Programs. The dean's designee serves as an ex-officio member of the committee but has no vote in the decision-making process. The committee shall make a confidential, written report through the committee chair to the graduate or undergraduate associate dean in The College of Liberal Arts and Sciences.

The respective associate dean for Student and Academic Programs takes final action after fully considering the committee's recommendation, in keeping with university policy [9]. The associate dean informs the student, instructor, department chair or school director (if any), registrar (if appropriate) and grievance committee of any action taken. The decision of the associate dean is final.

Credit/Registration

Credits, Degrees and Course Registration

Credit Requirement

All candidates for graduation for bachelor degrees in The College are required to complete at least 120 credit hours of which at least 45 credit hours must consist of upper-division courses. A minimum cumulative ASU GPA of 2.00 is required for graduation.

Minors

The College offers minors in many of its disciplines. All minors require a minimum of 18 credit hours in the discipline with at least 12 of those credit hours as upper-division courses. Six of the upper-division credit hours must be taken from courses offered by The College of Liberal Arts and Sciences. Students should work with their major advisors to make certain they are making the most effective choices to complete their minors. If there are additional questions regarding the minor, the major advisor will consult with the department offering the minor. Students may not use courses in their minors toward their majors and, similarly, students may not use courses in their majors to fill the requirements of their minors. Additionally, there may be some disciplines that are too close in content for a student to choose a particular combination of minor and major.

Course Load

Undergraduate students are normally limited to 18 credit hours per fall or spring semester (or nine credit hours each in sessions A and B) and 14 total credit hours in summer session (seven credit hours each in sessions A and B; nine credit hours in session C). The typical student course load is 15 or 16 credit hours for a full 15-week semester.

Students who wish to register for more than 18 hours must meet GPA criteria based on the number of additional credit hours requested. Specific criteria, further guidelines, and the course overload petition form are at

<https://thecollege.asu.edu/resources/advising/credit-overload> [10]. Students meeting these requirements may seek an overload for 19 or more credit hours (or up to 10 credit hours in either session A or B) from the advising office in the departments of their majors.

Students should not assume that their petitions for overload will be granted. Overload requests are evaluated based on the student's most recent academic performance, cumulative performance and the reasons for requesting the overload. First year students and transfer students are not permitted to receive course overloads for their first semester at ASU.

Pass/Fail Grade Option

The pass/fail grade option is intended to broaden the education of liberal arts and sciences undergraduates by encouraging them to take advanced courses outside their specializations. A grade of "P" (pass) contributes to a student's earned hours but does not affect the GPA. A failing grade is computed into the GPA.

The College of Liberal Arts and Sciences students with at least 60 credit hours may take courses under the pass/fail option. The following conditions apply:

- Enrollment for the pass/fail option must be approved by the instructor and The College offering the course as well as the student's college or school. Permission is recorded on the Pass/Fail Enrollment Form [11].
- Enrollment for the pass/fail option must be indicated during registration and may not be changed after the drop/add period.
- A maximum of 12 hours taken for pass/fail may be counted toward graduation.

Students may not enroll under the pass/fail option in courses that are:

- taken to satisfy the second-language or first-year composition requirements
- in the student's major, minor or certificate program
- counted toward or required to supplement the major
- counted as 499 Individualized Instruction
- taken for honors credits
- counted toward satisfying The College of Liberal Arts and Sciences graduation requirements or ASU's General Studies requirements

Audit Grade Option

Students may choose to audit courses in which they attend regularly scheduled class sessions but earn no credit. Students wishing to audit a course should obtain instructor approval before registering.

The audit grade option may not be changed after the drop/add period.

Degree Requirements

The College Graduation Requirements

All students in The College of Liberal Arts and Sciences must complete the university General Studies requirements as well as all requirements of their major. In addition, The College has established requirements that are specific to the BA, BS and BS in planning degrees.

Requirements for all college undergraduates: All students are required to take a minimum of MAT 117 or higher. A grade of "C" (2.00 on a 4.00 scale) or better must be earned in the chosen mathematics course.

Each student admitted as a first-time first-year student is required to complete a first-year success course or first-year seminar. These courses are designed to introduce students to The College and help them gain an understanding of what they will need to do to be successful students at ASU. Topics include academic success, academic integrity and student engagement.

Bachelor of Arts: Each student pursuing a bachelor of arts degree must demonstrate intermediate proficiency in a second language by completing the courses specified below with a grade of “C” (2.00 on a 4.00 scale) or better in each course. The second language course requirement may be fulfilled in one of the following ways:

- completion of second-language coursework at the intermediate level (202 or equivalent)*
- a foreign language course at the 300 level or higher taught in the foreign language and having 202 or its equivalent as a prerequisite
- demonstrated completion of secondary education at a school in which the language of instruction is not English
- completion of ASL 202 American Sign Language IV or its equivalent

*Those students completing this requirement in Ancient Greek must take GRK 301 and 302; students completing the requirement in Portuguese or Romanian must complete POR 314 or ROM 314.

Bachelor of Science: Each student pursuing a bachelor of science degree must complete six credit hours (two courses) of science and society courses. At least one course must be completed at the upper-division level and certain limitations apply to how courses may be cross-counted toward other degree requirements. Students should consult an advisor in the department or school of their major for a list of appropriate courses. More information about the requirement and a current list of science and society courses are available on The College's website at <https://thecollege.asu.edu/resources/science-society> [12].

Major Requirements

Each student is required to select a major from among the fields of study offered by The College. Major maps describe the requirements for completion of each degree program.

The department of the major may require up to 45 credit hours of coursework. The minimum is 30 hours. A maximum of 15 additional hours may be required in related courses and prerequisites. No more than 60 credit hours of coursework may be required to complete the major, related courses and prerequisites. Some departments require calculus-level mathematics and up to five of these credit hours may be excluded from the 60 credit hour maximum as they satisfy The College's mathematics proficiency requirement. A minimum of 12 upper-division hours in the major must be taken in residence and from courses offered by The College of Liberal Arts and Sciences.

No credit is granted toward fulfilling major or minor requirements in any upper-division course in that subject field unless the grade in that course is at least a “C” (2.00 on a 4.00 scale). In The College of Liberal Arts and Sciences, the assignment of a grade of “Y” (satisfactory) indicates a level of performance that would have resulted in a grade of at least “C” (2.00 on a 4.00 scale) had the normal grading scheme been used.

Students should see individual departmental websites for other minimum grade requirements.

Humanities

- Asia studies
- Asian languages (Chinese/Japanese)
- English*
- film and media studies
- French
- German
- history*
- international letters and cultures
- Italian
- Jewish studies
- philosophy
- religious studies
- Russian
- Spanish

Natural Sciences and Mathematics

- actuarial science
- biochemistry
- biological sciences
- biophysics
- chemistry
- computational mathematical sciences
- earth and environmental studies
- earth and space exploration
- mathematics*
- microbiology
- molecular bioscience and biotechnology
- neuroscience
- physics*
- psychology

Social Sciences

- African and African American studies
- American Indian studies
- anthropology
- applied mathematics for the life and social sciences
- Asian Pacific American studies
- civic and economic thought and leadership
- communication
- economics
- family and human development
- geographic information science
- geography
- global health
- global studies
- justice studies
- meteorology-climatology
- political science
- politics and the economy
- sociology
- transborder Chicana/o and Latina/o studies
- urban planning
- women and gender studies

*degree programs offering a concentration in secondary education

General Electives

Most liberal arts and sciences majors can meet all the requirements stated above with fewer than the 120 credit hours required for graduation. Remaining hours are general electives that may be selected from any of the departments of The College of Liberal Arts and Sciences or from the offerings of other ASU schools and colleges.

Concurrent Degrees

The College allows students who have completed at least 30 credit hours, the completion of one fall or spring semester at ASU, and a minimum GPA of 2.00 to petition The College to pursue a concurrent degree. Concurrent degrees may not be from the same discipline or have overlap in the courses required for each major. In order to complete a concurrent degree, students must earn at least 30 unique credit hours applied toward the requirements for each majors' degree. Petition forms are available within the Concurrent Degree Checklist section of the Advising Resources and Forms [13] page on The College of Liberal Arts and Sciences website. The completed forms must be submitted to the academic

advisor of the current major. Certain specially designed concurrent degree programs, viewable on Degree Search, may have different standards and requirements than individually selected ones.

Reinstatement/Readmission

Students who have been academically disqualified from the university and have not attended for at least one regular semester can earn readmission to The College and to their majors. The first step for students seeking readmission is to complete the online undergraduate admission application [14]. Students should work with the academic advisor in the desired major to discuss a plan and strategies for being readmitted to ASU. The plan may include taking coursework at a two-year college or summer classes, or both, and meeting specific GPA requirements to demonstrate readiness to return to ASU.

Disqualified students who were off track for two or more semesters at the time of their disqualification will not be automatically readmitted into their former majors.

Graduate Policies

Students should consult their program handbooks or the individual school or department for information about requirements for graduate study.

Students must fulfill all requirements of their individual graduate programs to remain in good academic standing, and they must abide by all university policies set forth by the Graduate College and The College of Liberal Arts and Sciences. Any questions in regards to graduate policies for The College can be directed to TheCollege-Grad@asu.edu [15].

Source URL: https://catalog.asu.edu/policies/liberal_arts

Links:

- [1] <https://provost.asu.edu/academic-integrity>
- [2] <https://thecollege.asu.edu/resources/academic-integrity>
- [3] <https://eoss.asu.edu/dos/srr/codeofconduct>
- [4] <https://eadvisor.asu.edu/>
- [5] <https://thecollege.asu.edu/advising/departments>
- [6] <https://students.asu.edu/readmission>
- [7] <https://career.asu.edu/handshake>
- [8] <mailto:thecollegedean@asu.edu>
- [9] <https://catalog.asu.edu/appeal>
- [10] <https://thecollege.asu.edu/resources/advising/credit-overload>
- [11] <https://students.asu.edu/forms/application-pass-fail-enrollment>
- [12] <https://thecollege.asu.edu/resources/science-society>
- [13] <https://clas.asu.edu/resources/advising>
- [14] <https://admission.asu.edu/undergrad/readmission>
- [15] <mailto:TheCollege-Grad@asu.edu>

College of Nursing and Health Innovation Policies

The Edson College of Nursing and Health Innovation periodically needs to implement new policies, protocols and procedures to comply with accreditation, regulatory or clinical health care agency requirements; therefore, policies, protocols and procedures are subject to change. Students should confirm current policies, protocols and procedures for clinical placements with the respective student handbook [1]. Commonly referenced policies, protocols and procedures are given in the appendices of student handbooks.

Students interested in the prelicensure nursing programs (programs leading to RN licensure), RN to BSN, or the RN to BSN concurrent enrollment program who want to obtain the most current information on college policies should contact our student academic services office at 602-496-0888. The capacity to provide clinical learning experiences is subject to change; therefore, the capacity to enroll students in these programs may vary depending upon the availability and requirements of clinical learning experiences.

Academic Integrity

Academic and Professional Integrity

Academic honesty is expected of all students. Possible sanctions include appropriate grade penalties, disqualification and dismissal. The Edson College of Nursing and Health Innovation adheres to the ASU student code of conduct, the ASU Academic Integrity policy, and the college academic and professional integrity protocol located in student handbooks. A copy of the ASU Academic Integrity policy may be obtained online at <https://provost.asu.edu/academic-integrity> [2] and a copy of the Edson College academic and professional integrity protocol may be obtained online at <https://nursingandhealth.asu.edu/student-life/current-students> [1]. Academic dishonesty is not tolerated in any course and is subject to specific Edson College of Nursing and Health Innovation policies and procedures.

Undergraduate Policies

Academic Standing

University standards for academic good standing are followed for all majors in the college. Students who do not maintain the minimum GPA after each fall or spring semester are placed on academic probation. Students on academic probation or continuing probation must meet with an academic advisor before registering for the subsequent semester. Students placed on academic probation have one semester to raise the cumulative or semester GPA to meet the academic good standing criteria; otherwise, they may be disqualified or be determined to be ineligible for the majors in this college. Disqualified students are not permitted to enroll for the fall or spring semesters.

eAdvisor tracking focuses on students who initially enroll as full-time first-year students, and the tool tracks their progress during the first four semesters. It identifies and outlines the critical courses, GPA requirements and milestones that predict success in each major. Students use major maps and progress reports to plan which courses to take each semester.

Students who do not meet critical requirements are notified they are off track, and off-track status is displayed on My ASU student pages. Off-track students are required to see an academic advisor before registering for or adding classes. Students off track for two consecutive semesters may be required to change majors, depending on the major. Students in the BSN nursing traditional prelicensure clinical nursing program, in alignment with continuing eligibility criteria, are required to change their major if they are off track for one semester.

Students pursuing the RN to BSN, the postbaccalaureate BSN or the concurrent enrollment program are not critically tracked.

Advising

Academic advising is an essential aspect of the educational experience and is provided by the college through the student academic services office. Academic advisors assist students with program planning, registration, preparation of petitions, verification of graduation requirements, referrals to university and community resources and career planning. ASU accepts coursework transferred from other accredited institutions, and the Edson College of Nursing and Health Innovation determines if and how the courses will be applied.

The student academic services office is committed to ensuring that students reach their academic goals. This is done by monitoring student progress and providing the academic resources and personalized tools students need to get off to a good start and stay on track toward graduation. Students can monitor their own progress with the eAdvisor academic success resources at My ASU. More information on eAdvisor can be found at <https://eadvisor.asu.edu> [3].

Student responsibilities include following university guidelines regarding submission of transcripts from all colleges other than ASU, obtaining the necessary signatures or computer verifications required by the university, and following university procedures for matriculation. It is ultimately the responsibility of each student to fulfill academic and program requirements.

Mandatory Advising

All first-year students and new undergraduate transfer students are required to meet with an academic advisor before registering for courses. Students with academic probationary status and off-track students are required to meet with an academic advisor to plan strategies for improving academic standing. Students interested in the prelicensure nursing program must attend or view a BSN information session before a one-on-one academic advising appointment will be scheduled. Information session information is located at <https://nursingandhealth.asu.edu/admissions/information-sessions> [4].

Credit/Registration

Course Load

Students wishing to register for more than the maximum allowable credits in a term must contact their academic advisor to obtain an approved overload before registration.

All upper-division nursing courses will be taken for a grade except for selected clinical courses in the prelicensure program that are taken for “P” (pass) or “Y” (satisfactory).

Students wishing to pursue concurrent degrees must petition the university standards committee and have approval from the Edson College of Nursing and Health Innovation and from the college that offers the other chosen degree.

Degree Requirements

RN to BSN Program

Applicants who have an associate degree in nursing or a nursing diploma and have their RN license must apply to the online RN to BSN program [5]. Potential students must have an active RN license in good standing in the state or country in which they are working. There is a minimum GPA of 2.50 for all undergraduate coursework. All prerequisites, including a statistics course, require a grade of a “C” or better.

The RN to BSN program courses are offered online and can be completed in 14 to 24 months. There are five starts per year: two in the fall, two in the spring, and one in the summer.

The RN to BSN program builds on the knowledge and skills the student learned in their associate degree or diploma program. The course assignments will enhance the student’s written and verbal communication skills, clinical reasoning skills and technology skills. Faculty members are leaders and experts in their practice areas. The faculty strive to prepare graduates who will be engaged, professional and innovative leaders who use evidence-based practice to facilitate positive

change in the work environment and community. Graduates will demonstrate holistic population-based perspectives and be solution identifiers, client advocates and effective communicators.

Traditional Prelicensure Clinical Nursing Program

Admission requirements for the traditional prelicensure clinical nursing program are more rigorous than university requirements. Some entering first-year students will be directly admitted to the nursing major. Other students will be admitted to an alternative major, the BS in community health, and then compete for space in the nursing program. A competitive advancement process is utilized to fill any available seats in the TPCNP after placing directly admitted nursing major students. Spaces will be given to those students with the highest advancement score. Directly admitted nursing major students must meet continuing eligibility criteria each semester. If they fail to meet one or more of the criteria, they forfeit their direct admission nursing major status and may compete for advancement to the TPCNP.

Direct Admission

Students admitted with direct admission status upon entering ASU as a first-year nursing major must meet the continuing eligibility criteria outlined in their major map, each semester, to maintain this status. If direct admission is retained throughout the advancement process, students are guaranteed placement into the clinical nursing program within one year of the semester in which all 17 critical courses are completed. Direct admission students are not guaranteed their first preference. In the event the number of direct admission students requesting placement in a specific cohort is greater than the number of spaces available, placement will be determined by random selection.

Competitive Advancement Process

Students in majors other than nursing, are all eligible to compete for a space in the program through the competitive application process provided they have completed the prerequisite courses and all screening items. The advancement score for the TPCNP is composed of the select GPA and the TEAS score. Seats are given to the students with the highest advancement scores. For students applying through the competitive application process, the select GPA and the TEAS scores are used to rank students from high to low. After directly admitted students who meet continuing eligibility criteria are advanced, students who are the highest on the list are offered the remaining spaces in the TPCNP. Students not selected may choose to compete again in the next term. There is no limit on the number of times students may compete; a waiting list is not maintained. Students who do not meet the minimum select GPA and TEAS scores are withdrawn from consideration. Nursing faculty may opt to use additional criteria in the selection process.

Select GPA for Competitive Selection: The select GPA is computed based on 13 critical (prerequisite) courses and must include ENG 101, ENG 102, and three of the four lab sciences: BIO 201, BIO 202, CHM 101, MIC 205/206. Critical courses with a grade of “C” or better may not be repeated to improve the select GPA. Students should see an academic advisor for possible replacement course options. Students who have already earned a bachelor’s degree may choose to use a “pass” grade rather than letter grades for ENG 101 and 102.

Prerequisite and select GPA for Competitive Students: Students must have a minimum 3.25 in both their prerequisite GPA and select GPA. The average select GPA has been much greater than a 3.25 for those advanced into the program in previous semesters.

TEAS for Competitive Students: Students will be measured in the basic essential skills in academic content areas of reading, mathematics, science, and English and language usage. To prepare for the exam, students should visit www.atitesting.com [6] to review the resources available from the creators of the exam. The minimum required TEAS score is 58.7%. Direct admit students are not required to take the TEAS, but it is highly recommended.

Students who do not meet the minimum select GPA and TEAS scores are withdrawn from consideration.

Accelerated Clinical Nursing Program

Placement in the Accelerated Clinical Nursing Program is based on clinical space availability. More students may request placement than clinical space will allow. Placement is not guaranteed. The program is a 12-month program that begins during the spring semester and it includes the spring, summer and fall semesters. The program is offered only at the ASU Downtown Phoenix campus. Summer tuition rates apply for the summer semester and the program has a program fee.

The prerequisites for this program are BIO 201, BIO 202, CDE 232, CHM 101, HCR 220, HCR 240, MIC 205/206, NTR 241, PSY 101 and a statistics course that meets the General Studies CS requirement. Eight of the 10 courses must be completed by the application deadline with a minimum GPA for the semester in which the student applies. Science courses must be taken within seven years of the semester in which the program will start.

Grades of "C" (2.00) or better must be earned in each prerequisite course and a minimum cumulative GPA of 3.50 for the prerequisites mentioned above is required by December 31. Courses with a grade of "C" or better may not be repeated to improve the prerequisite GPA. Students should see their academic advisor for limited replacement course options.

Placement is based on a select GPA and a TEAS score of 58.7% or higher (test must have been taken less than one year prior to the application deadline). Eligibility requirements, criteria for placement and measurements are subject to change. The select GPA will be computed based on eight of 10 prerequisite courses. If only eight prerequisite courses are completed by the placement deadline, the student's select GPA will include all eight of the courses, four of which must be science courses. If the student has more than eight courses completed, they must select at least three of four lab sciences and then choose five other courses.

Concurrent Enrollment Program (CEP)

The concurrent enrollment associate-baccalaureate nursing program designed for qualified nursing students who are interested in earning their BSN in nursing while simultaneously pursuing their AAS in nursing. Selected students will be enrolled in the community college program and ASU RN to BSN courses concurrently. RN to BSN courses taken at ASU will be delivered in an online format. The concurrent enrollment program allows students to pursue an AAS in nursing via the community college while providing an affordable, concurrent course of study that enables students to complete their BSN degree in approximately one to two semesters after graduating with their AAS degrees.

ASU prerequisite requirements are BIO 201, BIO 202, CHM 101, PGS 101 or CDE 232, MIC 205/206, ENG 101 and 102, HCR 240, and the math requirement (MAT 117, 142, or higher), and students must have a 3.00 or greater GPA in these courses to be eligible for consideration.

For more information about concurrent enrollment programs, students should call 602-496-0937.

Course Grades and Currency

Students in the nursing programs must earn grades of "C" (2.00) or better in all nursing coursework except in nursing practice courses in which a designation of a "Y" (satisfactory) or "P" (pass) grade is required. In addition, students are allowed only one nursing course failure (i.e., grade below "C"). The second failure in a nursing course will result in disqualification from the nursing major.

For the traditional prelicensure and accelerated clinical nursing programs, the science courses CHM 101, BIO 201, BIO 202, MIC 205 and MIC 206 must be current within seven years of the program start date.

Undergraduate nursing (prefix: NUR) courses expire after five years. After course expiration, students must re-enroll in the course and must earn a grade of C or higher. Students may earn university elective credit or general studies credit for the original course.

Program Fee: Accelerated Clinical Nursing Program: There is a \$5,500 program fee per semester or term for the accelerated BSN pathway in addition to regular tuition and fees. This totals approximately \$16,500 in program fees plus regular tuition and fee charges. Fees are subject to change and are nonrefundable. All tuition and fees are subject to change.

Concurrent Degrees

Concurrent degrees are multiple degrees with one conferral date. The student receives both degrees at the same time regardless if coursework for one degree is completed prior to the other degree. To pursue concurrent degrees, students must be in good academic standing.

A student desiring a concurrent degree program must meet with an academic advisor in both degree programs to learn about degree and graduation requirements and the eligibility requirements for submitting a petition. Both academic success specialists should review the graduation plan that outlines the courses the student will take each semester through graduation.

A student pursuing a concurrent degree must submit a university petition requesting the concurrent degree.
<https://nursingandhealth.asu.edu/student-life/current-students> [1]

The concurrent degree petition must include:

1. an accurate degree completion plan that has been reviewed by academic success specialists from both degree programs and that shows the courses to be taken each semester through graduation
2. a formal statement outlining the request for concurrent degrees which may include short- and longer-term personal and career objectives and goals

The Edson College of Nursing and Health Innovation petitions subcommittee will review the student's concurrent degree request. Concurrent degrees may not be from the same discipline or have significant overlap in the courses required for each major.

Approved petitions are forwarded to the university registrar for notation on the student's record.

To remove a concurrent degree, the student should email CONHI_advising@asu.edu [7] with the student's full name and ASU ID number as well as which degree the student wants to be removed from the academic record. If the student is pursuing any minors, the student must indicate if they wish to retain the minors.

Reinstatement/Readmission

Disqualified students who have skipped a fall or spring semester must follow the procedures for readmission. Information about readmission to the university is at <https://admission.asu.edu/undergrad/readmission> [8]. Applications for reinstatement and readmission to nursing are subject to rigorous requirements that reflect admission and progression standards.

Other Special Requirements

Special Note: The Edson College of Nursing and Health Innovation periodically needs to implement new policies, protocols and procedures to comply with accreditation, regulatory or clinical health care agency requirements; therefore, policies, protocols and procedures with respect to clinical placement are subject to change. Students should confirm current policies, protocols and procedures with the student handbook at <https://nursingandhealth.asu.edu/current-students> [1].

Titers and Immunizations

Students should refer to the appropriate student handbook [1] and the nursing application guide for the most recent requirements.

Level One Fingerprint Clearance Card

Level one fingerprint clearance, in the form of a fingerprint clearance card, is required by Arizona state law in order to work with and care for children, the elderly and vulnerable adults. Fingerprint clearance is determined after a background screening process at the state and federal levels to check for criminal records. Students must have a valid, unrestricted fingerprint clearance card to advance to and remain in the clinical nursing programs. Students with concerns about a restriction may call the Arizona Department of Public Safety at 602-223-2279.

Arizona State Board of Nursing Requirement for RN Licensure

Once students have completed their clinical nursing program, they must pass a national licensing examination known as the NCLEX-RN in order to obtain a nursing license. Application for and passage of the NCLEX-RN is the sole responsibility of the student. Arizona state law prohibits an individual convicted of a felony from applying for nursing licensure or certification until five years after the date of absolute discharge of the sentence. This means that all court-ordered terms of probation or parole must be completed at least five years prior to the date of application for nurse licensure. Each case is considered by the Arizona State Board of Nursing on its own merits. The elapse of five years does not guarantee licensure or certification; it simply permits the submission of an application and board consideration. In addition, the Arizona State Board of Nursing may deny any application for a license if the applicant has committed any acts of unprofessional conduct. Students should see the Arizona State Board of Nursing website at <http://www.azbn.gov> [9].

Equal Access

The college is committed to making learning experiences accessible and inclusive for all students, including those with an identified disability or disabling condition. In compliance with the ASU policy on Students with Disabilities [10], SSM 701-02, every effort will be made to accommodate students with special needs to find cost-effective methods to address the identified student condition and serve the needs of the patients. Accommodations may include resources and assistive aids for those students with cognitive and perceptual disabilities, specialized equipment for hearing or vision deficits, and modifications to the physical environment or clinical hours. Students with disabilities are required to document their condition with the Disability Resource Center upon admission to the college and to be key participants in identifying their needs. The college will provide reasonable and appropriate accommodations for any student who has documented a disability or disabling health condition.

Supplemental Requirements for the Clinical Nursing Programs

The requirements specified in this section affect student ability to progress in the clinical nursing program course work, eligibility for clinical placement and to ultimately to be licensed as an RN.

Cardiopulmonary Resuscitation/Basic Life Support Certification: Proof of CPR/BLS health care provider certification is required. Currently, only CPR certification from the American Heart Association as a BLS Provider is accepted. Students are required to keep the CPR/BLS certification current throughout advancement consideration and when enrolled in the prelicensure clinical nursing program.

Federal and State Background Screening: Students must have an unrestricted security background check to advance to and remain in clinical nursing programs.

Substance Screen: All students in clinical nursing programs will be required to complete a substance screen. Results of the screen must be negative. Dilute specimens are considered positive. Students will also be tested for nicotine; however, the presence of nicotine will not restrict enrollment in clinical coursework but will affect the clinical placements while in the program.

Lawful Presence: The college follows the Arizona State Board of Nursing policy regarding lawful presence in the United States. "On January 2, 2008, ARS 1-504 (HB2467) was implemented by the board requiring ALL applicants to provide the board with satisfactory documentation demonstrating the applicants' citizenship, alien status, legal residency or lawful presence in the United States." (<https://www.azbn.gov/licenses-and-certifications/citizenship-and-alien-status> [11]).

Required Clinical Experiences: Clinical hours vary with facility placement and may include 12-hour blocks of time, weekends and evenings. Flexibility is required since there are a limited number of available clinical sites for student experiences. Students must have the ability to utilize written, verbal and computerized communication with faculty, peers and other health care professionals. Students are expected to demonstrate the ability to think critically and apply nursing knowledge to clinical situations. Students are also required to accept professional supervision from faculty and designated staff and effectively integrate feedback into practice.

Graduate Policies

Additional Policies

Academic Advising: Prospective graduate students may receive information through the college recruitment office at 602-496-0937 or nursingandhealth@asu.edu [12]. Upon admission, each student is assigned a faculty advisor or mentor within the degree or certificate program or area of concentration.

Students should review the student handbooks for the Edson College of Nursing and Health Innovation for information regarding graduate academic procedures and protocols: Graduate Programs in the Edson College of Nursing and Healthcare Innovation Student Handbooks [1].

Students must fulfill all requirements of their individual graduate programs to remain in good academic standing, and they must abide by all university policies including those of the Graduate College and the Edson College of Nursing and Health Innovation.

Source URL: <https://catalog.asu.edu/policies/nursing>

Links:

[1] <https://nursingandhealth.asu.edu/student-life/current-students>

[2] <https://provost.asu.edu/academic-integrity>

[3] <https://eadvisor.asu.edu/>

[4] <https://nursingandhealth.asu.edu/admissions/information-sessions>

[5] <https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-nursing-rn-bsn/>

[6] <http://www.atitesting.com/>

[7] mailto:CONHI_advising@asu.edu

[8] <https://admission.asu.edu/undergrad/readmission>

[9] <http://www.azbn.gov/>

[10] <http://www.asu.edu/aad/manuals/ssm/ssm701-02.html>

[11] <https://www.azbn.gov/licenses-and-certifications/citizenship-and-alien-status>

[12] <mailto:nursingandhealth@asu.edu>

Watts College of Public Service and Community Solutions Policies

Watts College of Public Service and Community Solutions believes our students are our greatest resource. We strive to put the well-being of our students at the center of every policy and program. Each student situation is unique, and we encourage our students to work directly with our talented advising staff to address concerns and issues within the stated policies and procedures.

Academic Integrity

Watts College of Public Service and Community Solutions academic integrity process models the ASU process. For more information on the process, including next steps, students should see <https://publicservice.asu.edu/grievance-process> [1].

Undergraduate Policies

Academic Standing

Students in Watts College of Public Service and Community Solutions are considered to be in good standing for the purpose of retention if they maintain a cumulative GPA of 2.00 or greater in all courses taken at ASU. Certain majors

within Watts College of Public Service and Community Solutions may require a progressively higher GPA than 2.00 as a student advances toward their degree. These requirements are outlined in the student's major map.

Changing Majors

A student transferring into Watts College of Public Service and Community Solutions should have a GPA of 2.00 or greater.

Probation

Any student who does not maintain good standing is placed on academic probation. A student on academic probation is required to observe any limitations or rules the college may impose as a condition for retention.

Disqualification

A student who is on probation becomes disqualified if one of the following occurs:

- The student has not returned to good standing.
- The student has not met the required semester GPA.

Disqualification is exercised at the discretion of the college and becomes effective on the first day of the fall or spring semester following college action. A disqualified student is notified by the dean of the college and is not allowed to register for a fall or spring semester at the university until reinstated. A student who is disqualified may not attend as a nondegree student.

Advising

Contact information for college advising can be found at: <https://publicservice.asu.edu/advising> [2].

The following categories of students are required to receive advising and be cleared by a program advisor before they may register for classes:

- all freshmen
- all students majoring in social work
- readmitted students
- students on probation
- students who have been disqualified
- students with special admission status
- students with admission competency deficiencies
- transfer students in the first semester at ASU

Credit/Registration

Course Load

A normal course load per semester is 15 or 16 credit hours. The maximum number of hours for which a student can register is 18 credit hours unless an overload petition has been filed with and approved by the department or school standards committee and dean or dean's designee. Semester course loads may be further limited for students in mandatory advising. Petitions for overload ordinarily are not approved for students who have a cumulative GPA less than 3.00 and who do not state valid reasons for the need to register for the credits. Students who register for an excess of 18 credit hours and do not have an approved overload petition on file may have courses randomly removed through an administrative drop action. Specific degree requirements are explained in detail under the respective college, school and department sections.

Degree Requirements

Interdisciplinary Public Service Requirement

Watts College of Public Service and Community Solutions has a college-level graduation requirement for all undergraduate students majoring within the college. This degree requirement is called the interdisciplinary public service requirement. Each student must complete coursework from other schools within the college. Students may choose a core course from their major and two courses from the approved course list for this requirement in addition to completing ASU 101-CPP. ASU 101-CPP must be completed in the first year at ASU; the other courses can be taken while completing the degree. The approved course list for each catalog year is available on the major map. Questions about this requirement should be directed to the academic advisor for the major.

Solution-Based Learning Requirement

Watts College of Public Service and Community Solutions has a college-level graduation requirement for all undergraduate students majoring within the college. This degree requirement is called the solution-based learning requirement. Each student must complete coursework from their school or another school within the college that has an SBL designation. Students must choose a course from the SBL list to meet this requirement. The approved course list for each catalog year is available on the major map. Questions about this requirement should be directed to the academic advisor for the major.

Concurrent Degrees

Watts College of Public Service and Community Solutions supports students who wish to pursue concurrent degrees. The structure of a student's academic program is customized to meet degree requirements for both programs of study. Students are encouraged to meet with an academic advisor from each degree to establish a feasible program of study.

Reinstatement/Readmission

Students seeking reinstatement after disqualification should contact Watts College of Public Service and Community Solutions student services office regarding procedures and guidance for returning to good standing. When reinstatement includes readmission, application must be made through the ASU readmission process. All academic disciplinary action is the function of the Watts College of Public Service and Community Solutions student services office (in UCENT 780) under the direction of the dean of the college. Students having academic problems should call this office for advising at 602-496-0600.

The mission of Watts College of Public Service and Community Solutions professional academic advising staff is to assist students in developing meaningful educational plans for meeting their academic, career and personal goals; this is done through an ongoing process of evaluation and clarification. The advisors strive to perform their duties in a professional, ethical, confidential, accurate and supportive manner, respecting student diversity and needs and always holding the individual in highest regard. The student and advisor should accomplish this process in a spirit of shared responsibility to help the student develop academic excellence, strong decision-making skills and self-reliance. A student who has been admitted to Watts College of Public Services and Community Solutions is assigned an academic advisor from the academic unit of the student's major area of study. Questions about advising should be directed to the student's academic advisor or to Watts College of Public Service and Community Solutions student services office.

Graduate Policies

Advising

Advising is usually handled by a professional academic graduate advisor, graduate faculty or a committee. Once admitted, each student is typically assigned an advisor in their degree's department; this advisor assists in planning a course of study. For those degree programs requiring the completion of a thesis or dissertation, a chairperson and thesis or dissertation supervisory committee are selected by their degree program's director of graduate studies, in consultation with the student and appointed by the dean of the Graduate College. Each graduate degree program in Watts College of

Public Service and Community Solutions has its own set of policies regarding academic performance expectations. Students should contact their graduate advisor to review policies relevant to their degree.

Students must fulfill all requirements of their individual graduate programs to remain in good academic standing, and they must abide by all university policies including those of the Graduate College and Watts College of Public Service and Community Solutions.

Source URL: https://catalog.asu.edu/policies/public_programs

Links:

[1] <https://publicservice.asu.edu/grievance-process>

[2] <https://publicservice.asu.edu/advising>

School of Sustainability Policies

Academic Integrity

The School of Sustainability adheres to ASU's academic integrity policies and procedures [1]. Additional information can be found on the school's undergraduate [2] and graduate policies, procedures and forms [3] pages.

Undergraduate Policies

Additional School of Sustainability Undergraduate Policies, Procedures and Forms [2] can be found online.

Academic Standing

Student Responsibilities

Students need to make many decisions as they complete their degrees. While the school and the university have a number of resources available (e.g., faculty, courses, advisors and tutors) to help in the decision-making process, students are expected to take responsibility for their decisions.

Good Standing

Students in the School of Sustainability are considered in good standing for the purpose of retention if they maintain a cumulative GPA of 2.00 or greater in all courses taken at ASU and maintain critical requirements within the major, which may include higher GPA expectations; students should refer to the major map for their catalog year.

Critical Requirements

All sustainability students must meet critical requirements for their intended majors. Students who do not comply with the critical requirements are off track and will have holds placed on their records. They will have to meet with their advisors to have the holds removed. Further registration in their intended majors may not be permitted for those students who still do not meet all critical requirements in the following semester. Students who are off track for two consecutive semesters may be required to change their major.

University Academic Warning

An undergraduate student with a cumulative GPA of less than 2.00 at the end of their first semester at the university (fall or spring) is considered to be in the status of University Academic Warning. If a student on academic warning does not achieve the minimum GPA standard of 2.00 at the end of the warning term, the student will be placed on probation for the following term.

If a student's minimum GPA falls below 2.00 in a term that is not the student's first term at ASU, the student is placed on probation. Failure to return to good academic standing after being placed on probation may result in disqualification.

Whether a student's status is academic warning or probation, the student must meet with an academic advisor to discuss academic success strategies for the subsequent semester and develop a success plan for returning to university academic good standing.

Probation

Students who are no longer in their first semester at ASU and do not maintain a cumulative GPA of 2.00 or greater in all courses taken at ASU are placed on academic probation. Before students on probation can register for classes in the next semester, they are required to complete an academic success contract with an advisor and discuss campus academic resources, plan semester goals and discuss strategies to attain academic success. Students on academic probation may be limited to the number of credit hours they can enroll in, must enroll in UNI 220 Academic Refresher, and must also do one of the following:

1. During the next semester, students on probation must raise their cumulative ASU GPA to 2.00 or greater in order to return to good academic standing.
2. They must obtain a semester GPA of 2.50 with no grade lower than a "C" in order to be granted one additional semester on continuing probation, providing them with two semesters to return to good academic standing and avoid disqualification.

Disqualification

Students who do not meet probation requirements are subject to disqualification. Disqualified students are not able to register for classes in the fall or spring semester at the university, and students who already registered for future fall or spring semesters will have their registrations canceled.

Advising

The School of Sustainability's Student Services Center assists students in achieving their personal, educational, cultural and career goals while becoming self-directed, lifelong learners. The school encourages students to meet with an advisor at least once a semester and requires that students meet with an advisor at four points during their academic career:

1. new-student advising (all newly admitted students)
2. sustainability success advising (during the first semester to plan for the second semester)
3. pivotal advising (when students typically declare their track and related discipline)
4. launchpad advising (to prepare for capstone experiences and planning for post graduation)

Office hours are Monday through Friday (excluding university holidays), 9 a.m. to 4 p.m. Students should schedule their advising appointments in advance online through My ASU [4] or this direct link [5] so advisors can set aside the appropriate time to answer all their questions.

Credit/Registration

Maximum Hours

Students enrolled in undergraduate degree programs in the School of Sustainability may register for a maximum of 18 credit hours per semester (fall and spring), with a maximum of nine credit hours per session A or session B. Students may register for a maximum of 14 credit hours per summer term, with a maximum of seven credit hours per session A or session B.

Students wanting to register for more than the maximum must submit a Credit Overload Request [6] on the School of Sustainability website and meet the stated criteria. Students are not permitted to exceed the maximum credit limit in their first term at ASU or in the hybrid year of an accelerated bachelor's + master's degree program.

Late Enrollment Transactions

The School of Sustainability adheres to all posted university deadlines for course enrollment, including add, drop, and withdrawal. Requests for Late Drop and Late Withdrawal are not approved. A Late Adds is only approved under limited, special circumstances. Instructor approval for a Late Add is required but does not guarantee final approval from the School. See the School of Sustainability Undergraduate policies, procedures, and forms [2] webpage for additional information regarding late enrollment transactions.

Degree Requirements

All students in the School of Sustainability must complete the university General Studies requirement as well as all requirements for their majors.

Major and ASU GPA requirements

Students in the School of Sustainability must maintain a minimum GPA of 2.50 in all coursework completed at the University. They must also maintain a minimum GPA of 2.50 in all coursework completed within the major.

Introductory Course Requirement

All incoming first-year students must complete SOS 191 Introduction to ASU and Sustainability with a grade of "C" or better. All incoming transfer students must complete SOS 201 Introduction to ASU and Sustainability with a grade of "Y".

Second-Language Requirement

Bachelor of Arts: Any student pursuing a BA in the School of Sustainability must demonstrate intermediate proficiency in a second language by completing the courses specified below with a grade of "C" (2.00) or better in each course. Second language course requirements may be fulfilled by one of the following:

- completion of second-language coursework at the intermediate level (202 or equivalent)*
- a second-language course at the 300 level or higher taught in the second language and having 202 or its equivalent as a prerequisite
- completion of secondary education at a school in which the language of instruction was not English

*Those students completing this requirement in Ancient Greek must take GRK 301 and 302; students completing the requirement in Portuguese or Romanian must complete POR 314 or ROM 314.

Bachelor of Science: Any student pursuing a BS in the School of Sustainability must demonstrate intermediate proficiency in a second language by completing the courses specified below with a grade of "C" (2.00) or better in each course. Second-language course requirements may be fulfilled by one of the following:

- completion of second-language coursework at the introductory level (102 or equivalent)
- a second-language course at the 200 level or higher taught in the second language and having 102 or its equivalent as a prerequisite
- completion of secondary education at a school in which the language of instruction is not English

Concurrent Degrees

The School of Sustainability has some formal agreements and major maps [7] in place for concurrent degrees, but students are not limited to these agreements.

Students may seek approval to pursue concurrent degrees with the School of Sustainability after they have completed at least 30 credit hours at ASU. To be eligible to add a School of Sustainability program as a concurrent degree, students must have a cumulative ASU GPA of 3.00.

Students interested in declaring a concurrent School of Sustainability degree or current School of Sustainability students interested in declaring a concurrent degree should schedule an appointment [5] with a sustainability advisor to complete a School of Sustainability Standards Petition [8]. Concurrent degrees must be approved by the academic units for both

degree programs, so students also need to meet the eligibility criteria and follow the process outlined by the other academic unit as well.

Degree combinations with too great an overlap between the required courses for each major will not be approved. For example: Students may not pursue a BA or BS in sustainability as well as a BS in sustainable food systems; BA in business with a concentration in sustainability; or a BA in interdisciplinary studies with a concentration in sustainability.

Reinstatement/Readmission

Students seeking reinstatement after disqualification or readmission after absence from the university should contact the School of Sustainability office regarding procedures and guidance for returning to good standing. When reinstatement includes readmission, application must be made through the ASU readmission process [9].

Other special requirements

Student Appeal Procedure on Grades

The School of Sustainability follows the university policy for student appeal procedure on grades [10]. Additional information can be found on the school's undergraduate [2] and graduate policies, procedures and forms [3] pages.

Graduate Policies

Additional School of Sustainability Graduate Policies, Procedures and Forms [3] can be found online.

Graduate students should refer to the School of Sustainability graduate handbooks for information about graduate policies and academic standards.

Students must fulfill all requirements of their individual graduate programs to remain in good academic standing, and they must abide by all university policies including those outlined by the Graduate College and the School of Sustainability.

Students should contact the school for more information, at SOSGradAdvising@asu.edu [11] or 480-727-6963.

Source URL: <https://catalog.asu.edu/policies/sustainability>

Links:

[1] <https://provost.asu.edu/academic-integrity>

[2] <https://schoolofsustainability.asu.edu/student-life/undergraduate-policies-procedures-forms/>

[3] <https://schoolofsustainability.asu.edu/student-life/graduate-policies-procedures-forms/>

[4] <https://my.asu.edu/>

[5] <https://schoolofsustainability.asu.edu/advising/undergraduate-advising/>

[6] <https://schoolofsustainability.asu.edu/sos-undergraduate-credit-overload-request/>

[7] <https://webapp4.asu.edu/programs/t5/programs/Concurrent/all/undergrad/false>

[8] <https://static.sustainability.asu.edu/sosMS-uploads/sites/58/2015/09/SOS-Undergraduate-Standards-Petition.pdf>

[9] <https://admission.asu.edu/undergrad/readmission>

[10] <https://catalog.asu.edu/appeal>

[11] <mailto:SOSGradAdvising@asu.edu>

Mary Lou Fulton Teachers College Policies

ASU's Mary Lou Fulton Teachers College creates knowledge, mobilizes people and takes action to improve education. Mary Lou Fulton Teachers College faculty create knowledge by drawing from a wide range of academic disciplines to gain insight into important questions about the quality of teaching and learning and the performance of education systems. Mary Lou Fulton Teachers College mobilizes people through bachelor's, master's and doctoral degree programs, through nondegree professional development programs and through socially embedded, multilateral community engagement. Mary Lou Fulton Teachers College takes action by bringing people and ideas together to increase the innovation capabilities of individual educators, schools and organizations, districts and communities.

Mary Lou Fulton Teachers College embraces a core value of principled innovation through which we hold ourselves accountable to three imperatives:

Economic imperative: We need to prepare learners for the next economy.

Democratic imperative: We need to prepare students to become part of an educated citizenry capable of assuming the responsibilities of self-government and of participating in a thriving civil society.

Equity imperative: We need to deliver equitable and excellent education to all learners.

For more information, students should visit <https://education.asu.edu> [1].

Academic Integrity

Students in Mary Lou Fulton Teachers College who do not exhibit integrity and professional behavior in the classroom or when in the field are referred to the college administration for disciplinary action. Students should refer to the ASU Student Academic Integrity Policy at <https://provost.asu.edu/academic-integrity> [2] for more information.

Undergraduate Policies

Academic Standing

SATISFACTORY ACADEMIC PROGRESS AND PROFESSIONAL CONDUCT POLICY

In order to remain in good standing in the Mary Lou Fulton Teachers College, students must maintain satisfactory academic progress consisting of both academic performance and adherence to the Teachers College Professional Responsibilities Standards. This document sets forth the standards and expectations for satisfactory academic progress and good standing and explains the consequences of failure to meet these standards.

In addition to the policies stated herein, students are expected to abide by applicable university and Arizona Board of Regents policies, including the ASU Student Code of Conduct (<https://eoss.asu.edu/dos/srr/codeofconduct> [3]), the ASU Student Academic Integrity Policy (<https://provost.asu.edu/academic-integrity> [2]), as well as all policies, procedures, rules, regulations and requirements established by the local education agency, school district, or school in which they are engaged in field experience or student teaching (for certification students). Failure to do so may lead to consequences that include dismissal from the program and expulsion from the university.

Section I: Academic Performance Requirements

A. Satisfactory Academic Progress

Advisors conduct ongoing reviews of students' academic and professional performance in order to determine retention and continuation status. Students with records containing indicators of professional or academic concerns may be placed on academic probation or academic suspension or may be dismissed (permanently removed) from their programs or from the college.

To meet satisfactory academic requirements, all undergraduate students must:

1. Maintain a minimum overall cumulative GPA of at least 2.00 during their freshmen and sophomore years. Teacher certification students must maintain a cumulative ASU GPA of 2.50 or greater during their junior and senior years.
2. Achieve a "C" grade or better in all courses listed on the plan or program of study, including secondary education content area courses. Earning a grade of "W" or "I" in more than one course may be considered a lack of academic progress.
3. Pass all required clinical experiences, including internships, apprentice teaching and student teaching, with a grade of "C" or better.
4. Maintain good standing as outlined in the professional responsibilities standards section. Students who violate professional responsibilities may be placed on academic probation or suspension or may be recommended for dismissal.

Definitions

Academic probation: This is the status assigned to a student who has failed to maintain satisfactory academic progress, also referred to as not in good academic standing. A student placed on academic probation is informed of the areas in which program standards are not being met and the actions the student must take to be removed from academic probation and restored to good standing. A student failing to meet the conditions for reinstatement to good standing may be recommended for dismissal from the program.

A student placed on academic probation will be permitted to progress into the next term (unless the next term includes student teaching) while addressing the deficiency. A student who is on academic probation in which the next term requires student teaching needs to meet with his or her advisor to discuss options for the semester.

Academic suspension: An undergraduate student placed on academic suspension may not progress into the next term until all deficiencies have been resolved. Students are required to complete their deficiencies within one calendar year. Failure to do so results in dismissal from the program.

Deficiency: This term describes a required course or another program criterion, such as coursework or GPA, which was not met or was not successfully completed.

Dismissal: Administrative removal from the internship, from student teaching, from the degree program, or from the college is referred to as dismissal.

When the student is notified of a dismissal, he or she must participate in a meeting with college administration. The student's current and future status is determined after further review by administration.

Professional Improvement Plan: A professional improvement plan is a tool designed to support students who may be at risk of not progressing in their major or academic plan. The PIP outlines specific action steps a student must complete in order to maintain or return to good standing within their major or academic plan. These are the typical reasons for placement on a PIP:

- poor academic standing (i.e., ongoing academic deficiencies across coursework)
- issues regarding professionalism (classes or clinical experience)
- academic integrity violation (plagiarism, cheating, etc.)

Any ASU representative or district partner may refer a student for placement on a PIP. Students who are referred for a PIP will meet with a faculty representative and director of student services to develop a plan for success in the Teachers College.

A student is prevented from further enrollment in any initial teacher or administrator program for any of the following reasons:

- expulsion from Arizona State University

- failure to meet the professional responsibilities outlined in the Mary Lou Fulton Teachers College Professional Responsibilities Standards and the ASU Student Code of Conduct
- failure to resolve academic deficiencies
- noncompliance with a professional improvement plan

B. Unsatisfactory Academic Progress Consequences

GPA and Grade Deficiencies

Academic Probation: Academic probation may be imposed if a student has one of the deficiencies listed below. A student placed on probation will be permitted to progress into the next term (unless the next term includes student teaching, an applied project or culminating experience) while addressing the deficiency. A student who is placed on probation in which the next term requires student teaching will need to meet with their advisor to discuss options for the semester.

Academic Suspension: Academic suspension may be imposed if an undergraduate student has two or more of the deficiencies listed. An undergraduate student placed on academic suspension may not progress into the next term until all deficiencies have been resolved. Students are required to complete their deficiencies within one calendar year. Failure to do so may result in dismissal from the program.

Deficiencies for undergraduate students:

1. a cumulative GPA less than 2.00 or 2.50 for teacher certification students in the junior and senior years
2. an "I" in an education course or secondary education content course
3. a grade of "D", "E", or "W" in an education course
4. a grade of "D" or "E" in a required secondary education content course

Undergraduate students are not approved for student teaching if they are on academic probation or suspension. Once a student returns to good standing, the student is approved for student teaching.

Professional Experience Deficiencies -- Undergraduate Students

The following policies apply to students enrolled in initial teacher certification or administrator certification programs.

1. A student who fails an internship course may be allowed to retake the internship one time if the reasons for failure are judged to be remediable. If a student is permitted to retake the clinical experience or internship and fails to pass the second time, the student will be dismissed from the program.
2. In some cases, internship issues may be nonremediable. These may include actions that cause the sponsoring school district or other organization to suspend or dismiss an intern or teacher or administrator candidate or to demand that the student teacher or intern be removed from the clinical placement or internship due to violations of the professional responsibilities standards, violations of a professional code of conduct, district policy, or state or federal law, or engages in other inappropriate behavior. The division determines, based on information from the supervisor, the mentor teacher, the school district, other sponsoring organization, and the student, whether the student actions warrant immediate dismissal from the program without benefit of a period of academic probation or another attempt to pass the clinical experience or internship.

C. Reinstatement to Good Academic Standing

To be restored to good academic standing:

1. A student must maintain or improve grades to meet the academic performance requirements.
2. An initial teacher candidate must meet the expectations of any professional improvement plan related to satisfactory academic progress or professionalism while in the program.

SPECIAL NOTE: A student on probation for lack of satisfactory progress in one area (e.g., academic progress or professional responsibilities) who subsequently fails to maintain good standing in the other area is recommended for dismissal. Return to good standing requires satisfactory progress in both areas during the time on probation. Sequential semesters of probation for repeated failures to maintain satisfactory progress are not considered.

Section II: Professional Responsibilities (Conduct)

A. Satisfactory Progress

Professional work is marked by a particular responsibility to the clients served. Educators are trusted with significant power and authority over students and must demonstrate that they adhere to the standards of the profession. Therefore, in addition to academic progress requirements, students are evaluated with regard to Professional Responsibilities Standards as described in this document.

The Mary Lou Fulton Teachers College Professional Responsibilities Standards show the required expectations for all students.

- All initial teacher or administrator students are expected to meet the professionalism standards in Sections A, B, C, and D at the applying level, as a minimum, throughout their course of study.
- Students in noncertification programs are expected to exhibit professional conduct by meeting all standards in Sections A and B at the emerging level, as a minimum, throughout their course of study. Showing professionalism and growing and developing professionally are expected in all clinical experiences; in PreK-12 school-related settings; and in university settings, including in interactions with university faculty and staff.

B. Unsatisfactory Progress -- Professional Responsibilities

Students are informed of an allegation of a violation of or lack of compliance with the Professional Responsibilities Standards, and they have an opportunity to respond. As a general rule, the college seeks to assist students to become professionals by working with the students to develop and improve professional conduct. Students accused of violating or not complying with the professional responsibilities standards meet with the division director or designee and the director of student services or those otherwise appointed to discuss allegations, and they will be informed of their status in the program after the meeting. Possible sanctions include academic probation, suspension, disqualification or dismissal from the initial teacher certification program.

All other university policies regarding student conduct are in addition to these requirements, and infractions of the ASU Student Code of Conduct may result in additional investigations and consequences through university procedures.

C. Dismissal from Clinical Experiences (Internship or Student Teaching)

The following policies apply to students enrolled in initial teacher certification or administrator certification programs.

In the event a school district requests that a student be dismissed from an internship or student teaching placement for unprofessional or inappropriate behavior, the intern or teacher candidate is required to attend a meeting with the division director or designee, the director of student services, and other college representatives as determined by the division director to discuss the reasons for request for dismissal from the internship or student teaching placement. If it is determined that the allegations of a violation of unprofessional behavior resulting in the request for dismissal from the school or district are warranted, one or all of the following actions may result. The intern or teacher candidate:

- will be dismissed from the internship or student teaching placement
- will receive a failing grade of "E" for the internship or student teaching course*
- will not be assigned another internship or student teaching placement during the same semester in which the teacher candidate was assigned a failing grade
- may not withdraw from the internship or clinical experience course or from the student teaching course**
- must withdraw from all courses that require concurrent enrollment with the internship or student teaching

*If an intern or teacher candidate wishes to appeal the "E" grade, the candidate can follow the grade appeal process as outlined on the Teachers College website. The first step in the grade appeal process is to meet with the course instructor. Students have 10 business days to appeal a grade.

****If a withdrawal is processed by the Office of the Registrar, the grade will be administratively changed to an "E".**

If a teacher candidate wishes to repeat the internship or student teaching and concurrent course work during the semester following the dismissal, the teacher candidate must show evidence of how they plan to resolve the situation or circumstances which resulted in the removal from the internship or student teaching. The teacher or administrator candidate will be required to meet with the division director or designee and the senior director of student services to develop a professional improvement plan outlining expectations for continued professional growth and academic development.

In the event that the teacher or administrator candidate violates the rules, policies or procedures for conduct established by the school, district, local education agency, ASU, Teachers College, or the law while on a PIP for unprofessional behavior, the teacher or administrator candidate will be dismissed from the initial teacher or administrator program. Teacher or administrator candidates who are dismissed may not petition to continue in their current academic plan, but may be eligible to pursue other non-certification degree options within Teachers College (i.e., educational studies, master's degree without certification) or within other colleges at ASU.

APPEAL PROCESS

Academic Probation

There is no appeal from the action of being placed on probation. Probation provides warning to the student of the potential for suspension or dismissal.

Grade Appeals

Reasons for Grade Appeal

A student may appeal a grade only when the student can document that one or a combination of the following has occurred:

1. The instructor erred in calculating points or acknowledging timely submission of assignments.
2. The instructor did not apply grading standards equitably; for example, there is evidence of bias due to race, age, sex, religion or national origin.
3. The instructor did not assign grades consistently with the standards and procedures for evaluation announced at the beginning of the course in the course syllabus. The instructor may amend or supplement the standards and procedures during the course by providing written or oral notice to the entire class.

Grade Appeal Procedure

To receive consideration, grade appeals must be submitted to the course instructor within 10 business days of the last date for posting final grades, as noted in the academic calendar. The academic calendar is available at <https://students.asu.edu/academic-calendar> [4].

Step One: Informal Meeting with Instructor – This step is mandatory and applies to an appeal of course grades only.

1. The student must contact the instructor of the course and submit the attached grade appeal. The student must provide to the instructor any additional relevant documentation to support the appeal and reasons for disputing the grade. The narrative accompanying the grade appeal form may not exceed five double-spaced pages.
2. The student must meet with the instructor either face to face or, in the case of online classes only, virtually. If this meeting does not resolve the grievance, the student may move to step two and submit the grade appeal form to the appropriate contact in the Office of Student Services.

If the required meeting with the instructor has not taken place, the appeal will be accepted only if the student supplies evidence that the student contacted the instructor and either received no reply within five business days or was unable to schedule a meeting within 10 business days of the date of contact.

Step Two: Submit Grievance to Office of Student Services – If the grievance is not resolved in step one, the student should contact the executive director of academic services at 480-965-5555.

Step Three: Division Director Reviews Grade Appeal – The executive director of student services will review the grade appeal and may request additional information if needed. The grade appeal will be forwarded to the division director for review.

- Undergraduate programs and graduate certification program appeals will be sent to the division director.

The division director will review all information and will notify the student of the outcome.

Step Four: Appeal Decision to the Dean

- Per university policy, the student may appeal the division director's decision to the dean, whose decision is final. The students must appeal within five business days of receiving the letter from the division director. The letter will contain information regarding how the appeal should be submitted.
- Only the issue appealed to the division director may be appealed; no new issues or complaints may be added.
- The dean or designee has full discretion as to whether to refer the appeal to the Student Issues Committee (also known as the college Academic Grievance Committee). Students should see <https://catalog.asu.edu/appeal> [5] for university policies on grade appeals.
- The student will be notified by mail of the outcome. The decision of the Student Issues Committee (dean's designee) is final.

It is university policy that students filing grievances and those who are witnesses are protected from retaliation. Students who believe they are victims of retaliation should immediately contact the dean of the college in which the course is offered.

More information on university grading policies is at <https://catalog.asu.edu/appeal> [5].

During the time of the appeal, a student may register for courses; however, if the appeal is denied and the student is withdrawn, university policies on tuition refunds will be applied. Any concerns about tuition charges should be addressed to the registrar's office.

Advising

The Office of Student Services is dedicated to providing students with the very best academic support and guidance in every phase of a student's academic program. Academic program advisors provide students with assistance in selecting classes and in fulfilling program requirements. Each ASU campus has dedicated academic advisors knowledgeable about all Teachers College programs. Students should see <https://education.asu.edu/student-life/student-services-undergraduate> [6] or <https://sites.google.com/a/asu.edu/tc-graduate-student-resources/introduction/student-success-staff> [7] for advising locations and contact information. Students are encouraged to meet with their advisors every semester.

Credit/Registration

Students are limited to a maximum of 18 credit hours per term. Enrollment in additional credit hours requires college academic advisor approval.

Audit

Teachers College students are permitted to audit any course that is not part of the professional pathways curriculum. Additional university fees are assigned to courses when the audit option is chosen.

Course Prerequisites

Enrollment in upper-division professional pathways course work requires approval from Teachers College. Students should review current course descriptions for course prerequisites.

Incomplete Grades

Incomplete grades will only be issued if a student is in good standing in the course and experiences an extenuating situation resulting in the inability to complete the course on time. Incompletes issued for courses not leading to Arizona teacher certification must be completed one calendar year from the initial grade assignment. Students enrolled in an initial teacher certification program must complete courses for which they received “I” (incomplete) grades before the start of student teaching.

Grade Appeals

The grade appeal policy for courses offered in the Mary Lou Fulton Teachers College is available at <https://education.asu.edu/mymiflc/student-forms-policies> [8]. Students attempting to appeal grades must first discuss the reasons with the course instructors. Appeals must be filed by the deadline stated in the policy.

Pass/Fail

A “Y” (satisfactory) grade is assigned to a passed course and an “E” grade is assigned to a failed course. Only the “E” grade is computed in the ASU cumulative GPA.

Transfer

Students may transfer a maximum of 64 credits from two-year institutions. There is no limit to the number of credits transferred from four-year institutions. Students interested in substituting previous teacher preparation courses for current professional pathway Teachers College courses must submit the petition for adjustment of requirements to the Office of Student Services at their chosen campuses.

Any transfer student who is interested in starting an initial teacher certification pathway must submit an online form; have a 2.50 cumulative GPA; have completed 60 credit hours; and, fulfill specific course requirements as outlined by each education major. Students who complete the Associate of Arts in elementary education, Transfer Admission Guarantee and Maricopa-ASU Pathways Program will meet the requirements for progression into the professional pathway.

Withdrawal

Students should review the Mary Lou Fulton Teachers College undergraduate withdrawal policy at <https://education.asu.edu/mymiflc/student-forms-policies> [8] and the current university withdrawal procedures at <https://students.asu.edu/drop-add> [9]. It is each student’s responsibility to withdraw from courses. Students are not automatically withdrawn for nonattendance.

Degree Requirements

Students who begin at ASU as freshmen follow the major maps for their chosen programs. The major map is an outline that students follow each term for enrollment. Students who have attended only ASU have their progress reviewed at the completion of each term to ensure that they are on track for graduation. Transfer students must attend an advising session in which they will learn the degree requirements as well as minimum eligibility requirements for degree completion. Students must fulfill clinical experience, student teaching or service learning requirements as part of degree completion. Mary Lou Fulton Teachers College is committed to providing support and resources for students needing academic or professional growth assistance.

To be in good standing in Mary Lou Fulton Teachers College, students must maintain an overall cumulative GPA of 2.00 or greater (2.50 GPA for teacher certification students in junior and senior years) and earn a “C” grade (2.00) in all education courses. Students are evaluated in accordance with the Mary Lou Fulton Teachers College retention and continuation policy. Students in the professional pathway are formally reviewed regarding their academic progress to determine retention and continuation status. Students with records that contain indicators of professional or academic concerns will be placed on probation, suspension or permanently removed from their programs.

Students who exhibit unprofessional behaviors or attributes are required to meet with a Mary Lou Fulton Teachers College administrator to develop a professional improvement plan, which outlines the expectations for continuing in the program. Such students are placed on probation or suspension and are subject to the disqualification policy of Mary Lou Fulton

Teachers College. Students should refer to the retention and continuation policy for additional information: <https://education.asu.edu/mymifc/student-forms-policies> [8].

Concurrent Degrees

The primary degree is the one that shows at the top of a student's transcript. A concurrent degree is an additional degree a student pursues.

Requirements for students who wish to pursue a concurrent degree:

- Students must be in good academic standing, maintaining a minimum cumulative GPA of 2.50 or greater. (Exception: Students enrolled in the educational studies degree program must maintain a minimum cumulative GPA of 2.00.)
- Students must inform their Teachers College advisor of each degree being pursued as a concurrent degree. This information is important to the department's record-keeping and it may affect recommended courses.
- Students studying secondary education may not pursue a concurrent degree in the same area as their content area.
- If one of the degrees is offered through another college, the student must contact that college and complete its required procedures for requesting and pursuing concurrent degrees.

Reinstatement/Readmission

Applications for reinstatement and readmission are reviewed by the director of undergraduate student services on a case-by-case basis.

Other Special Requirements

STUDENT TEACHING REQUIREMENTS

The following policies apply to students enrolled in initial teacher certification or administrator certification programs.

Academic Requirements

To be eligible to progress into student teaching, a student must be in good academic standing with the Teachers College and all outstanding courses. Students who have academic deficiencies as outlined above are not approved for student teaching until the deficiencies are completed. For undergraduates, this includes requirements for general studies, foundational courses, and electives in the major and minor. For graduate students, this includes all requirements that appear on the program and plan of study.

If students wish to take a course concurrently with student teaching in addition to the courses required during student teaching, they must submit a petition for review by the advising department. The course must be offered in the evening or online and not conflict with contracted hours for student teaching.

Essential Functions of Student Teaching or Administrator Internship

As a credentialing institution of the State of Arizona, our mission is to prepare teachers for service in PreK-12 school settings. Teachers College students are required to complete multiple clinical experiences (internships and student teaching) in which they must be able to perform the essential functions of teaching. The essential functions required by Teachers College are in the areas of physical capacity, cognitive flexibility and communication. The ability to perform these essential functions is a requirement for successful completion of the teacher preparation program.

Teaching is a demanding profession that requires a great deal of physical, mental and emotional stamina and in which the safety and well-being of children and youth is paramount. Interns and student teachers spend the majority of their days standing while interacting with PreK-12 students in the classroom and other areas of the school grounds. Walking students from one classroom to another and maneuvering through tight spaces between desks or other classroom furniture is commonplace. In early childhood and elementary settings, walking and moving quickly along uneven surfaces on the playground is necessary. Working with PreK-12 students also entails kneeling or squatting, stooping and bending

from the waist at 50- to 70-degree angles frequently throughout the day. Reaching at, below or above shoulder height to write on chalkboards or white boards and using technology and audio visual equipment requires significant manual dexterity. Occasionally, interns and student teachers will be required to lift or move items weighing up to 30 pounds. These physical requirements allow the effective teacher candidate to engage students in activities and materials that challenge and sustain the attention of students while carrying out instructional plans.

The cognitive demands of internships and student teaching require that teacher candidates master relevant content in all subjects taught in the assigned classroom, use personal modeling to demonstrate performance expectations with precise and correct command of the English language, provide oral and written feedback that is academically focused, frequent and of high quality, and use content-specific instructional strategies that enhance students' knowledge of content. Student teachers must also be able to provide differentiated instruction to ensure that all children have the opportunity to master what is being taught. In addition, student teachers must maintain emotional control under stress and establish rules for learning and behavior both inside the classroom and on all other areas of the school grounds by monitoring for student safety and behavior. Student teachers are evaluated using the TAP rubric across these essential functions of student teaching. The TAP rubric can be accessed in the Clinical Experiences Handbook provided at orientation.

The physical, cognitive and communicative demands described here are representative of those that must be met by interns and student teachers, to successfully perform the essential functions of their assigned clinical experiences. Reasonable accommodations may be made to enable qualified individuals with disabilities to perform these essential functions.

Definitions

Institutional Recommendation (IR): All Teachers College certification programs are approved by the State of Arizona Department of Education to issue institutional recommendations to students who have fulfilled the state's requirements for certification. The IR allows for expedited issuance of the teaching or administrative certificate.

Student Support

Pregnancy Leave Policy

In accordance with Title IX, students requiring leave are entitled to leave for as long as it is deemed medically necessary by their physician. For absences fewer than two weeks for session C courses or one week of leave for session A/B or summer courses, students should be able to make up the missed work without affecting field placement. Longer leaves are accommodated; however, students are still required to complete all assignments and other requirements that accumulate during their leave prior to the last day of classes. Students who are unable to make up requirements prior to the end of the semester receive a grade of Incomplete or have the option of applying for a medical withdrawal without loss of any tuition paid that semester. During the leave, absences will be excused and will not negatively impact final grades. Students who need to request leave should submit their medical documentation to the senior director of student services in the Mary Lou Fulton Teachers College.

Accommodations

Mary Lou Fulton Teachers College is committed to student success and ensures an inclusive learning environment for all students. Students with disabilities or disabling health conditions who need accommodations are required to document their condition with the Disability Resource Center. The Mary Lou Fulton Teachers College encourages admitted students with disabilities or disabling health conditions who believe they may need an accommodation to register with the DRC prior to enrolling in the program. That way, all reasonable accommodations can be in place at the beginning of the program. Students who are registered with DRC will be key participants in establishing reasonable and appropriate accommodations with course instructors.

Additional Requirements for Teacher Certification Candidates

Milestones

As outlined on major maps, students are required to meet milestones for successful progression into an initial teacher certification pathway. These milestones include obtaining a DPS fingerprint clearance card, submitting an intent to progress form with an academic advisor, and attending an orientation. Details can be found at <https://education.asu.edu/mymlftc/student-forms-policies> [8].

Fingerprint Clearance Card

Per Arizona state statute A.R.S. § 15-106, all teachers and persons who are required to be fingerprinted to work in the classroom are required to have an identity-verified fingerprint clearance card. All students enrolling in programs leading to certification must participate in professional experiences and student or apprentice teaching. Students participating in clinical experience must have proof of a fingerprint clearance card on file in the Office of Clinical Experiences before clinical placement hours begin.

Intent to Progress

All students who start at ASU as first-time first-year students must submit their intent to progress forms to the Office of Student Services during term three, before beginning the professional pathway program in term five. The intent to progress form is located at <https://education.asu.edu/mymlftc/student-forms-policies> [8].

Graduate Policies

The college offers master's degree and doctoral programs as well as graduate certificates. Some programs also allow students to obtain state or professional certification.

After admission to a degree program, specific advice related to degree requirements and activities is provided by academic advisors in the Office of Student Services. Once admitted, all graduate students are required to submit a plan of study. The plan of study functions as a contract between the student, the academic unit and the Graduate College. The interactive plan of study contains certain degree requirements such as coursework, a committee and a culminating experience. Students are to call 602-543-6358 and ask for the academic advisor for a specific campus or program.

Academic Policies

ACADEMIC STANDING

Satisfactory Academic Progress and Professional Conduct Policy

In order to remain in good standing in the Mary Lou Fulton Teachers College, students must maintain satisfactory academic progress consisting of both academic performance and adherence to the Teachers College Professional Responsibilities Standards. This document sets forth the standards and expectations for satisfactory academic progress and good standing and explains the consequences of failure to meet these standards.

In addition to the policies stated herein, students are expected to abide by applicable university and Arizona Board of Regents policies, including the ASU Student Code of Conduct (<https://eoss.asu.edu/dos/srr/codeofconduct> [3]), the ASU Student Academic Integrity Policy (<https://provost.asu.edu/academic-integrity> [2]), Graduate Policies and Procedures as well as all policies, procedures, rules, regulations and requirements established by the local education agency, school district or school in which they are engaged in clinical experience or student teaching (for certification students). Failure to do so may lead to consequences that include dismissal from the program and expulsion from the university. Graduate students should also refer to the Graduate College website (<https://graduate.asu.edu> [10]) for further information about the Graduate College policies.

Section I: Academic Performance Requirements

A. Satisfactory Academic Progress

Advisors conduct ongoing reviews of students' academic and professional performances in order to determine retention and continuation status. Students with records containing indicators of professional or academic concerns may be placed on academic probation or academic suspension or may be dismissed (permanently removed) from their programs or the college (graduate students should refer to the Graduate College policies).

To meet satisfactory academic requirements, all graduate students must:

- Maintain at minimum a GPA of 3.00 every semester on the following:
 - Interactive Plan of Study GPA: The iPOS GPA is calculated on all courses that appear on the student's approved iPOS.
 - Overall Graduate GPA: The overall graduate GPA is calculated on all courses numbered 500 or greater that appear on the transcript, except courses that counted toward an undergraduate degree at ASU (unless shared with a master's degree in an approved bachelor's degree or master's degree program) and courses identified as deficiencies in the original letter of admission.
 - Cumulative GPA: The cumulative GPA represents all courses completed at ASU.
- Achieve a "C" grade or better in all courses listed on the plan of study, including secondary education content area courses. Earning a grade of "W" or "I" in more than one course may be considered a lack of academic progress. Doctoral students carrying more than three credits of "I" grades will be considered to not be making satisfactory academic progress.
- Pass all required clinical experiences, including internships, apprentice teaching and student teaching, with a grade of "C" or "Y" or better.
- Maintain good standing as outlined in the professional responsibilities standards section. Students who violate professional responsibilities may be placed on academic probation or suspension or may be recommended for dismissal.

Definitions

Academic Probation: This is the status assigned to a student who has failed to maintain satisfactory academic progress, also referred to as not in good academic standing. A student placed on academic probation is informed of the areas in which program standards are not being met and the actions the student must take to be removed from academic probation and restored to good standing. A student failing to meet the conditions for reinstatement to good standing may be recommended to the Graduate College for dismissal from the program.

A student placed on academic probation is permitted to progress into the next term while addressing the deficiency, unless the next term includes student teaching, an applied project, or a culminating experience. A student who is on academic probation in which the next term requires student teaching need to meet with his or her advisor to discuss options for the semester.

Deficiency: This term describes a required course or another program criterion, such as coursework or GPA, which has not been met or was not successfully completed.

Dismissal: Administrative removal from the clinical experience, from student teaching, from the degree program or from the college is referred to as dismissal.

Professional Improvement Plan: A professional improvement plan is a tool designed to support students who may be at risk of not progressing in their academic plan. The PIP outlines specific action steps a student must complete in order to maintain or return to good standing within their major or academic plan. There are three reasons for making a PIP referral:

- poor academic standing (i.e., ongoing academic deficiencies across coursework)
- issues regarding professionalism (classes or clinical experience)
- academic integrity violation (plagiarism, cheating, etc.)

Any ASU representative or district partner may submit a Notice of Concern (NOC) to refer a student to college administration for placement on a PIP. Students who are referred will meet with the division representative and director of student services to develop a plan for success in the program.

A student is prevented from further enrollment in any initial teacher or administrator program for any of the following reasons:

- expulsion from Arizona State University

- failure to meet the professional responsibilities outlined in the Mary Lou Fulton Teachers College Professional Responsibilities Standards and the ASU Student Code of Conduct
- failure to resolve academic deficiencies
- noncompliance with a professional improvement plan
- failure to meet ASU Graduate College policies

B. Unsatisfactory Academic Progress Consequences:

GPA and Grade Deficiencies

Academic probation may be imposed if a student has one of the deficiencies listed below. A student placed on probation will be permitted to progress into the next term (unless the next term includes student teaching, an applied project or culminating experience) while addressing the deficiency. A student who is placed on probation in which the next term requires student teaching needs to meet with their advisor to discuss options for the semester. A graduate student with a single semester GPA at or less than 2.00 may be recommended for dismissal without the benefit of a semester of probation.

Students should carefully review the Graduate College policies (found at <https://graduate.asu.edu/current-students/policies-forms-and-deadlines/policy-manuals> [11]) as the Graduate College policies are required of all graduate students at ASU. Students should pay special attention to the policies regarding GPA, the time limit for degree completion, and continuous enrollment.

Deficiencies for graduate students:

1. interactive Plan of Study (iPOS) GPA less than 3.00
2. overall graduate GPA less than 3.00
3. cumulative GPA less than 3.00
4. a grade below a "C" in any required course*
5. a grade of "I" or "W" in a required course, or carrying more than three credits of "I" for students in doctoral programs

*Students must repeat a course with a grade below a "C" the following semester it is offered and earn a "C" grade or better. Failure to achieve a "C" or better on the second attempt may result in a recommendation for dismissal from the program.

Students will not be approved for student teaching if they are on academic probation or suspension. Once a student returns to good standing, the student can be approved to student teach.

Graduate students who are placed on academic probation may not be permitted to complete culminating experiences, such as an applied project, until they return to good standing. Doctoral students must be in good academic standing to complete comprehensive exams or to schedule oral defenses.

Accelerated Programs (4+1 Programs)

Students in 4+1 accelerated programs are considered undergraduate students until all undergraduate requirements have been met. Undergraduate students enrolled in the accelerated program are eligible to enroll in graduate level courses and seminars. However, they will not be eligible for most graduate prerequisites including teaching and research assistantships and related health insurance, financial aid, or graduate award programs until the undergraduate degree is completed.

Students are reviewed on an ongoing basis to ensure academic progress in both bachelor's and master's degree program requirements.

- Undergraduate students in an accelerated bachelor's/master's degree program prior to the awarding of their undergraduate degree must complete all of their bachelor's degree requirements and graduate with their

undergraduate degree within 12 months of the first day of the semester for which they were admitted to the accelerated program.

- Undergraduate students must maintain a cumulative GPA of 3.00 from the time they have applied to the program (at 75 credit hours completed in the undergraduate degree) to the time the student begins taking graduate courses (at 90 credits completed in the undergraduate degree). A student must continue to maintain a GPA of 3.00 in all coursework. **If an undergraduate student's cumulative GPA becomes less than a 3.00 between the time they are admitted to the accelerated program and the time they begin their coursework, their admission to the accelerated program may be revoked.**
- If the student's cumulative, graduate and iPOS GPAs drop below the 3.00 GPA requirement once they have started the master's portion of the accelerated program, the student will fall under the academic standing policy for graduate students. **The student will still be allowed to complete their undergraduate degree but will no longer be able to complete the graduate degree as part of the accelerated program.**

Deficiencies for students in accelerated programs:

1. interactive plan of study (iPOS) GPA less than 3.00
2. overall graduate GPA less than 3.00
3. cumulative GPA less than 3.00
4. earning a grade below a "C" in any required course*
5. earning a grade of "I" or "W" in a required course
6. failure to complete the undergraduate degree within 12 months of the first day of the semester for which the student was admitted to the accelerated program

*Students must repeat a course with a grade below a "C" the following semester it is offered and earn a "C" grade or better. Failure to achieve a "C" or better on the second attempt may result in a recommendation for dismissal from the program.

Professional Experience Deficiencies

The following policies apply to students enrolled in initial teacher certification or administrator certification programs.

1. A student who fails a professional experience or internship course may be allowed to retake the professional experience or internship one time if the reasons for failure are judged to be remediable. If a student is permitted to retake the professional experience or internship and fails to pass the second time, the student will be recommended to the Graduate College for dismissal from the program.
2. In some cases, professional experience or internship issues may be nonremediable. These may include actions that cause the sponsoring school district or other organization to suspend or dismiss an intern or teacher or administrator candidate or to demand that the student teacher or intern be removed from the clinical placement or internship due to violations of the professional responsibilities standards, a professional code of conduct, district policy, or state or federal law, or engages in other inappropriate behavior. The division will determine, based on information from the supervisor, the mentor teacher, the school district, other sponsoring organization, and the student, whether the student actions warrant immediate dismissal from the program without the benefit of a period of academic probation or another attempt to pass the clinical experience or internship.
3. An InMAC student whose clinical placement is terminated by the school district due to reasons unrelated to performance, such as reductions in force, will not be recommended for academic probation or involuntary withdrawal on that basis alone. However, if the student does not secure another full-time teaching position, he or she must complete the degree and certification requirements by transferring to a MAC track and successfully completing the requirements of that program. This means the student may not continue to take classes with an InMAC cohort.

C. Reinstatement to Good Academic Standing

To be restored to good academic standing:

1. A student must maintain or improve grades to meet the academic performance requirements.
2. An initial teacher, administrator candidate or graduate student in a non-certification program must meet the expectations of any professional improvement plan related to satisfactory academic progress or professionalism while in the program.

SPECIAL NOTE: A student on probation for lack of satisfactory progress in one area (e.g., academic progress or professional responsibilities) who subsequently fails to maintain good standing in the other area is recommended for dismissal. Return to good standing requires satisfactory progress in both areas during the time on probation. Sequential semesters of probation for repeated failures to maintain satisfactory progress are not considered.

Section II: Professional Responsibilities (Conduct)

A. Satisfactory Progress

Professional work is marked by a particular responsibility to the clients served. Educators are trusted with significant power and authority over students and must demonstrate that they adhere to the standards of the profession. Therefore, in addition to academic progress requirements, students are evaluated with regard to Professional Responsibilities Standards as described in this document.

The Mary Lou Fulton Teachers College Professional Responsibilities Standards show the required expectations for all students.

- All initial teacher or administrator students are expected to meet the professionalism standards in Sections A, B, C, and D at the applying level, as a minimum, throughout their course of study.
- Students in non-certification programs are expected to exhibit professional conduct by meeting all standards in Sections A and B at the emerging level, as a minimum, throughout their course of study. Showing professionalism and growing and developing professionally are expected in all clinical experiences; in PreK-12 school-related settings; and in university settings, including in interactions with university faculty and staff.

B. Unsatisfactory Progress -- Professional Responsibilities

Students will be informed of an allegation of a violation of or lack of compliance with the Professional Responsibilities Standards and will have an opportunity to respond. As a general rule, the college seeks to assist students to become professionals by working with the students to develop and improve professional conduct. Students accused of violating or not complying with the Professional Responsibilities Standards will attend a meeting with the division director or designee and the director of student services or those otherwise appointed to discuss allegations, and they will be informed of their status in the program after the meeting. Possible sanctions include academic probation, suspension, disqualification or dismissal from the initial teacher, administrator or graduate program.

All other university policies regarding student conduct are in addition to these requirements, and infractions of the ASU Student Code of Conduct may result in additional investigations and consequences through university procedures.

Notices of Concern

Students who receive a Notice of Concern (NOC) due to unsatisfactory academic or professional conduct may require a meeting with the director of student services, the division director, or a designee. Failure to comply with requests related to NOCs may result in probation due to unsatisfactory progress.

C. Dismissal from Professional Experiences (Internship or Student Teaching)

The following policies apply to students enrolled in initial teacher certification or administrator certification programs.

In the event a school district requests that a student be dismissed from an internship or student teaching placement for unprofessional or inappropriate behavior, the intern or teacher candidate will be required to attend a meeting with the division director or designee, the senior director of student services, and other college representatives as determined by the division director to discuss the reasons for request for dismissal from the internship or student teaching placement. If it is determined that the allegations of a violation of unprofessional behavior resulting in the request for dismissal from the school or district are warranted, one or all of the following actions may result. The intern or teacher candidate:

- will be dismissed from the internship or student teaching placement
- will receive a failing grade ("E") for the internship or student teaching course
- will not be assigned another internship or student teaching placement during the same semester in which the teacher candidate was assigned a failing grade
- may not withdraw from the internship or clinical experience course or the student teaching course*
- must withdraw from all courses that require concurrent enrollment with the internship or student teaching, including any applied project course taken concurrently with student teaching

*If a withdrawal is processed by the Office of the Registrar, the grade will be administratively changed to an ("E").

If an intern or teacher candidate wishes to appeal the "E" grade, the candidate can follow the grade appeal process as outlined on the Teachers College website. The first step in the grade appeal process is to meet with the course instructor. Students have 10 business days to appeal a grade.

If a teacher candidate wishes to repeat the internship or student teaching and concurrent course work during the semester following the dismissal, the teacher candidate must show evidence of how they plan to resolve the situation or circumstances which resulted in the removal from the internship or student teaching. The teacher or administrator candidate will be required to meet with the division director or designee and the senior director of student services to develop a professional improvement plan outlining expectations for continued professional growth and academic development.

In the event that the teacher or administrator candidate violates the rules, policies or procedures for conduct established by the school, district, local education agency, ASU, Teachers College, or the law while on a PIP for unprofessional behavior, the teacher or administrator candidate will be dismissed from the initial teacher or administrator program. Teacher or administrator candidates who are dismissed may not petition to continue in their current academic plan but may be eligible to pursue other non-certification degree options within Teachers College (i.e., master's degree without certification) or within other colleges at ASU.

Students enrolled in the Master of Education and Arizona certification program who are dismissed from a clinical experience or fail a clinical experience and would like to complete the program without obtaining teacher certification (master's degree only) must submit a petition to the assistant division director and senior director of student services for review. Petitions are reviewed on a case-by-case basis and not all students are approved to enroll or continue to be enrolled in MAC course work. Students approved to remain in the MAC noncertification option are required to adhere to the same professionalism standards as students enrolled in certification programs. Failure to adhere to these standards results in dismissal from the Teachers College.

Special Situations for MAC and InMAC Students

Intern Certificate (InMAC only)

Students in the InMAC program are in multiple interdependent roles:

- employees of a school or school district
- holders of a teaching intern certificate from the Arizona Department of Education
- graduate students at Arizona State University

The teaching position requires that the student holds the intern certificate. The intern certificate requires that the college certifies to the State of Arizona Department of Education that the student is enrolled in a teacher preparation program and is in good academic standing. At the completion of the first year, the intern certificate renewal requires a letter from the college certifying that the student has met the requirements set forth by the ADE. InMAC students who are on academic probation at the end of the first year will be evaluated on a case-by-case basis to determine if a renewal or extension letter can be issued. At the completion of the second year, only students in good academic standing are eligible for an institutional recommendation (IR) to obtain a provisional teaching certificate.

An InMAC student who is ineligible to renew his or her intern certificate is no longer eligible to continue in the alternative pathway to teacher certification program. The student may be allowed to complete the degree and certification requirements by enrolling in the MAC track of the program. More information is available from the Office of Student Services.

Note: Due to the intensity of program coursework and apprentice teaching, students participating in InMAC are not permitted to enroll in courses outside of the prescribed plan of study. Students who are enrolled in courses outside of the InMAC program are not able to participate in InMAC and are administratively withdrawn from program courses.

Completion of Student Teaching and Applied Project (MAC and InMAC)

As a part of a MAC or InMAC student's degree requirements, all students must complete an applied project course (Secondary: SED 593, Special Education: SPE 593, Elementary Education: EED 593). The purpose of the applied project is to act as a culmination of student work throughout the program and to enhance the student teaching experience. As a part of this course, students begin by formulating a topic that they will be researching with a group of students throughout the entire semester, typically those in their student teaching placement (second internship for SPE MAC) and with their placement school's permission. A grade of a "B" or better is required to pass the course and graduate from the master's program.

In those cases in which a student enrolled in an applied project course must leave their placement, they will be required to also withdraw from the applied project course. This is necessary as students will no longer have preapproved access to the students needed to complete the necessary research for the project. Students dropping both courses will still need to maintain the ASU Graduate College policy of continuous enrollment, either by completing at least one credit of graduate-level coursework or with an approved medical/compassionate withdrawal for the semester.

Applied Project Retake: Students approved for a new student teaching experience retake the applied project concurrently with the new placement.

For students who successfully complete their student teaching placement, but do not pass the applied project ("B" or better) or if students must complete the program without certification, they are required to complete the next available corresponding applied project course. Students must have access to a group of children in the relevant age group (preapproved by any organization they might belong to) which they must locate themselves. Students must also contact the instructor of the applied project course before the end of the first week of class to discuss their situation, including that they will not be completing their project in an ASU placement.

APPEAL PROCESS

Academic Probation

There is no appeal from the action of being placed on probation. Probation provides warning to the student of the potential for suspension or dismissal.

Grade Appeals

Reasons for Grade Appeal

A student may appeal a grade only when the student can document that one or a combination of the following has occurred:

1. The instructor erred in calculating points or acknowledging timely submission of assignments.
2. The instructor did not apply grading standards equitably; for example, there is evidence of bias due to race, age, sex, religion or national origin).
3. The instructor did not assign grades consistently with the standards and procedures for evaluation announced at the beginning of the course in the course syllabus. The instructor may amend or supplement the standards and procedures during the course by providing written or oral notice to the entire class.

Grade Appeal Procedure

To receive consideration, grade appeals must be submitted to the course instructor within 10 business days of the last date for posting final grades, as noted in the academic calendar. The academic calendar is available at <https://students.asu.edu/academic-calendar> [4].

Step One: Informal meeting with the instructor – This step is mandatory and applies to appeal of course grades only.

1. The student must contact the instructor of the course and submit the attached grade appeal. The student must provide to the instructor any additional relevant documentation to support the appeal and reasons for disputing the grade. The narrative accompanying the grade appeal form may not exceed five double-spaced pages.
2. The student must meet with the instructor either face to face or, in the case of online classes only, virtually. If this meeting does not resolve the grievance, the student may move to step two and submit the grade appeal form to the appropriate contact in the Office of Student Services.

If the required meeting with the instructor has not taken place, the appeal will be accepted only if the student supplies evidence that the student contacted the instructor and either received no reply within five business days or was unable to schedule a meeting within 10 business days of the date of contact.

Step Two: Submit grievance to Office of Student Services – If the grievance is not resolved in step one, the student may forward the grade appeal to the executive director of academic services.

Step Three: Division Director Reviews Grade Appeal – The director of student services will review the grade appeal and may request additional information if needed. The grade appeal will be forwarded to the division director for review.

- Graduate certification program appeals will be sent to the division director of Teacher Preparation.
- Non-teacher certification graduate appeals will be sent to the division director of Educational Leadership and Innovation.

The division director will review all information and will notify the student of the outcome.

Step Four: Appeal Decision to the Dean

- Per university policy, the student may appeal the division director's decision to the dean, whose decision is final. The students must appeal within five business days of receiving the letter from the division director. The letter will contain information regarding how the appeal should be submitted.
- Only the issue appealed to the division director may be appealed; no new issues or complaints may be added.
- The dean or designee has full discretion as to whether to refer the appeal to the Student Issues Committee (also known as the college Academic Grievance Committee). Students should see <https://catalog.asu.edu/appeal> [5] for university policies on grade appeals.
- The student will be notified by mail of the outcome. The decision of the Student Issues Committee (dean's designee) is final.

It is university policy that students filing grievances and those who are witnesses be protected from retaliation. Students who believe they are victims of retaliation should immediately contact the dean of the college in which the course is offered.

For more information on university grading policies, students should see <https://catalog.asu.edu/appeal> [5]. During the time of the appeal, a student may register for courses; however, if the appeal is denied and the student is withdrawn, university policies on tuition refunds will be applied. Any concerns about tuition charges should be addressed to the registrar's office.

Appealing a Recommendation for Dismissal from Program

The ASU Graduate College admits students to graduate study at Arizona State University. Students who fail to make satisfactory academic progress may be involuntarily withdrawn (dismissed) from their academic programs by the ASU

Graduate College upon the recommendation of the college. The student has the right to appeal a recommendation for dismissal.

Steps in appeal process:

1. The student will receive notice that a recommendation for dismissal from the program is being made to the ASU Graduate College.
2. Within 10 business days of receiving the notice, the student may appeal in writing to the Mary Lou Fulton Teachers College Student Issues Committee (dean's designee). Petition for review forms are available in the Mary Lou Fulton Teachers College Office of Student Services on each campus and online at <https://education.asu.edu/mymlftc/student-forms-policies> [8]. Failure to file the form within 10 business days of the date of notification will result in an automatic denial of the appeal.

Other Graduate Policies

Continuous Enrollment and Re-entry for Graduate Programs

Once admitted to a graduate program, the student must be enrolled continuously, excluding summer sessions, until all requirements for the degree have been fulfilled. If a plan of study must be interrupted for one semester, the student may apply to the Graduate College for a leave of absence not to exceed one semester. An application for leave status, endorsed by the division director or designee, must be approved by the Graduate College; for a doctoral student, the leave must also be endorsed by the members of the student's supervisory committee. This request must be filed and approved prior to the semester of anticipated absence. A student on leave is not required to pay fees and is not permitted to place any demands on university faculty or use any university facilities. Students may be continuously enrolled by registering for one credit hour of continuing registration; students should contact an academic advisor for more details. A student who interrupts a program without obtaining an approved leave of absence may be removed from the degree program by the Graduate College.

Concurrent Degrees

The primary degree is the one that shows at the top of a student's transcript. A concurrent degree is an additional degree a student pursues.

For concurrent master's degrees, concurrent master's and doctoral degrees and concurrent doctoral degrees, students must follow the Graduate College policies at <https://graduate.asu.edu/policies-procedures> [12].

Graduation Requirement

A candidate for a graduate degree must satisfactorily complete the culminating experience requirements required by the program. Information is available for each program from the Office of Student Services.

Master's Programs

In addition to the Graduate College policy and procedures that govern graduate programs at ASU and which are provided elsewhere in this catalog, the policies specific to each master's degree program are provided to students at the time of enrollment in the program. Students are limited to 15 credit hours per semester. Online students are limited to nine credit hours per semester. Exceptions must be approved by the division director. Students who enroll in additional hours may be administratively withdrawn.

Each student in the induction, Master of Education and Arizona certification program must hold an Arizona intern teaching certificate and be employed. If either the employment or certificate status changes, the student will need to apply to be placed in the Master of Education and Arizona certification program. A MAC student who becomes employed on an intern certificate is evaluated by the division director or designee and placed in the appropriate classes to complete the degree. In either case, extra time may be required to complete the degree program.

Doctoral Programs

In addition to the Graduate College policies and procedures that govern doctoral programs at ASU and which are provided elsewhere in this catalog, the satisfactory academic progress and professional conduct policies apply. Additional information specific to a degree program may be provided when students first register for the program.

PhD and EdD Satisfactory Academic Progress and Professional Conduct Policy

Students in doctoral programs may be placed on academic probation for reasons stated in the Satisfactory Academic Progress and Professional Conduct Policy. These include but are not limited to:

- failure to meet the academic requirements of the Graduate College, to have a GPA of 3.00 (on a 4.00 scale) or to meet the academic requirements of the particular program as stated in the program handbook
- unsatisfactory progress as noted on annual review form by mentor or failure to meet for annual review
- failure to meet the standards of professional conduct or violations of the student conduct code which may result in academic probation, or, for egregious violations, immediate recommendation to the Graduate College for dismissal

In addition to minimum academic requirements and conduct requirements, a student must maintain progress to degree completion. A student can be recommended to the Graduate College for dismissal for failure to meet the Graduate College policies at <https://graduate.asu.edu> [10].

Students must fulfill all requirements of their individual graduate programs to remain in good academic standing and abide by all university policies.

Student Support Process

The Notice of Concern is a referral process designed to support all graduate students who may be at risk of not progressing in the academic plan for their major and who may need additional support from the college.

The following outlines the steps taken in the referral process.

1. The instructor, site coordinator or other university representative discusses concerns with the student and informs the student that a Notice of Concern will be submitted to college leadership. Depending on the nature of the referral, the student may be required to attend a meeting with college leadership to offer additional support.
2. If the referral is made for a violation of the academic or professional code of conduct or unprofessionalism, the student will be required to attend a mandatory meeting to discuss the alleged violations. This meeting provides the student with an opportunity to share their side of the situation. At the meeting, a professional improvement plan agreement is developed with input from the student and college administration. Students on a PIP are placed in probationary status in the college until requirements of the PIP are met. Some violations of professionalism or academic integrity may result in immediate dismissal from the program or placement.
3. If the referral is not for a violation of academic or professional conduct, a student support consultation meeting is conducted. This meeting provides students with resources and additional university-wide support. At the meeting, student needs are identified and a plan for success is created along with follow-up recommendations.
4. Students are required to attend a follow-up meeting to discuss their status in meeting requirements outlined in their plan. Failure to attend a required meeting or to fulfill expectations outlined in the PIP agreement may result in dismissal from the program.

Additional Requirements

Per Arizona state statute A.R.S. § 15-106, all teachers and persons who are required to be fingerprinted to work in the classroom are required to have an identity-verified fingerprint clearance card. All students enrolling in programs leading to certification must participate in clinical experiences and student or apprentice teaching. Students participating in clinical experiences must have proof of a fingerprint clearance card on file in the Office of Clinical Experiences before field placement hours begin.

Definition of Terms

Academic probation: The status assigned to a student who has failed to maintain satisfactory academic progress, also referred to as “not in good academic standing.” A student placed on academic probation is informed of the areas in which program standards are not being met and the actions the student must take to be removed from academic probation and restored to good standing. A student failing to meet the conditions for reinstatement to good standing may be recommended for dismissal from the program.

A student placed on academic probation will be permitted to progress into the next term while addressing the deficiency, unless the next term includes student teaching. Students who are placed on academic probation in which the next term requires student teaching will need to meet with their advisor to discuss options for the semester.

Academic suspension: An undergraduate student placed on academic suspension may not progress into the next term until all deficiencies have been resolved. Students are required to complete their deficiencies within one calendar year. Failure to do so will result in dismissal from the program.

ASU Graduate College: The Graduate College is the academic organization within ASU that oversees all graduate study in every college, with the authority to admit and involuntarily withdraw (dismiss) graduate students. (The college recommends the actions, but it is the dean of the Graduate College who holds the ultimate authority.)

Clinical experience: A clinical experience is any practicum, internship, apprentice teaching, student teaching or other field-based course taking place off campus in a professional setting such as a school district, charter school, government agency or other educational organization.

Cumulative GPA: This is the grade point average of all courses completed at ASU.

Deficiency: A required course or another program criterion, such as coursework and GPA criteria, which has not been met or was not successfully completed is referred to as a deficiency.

Dismissal: Administrative removal from a professional experience, student teaching and/or professional pathway program or college is referred to as a dismissal.

A student is prevented from further enrollment in any initial teacher or administrator program for any of the following reasons:

- expulsion from Arizona State University
- failure to meet the professional responsibilities outlined in the Mary Lou Fulton Teachers College Professional Responsibilities Standards and the ASU Student Code of Conduct
- failure to resolve academic deficiencies
- noncompliance with a Professional Improvement Plan (PIP)
- failure to meet ASU Graduate College Policies (for graduate students)

GPA: This is the acronym of grade point average.

Overall graduate GPA: This term refers to the grade point average calculated on all graduate courses, whether or not they are on the approved program of study (iPOS).

InMAC: This is the acronym of Induction Masters and Arizona Certification program, the college alternative pathway to teacher certification.

Institutional Recommendation: An institutional recommendation allows for expedited issuance of the teaching or administrative certificate. All Teachers College certification programs are approved by the Arizona Department of Education to issue Institutional Recommendations to students who have fulfilled the state’s requirements for certification.

iPOS: The graduate plan of study, entered and approved electronically and consisting of the courses required for the student to earn the degree is referred to as iPOS.

iPOS GPA: This is the grade point average calculated using the courses on the Plan of Study (iPOS).

MAC: This is the acronym of the Masters and Arizona Certification graduate program.

Professional Improvement Plan: This is a tool designed to support students who may be at risk of not progressing in their major or academic plan. The PIP outlines specific action steps a student must complete in order to maintain or return to good standing within their major or academic plan. There are three reasons for making a PIP referral:

- poor academic standing (i.e. ongoing academic deficiencies across coursework)
- issues regarding professionalism (classes or clinical experience)
- academic integrity violation (plagiarism, cheating, etc.)

Any ASU representative or district partner may refer a student for a PIP. Students who are referred for a PIP meet with the assistant division director and director of student services to develop a plan for success in the program.

Student Code of Conduct: This is the ASU code of conduct found online at <https://eoss.asu.edu/dos/srr/codeofconduct> [3].

The college: In this document, the term refers to the Mary Lou Fulton Teachers College.

Source URL: <https://catalog.asu.edu/policies/mlftc>

Links:

[1] <https://education.asu.edu/>

[2] <https://provost.asu.edu/academic-integrity>

[3] <https://eoss.asu.edu/dos/srr/codeofconduct>

[4] <https://students.asu.edu/academic-calendar>

[5] <https://catalog.asu.edu/appeal>

[6] <https://education.asu.edu/student-life/student-services-undergraduate>

[7] <https://sites.google.com/a/asu.edu/tc-graduate-student-resources/introduction/student-success-staff>

[8] <https://education.asu.edu/mymlftc/student-forms-policies>

[9] <https://students.asu.edu/drop-add>

[10] <https://graduate.asu.edu/>

[11] <https://graduate.asu.edu/current-students/policies-forms-and-deadlines/policy-manuals>

[12] <https://graduate.asu.edu/policies-procedures>

Academic Programs List

The following section contains a listing of all program descriptions and requirements that are provided for graduate degrees and certificates, minors, undergraduate certificates and undergraduate degrees. Undergraduate degrees have a corresponding major map that includes the critical requirements, order of courses and grade requirements for that degree. Each undergraduate degree's requirements are outline on the degree's corresponding major map. The major maps and MAPP agreements are provided in the final sections of this document.

Graduate Programs

Graduate Degrees and Certificates (Program Descriptions and Requirements)

Business, W. P. Carey School of

Accountancy, MAcc (BAACCMACC)
Business Administration (Accountancy), PHD (BAACCTPHD)
Business Administration (Agribusiness), PHD (BAAGRIPHD)
Business Administration (Business Analytics), MBA (BABUSANMBA)
Business Administration (Computer and Information Systems), PHD (BAINFSYPHD)
Business Administration (Finance), PHD (BAFINANPHD)
Business Administration (Information Systems Management), MBA (BAISMMBA)
Business Administration (Management), PHD (BAMGMTPHD)
Business Administration (Marketing), PHD (BAMARKPHD)
Business Administration (Supply Chain Management), PHD (BASCMPHD)
Business Analytics, MS (BABUSANMS)
Economics, PHD (BAECONPHD)
Finance, MS (BAFINMS)
Global Financial Management, DBA (BAGFMDBA)
Global Logistics, MS (BAGLSMS)
Information Systems Management, MS (BAINFOMS)
Innovation and Venture Development, MS (HIIVDMS)
Management, MS (BACMRMS)
Management, MS (BAMCCMS)
Real Estate Development, MREDev (ARREMREDEV)
Supply Chain Management, MS (BASCMMMS)
Supply Chain Management (certificate), Certificate (BASCMCER)
Supply Chain Management and Engineering, MS (BASCMEMS)
Taxation, MTax (BATAMTAX)
W. P. Carey MBA, MBA (BACORPMBA)
W. P. Carey MBA, MBA (BAEVEAMBA)
W. P. Carey MBA, MBA (BAEVENMBA)
W. P. Carey MBA, MBA (BAEXECMBA)
W. P. Carey MBA, MBA (BAFULLMBA)
W. P. Carey MBA, MBA (BAONLINMBA)
W. P. Carey MBA, MBA (BASHANGMBA)

Design & the Arts, Herberger Institute for

Architecture, MArch (ARARCMARCH)
Architecture (Energy Performance and Climate Responsive Architecture), MS (AREENERGYMS)
Art, MFA (HIARTMFA)
Art (Art Education), MA (FAARTEDMA)
Art (Art History), MA (FAARTHISMA)
Art (Digital Technology), MFA (FADIGITMFA)
Composition, MM (FAMCOMPMM)
Composition (Interdisciplinary Digital Media), MM (FADIGITMM)
Creative Enterprise and Cultural Leadership, MA (HICECLMA)
Dance, MFA (FADANCEMFA)
Dance (Interdisciplinary Digital Media and Performance), MFA (FADANDIMFA)
Dance Teaching Artist Praxis (Certificate), Certificate (HIDTAPGRCT)
Design (Design of Healthcare and Healing Environments), MSD (ARHHEMMSD)
Design (Industrial Design), MSD (ARINDDEMMSD)
Design (Interior Design), MSD (ARINTDEMMSD)

Design (Visual Communication Design), MSD (ARVCDMSD)
 Design, Environment and the Arts, PHD (HIDEAPHD)
 Design, Environment and the Arts (Design), PHD (HIDEADSPHD)
 Design, Environment and the Arts (Digital Culture in Design), PHD (HIENVDGPHD)
 Design, Environment and the Arts (Healthcare and Healing Environments), PHD (ARENHHEPHD)
 Design, Environment and the Arts (History, Theory, and Criticism), PHD (HIDEAHTPHD)
 Digital Culture, MA (HIDGCMA)
 Industrial Design, MID (HIINDMID)
 Innovation and Venture Development, MS (HIIVDMS)
 Interior Architecture, MIA (HIIAMIA)
 Landscape Architecture, MLA (ARLDEMLA)
 Media Arts and Sciences, PHD (FAMASPHD)
 Music (Conducting), DMA (FACONDDMA)
 Music (Ethnomusicology), MA (FAETHNMA)
 Music (Interdisciplinary Digital Media), DMA (FAINTDDMA)
 Music (Music Composition), DMA (FACOMPDMA)
 Music (Music Education), PHD (FAMUSEDPHD)
 Music (Musicology), MA (FAMHISTMA)
 Music (Musicology), PHD (HIMUSMPHD)
 Music (Performance), DMA (FAPERFDMA)
 Music Education, MM (FAMUSEDMM)
 Music Entrepreneurship (Certificate), Certificate (HIMERTGRCT)
 Music Theory Pedagogy (Certificate), Certificate (HIMTPGRCT)
 Music Therapy, MM (FAMTHERMM)
 Performance (Collaborative Piano), MM (FACPIANOMM)
 Performance (Conducting), MM (HIPERCOMM)
 Performance (Music Theatre/Opera Performance), MM (FAMUTPOMM)
 Performance (Performance Pedagogy), MM (FAPPEDMM)
 Performance (Performance), MM (FAPERF3MM)
 Socially Engaged Practice in Design and the Arts (Certificate), Certificate (HISEPGRCT)
 Theatre, MA (FATHEAMA)
 Theatre (Arts Entrepreneurship and Management), MFA (HITHEAEMFA)
 Theatre (Directing), MFA (FADIRMFA)
 Theatre (Dramatic Writing), MFA (FADRWRMFA)
 Theatre (Interdisciplinary Digital Media), MFA (FATHEADMFA)
 Theatre (Performance Design), MFA (FAPERDMFA)
 Theatre (Performance), MFA (FAPERFMFA)
 Theatre (Theatre For Youth), MFA (FAYOUTHMFA)
 Theatre (Theatre For Youth), PHD (FAYOUTHPHD)
 Theatre (Theatre/Performance Americas), PHD (FAPERAMPHD)
 Urban Design, MUD (ARMUDMUD)
 Visual Communication Design, MVCD (HIVCDMVCD)

Engineering, Ira A. Fulton Schools of
 Aerospace Engineering, MS (ESAEROSPMS)
 Aerospace Engineering, PHD (ESAERSPPHD)
 Applied Ethics and the Professions (Ethics and Emerging Technologies), MA (LAAEPEETMA)
 Biological Design, PHD (GCBDSPHD)
 Biomedical Engineering, MS (ESBIOENMS)
 Biomedical Engineering, PHD (ESBIOENPHD)
 Chemical Engineering, MS (ESCHEMEMS)

Chemical Engineering, PHD (ESCHEMEPHD)
 Civil, Environmental and Sustainable Engineering, MS (ESCIVILMS)
 Civil, Environmental and Sustainable Engineering, MSE (ESCIVILMSE)
 Civil, Environmental and Sustainable Engineering, PHD (ESCIVILPHD)
 Computer Engineering (Computer Systems), MS (ESCENCMS)
 Computer Engineering (Computer Systems), PHD (ESCENCPHD)
 Computer Engineering (Electrical Engineering), MS (ESCENEMS)
 Computer Engineering (Electrical Engineering), PHD (ESCENEPHD)
 Computer Science, MCS (ESCOMSCMCS)
 Computer Science, MS (ESCOMSCMS)
 Computer Science, PHD (ESCOMSCPHD)
 Computer Science (Arts, Media and Engineering), MS (ESAMECSMS)
 Computer Science (Arts, Media and Engineering), PHD (ESAMECSPHD)
 Computer Science (Big Data Systems), MCS (ESCSEBDMCS)
 Computer Science (Big Data Systems), MS (ESCSEBDMS)
 Computer Science (Biomedical Informatics), MS (ESCSBIOIMS)
 Computer Science (Cybersecurity), MCS (ESCSEIMCS)
 Computer Science (Cybersecurity), MS (ESCSEIAMS)
 Computer Science (Cybersecurity), PHD (ESCSEIAPHD)
 Construction Engineering, MSE (ESCONEMSE)
 Construction Management, PHD (ESCONPHD)
 Construction Management and Technology, MS (ESCONSTMS)
 Electrical Engineering, MS (ESEEMS)
 Electrical Engineering, MSE (ESEEMSE)
 Electrical Engineering, PHD (ESEEPHD)
 Electrical Engineering (Arts, Media and Engineering), MS (ESAMEMS)
 Electrical Engineering (Arts, Media and Engineering), PHD (ESAMEPHD)
 Engineering, MEng (ESENGRMENG)
 Engineering, MS (TSEGRMS)
 Engineering Education Systems and Design, PHD (ESEESDPHD)
 Engineering Science (Software Engineering), MSE (ESSFEMSE)
 Environmental and Resource Management, MS (ESERMMS)
 Environmental and Resource Management (Water Management), MS (ESERMWTMS)
 Graphic Information Technology, MS (ESGITMS)
 Human Systems Engineering, MS (ECAPSYCHMS)
 Human Systems Engineering, PHD (TSSMACSPHD)
 Industrial Engineering, MS (ESINDENMS)
 Industrial Engineering, PHD (ESINDENPHD)
 Information Technology, MS (TSIFTMS)
 Innovation and Venture Development, MS (HIIVDMS)
 Lean Six Sigma Black Belt (Certificate), Certificate (ESLSSBGRCT)
 Manufacturing Engineering, MS (TSMEGRMS)
 Materials Science and Engineering, MS (ESMATEMS)
 Materials Science and Engineering, PHD (ESENMATPHD)
 Mechanical Engineering, MS (ESMEMS)
 Mechanical Engineering, PHD (ESMEPHD)
 Modern Energy Production and Sustainable Use, MS (ESMEPSUMS)
 Molecular, Cellular, Tissue, and Biomaterials Engineering (Certificate), Certificate (ESMCTBGRCT)
 Neural Engineering (Certificate), Certificate (ESNENGRCT)
 Nuclear Power Generation (certificate), Certificate (ESNPGGRCT)

Robotics and Autonomous Systems, MS (ESRASMS)
 Robotics and Autonomous Systems (Artificial Intelligence), MS (ESRASAIMS)
 Robotics and Autonomous Systems (Electrical Engineering), MS (ESRASEEMS)
 Robotics and Autonomous Systems (Mechanical and Aerospace Engineering), MS (ESRASMAEMS)
 Robotics and Autonomous Systems (Systems Engineering), MS (ESRASSEMS)
 Semiconductor Processing (Certificate), Certificate (ESSCPRGRCT)
 Sensor Signal and Information Processing (Certificate), Certificate (ESSSIPGRCT)
 Software Engineering, MS (TSSERMS)
 Solar Energy Engineering and Commercialization, PSM (ESSEECPSM)
 Sustainable Engineering, MSE (ESSUEMSE)
 Systems Engineering, PHD (ESSYSPHD)
 Technology (Aviation Management and Human Factors), MSTech (TSHFMSTECH)
 Technology (Environmental Technology Management), MSTech (TSMGMSTECH)
 Technology (Graphic Information Technology), MSTech (TSGIMSTECH)
 Technology (Management of Technology), MSTech (TSMRMSTECH)
 User Experience, MS (ESUSEXMS)

Future of Innovation in Society, School for the

Applied Ethics and the Professions (Biomedical and Health Ethics), MA (LAAEPMEMA)
 Applied Ethics and the Professions (Science, Technology and Ethics), MA (LAAEPSEEMA)
 Global Development and Innovation (Certificate), Certificate (FIGDIGRCT)
 Global Technology and Development, MS (LSGTDMS)
 Global Technology and Development (Applied International Development), MS (FIGTDAIDMS)
 Human and Social Dimensions of Science and Technology, PHD (GCHSDSTPHD)
 Innovation in Global Development, PHD (FIIGDPHD)
 Nonfiction Writing and Publishing (Certificate), Certificate (LANWPGRCT)
 Public Interest Technology, MS (FIPITCHMS)
 Responsible Innovation in Science, Engineering and Society (certificate), Certificate (GCRSESGRCT)
 Science and Technology Policy, MSTP (LAHSDPSM)

Global Management, Thunderbird School of

Applied Leadership and Management, MALM (TBALMMALM)
 Global Affairs (Certificate), Certificate (TBGAFGRCT)
 Global Affairs and Management, MA (TBGAMMA)
 Global Affairs and Management (Executive), MA (TBGAMEMA)
 Global Development (Certificate), Certificate (TBGDVGRCT)
 Global Finance (Certificate), Certificate (TBGFINGRCT)
 Global Leadership and Strategy, MGLS (TBGLSMGLS)
 Global Leadership and Strategy, MGLS (TBGLSXMGLS)
 Global Management, MGM (TBTGMMGM)
 Global Management, MGM (TBTGMXGMGM)
 Global Management (Certificate), Certificate (TBTGMGRCT)
 Global Management (Creative Industries and Design Thinking), MGM (TBGMCIDMGM)
 Global Management (Digital Audience Strategy), MGM (TBGMDASMGM)
 Global Management (Global Affairs), MGM (TBGMGAMGM)
 Global Management (Global Business), MGM (TBGMGBMGM)
 Global Management (Global Development and Innovation), MGM (TBGMGDIMGM)
 Global Management (Global Digital Transformation), MGM (TBGMGDTMGM)
 Global Management (Global Entrepreneurship), MGM (TBGMGEMGM)
 Global Management (Global Health Care Delivery), MGM (TBGMGHDMGM)
 Global Management (Global Legal Studies), MGM (TBGMGLSMGM)
 Global Management (Integrated Health Care), MGM (TBGMIHCMGM)

Global Management (Nonprofit Leadership and Management), MGM (TBGMNLMGM)
 Global Management (Public Administration), MGM (TBGMPAMGM)
 Global Management (Public Policy), MGM (TBGMPPMGM)
 Global Management (Sustainability Solutions), MGM (TBGMSSMGM)
 Global Management (Sustainable Tourism), MGM (TBGMSTMGM)
 Global Marketing (Certificate), Certificate (TBGMKTGRCT)
 Global Trade and Commerce (Certificate), Certificate (TBGTCMGRCT)

Health Solutions, College of

Audiology, AuD (LAAUDAUDD)
 Auditory and Language Neuroscience, MS (NHALNEUMS)
 Behavioral Health, DBH (LSBEVHEDBH)
 Behavioral Health (Clinical), DBH (NHBVHCDBH)
 Behavioral Health (Management), DBH (NHBVHMDBH)
 Biomedical Diagnostics, MS (NHBMDMS)
 Biomedical Informatics, MS (ESBIOINFMS)
 Biomedical Informatics, PHD (ESBMIPHD)
 Clinical Exercise Physiology, MS (NHCEPMS)
 Communication Disorders, MS (LACOMDISMS)
 Communication Disorders in Multilingual/Multicultural Populations (certificate), Certificate (NHCDMPGRCT)
 Exercise and Nutritional Sciences, PHD (ECNUTRIPHD)
 Exercise and Wellness, MS (ECEXERMS)
 Health Informatics, MAS (GCHLHINMAS)
 Integrated Behavioral Health - Clinical (Certificate), Certificate (NHIBHCGRCT)
 Integrated Behavioral Health - Management (Certificate), Certificate (NHIBHMGRCT)
 Integrated Health Care, MIHC (NHIHCOMIHC)
 International Health Management, MIHM (NHIHMIHM)
 Medical Nutrition, MS (NHMNTRMS)
 Nutritional Science, MS (ECHNUTMS)
 Nutritional Science (Dietetics), MS (ECNTRDMS)
 Obesity Prevention and Management, MS (NHOBMSMS)
 Science of Health Care Delivery, MS (NHSKCDMS)
 Science of Health Care Delivery (Certificate), Certificate (NHHCDGRCT)
 Speech and Hearing Science, PHD (LAHEARPHD)
 Speech and Hearing Science (Auditory and Language Neuroscience), PHD (NHSKALPHD)
 Speech and Hearing Science (Translational Genetics of Communication Abilities), PHD (NHSKSTGPHD)

Integrative Sciences and Arts, College of

Applied Biological Sciences, MS (TSAPBIOSMS)
 Counseling, MC (EDCOUNMC)
 Counseling Psychology, PHD (EDCPSYPHD)
 Integrative Social Science, MS (LSISSMS)
 Liberal Studies, MLSt (LAMLMSLS)
 Liberal Studies (Film and Media Studies), MLSt (LAFMSMLS)
 Narrative Studies, MA (LSNRSMA)
 Organizational Leadership, MS (LSORGLMS)
 Technical Communication, MS (LSTCCMMS)
 Technical Communication (certificate), Certificate (LSTECGRCT)
 User Experience, MS (ESUSEXMS)

Interdisciplinary Arts & Sciences, New College of

Biological Data Science, MS (ASBDSMS)
 Communication Studies, MA (ASCOMSTMA)

English, MA (ASENGLMA)
 Forensic Psychology, MS (ASFPSYMS)
 Forensic Science, PSM (ASFRSCIPSM)
 Interdisciplinary Studies, MA (ASINTERMA)
 Law and Psychology, PHD (ASLPSYPHD)
 Psychology, MS (ASPGSMS)
 Social Justice and Human Rights, MA (ASJHRMA)
 Social Technologies, MA (ASSTCMA)

Journalism & Mass Communication, Walter Cronkite School of
 Business Journalism, MS (CSBSJMS)
 Digital Audience Strategy, MS (CSDASMS)
 Digital Audiences (certificate), Certificate (CSDASGRCT)
 Investigative Journalism, MA (CSINVJOURMA)
 Journalism and Mass Communication, PHD (CSJMCPHD)
 Mass Communication, MMC (CSMCOMMMC)
 Sports Journalism, MA (CSSPJMA)

Law, Sandra Day O'Connor College of
 Biotechnology and Genomics, LL.M. (LWGENOMLLM)
 Health Law and Policy (Certificate), Certificate (LWHLPGRCT)
 Indian Law (certificate), Certificate (LWLAWGRCI)
 Juris Doctor of Law, JD (LWJDJD)
 Law and Sustainability (Certificate), Certificate (LWLSUSGRCT)
 Law, Science, & Technology (certificate), Certificate (LWLAWSTCE)
 Laws, LL.M. (LAWLAWSLLM)
 Laws (Global Legal Studies), LL.M. (LAWLGLPLLM)
 Legal Studies, MLS (LWLGSMLEGS)
 Legal Studies (Patent Practice), MLS (LWLPPMLEGS)
 Sports Law and Business, JD (LWSLBJD)
 Sports Law and Business, LL.M. (LWSLBLLM)
 Sports Law and Business, MLS (LWSLBMLS)
 Sports Law and Business, MSLB (LWSLBMSLB)
 Trial Advocacy (Certificate), Certificate (LWTAGRCT)
 Tribal Policy, Law and Government, LL.M. (LWTBLMLAWS)

Liberal Arts & Sciences, The College of
 Actuarial Science, MS (LAACTMS)
 Addiction and Substance-Use Related Disorders (certificate), Certificate (LAASRDGRCT)
 African Studies (certificate), Certificate (LAAFRICACE)
 American Indian Studies (Cultural Resource Revitalization and Sustainability), MS (LAAISCMS)
 American Indian Studies (Indigenous Rights and Social Justice), MS (LAAISIMS)
 American Indian Studies (Tribal Leadership and Governance), MS (LAAISTMS)
 American Indian Studies (Visual and Oral Culture), MS (LAAISVMS)
 American Studies, MA (LAAMSTMA)
 Animal Behavior, PHD (LAANBPHD)
 Anthropology, PHD (LAANTHRPHD)
 Anthropology (Complex Adaptive Systems Science), PHD (LAANTHCPHD)
 Anthropology (Urbanism), PHD (LAURBPHD)
 Applied Behavior Analysis, MS (LAAPBAMS)
 Applied Linguistics, PHD (EDAPLPHD)
 Applied Mathematics, PHD (LAAPMPHD)
 Applied Mathematics for the Life & Social Sciences, PHD (LAAMPLPHD)

Applied Mathematics for the Life and Social Sciences (Complex Adaptive Systems Science), PHD (LAAMLCPHD)
 Applied Prevention Science (Certificate), Certificate (LAAPSGRCT)
 Asian Languages and Civilizations (Chinese), MA (LACHINAMA)
 Asian Languages and Civilizations (Japanese), MA (LAJAPANMA)
 Asian Studies (certificate), Certificate (LAASIANCE)
 Astrophysics, PHD (LAASTPHPHD)
 Astrophysics and Astronomy, MS (LAASTPHMS)
 Atmospheric Science (certificate), Certificate (LAATMOSCE)
 Biochemistry, MS (LABIOCHMS)
 Biochemistry, PHD (LABIOCHPHD)
 Biochemistry (Medicinal Biochemistry), MS (LABCHMCMS)
 Biology, MS (LABIOMS)
 Biology, PHD (LABIOPHD)
 Biology (Biology and Society), MS (LABIOSMS)
 Biology (Biology and Society), PHD (LABIOSPHD)
 Biology (Complex Adaptive Systems Science), PHD (LABIOCPHD)
 Biomimicry, MS (LABMYMS)
 Biomimicry (Certificate), Certificate (LABMYGRCT)
 Chemistry, MS (LACHEMMS)
 Chemistry, PHD (LACHEMPHD)
 Classical Liberal Education and Leadership, MA (LACLEDLMA)
 Communication, MA (LACOMMOMA)
 Communication, PHD (LACOMMOPHD)
 Computational Life Sciences (Certificate), Certificate (LACMLSGRCT)
 Computer-Assisted Language Learning (Certificate), Certificate (LACALLGRCT)
 Creative Writing, MFA (LACWRITMFA)
 Critical Theory (certificate), Certificate (LACRTGRCT)
 Digital Humanities (Certificate), Certificate (LACDHGRCT)
 Disability Studies (Certificate), Certificate (LADISGRCT)
 East Asian Languages and Civilizations (Chinese), PHD (LAEALCPHD)
 English, MA (LAENGLMA)
 English (English Education), PHD (LAENEDPHD)
 English (Literature), PHD (LAENLITPHD)
 English (Writing, Rhetorics, and Literacies), PHD (LAENRHTPHD)
 English Education, MA (LAENEDMA)
 Environmental Communication and Leadership (Certificate), Certificate (LAECLGRCT)
 Environmental Life Sciences, PHD (LAELSPHD)
 Environmental Social Science, PHD (LAESSPHD)
 Environmental Social Science (Complex Adaptive Systems Science), PHD (LAESSCPHD)
 Environmental Social Science (Urbanism), PHD (LAESSURPHD)
 Evolutionary Biology, PHD (LAEVOPHD)
 Evolutionary Medicine (Certificate), Certificate (LAEVMDGRCT)
 Exploration Systems Design, PHD (LAESDPHD)
 Exploration Systems Design (Instrumentation), PHD (LAESDIPHD)
 Exploration Systems Design (Sensor Networks), PHD (LAESDSNPHD)
 Exploration Systems Design (Systems Engineering), PHD (LAESDSEPHD)
 Family and Human Development, MS (LAFAMHDMS)
 Family and Human Development, PHD (LAFAMSCPHD)
 Film and Media Studies, MAS (LAAMPCMAS)
 French (Comparative Literature), MA (LAFRECLMA)

French (Linguistics), MA (LAFRELINMA)
 French (Literature), MA (LAFRELITMA)
 Gender Studies, PHD (LAGSTPHD)
 Gender Studies (certificate), Certificate (LAWSTGRCT)
 Geographic Education, MAS (LAGEOEDMAS)
 Geographic Information Science (certificate), Certificate (LAGEOGISCE)
 Geographic Information Systems, MAS (LAGISMAS)
 Geography, MA (LAGEOGMA)
 Geography, PHD (LAGEOGPHD)
 Geological Sciences, MS (LAGEOSCMS)
 Geological Sciences, PHD (LAGEOSCPHD)
 German, MA (LAGERMMA)
 Global Health, MA (LASSHMA)
 Global Health, PHD (LASSHPHD)
 Global Health (Complex Adaptive Systems Science), PHD (LASSHCPHD)
 Global Health (Culture and Health), PHD (LASSHCHPHD)
 Global Health (Evolutionary Global Health Sciences), PHD (LASSHEPHD)
 Global Health (Urbanism), PHD (LASSHURPHD)
 Global Security, MA (LAGSCMA)
 Global Security (Cybersecurity), MA (LAGSCSECMA)
 History, MA (LAHISTMA)
 History, PHD (LAHISTPHD)
 History and Philosophy of Science, PHD (LAHPSCIPHD)
 Immigration Studies (certificate), Certificate (LAIMMSTUCE)
 Indigenous Education, MA (LAIEDMA)
 Infant Family Practice, MAS (LACDEMAMAS)
 International Affairs and Leadership, MA (LAIALMA)
 International Letters and Cultures, PHD (LAILCPHD)
 Justice Studies, MS (LAJUSSTMS)
 Justice Studies, PHD (LAJUSSTPHD)
 Language Teaching, MA (LALANTCHMA)
 Linguistics (certificate), Certificate (LALINGUICE)
 Linguistics and Applied Linguistics, MA (LALINMA)
 Linguistics and Applied Linguistics, PHD (LALINPHD)
 Literary Translation Studies (Certificate), Certificate (LALTSGRCT)
 Marriage and Family Therapy, MAS (LAMFTMAS)
 Mathematics, MA (LAMATHMA)
 Mathematics, PHD (LAMATHPHD)
 Mathematics Education, PHD (LAMTEPHD)
 Medieval Studies (certificate), Certificate (LAMEDSTCE)
 Microbiology, MS (LAMICROMS)
 Microbiology, PHD (LAMICROPHD)
 Molecular and Cellular Biology, MS (LACELLMS)
 Molecular and Cellular Biology, PHD (LACELLPHD)
 Museum Studies, MA (LAMUSSTMA)
 Museum Studies (certificate), Certificate (LAMUSEUMCE)
 Nanoscience, PSM (LANANPSM)
 Natural Science (Geological Sciences), MNS (LANATSCIMN)
 Natural Science (Physics), MNS (LAPHYSMNS)
 Neuroscience, PHD (GCBMENPHD)

Philosophy, MA (LAPHILMA)
 Philosophy, PHD (LAPHILPHD)
 Philosophy (History and Philosophy of Science), MA (LAHPSMA)
 Philosophy (History and Philosophy of Science), PHD (LAHPSPHD)
 Physics, MS (LAPHYSIMS)
 Physics, PHD (LAPHYSIPHD)
 Plant Biology and Conservation, MS (LAPLBIOMS)
 Political Psychology, MA (LAPPSMA)
 Political Science, MA (LAPOLSCMA)
 Political Science, PHD (LAPOLSCPHD)
 Psychology, PHD (LAPSYCHPHD)
 Psychology (Quantitative Research Methods), PHD (LAPSYQUPHD)
 Religious Studies, MA (LARELIGMA)
 Religious Studies, PHD (LARELIGPHD)
 Renaissance Studies (certificate), Certificate (LARENAISCE)
 Scholarly Publishing (certificate), Certificate (LASCHPUBCE)
 Scientific Teaching in Higher Education (certificate), Certificate (LASTHEGRCT)
 Sexuality Studies (Certificate), Certificate (LASXSGRCT)
 Social and Cultural Pedagogy, MA (LASCPMA)
 Social Science Research Methods (Certificate), Certificate (LASSRMGRCT)
 Social Transformation Certificate, Certificate (LASOTGRCT)
 Socio-Economic Justice (certificate), Certificate (LAECJUGRCT)
 Sociology, MA (LASOCMA)
 Sociology, PHD (LASOCPHD)
 Spanish, MA (LASPANMA)
 Spanish, PHD (LASPANPHD)
 Spanish Language Pedagogy (certificate), Certificate (LASPAPGRCT)
 Spanish Linguistics, PHD (LASPALIPHD)
 Statistics, MS (GCSTATMS)
 Statistics, PHD (LASTPPHD)
 Statistics (certificate), Certificate (GCSTATCE)
 Teaching English to Speakers of Other Languages, MTESOL (LAENGMTESL)
 Transborder Studies, MAS (LATCLMAS)
 Transborder Studies, PHD (LATCLPHD)
 Transportation Systems (certificate), Certificate (GCTRANSCE)
 Urban and Environmental Planning, MUEP (ARURBMUEP)
 Urban Planning, PHD (ARPUPPHD)
 Women and Gender Studies, MA (LAWSTMA)
 World War II Studies, MA (LAWWSMA)

Nursing and Health Innovation, Edson College of
 Acute Care Pediatric Nurse Practitioner (certificate), Certificate (NUACPNGRCT)
 Adult Gerontology Nurse Practitioner (Certificate), Certificate (NUAGNPGRCT)
 Adv Nursing Practice (Women's Health Nurse Practitioner), DNP (NUANPWHDNP)
 Advanced Nursing Practice, DNP (NUANPDNP)
 Advanced Nursing Practice (Acute Care Pediatric Nurse Practitioner), DNP (NUANPACDNP)
 Advanced Nursing Practice (Adult-Gerontology Nurse Practitioner), DNP (NUANPAGDNP)
 Advanced Nursing Practice (Family Nurse Practitioner), DNP (NUANPFNDNP)
 Advanced Nursing Practice (Family Psychiatric and Mental Health Nurse Practitioner), DNP (NUANPCFDNP)
 Advanced Nursing Practice (Innovation Leadership), DNP (NUANPILDNP)
 Advanced Nursing Practice (Neonatal Nurse Practitioner), DNP (NUANPNDNP)

Advanced Nursing Practice (Pediatric Nurse Practitioner), DNP (NUANPPDNP)
 Aging, MS (LAALDMS)
 Clinical Research Management, MS (NUCRMMS)
 Clinical Research Management (certificate), Certificate (NUHCRGRCC)
 Clinical Research Management (Regulatory Science), MS (NUCRMRSMS)
 Emergency Nurse Practitioner (Certificate), Certificate (NUEMNPGRCT)
 Family Nurse Practitioner (certificate), Certificate (NUFMPGRCE)
 Family Psychiatric and Mental Health Nurse Practitioner (certificate), Certificate (NUPMNUPRCE)
 Health Care Innovation, Certificate (NUHCINGRCT)
 Health Care Simulation, MS (NUHCSMS)
 Healthcare Innovation, MHI (NUHCINNMHI)
 Innovation Leadership, Certificate (NUINLSGRCT)
 International Health for Healthcare Professionals (certificate), Certificate (NUHCRGRCI)
 Interprofessional Healthy Aging (certificate), Certificate (NUGNCERT)
 Nurse Education in Academic and Practice Settings (certificate), Certificate (NUNURSEDCE)
 Nursing, MS (NUNURDTMS)
 Nursing (Entry to Nursing Practice), MS (NUNRENPRMS)
 Nursing (Nursing Education), MS (NUNURSEDMS)
 Nursing and Healthcare Innovation, PHD (NUNHIPHD)
 Pediatric Nurse Practitioner (Certificate), Certificate (NUPDNPGRCT)
 Regulatory Science, MS (NURSHSMS)
 Regulatory Science (Food Safety), MS (NURGSCFSMS)
 Women's Health Nurse Practitioner (Certificate), Certificate (NUWHNPGRCT)

Public Service and Community Solutions, Watts College of

Assessment of Integrative Health Modalities (certificate), Certificate (PPSWGGRCH)
 Community Resources and Development, MS (PPRECDTMS)
 Community Resources and Development, PHD (PPCRDPHD)
 Community Resources and Development (Nonprofits and NGOs), MS (PPCRDNPMMS)
 Community Resources and Development (Parks and Recreation Management), MS (PPCRDPRMS)
 Community Resources and Development (Sustainable Communities), MS (PPCRDSCMS)
 Community Resources and Development (Tourism), MS (PPCRDTMMS)
 Corrections Management (Certificate), Certificate (PPCMGGRCT)
 Criminal Justice, MA (PPCRIMJMA)
 Criminal Sentencing and Sentencing Advocacy (Certificate), Certificate (PPCSAGRCT)
 Criminology and Criminal Justice, MS (PPCRJMS)
 Criminology and Criminal Justice, PHD (PPCRJPHD)
 Domestic Violence and Evidence-Based Practice (Certificate), Certificate (PPDVEPGRCT)
 Emergency Management (Certificate), Certificate (PPEMEGRCT)
 Emergency Management and Homeland Security, MA (PPEMHSMA)
 Emergency Management and Homeland Security (Biosecurity and Threat Management), MA (PPEMHSBTMA)
 Emergency Management and Homeland Security (Community Resilience), MA (PPEMHSCRMA)
 Emergency Management and Homeland Security (Cybersecurity Policy and Management), MA (PPEHSCPMMA)
 Emergency Management and Homeland Security (Emergency Management), MA (PPEMHSEMMA)
 Emergency Management and Homeland Security (Homeland Security), MA (PPEMHSHSMA)
 Homeland Security (certificate), Certificate (PPHLSGRCT)
 Latino Cultural Competency in Social Work (certificate), Certificate (PPSWGGRCL)
 Law Enforcement Administration (Certificate), Certificate (PPLEAGRCT)
 Nonprofit Leadership and Management, MNL (PPNPSMNS)

Nonprofit Leadership and Management (certificate), Certificate (PPNONPROCE)
 Participatory Governance (certificate), Certificate (PPPGOGRCT)
 Policy Informatics (Certificate), Certificate (PPPOIGRCT)
 Program Evaluation (Certificate), Certificate (PPPGEVGRCT)
 Program Evaluation and Data Analytics, MS (PPPGEMS)
 Public Administration, EMPA (PPPUAEMPA)
 Public Administration, MPA (PPPADTMPA)
 Public Administration (Certificate), Certificate (PPPUAGRCT)
 Public Administration (Emergency Management), MPA (PPPAFEMPA)
 Public Administration (Nonprofit Administration), MPA (PPNONPRMPA)
 Public Administration (Public Finance), MPA (PPPAFPMPA)
 Public Administration (Urban Management), MPA (PPPAFUMPA)
 Public Administration (Urbanism), PHD (PPPAURBPHD)
 Public Administration and Policy, PHD (PPPUBADPHD)
 Public Policy, MPP (PPPUBPMPP)
 Public Policy (Certificate), Certificate (PPPUPGRCT)
 Public Policy (Environmental Policy), MPP (PPPUPEMPP)
 Public Policy (Policy Informatics), MPP (PPPUPPIMPP)
 Public Policy (Science and Technology Policy), MPP (PPPUPSTMPP)
 Public Policy (Urban Policy), MPP (PPPUPUPMPP)
 Public Safety Leadership & Administration (Emergency Medical Services-Mobile Integrated Healthcare), MPSLA
 (PPPSEMMPSL)
 Public Safety Leadership and Administration, MPSLA (PPPSLAMPSL)
 Public Safety Leadership and Administration (Executive Fire Administration), MPSLA (PPPSEFMPSL)
 Public Safety Leadership and Administration (Executive Police Administration), MPSLA (PPPSEPMPSL)
 Social Entrepreneurship and Community Development (certificate), Certificate (PPSECDGRCT)
 Social Work, MSW (PPSWDMSW)
 Social Work, PHD (PPSW2PHD)
 Social Work (Advanced Direct Practice), MSW (PPAPDTMSW)
 Social Work (Planning, Administration and Community Practice), MSW (PPCPDTMSW)
 Social Work - Advanced Standing - Advanced Generalist, MSW (PPASWMSW)
 Sustainable Tourism, MAS (PPSUSTMAS)
 Sustainable Tourism, MST (PPSUSTMST)
 Sustainable Tourism (certificate), Certificate (PPSTGRCT)
 Trauma and Bereavement (certificate), Certificate (HSCTBGRCT)

Sustainability, School of

Complex Adaptive Systems Science (certificate), Certificate (SUCASGRCT)
 Environmental and Sustainability Economics (Certificate), Certificate (SUESECGRCT)
 Food Policy and Sustainability Leadership (certificate), Certificate (SUFPSLGRCT)
 Global Sustainability Science, MS (SUGSUSMS)
 Sustainability, MA (SUSUSTMA)
 Sustainability, MS (SUSUSTMS)
 Sustainability, PHD (SUSUSTPHD)
 Sustainability (Certificate), Certificate (SUSUSGRCT)
 Sustainability (Complex Adaptive Systems Science), PHD (SUSUSTCPHD)
 Sustainability Leadership, EMSL (SUEMSLEMSL)
 Sustainability Leadership, MSL (SUSUSLMSL)
 Sustainability Solutions, MSUS (SUSUSOMSUS)
 Sustainable Energy, PHD (SUSUEPHD)
 Sustainable Food Systems, MS (SUSUSFSMS)

Teachers College, Mary Lou Fulton

Advanced Analytics in Higher Education, Certificate (TEAAHEGRCT)
An Overview of Autism Spectrum Disorders (certificate), Certificate (EDSPEGRCA)
Applied Behavior Analysis (Certificate), Certificate (TEABAGRCT)
Curriculum and Instruction (Teaching and Learning), MEd (EDDCIMED)
Curriculum and Instruction (Accomplished Teaching), MA (EDACCTCMA)
Curriculum and Instruction (Applied Behavior Analysis), MEd (TEABAMED)
Curriculum and Instruction (Autism Spectrum Disorders), MEd (TEASDMED)
Curriculum and Instruction (Early Childhood Education), MEd (TEECDMED)
Curriculum and Instruction (English as a Second Language), MA (EDESLEMA)
Curriculum and Instruction (Gifted Education), MEd (TEGEDMED)
Curriculum and Instruction (Literacy Education), MA (EDLANGMA)
Education, MA (TEEDUMA)
Educational Leadership, MEd (EDSUPVMED)
Educational Leadership (Principalship), MEd (TEPRINMED)
Educational Policy, MA (EDSPFMA)
Educational Policy and Evaluation, PHD (EDLDRSHPHD)
Educational Technology, PHD (EDTECHPHD)
Elementary Education (Teacher Certification), MEd (TEEEACLME)
English as a Second Language (Certificate), Certificate (TEESLGRCT)
Gifted Education (Certificate), Certificate (TEGEDGRCT)
Global Education, MEd (TEGLOEDMED)
Higher and Postsecondary Education, MEd (EDPOSTMED)
Institutional Research and Policy Analysis (certificate), Certificate (EDINSRESCE)
Instructional Design and Performance Improvement (certificate), Certificate (EDEDTGRCT)
Leadership and Innovation, EdD (TELINEDD)
Leadership and Innovation (Policy and Administration), EdD (TEINNPAAEDD)
Leadership and Innovation (Teaching), EdD (TEINNTEEDD)
Learning Design and Technologies, MEd (EDTECHMED)
Learning Sciences, MA (EDPSYCHMA)
Learning, Literacies and Technologies, PHD (EDCIPHD)
Online Teaching for Grades K-12 (certificate), Certificate (TEEDTGRCT)
Physical Education, MPE (ECPHYEDMPE)
Secondary Education (Teacher Certification), MEd (TESCERTMED)
Special Education, MA (EDSPEDMA)
Special Education (Applied Behavior Analysis), MA (TESPEABAMA)
Special Education (Autism Spectrum Disorder), MA (TESPEASDMA)
Special Education (Teacher Certification), MEd (TESECRTMED)
Technology for Teaching and Learning (certificate), Certificate (EDEDTTGRCT)

Undergraduate Programs

Minors (Program Descriptions and Requirements)

African and African American Studies Minor (LAAFRMIN)
American Indian Studies Minor (LAAISMIN)
American Studies Minor (ASAMSMIN)
Anthropology Minor (LAASBMIN)
Applied Biological Sciences Minor (TSABSMIN)
Applied Computing Minor (ASACOMIN)
Applied Ethics Minor (ASAPETHMIN)
Applied Mathematics Minor (LSAPMMIN)
Arabic Studies Minor (LAARBMIN)

Architectural Studies Minor (ARSTDMIN)
 Art History Minor (FAARTHMIN)
 Asian Languages (Chinese) Minor (LACHIMIN)
 Asian Languages (Japanese) Minor (LAJPNMIN)
 Asian Pacific American Studies Minor (LAAPAMIN)
 Astronomy Minor (LAASTMIN)
 Astrophysics Minor (LAASTPHMIN)
 Biochemistry Minor (LABCHMIN)
 Biological Sciences Minor (LABIOMIN)
 Biology Minor (ASLSCMIN)
 Business Minor (BABUSMIN)
 Chemistry Minor (ASCHMMIN)
 Chemistry Minor (LACHMMIN)
 Civic and Economic Thought and Leadership Minor (LACELMIN)
 Communication Minor (HSCMNMIN)
 Communication Minor (LACOMMIN)
 Communication Minor (LSCOMMIN)
 Community Health Minor (NUCHLTMIN)
 Community Sports Management Minor (PPCSMMIN)
 Computational Mathematical Sciences Minor (LACMSMIN)
 Conflict Resolution Minor (ASCNRMIN)
 Construction Management Minor (ESCMGMIN)
 Counseling and Applied Psychological Science Minor (LSCAPSMIN)
 Criminology and Criminal Justice Minor (PPCRJMIN)
 Dance Minor (FADANMIN)
 Design Studies Minor (ARDSNMIN)
 Digital Audiences Minor (CSDAUMIN)
 Digital Culture Minor (HIDGCMIN)
 Disability Studies Minor (ASDISASMIN)
 Early Childhood Education Minor (TEECEDMIN)
 Economics Minor (LAECNMIN)
 Educational Studies Minor (TEEDSTMIN)
 Engineering Management Minor (ESENMMIN)
 English Minor (ASENGMIN)
 English Minor (LAENGMIN)
 English Minor (LSENGMIN)
 English (Linguistics) Minor (LAENGMINN)
 English (Literature) Minor (LAENGMINT)
 Environmental Science Minor (ASENVMIN)
 Environmental and Resource Management Minor (ESERMMIN)
 Ethnic Studies Minor (ASETHMIN)
 Family and Human Development Minor (LAFASMIN)
 Fashion Minor (HIFSHMIN)
 Film and Media Production Minor (FAFMPPMIN)
 Film and Media Studies Minor (LAFMSMIN)
 Food and Nutrition Management Minor (ECFNTRMIN)
 French Minor (LAFREMIN)
 Geography Minor (LAGCUMIN)
 Geological Sciences Minor (LAGLGMIN)
 German Minor (LAGERMIN)

Global Health Minor (LASSHMIN)
Global Studies Minor (LASGSMIN)
Health Care Compliance and Regulations Minor (NUHCCRMIN)
Health Care Coordination Minor (NUHCCOMIN)
Health Innovation Minor (NUHCIMIN)
History Minor (ASHISMIN)
History Minor (LAHISMIN)
History Minor (LSHISMIN)
History of Science, Ideas and Innovation Minor (LSHSIIMIN)
Human Nutrition Minor (ECNTRMIN)
Human Systems Engineering Minor (ESHSEMIN)
Innovation in Society Minor (FIFISMIN)
Integrative Health Minor (NUIHLTMIN)
Integrative Social Science Minor (LSSSMIN)
Interdisciplinary Organizational Studies Minor (ASIOSMIN)
Interior Design History Minor (ARINTMIN)
Italian Minor (LAITAMIN)
Justice Studies Minor (LAJUSMIN)
Kinesiology Minor (NHKINMIN)
Korean Minor (LAKORMIN)
Landscape Studies Minor (ARLNDMIN)
Latin American Studies Minor (ASLASMIN)
Materials Science and Engineering Minor (ESMSEMIN)
Mathematics Minor (ASMATHMIN)
Mathematics Minor (LAMATMIN)
Media Analysis Minor (CSCMOMINA)
Medical Studies Minor (NHMESTMIN)
Military Leadership Minor (LAMISMIN)
Music Minor (FAMUSMIN)
Music Performance Minor (HIMUSPMIN)
Music Theatre Minor (HIMUTHRMIN)
Nonprofit Leadership and Management Minor (PPNLMMIN)
Nutrition and Healthy Living Minor (NUNHLMIN)
Organizational Leadership Minor (LSORGLMIN)
Parks and Protected Area Management Minor (PPPRMMINT)
Personal Health Minor (NHPHLMIN)
Pharmacology and Toxicology Minor (ASPTXMIN)
Philosophy Minor (ASPHIMIN)
Philosophy Minor (LAPHIMIN)
Physics Minor (LAPHYMIN)
Physics Minor (LSPHYMIN)
Political Science Minor (ASPOLMIN)
Political Science Minor (LAPOSMIN)
Project Management Minor (LSPROMAMIN)
Psychology Minor (ASPGSMIN)
Psychology Minor (LAPGSMIN)
Psychology Minor (LSPGSMIN)
Public Relations and Strategic Communications Minor (HSPRSMIN)
Public Service and Public Policy Minor (PPPAFMIN)
Real Estate Minor (BAREAMIN)

Recreation Management Minor (PPRECMIN)
Recreation Therapy Minor (PPRECTMIN)
Religious Studies Minor (ASRELMIN)
Religious Studies Minor (LARELMIN)
Romanian Minor (LAROMMIN)
Russian Minor (LARUSMIN)
Science, Technology and Society Minor (ECSTSMIN)
Slavic Studies Minor (LASLVMIN)
Social Justice and Human Rights Minor (ASJHRMIN)
Social Welfare Minor (LASSWMIN)
Social and Behavioral Sciences Minor (ASSBSMIN)
Sociocultural Anthropology Minor (ASASBMIN)
Sociology Minor (ASSOCMIN)
Sociology Minor (LASOCMIN)
Spanish Minor (ASSPAMIN)
Spanish Minor (LASPAMIN)
Spanish Minor (LSSPAMIN)
Special Events Management Minor (HSEVNMIN)
Speech and Hearing Science Minor (LASHSMIN)
Statistics Minor (LASTAMIN)
Studio Art Minor (HISTARTMIN)
Sustainability Minor (SUSUSMIN)
Sustainable Tourism Minor (PPTDMSMIN)
Technical Communication Minor (LSTWCMIN)
Technological Entrepreneurship and Management Minor (ESTEM2MIN)
Technological Entrepreneurship and Management Minor (ESTEM2MIN)
Theatre Minor (FATHEMIN)
Tourism Development and Management Minor (PPTDMMIN)
Transborder Chicana/o and Latina/o Studies Minor (LATCLMIN)
Urban Planning Minor (ARPUPMIN)
Urban and Metropolitan Studies Minor (PPURBMIN)
Wellness Foundations Minor (ECEXWMIN)
Women and Gender Studies Minor (ASWSTMIN)
Women and Gender Studies Minor (LAWSTMIN)
Writing, Rhetorics and Literacies Minor (LAWRHLMIN)
Youth Services Leadership Minor (HSYSLMIN)

Undergraduate Programs

Undergraduate Certificates (Program Descriptions and Requirements)

Actuarial Science Certificate (LAACTCERT)
African and African American Studies Certificate (LAAFRCERT)
American Indian Nation Governance Certificate (LAAIGVCERT)
Analysis and Management of Insurance Risk Certificate (LAAMIRCERT)
Applied Business Data Analytics Certificate (BABDACERT)
Applied Cybersecurity Certificate (ASACSCERT)
Applied Social Sciences Certificate (ASAPSSCERT)
Arabic Studies Certificate (LAARBCERT)
Arts Entrepreneurship Certificate (HITHAECERT)
Arts and Humanities in Games Certificate (ASAHGCERT)
Arts in Education Certificate (HIAEDCERT)
Asian Pacific American Studies Certificate (LAAPACERT)

Asian Studies Certificate (LAASNCERT)
Atmospheric Sciences Certificate (LAATMSCERT)
Biomedical Research Certificate (ASBMRCERT)
Biomimicry Certificate (SUBMYCERT)
Brazilian Studies Certificate (LABZSCERT)
Child Life Certificate (LACHLFCERT)
Child Life Certificate (LACHLFCERT)
Civic Education Certificate (LACVECERT)
Civil Communication Certificate (LACCOMCERT)
Classical Studies Certificate (LACLGCERT)
Communication Sciences and Disorders Certificate (NHCSDCERT)
Communication Training and Assessment Certificate (ASCTACERT)
Computational Life Sciences Certificate (LACLSICERT)
Computer Gaming Certificate (ESSCICERT)
Convention Sales and Meeting Planning Certificate (PPTDMCERT)
Correctional Studies Certificate (PPCRTSCERT)
Creative City Certificate (PPURBCERC)
Criminal Investigations Certificate (PPCRICERT)
Cross-Sector Leadership Certificate (PPCSLDCERT)
Cryptology Certificate (LACRYCERT)
Data Science Certificate (ASDTSCERT)
Desert Food Production Certificate (LSDFPRCERT)
Digital Business Innovation Certificate (BADBICERT)
Digital Culture Certificate (HIDGCCERT)
Disability Studies Certificate (LADISCERT)
Diversity and Equity Studies Certificate (ASDESCERT)
Domestic Violence and Evidence-based Practice Certificate (PPDVEPCERT)
Economic Justice Certificate (LAECNJCERT)
Energy and Sustainability Certificate (SUESUCERT)
Entrepreneurship and Innovation Certificate (BAKEICERT)
Environmental Education Certificate (TEEVEDCERT)
Environmental Humanities Certificate (LAENHCERT)
Environmental Humanities Certificate (LSENHCERT)
Ethics Certificate (LAETHCERT)
Ethnic Studies Certificate (ASETHCERT)
European Studies Certificate (LAESCERT)
Evolutionary Medicine Certificate (LAEVMDCERT)
Family Communication Certificate (ASFAMCCERT)
Field Geology Certificate (LAFDGCERT)
Film and Video Studies Certificate (ASVIDCERT)
Food Industry Management and Marketing Certificate (BAFIMMCERT)
Geographic Information Science Certificate (LAGISCERT)
Global Management Certificate (TBTGMCERT)
Globalization and Culture Certificate (LAGLCCERT)
Hazardous Materials and Waste Management Certificate (TSETMCERT)
Health Care Policy and Delivery Certificate (NHHCPDCERT)
Health Education Specialist Certificate (NHHEDSCERT)
Health and Wellness Coach Certificate (NHHWCCERT)
History and Philosophy of Science Certificate (LAHPSCERT)
Homeland Security Certificate (PPHSLCERT)

Honors Business Consulting Certificate (BAECNUERT)
 Hospice and Palliative Care Certificate (NHHAPCCERT)
 Human Rights Certificate (LAHRTSCERT)
 Informatics Certificate (ESCPICERT)
 Innovation for Impact Certificate (FIIFICERT)
 Integrated Behavioral Health Certificate (NHIBHCERT)
 Interdisciplinary Health Humanities Certificate (LAIHHUCERT)
 International Business Certificate (BAIBSCERT)
 International Cinema Certificate (LAICINCERT)
 International Studies Certificate (LAINSCERT)
 International Trade Certificate (TBINTRCERT)
 Islamic Studies Certificate (LAISLCERT)
 Jewish Studies Certificate (LAJUDCERT)
 Korean Studies Certificate (LAKORCERT)
 Latin American Studies Certificate (LALASCERT)
 Law and Human Behavior Certificate (PPLWHBCERT)
 Leadership and Ethics Certificate (PPLDECERT)
 Leadership in Business Certificate (BALIBCERT)
 Leadership, Ethics and Service Certificate (PPLETSCERT)
 Lesbian, Gay, Bisexual and Transgender Certificate (PPLGBTCERT)
 Mathematical Concepts of Engineering Certificate (LAMACECERT)
 Medieval and Renaissance Studies Certificate (LAMRSCERT)
 Modern Hebrew Certificate (LAHEBCERT)
 Music Entrepreneurship Certificate (HIMERTCERT)
 Nonprofit Professional Certificate (PPNPYCERT)
 Oral History Certificate (ASOHCCERT)
 Peace Corps Prep Certificate (LSPCPRCERT)
 Personal Fitness Training Certificate (NHPFITCERT)
 Philosophy, Rhetoric and Literature Certificate (ASPRLCERT)
 Political Economy Certificate (LAPLECERT)
 Political Entrepreneurship through Internships: Local to Global Certificate (LAPEICERT)
 Political History and Leadership Certificate (LAPTLCERT)
 Power and Society Certificate (ASPWSOCERT)
 Professional Sales Certificate (BAPRSCERT)
 Public Administration and Public Management Certificate (PPPAFCERT)
 Religion and Conflict Certificate (LARELCERT)
 Risk Communication Certificate (ASRCMCERT)
 Risk Management Certificate (BARMGTCERT)
 Russian and East European Studies Certificate (LAREECERT)
 Sales and Marketing Essentials Certificate (BASMECERT)
 School Nutrition Certificate (ECNTRCERC)
 Secondary Education Certificate (TESEDCERT)
 Security Studies Certificate (PPSCSCERT)
 Small Business and Entrepreneurship Certificate (BASMBCERT)
 Social Science Research Methods Certificate (LASSRMCERT)
 Social Transformation Certificate (LASOTCERT)
 Socially Engaged Practice in Design and the Arts Certificate (HISEPCERT)
 Socio-Legal Studies Certificate (LASLSTCERT)
 Spanish for the Professions Certificate (LSSPPRFCER)
 Special Events Management Certificate (HSRTMUERT)

Speech-Language Pathology Assistant Certificate (LASLPACERT)
Sports Business Certificate (BASPBCERT)
Sports, Cultures and Ethics Certificate (LASPCECERT)
Sustainable Food Systems Certificate (SUFUCERT)
Symbolic, Cognitive and Linguistic Systems Certificate (LAPHICERT)
Teaching English to Speakers of Other Languages (TESOL) Certificate (LATESLCERT)
Technical Communication Certificate (LSTECERT)
Translation Certificate (LSPACERT)
Veterans, Society and Service Certificate (LAVSSCERT)
Water Resources Certificate (LAWATRCERT)
Wildlife Management Certificate (LSWLMCERT)
Women and Gender Studies Certificate (ASWSTCERT)
Women and Gender Studies Certificate (LAWSTCERT)
Working with Military Families Certificate (LAWWMFCERT)
Writing (Liberal Arts and Sciences) Certificate (LAENGCERT)
Writing (New College) Certificate (ASWRTCERT)

Undergraduate Programs

Undergraduate Degrees (Program Descriptions)

Business, W. P. Carey School of

Accountancy, BS (BAACCBS)
Business, BA (BABUSBA)
Business (Business Administration), BA (BABUSBABA)
Business (Chinese Language and Culture), BA (BABUSCLBA)
Business (Communication), BA (BABUSCBA)
Business (Corporate Accounting), BA (BABUSCABA)
Business (Financial Planning), BA (BABUSFPBA)
Business (Food Industry Management), BA (BABUSFIMBA)
Business (Global Agribusiness), BA (BABUSGAGBA)
Business (Global Leadership), BA (BABUSGBA)
Business (Global Logistics Management), BA (BABUSGLBA)
Business (Global Politics), BA (BABUSGPBA)
Business (Health Care), BA (BABUSHCBA)
Business (Human Resources), BA (BABUSHRBA)
Business (Information Security), BA (BABUSISBA)
Business (Language and Culture), BA (BABSLACUBA)
Business (Law), BA (BABUSLBA)
Business (Public Service and Public Policy), BA (BABUSPBA)
Business (Retail Management), BA (BABUSRBA)
Business (Spanish Language and Culture), BA (BABUSSLBA)
Business (Sports Business), BA (BABUSMSBA)
Business (Statistics), BA (BABUSTABA)
Business (Sustainability), BA (BABUSSBA)
Business (Technology), BA (BABUSTCBA)
Business (Tourism), BA (BABUSTBA)
Business Data Analytics, BS (BABDABS)
Business Entrepreneurship, BS (BABUENTBS)
Business Exploratory, (BABUSEXP)
Computer Information Systems, BS (BACISBS)
Economics, BS (BAECNBS)

Finance, BS (BAFINBS)
 Food Industry Management, BS (BAFIMBS)
 Management, BS (BAMGTBS)
 Marketing, BS (BAMKTBS)
 Marketing (Digital and Integrated Marketing Communications), BS (BAMKDIMCBS)
 Marketing (Professional Sales), BS (BAMKTPSBS)
 Supply Chain Management, BS (BASCMBBS)
 Technological Entrepreneurship and Management, BS (TSTEM2BS)

Design & the Arts, Herberger Institute for
 Architectural Studies, BSD (ARSTDBSD)
 Art (Animation), BFA (HIARTANBFA)
 Art (Art Education), BFA (FAARTEBFA)
 Art (Art History), BA (FAARTHBA)
 Art (Art Studies), BA (FAARTSTDBA)
 Art (Ceramics), BFA (FAARTCBFA)
 Art (Digital Photography), BFA (HIARTDPBFA)
 Art (Drawing), BFA (FAARTDBFA)
 Art (Intermedia), BFA (FAARTIBFA)
 Art (Museum Studies), BA (FAARTMSBA)
 Art (Painting and Drawing), BFA (HIARTPDBFA)
 Art (Painting), BFA (FAARTPABFA)
 Art (Photography), BFA (FAARTPHBFA)
 Art (Printmaking), BFA (FAARTPMBFA)
 Art (Sculpture), BFA (FAARTSBFA)
 Art (Textiles), BFA (FAARTFBFA)
 Arts (BA in the Arts), BA (FAATSBA)
 Dance, BFA (FADANBFA)
 Dance (Dance Education), BFA (FADANEBFA)
 Design Studies, BA (ARDSNBA)
 Design Studies (Design Management), BA (ARDSNMBA)
 Digital Culture, BA (HIDGCBA)
 Digital Culture (Art), BA (HIDGCABA)
 Digital Culture (Arts and Design Studies), BA (HIDCADSBA)
 Digital Culture (Design), BA (HIDGCDBA)
 Digital Culture (English), BA (HIDGCENBA)
 Digital Culture (Film), BA (HIDGCFBA)
 Digital Culture (Graphic Information Technology), BA (HIDGCTEBA)
 Digital Culture (Interdisciplinary Arts and Performance), BA (HIDCIAPBA)
 Digital Culture (Media Processing), BA (HIDGCMPPBA)
 Digital Culture (Media Processing), BS (HIDGCMPPBS)
 Digital Culture (Music), BA (HIDGCMBA)
 Digital Culture (Theatre), BA (HIDGCTBA)
 Environmental Design, BS (HIEDSBS)
 Fashion, BA (HIFSHBA)
 Film (Film and Media Production), BA (FAFLMBA)
 Film (Filmmaking Practices), BA (FAFPRBA)
 Graphic Design, BSD (ARGRABSD)
 Industrial Design, BSD (ARINDBSD)
 Interior Design, BSD (ARINTBSD)
 Landscape Architecture, BSLA (ARPLABSLA)

Music, BA (FAMUSBA)
 Music (Music and Culture), BA (HIMUSMCBA)
 Music (Popular Music), BA (HIMUSPMBA)
 Music Learning and Teaching, BMUS (FAMUSEBM)
 Music Therapy, BMUS (FAMUSTHBM)
 Performance (Collaborative Piano), BMUS (FAMUSPPBM)
 Performance (Guitar), BMUS (FAMUSPGBM)
 Performance (Jazz), BMUS (FAMUSPJBM)
 Performance (Keyboard), BMUS (FAMUSPKBM)
 Performance (Music Theatre), BMUS (FAMUSPMBM)
 Performance (Orchestral Instrument), BMUS (FAMUSPOBM)
 Performance (Voice), BMUS (FAMUSPVBM)
 Performance and Movement, BA (HIPERMVBA)
 Theatre, BA (FATHEBA)
 Theatre (Acting), BA (FATHEABA)
 Theatre (Design and Production), BA (FADSNPRBA)
 Theory and Composition (Composition), BMUS (FAMUSTCBM)
 Theory and Composition (Theory), BMUS (FAMUSTTBM)

Engineering, Ira A. Fulton Schools of
 Aeronautical Management Technology (Air Traffic Management), BS (ESAMTATBS)
 Aeronautical Management Technology (Air Transportation Management), BS (TSAMTMBS)
 Aeronautical Management Technology (Professional Flight), BS (TSAMTFBS)
 Aeronautical Management Technology (Unmanned Aerial Systems), BS (TSAMTUASBS)
 Aerospace Engineering (Aeronautics), BSE (ESAEROBSE)
 Aerospace Engineering (Astronautics), BSE (ESAEASBSE)
 Aerospace Engineering (Autonomous Vehicle Systems), BSE (ESAEAVSBSE)
 Air Traffic Management, BS (TSATMBS)
 Applied Science (Aviation), BAS (TSAMTABAS)
 Applied Science (Graphic Information Technology), BAS (TSGITBAS)
 Applied Science (Internet and Web Development), BAS (TSIWDBAS)
 Applied Science (Operations Management), BAS (TSIMCOBAS)
 Biomedical Engineering, BSE (ESBMEBSE)
 Chemical Engineering, BSE (ESCHEBSE)
 Civil Engineering, BSE (ESCEEBSE)
 Civil Engineering (Environmental Engineering), BSE (ESCEEEBSE)
 Civil Engineering (Sustainable Engineering), BSE (ESCEESUBSE)
 Computer Science, BS (ESCSEBS)
 Computer Science (Cybersecurity), BS (ESCSEIBS)
 Computer Science (Software Engineering), BS (ESCSESBS)
 Computer Systems Engineering, BSE (ESCSEBSE)
 Computer Systems Engineering (Cybersecurity), BSE (ESCSEIBSE)
 Construction Engineering, BSE (ESCONBSE)
 Construction Management and Technology, BS (ESCONMGTBBS)
 Electrical Engineering, BSE (ESEEEBSE)
 Electrical Engineering (Electric Power and Energy Systems), BSE (ESEEEPBSE)
 Engineering, BSE (TSEGRBSE)
 Engineering (Automotive Systems), BSE (TSEGRASBSE)
 Engineering (Electrical Systems), BSE (TSEGRESBSE)
 Engineering (Mechanical Engineering Systems), BSE (TSEGRMEBSE)
 Engineering (Robotics), BSE (TSEGRRBSE)

Engineering Management, BSE (ESEMGBSE)
 Environmental Engineering, BSE (ESEVEBSE)
 Environmental and Resource Management, BS (TSETMBS)
 Graphic Information Technology, BS (TSGITBS)
 Graphic Information Technology (User Experience), BS (ESGITUEBS)
 Human Systems Engineering, BS (ESHSEBS)
 Human Systems Engineering (User Experience), BS (ESHSEUEBS)
 Industrial Engineering, BSE (ESIEEBSE)
 Informatics, BS (ESCPIBS)
 Information Technology, BS (TSIFTBS)
 Manufacturing Engineering, BS (TSMEGRBS)
 Materials Science and Engineering, BSE (ESMSEBSE)
 Mechanical Engineering, BSE (ESMAEMBSE)
 Mechanical Engineering (Computational Mechanics), BSE (ESMAECBSE)
 Mechanical Engineering (Energy and Environment), BSE (ESMAEEBSE)
 Software Engineering, BS (TSSERBS)
 Technological Entrepreneurship and Management, BS (TSTEM2BS)

Future of Innovation in Society, School for the
 Innovation in Society, BA (FIFISBA)
 Innovation in Society, BS (FIFISBS)

Global Management, Thunderbird School of
 Global Management, BGM (TBTGMBGM)
 International Trade, BS (TBINTRABS)

Health Solutions, College of
 Applied Science (Food and Nutrition Entrepreneurship), BAS (ECNTRBAS)
 Applied Science (Health Sciences), BAS (NUHSCBAS)
 Applied Science (Medical Laboratory Science), BAS (NUMLSBAS)
 Biomedical Informatics, BS (ESBMIBS)
 Dietetics, BS (NHDIETCSBS)
 Exercise and Wellness, BS (ECEXERBS)
 Exercise and Wellness (Fitness and Wellness Specialist), BS (ECEXWBS)
 Exercise and Wellness (Strength and Conditioning Specialist), BS (NHEXWSCBS)
 Food and Nutrition Entrepreneurship, BS (NHFNUENBS)
 Health Education and Health Promotion, BS (NHHEHPBS)
 Health Sciences, BS (NHHSCBS)
 Health Sciences (Health Policy), BS (NUHSCHPBS)
 Health Sciences (Healthy Lifestyles Coaching), BS (NUHSCHLCBS)
 Health Sciences (Pre-professional), BS (NUHSCPREBS)
 International Public Health, BIPH (NHIPHBIPH)
 Kinesiology, BS (NUKINBS)
 Medical Studies, BS (NHMEDBS)
 Nutrition, BS (NHNTRBS)
 Nutrition (Dietetics), BS (ECNTRDBS)
 Nutrition (Food and Nutrition Management), BS (ECNTRMBS)
 Nutrition (Human Nutrition), BS (ECNTRHBS)
 Nutrition (Nutrition Communication), BS (ECNTRCBS)
 Nutritional Sciences, BS (NHNUSCIBS)
 Population Health, BS (NHPOPHLBS)
 Public Health, BS (NHPBHBS)
 Science of Health Care Delivery, BS (NHHCDBS)

Speech and Hearing Science, BS (LASHSBS)
 Sports Science and Performance Programming, BS (NHSPTSPPBS)
 Honors - Barrett, The Honors College
 Honors College, (9HOHONALL)
 Integrative Sciences and Arts, College of
 Applied Biological Sciences (Applied Biological Sciences), BS (TSABSABS)
 Applied Biological Sciences (Applied Ecology and Preveterinary Medicine), BS (TSABSRBS)
 Applied Biological Sciences (Natural Resource Ecology), BS (LSABSNRBS)
 Applied Biological Sciences (Preveterinary Medicine), BS (LSABSPMBS)
 Applied Biological Sciences (Secondary Education in Biology), BS (TSABSSBS)
 Applied Biological Sciences (Sustainable Horticulture), BS (TSABSUBS)
 Applied Mathematics, BS (LSMATBS)
 Applied Physics, BS (LSAPHYBS)
 Applied Quantitative Science, BS (LSAQSBS)
 Applied Science (Applied Leadership), BAS (LSALSBAS)
 Applied Science (Project Management), BAS (LSAPSPMBAS)
 Applied Science (Technical Communication), BAS (LSTECBAS)
 Communication, BA (LSCOMBA)
 Counseling and Applied Psychological Science, BS (LSCAPSBS)
 Counseling and Applied Psychological Science (Substance Abuse and Addictions), BS (LSCAPSAABS)
 English, BA (LENGBA)
 Exploratory Health and Life Sciences, (UCHSCIEXPL)
 Exploratory Humanities, Fine Arts and Design, (UCHUFAEXPL)
 Exploratory Math, Physical Sciences, Engineering and Technology, (UCEMTPEXPL)
 Exploratory Social and Behavioral Sciences, (UCSBSEXPL)
 General Studies, BA (LSGNSBGS)
 History, BA (LSHISBA)
 History of Science, Ideas and Innovation, BA (LSHSIIBA)
 Integrative Social Science, BS (LSISSBS)
 Interdisciplinary Studies, BA (LSBISBIS)
 Interdisciplinary Studies (Organizational Studies), BA (LSORGBIS)
 Liberal Studies, BA (LABLSBLS)
 Organizational Leadership, BA (LSORGLBA)
 Organizational Leadership (Project Management), BA (LSORGLPMBA)
 Political Science, BS (LSPOLBS)
 Psychology, BA (LSPGSBA)
 Psychology, BS (LSPGSBS)
 Science, Technology and Society, BS (ECSTSBS)
 Technical Communication, BS (LSTECBS)
 Technical Communication (User Experience), BS (LSTECUBS)
 Interdisciplinary Arts & Sciences, New College of
 Applied Computing, BS (ASACOBBS)
 Applied Computing (Cybersecurity), BS (ASACOCBS)
 Applied Mathematics, BS (ASMATBS)
 Applied Science, BAS (ASBASBAS)
 Biology, BA (ASLSCBA)
 Biology, BS (ASLSCBS)
 Biology (Environmental Science), BS (ASLSCEBS)
 Biology (Forensics), BS (ASLSCFBS)
 Biology (Pharmacology/Toxicology), BS (ASLSCPBS)

Biotechnology and Bioenterprise, BS (ASBITEBS)
 Communication, BA (ASCOMMBA)
 Communication, BS (ASCOMMBS)
 Computational Forensics, BS (ASCPFBBS)
 Conflict Resolution, BA (ASCNRBA)
 Disability Studies, BA (ASDISASBA)
 English, BA (ASENGBA)
 English (Secondary Education), BA (ASENGSEBA)
 Environmental Science, BA (ASENVBA)
 Environmental Science, BS (ASENVBS)
 Exploratory Applied Computing, Mathematics and Technology, (ASACMTEXPL)
 Exploratory Health and Life Sciences, (ASHSCIEXPL)
 Exploratory Humanities, Fine Arts and Design, (ASHUFAEXPL)
 Exploratory Social and Behavioral Sciences, (ASSBSEXPL)
 Forensic Science, BS (ASFOREBS)
 History, BA (ASHISBA)
 History (Secondary Education), BA (ASHISSEBA)
 Interdisciplinary Arts and Performance, BA (ASIAPBA)
 Interdisciplinary Arts and Sciences, BA (ASIASBA)
 Latin American Studies, BA (ASLASBA)
 Pharmacology and Toxicology, BS (ASPTXBS)
 Philosophy, Religion and Society, BA (ASRELBA)
 Political Science, BA (ASPOLBA)
 Political Science, BS (ASPOLBS)
 Psychology, BA (ASPGSBA)
 Psychology, BS (ASPGSBS)
 Psychology (Forensic Psychology), BA (ASPGSFPBA)
 Psychology (Forensic Psychology), BS (ASPGSFPBS)
 Social Justice and Human Rights, BA (ASJHRBA)
 Social and Behavioral Sciences, BA (ASSBSBA)
 Social and Behavioral Sciences, BS (ASSBSBS)
 Social and Cultural Analysis (American Studies), BA (ASSCAASBA)
 Social and Cultural Analysis (Ethnicity, Race and Indigenous Studies), BA (ASSCAERBA)
 Social and Cultural Analysis (Latin American Studies), BA (ASSCALABA)
 Social and Cultural Analysis (Peace Studies), BA (ASSCAPSBA)
 Social and Cultural Analysis (Queer and Sexuality Studies), BA (ASSCAQSBA)
 Social and Cultural Analysis (Women and Gender Studies), BA (ASSCAWSBA)
 Sociology, BA (ASSOCBA)
 Sociology, BS (ASSOCBS)
 Spanish, BA (ASSPABA)
 Statistics, BS (ASSTABS)
 Women and Gender Studies, BS (ASWSTBS)

Journalism & Mass Communication, Walter Cronkite School of
 Digital Audiences, BS (CSDIGABS)
 Journalism and Mass Communication, BA (CSJMCBA)
 Mass Communication and Media Studies, BA (CSMCMSTBA)
 Sports Journalism, BA (CSSPJBA)

Liberal Arts & Sciences, The College of
 Actuarial Science, BS (LAACTBS)
 African and African American Studies, BA (LAAFRBA)

American Indian Studies, BS (LAAISBS)
 Anthropology, BA (LAASBBA)
 Anthropology, BS (LAASBBS)
 Applied Mathematics for Life and Social Sciences, BS (LAAMLBS)
 Asia Studies (East Asia), BA (LAHSTEABA)
 Asia Studies (South Asia), BA (LAHSTSABA)
 Asia Studies (Southeast Asia), BA (LAHSTSEABA)
 Asian Languages (Chinese), BA (LACHIBA)
 Asian Languages (Japanese), BA (LAJPNBA)
 Asian Pacific American Studies, BA (LAAPABA)
 Astronomical and Planetary Sciences, BS (LAASTPLSBS)
 Biochemistry, BA (LABCHBA)
 Biochemistry, BS (LABCHBS)
 Biochemistry (Medicinal Chemistry), BS (LABCHMBS)
 Biological Sciences, BS (LABSCBS)
 Biological Sciences (Biology and Society), BS (LABSCSBS)
 Biological Sciences (Biomedical Sciences), BS (LABSCMBS)
 Biological Sciences (Conservation Biology and Ecology), BS (LABSCCBS)
 Biological Sciences (Genetics, Cell and Developmental Biology), BS (LABSCGBS)
 Biological Sciences (Neurobiology, Physiology and Behavior), BS (LABSCABS)
 Biophysics, BS (LABIPHBS)
 Chemistry, BA (LACHMBA)
 Chemistry, BS (LACHMBS)
 Chemistry (Environmental Chemistry), BS (LACHMEBS)
 Civic and Economic Thought and Leadership, BA (LACELBA)
 Civic and Economic Thought and Leadership, BS (LACETLBS)
 Communication, BA (LACOMBA)
 Communication, BS (LACOMBS)
 Computational Mathematical Sciences, BS (LACMSBS)
 Earth and Environmental Studies, BA (LAEESBA)
 Earth and Space Exploration, BS (LASESBS)
 Earth and Space Exploration (Astrobiology and Biogeosciences), BS (LASESABBS)
 Earth and Space Exploration (Astrophysics), BS (LASESABS)
 Earth and Space Exploration (Exploration Systems Design), BS (LASESESDBS)
 Earth and Space Exploration (Geological Sciences), BS (LASESGSBS)
 Economics, BS (LAECNBS)
 Economics (Politics and the Economy), BS (LAECNPECBS)
 English, BA (LAENGBA)
 English (Creative Writing), BA (LAENGCBBA)
 English (Linguistics), BA (LAENGNBA)
 English (Literature), BA (LAENGTBA)
 English (Secondary Education), BA (LAENGSEBA)
 English (Writing, Rhetorics and Literacies), BA (LAENGWBA)
 Family and Human Development, BS (LAFASBS)
 Film (Film and Media Studies), BA (LAFMSBA)
 French, BA (LAFREBA)
 Geographic Information Science, BS (LAGISBS)
 Geography, BA (LAGCUBA)
 Geography, BS (LAGCUBS)
 Geography (Meteorology-Climatology), BS (LAGCUMBS)

Geography (Urban Studies), BS (LAGCUUBS)
 German, BA (LAGERBA)
 Global Health, BA (LASSHBA)
 Global Studies, BA (LASGSBA)
 History, BA (LAHISBA)
 History (Secondary Education), BA (LAHISSEBA)
 Integrated Studies, BA (LAISTBA)
 Integrated Studies, BS (LAISTBS)
 International Letters and Cultures, BA (LASLCBA)
 International Letters and Cultures (Arabic Studies), BA (LASLCASBA)
 International Letters and Cultures (Classical Civilization), BA (LASLCVBA)
 International Letters and Cultures (Classics), BA (LASLCCBA)
 Italian, BA (LAITABA)
 Jewish Studies, BA (LAJSTBA)
 Justice Studies, BA (LAJUSBA)
 Justice Studies, BS (LAJUSBS)
 Mathematics, BA (LAMATBA)
 Mathematics, BS (LAMATBS)
 Mathematics (Secondary Education), BS (LAMATSBS)
 Mathematics (Statistics), BS (LAMATTBS)
 Microbiology, BS (LAMICBS)
 Microbiology (Medical Microbiology), BS (LAMICMBS)
 Molecular Biosciences and Biotechnology, BS (LAMBBBS)
 Neuroscience, BS (LABMENBS)
 Philosophy, BA (LAPHIBA)
 Philosophy (Morality, Politics and Law), BA (LAPHIMPBA)
 Physics, BA (LAPHYBA)
 Physics, BS (LAPHYBS)
 Physics (Secondary Education), BS (LAPHYSEBS)
 Political Science, BA (LAPOSBA)
 Political Science, BS (LAPOSBS)
 Politics and the Economy, BS (LAPECBS)
 Psychology, BA (LAPGSBA)
 Psychology, BS (LAPGSBS)
 Psychology (Psychological Science), BS (LAPGSPSBS)
 Religious Studies, BA (LARELBA)
 Religious Studies (Religion, Culture and Public Life), BA (LARELCPBA)
 Religious Studies (Religion, Politics and Global Affairs), BA (LARELPGBA)
 Russian, BA (LARUSBA)
 Sociology, BS (LASOCBS)
 Spanish, BA (LASPABA)
 Technological Leadership, BS (LATECLDRBS)
 Transborder Chicana/o and Latina/o Studies (Media and Expressive Culture), BA (LATCLMBA)
 Transborder Chicana/o and Latina/o Studies (Transborder Community Development and Health), BA (LATCLTBA)
 Transborder Chicana/o and Latina/o Studies (US and Mexican Regional Immigration Policy and Economy), BA (LATCLUBA)
 Urban Planning, BSP (ARPUPBSP)
 Women and Gender Studies, BA (LAWSTBA)
 Nursing and Health Innovation, Edson College of
 Applied Science (Health Entrepreneurship and Innovation), BAS (NUHCIBAS)

Community Health, BS (NUCHLTBS)
 Health Care Compliance and Regulations, BS (NUHCCRBS)
 Health Care Coordination, BS (NUHCCOBS)
 Health Entrepreneurship and Innovation, BS (NUHCIBS)
 Integrative Health, BS (NUIHLTBS)
 Nursing, BSN (NUNURDBSN)
 Public Service and Community Solutions, Watts College of
 Applied Science (Emergency Management), BAS (PPEMGBAS)
 Community Advocacy and Social Policy, BA (PPCASPBA)
 Community Development, BA (PPCOMDEVBA)
 Community Sports Management, BS (PPCSMBS)
 Community Sports Management (Events), BS (PPCSMEBS)
 Criminology and Criminal Justice, BS (PPCRIMJBS)
 Nonprofit Leadership and Management, BS (PPNLMBS)
 Nonprofit Leadership and Management (American Indian Studies), BS (PPNLMAIBS)
 Parks and Recreation Management, BS (PPPRMBS)
 Parks and Recreation Management (Therapeutic Recreation), BS (PPPRMTRBS)
 Public Service and Public Policy, BS (PPPAFBS)
 Public Service and Public Policy (American Indian Studies), BS (PPPAFAISBS)
 Public Service and Public Policy (Business), BS (PPPAFBUBS)
 Public Service and Public Policy (Criminology), BS (PPPAFCBS)
 Public Service and Public Policy (Emergency Management and Homeland Security), BS (PPPAFEHBS)
 Public Service and Public Policy (Health Policy), BS (PPPAFHPBS)
 Public Service and Public Policy (Law and Policy), BS (PPPAFLPBS)
 Public Service and Public Policy (Nonprofit Leadership and Management), BS (PPPANLMBS)
 Public Service and Public Policy (Parks and Recreation Management), BS (PPPAPRMBS)
 Public Service and Public Policy (Science and Technology Policy), BS (PPPAFSTBS)
 Public Service and Public Policy (Social Services Delivery), BS (PPPAFSSBS)
 Public Service and Public Policy (Sustainability), BS (PPPAFSBS)
 Recreation Therapy, BS (PPRECTBS)
 Social Work, BSW (PPSWUSWU)
 Tourism Development and Management, BS (PPTDMBS)
 Tourism Development and Management (Meetings and Events), BS (PPTDMMEBS)
 Tourism Development and Management (Resort and Hotel Leadership), BS (PPTDMRBS)
 Tourism Development and Management (Sustainable Tourism), BS (PPTDMSBS)
 Tourism and Recreation Management, BS (PPTRMBS)
 Urban and Metropolitan Studies, BA (PPURBBA)
 Urban and Metropolitan Studies, BS (PPURBBS)
 Sustainability, School of
 Sustainability, BA (SUSUSTBA)
 Sustainability, BS (SUSUSTBS)
 Sustainable Food Systems, BS (SUSFOSYSBS)
 Teachers College, Mary Lou Fulton
 Applied Science (Early Childhood Studies), BAS (TEAPSECBAS)
 Early Childhood and Early Childhood Special Education, BAE (TEECSEBAE)
 Education Exploratory, (TEEDUEXPL)
 Educational Studies, BAE (EDSLSTBAE)
 Educational Studies (Early Childhood Education), BAE (TEESECEBAE)
 Elementary Education, BAE (TEEEDBAE)
 Elementary Education (Bilingual Education and English as a Second Language), BAE (TEDLLBAE)

Elementary Education (Science, Technology, Engineering and Mathematics), BAE (TEESTEMBAE)
Secondary Education, BAE (TESEDBAE)
Secondary Education (Biological Sciences), BAE (TEBIOBAE)
Secondary Education (Chemistry), BAE (TECHMBAE)
Secondary Education (Earth and Space Sciences), BAE (EDESSBAE)
Secondary Education (English), BAE (TEENGBAE)
Secondary Education (German), BAE (EDGERBAE)
Secondary Education (History), BAE (TEHISBAE)
Secondary Education (Mathematics), BAE (TEMATBAE)
Secondary Education (Physical Education), BAE (ECPPEBAE)
Secondary Education (Physics), BAE (EDPHYBAE)
Secondary Education (Political Science), BAE (TEPOLBAE)
Secondary Education (Spanish), BAE (TESPABAE)
Special Education (Visual Impairment), BAE (TESPEVIBAE)
Special Education and Elementary Education, BAE (TESPEBAE)

Graduate Programs

Graduate Degrees and Certificates (Program Descriptions and Requirements)

Business, W. P. Carey School of

Accountancy, MAcc (BAACCMACC)

Online Degree Search Title: Accountancy, MACC

Campus: Tempe

Program Description:

The nine-month MACC program is full-time cohort-based and delivered by the W. P. Carey School of Accountancy, highly ranked by the Public Accounting Report. The cutting-edge curriculum is structured to provide students with an in-depth working knowledge of advanced accounting topics that are most relevant in today's business environment and reviewed every year with input from accounting professionals and alumni. Esteemed faculty experts bring real-world experience into each class, giving the degree even more long-term value.

The Master of Accountancy program is designed for individuals who want to immerse themselves in full-time graduate studies, take classes during the day, and fulfill course requirements for the CPA exam in both Arizona and California. Because of the quality of the Master of Accountancy program, students gain the skills and knowledge needed to launch their accounting careers while opening the door to top hiring firms.

Concurrent Degrees:

This degree is also offered as concurrent degree program with:

Legal Studies, MLS

W. P. Carey MBA - Full-Time Program

Degree Requirements:

30 credit hours including the required capstone course (ACC 586).

Required Core (3 credit hours)

ACC 512 Advanced Auditing (3)

Electives (24 credit hours)

Culminating Experience (3 credit hours)

ACC 586 Shareholder Value Creation and Financial Statement Analysis (3)

Additional Curriculum Information

Students should see the academic unit for an approved list of elective coursework.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the W. P. Carey School of Business.

Applicants are eligible to apply to the program if they have earned a bachelor's degree in accountancy from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts of all coursework completed at institutions other than ASU
- GMAT or GRE test scores
- one letter of recommendation
- current resume
- short-answer questions
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The letter of recommendation should comment on the student's motivation, commitment, achievements, work experience, and opportunity for success in the program.

Complete application instructions may be obtained from the department's website.

Applicants must complete program prerequisites prior to admission to the program. Students should refer to the master's degree program website for a current list of required course prerequisites. Graduate-level accounting courses are only open to students admitted to the graduate program.

Contact Information:

Business, W. P. Carey School of
WPC Graduate Programs
<https://wpcarey.asu.edu/masters-programs/accounting>
MCRD 350
wpcareymasters@asu.edu
480-965-3332

Business Administration (Accountancy), PHD (BAACCTPHD)

Online Degree Search Title: Accountancy, PhD

Campus: Tempe

Program Description:

The PhD program in business administration with a concentration in accountancy allows students to develop the capability to review, analyze, conduct and publish research through a series of research seminars, theory-building and statistical coursework that supplement and complement students' abilities and desires. In addition, doctoral students participate in ongoing research projects in conjunction with faculty members in the School of Accountancy.

Degree Requirements:

84 credit hours, a written comprehensive exam, a prospectus and a dissertation.

Plan of Study

This program consists of 12 credit hours of dissertation and 72 credit hours of coursework and research. Students may not apply credit hours earned from a doctoral degree previously awarded by ASU or another institution toward their current ASU doctoral degree. However, at the academic unit's discretion, students may apply up to 30 credit hours from a previously awarded master's degree toward their doctoral plan of study.

Students work with their study committees to determine an appropriate plan of study. Common areas of functional specialization among doctoral studies include financial and managerial accounting, auditing and taxation. Within these functional areas, doctoral studies may emphasize experimental or archival research methods. All accountancy doctoral students are required to take a three-semester sequence of accountancy doctoral coursework. A maximum of 12 approved graduate credit hours may be transferred to satisfy program requirements.

Comprehensive Examinations

Upon completion of all necessary coursework on a student's approved plan of study, the academic unit may initiate the scheduling and administering of a student's comprehensive examinations. The comprehensive examinations consist of a minimum of a written exam; an oral exam may also be required, at the discretion of the academic unit.

Candidacy

Doctoral students are notified of achieving candidacy status when they receive a letter from the Dean of the Graduate College upon passing the comprehensive examinations and successfully defending the dissertation prospectus.

Dissertation Requirements

Students are required to present a dissertation to satisfy the research requirement for the doctorate degree. The dissertation is defended in an oral examination commonly known as the dissertation defense.

Students must be enrolled in at least one credit hour that appears on the plan of study or one hour of appropriate graduate-level credit, such as 795 Continuing Registration, during the semester (including a summer session) in which the student defends the dissertation.

For detailed information regarding the university's doctoral degree requirements, students should refer to the Graduate College policy and procedures for a Doctor of Philosophy.

Maximum Time Limit

Doctoral students must complete all program requirements within 10 consecutive years.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the W. P. Carey School of Business.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of a 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of a 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- GMAT scores
- portfolio
- letters of recommendation
- personal statement
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Applications are initially reviewed by a School of Accountancy doctoral committee using a portfolio approach. In addition to GMAT scores and prior academic performance, letters of recommendation and a personal statement are reviewed to ensure a good match of students' goals and the school. Recommendations for action are then made to the director of doctoral programs in the W. P. Carey School of Business who, in turn, makes recommendations to Graduate Admission Services.

Contact Information:

Business, W. P. Carey School of

Business Administration

<https://wpcarey.asu.edu/accounting-degrees>

BA 223Q

wpcareyacc@asu.edu

480-965-3631

Business Administration (Agribusiness), PHD (BAAGRIPHD)

Online Degree Search Title: Agribusiness, PhD

Campus: Polytechnic

Program Description:

As an academic discipline, agribusiness involves the application of theory and quantitative methods in economics, finance, marketing and management to issues involved in the production, distribution and marketing of food and fiber. Doctoral students of agribusiness are involved with research in the following:

- agribusiness management
- derivatives, commodity marketing and risk management
- food and fiber supply chain management
- food marketing
- food policy and promotion
- global agricultural trade and policy
- strategic marketing by food retailers

The interdisciplinary PhD program in business administration with a concentration in agribusiness produces scholars trained in the latest methods of business and economic analysis who will emerge on the forefront of problem-solving in a vital sector of the global economy. Agribusiness graduates are expected to assume teaching and research positions at top-ranked research universities.

This program is offered by the W. P. Carey School of Business and the Morrison School of Agribusiness.

Degree Requirements:

84 credit hours, a written comprehensive exam, a prospectus and a dissertation.

Plan of Study

At least 30 credit hours (may include research credit) of the approved doctoral program and 12 dissertation hours must be completed after admission to the student's doctoral program. Students may not apply credit hours earned for a doctorate degree previously awarded at ASU or

another institution toward their current ASU doctorate. However, at the individual academic unit's discretion, students may apply up to 30 credit hours from a previously awarded master's degree toward their doctoral plan of study.

Agribusiness doctoral students are expected to develop a program of study consisting of three elements. They study a core of theory and quantitative methods coursework in economics and management from the Morrison School of Agribusiness. They also take advanced courses in at least one of these areas in the W. P. Carey School of Business: economics, finance, marketing, supply chain management or management. Their study also consists of a three-course sequence of doctorate-level theory and methods from the Morrison School of Agribusiness as applied to issues and concepts specific to the agribusiness sector.

The agribusiness doctorate is designed to allow flexibility with focus, so each student's program of study is unique, but is designed to produce the highest level of research competency in the student's chosen area of interest.

Comprehensive Examinations

Upon completion of all necessary coursework on a student's approved program of study, the academic unit may initiate the scheduling and administering of a student's comprehensive examinations. The comprehensive examination consists of a minimum of a written exam; at the discretion of the academic unit, an oral exam may also be required.

Candidacy

Doctoral students are notified of achieving candidacy status in a letter from the Dean of the Graduate College upon passing the comprehensive examinations and successfully defending the dissertation prospectus.

Dissertation Requirements

Students are required to present a dissertation to satisfy the research requirement for the doctorate. The dissertation is defended in an oral examination commonly known as the dissertation defense.

Students must be enrolled in at least one credit hour that appears on the plan of study or one hour of appropriate graduate-level credit (such as 795 Continuing Registration) during the semester (including summer session) in which the student defends the dissertation.

For detailed information regarding the university's doctoral degree requirements, students should refer to the Graduate College Policies and Procedures.

Maximum Time Limit

Doctoral students must complete all program requirements within 10 consecutive years.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the W. P. Carey School of Business.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- official GRE general exam or GMAT scores
- personal statement
- current curriculum vitae
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Complete information on the English proficiency exams and other required documents can be found on the Graduate Admission Services website: <https://admission.asu.edu/international/graduate-apply> (<https://admission.asu.edu/international/graduate-apply>).

Applicants must submit all the items listed above to complete an application file. Incomplete files will not be reviewed or considered until complete.

An explanation of the applicant's goals should be addressed in the personal statement.

Students should see the program website for application deadlines. Late applications may still be considered for the same application term or for the next term of admission; however, the department reserves the right to deny or not review a late application.

Contact Information:

Business, W. P. Carey School of
Business Administration
<https://wpcarey.asu.edu/agribusiness-degrees/doctoral>
SANTN 230
wpcarey.morrison@asu.edu
480-727-1586

Business Administration (Business Analytics), MBA (BABUSANMBA)

Online Degree Search Title: Business Administration (Business Analytics), MBA

Campus: Tempe

Students interested in the Business Analytics concentration should apply directly to the full time W. P. Carey MBA program (<https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/BAFULLMBA/graduate/false>).

Program Description:

Students who graduate from the W. P. Carey MBA program have a foundational understanding of how to use data to drive insights that solve business challenges or help capitalize on an opportunity. The concentration in business analytics is intended to extend the student's quantitative and analytical skills, assist in their discovery of how to derive value from data, lead data-driven analyses, and create a business advantage across markets and industries. Students gain the critical skills and knowledge they need to advance on the analytic career ladder.

From smart phones to social media to the emerging "Internet of Things," companies need to manage more and more complex data every day. The business analytics concentration program seeks to capitalize on the explosion of data being captured and stored by organizations. Students develop skills in decision modeling, enterprise systems, data mining, information security and analytical decision making.

Degree Requirements:

Required Core (1.5 credit hours)

LES 582 Ethical Issues for Managers (1.5)

Concentration (12 credit hours)

CIS 505 Introduction to Enterprise Analytics (3)

CIS 508 Data Mining I (3)

SCM 518 Analytical Decision Modeling I (3)

SCM 519 Analytical Decision Modeling II (3)

Electives or Research (43.5 credit hours)

Culminating Experience (3 credit hours)

MGT 589 Strategic Management (3)

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the W. P. Carey School of Business.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:

- graduate admission application and application fee
- official transcripts

- GMAT or GRE test scores
- two letters of recommendation
- current resume
- short-answer questions
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Letters of recommendation should comment on the student's motivation, commitment, achievements, work experience and opportunity for success in the program.

A personal interview, arranged by invitation only, must be completed before an offer of admission may be made.

Applicants should see the department's website for more information.

Contact Information:

Business, W. P. Carey School of

WPC Graduate Programs

<https://wpcarey.asu.edu/mba-programs/full-time>

MCRD 352

wpcareymasters@asu.edu

480-965-3332

Business Administration (Computer and Information Systems), PHD (BAINFSYPHD)

Online Degree Search Title: Computer Information Systems, PhD

Campus: Tempe

Program Description:

The Department of Information Systems offers a computer information systems concentration within the W. P. Carey PhD in business administration. The objective of the full-time program is to prepare scholars for careers at leading research-focused educational institutions.

This program allows doctoral students to participate in ongoing research projects in conjunction with faculty members in the department. W. P. Carey faculty and doctoral students present their research at leading national and international conferences and publish their research in academic journals.

Research topics include business analytics and big data, health care IT, IT-enabled services and process innovation, information economics and strategy, security and privacy, and social media and e-commerce and mobile platforms. In addition to publishing in top information systems journals, doctoral students are often published in leading journals in other disciplines, including accounting, economics, finance, health care management, marketing, managerial decision-making, operations management and strategic management.

Degree Requirements:

84 credit hours, a written comprehensive exam, a prospectus and a dissertation.

Plan of Study

The doctoral program consists of a minimum of 84 credit hours of graduate-level coursework beyond the bachelor's degree. A minimum of 42 credit hours of doctoral coursework and 12 credit hours of dissertation credits are required to be taken at Arizona State University's Tempe campus. At the department's discretion, students may apply up to 30 credit hours from a previously awarded master's degree toward their doctoral plan of study.

Students work with their program committees to determine an appropriate plan of study. Common areas of specialization for doctoral studies include:

- business analytics and big data
- health care information technology

- information economics and strategy
- IT-enabled services and process innovation
- security and privacy
- social media, e-commerce and mobile platforms

Comprehensive Examinations

Upon completion of all necessary coursework on a student's approved plan of study, the academic unit may initiate the scheduling and administering of a student's comprehensive examination. At minimum, the comprehensive examination consists of a minimum of a written exam, and an oral exam may also be required by the academic unit.

Candidacy

Doctoral students are notified of achieving candidacy status by receipt of a letter from the Dean of the Graduate College upon passing the comprehensive examinations and successfully defending the dissertation prospectus.

Dissertation Requirements

Students are required to present a dissertation to satisfy the research requirement for the doctoral degree. The dissertation is defended in an oral examination commonly known as the dissertation defense.

Students must be enrolled for at least one credit hour that appears on the plan of study or one hour of appropriate graduate-level credit (such as 795 Continuing Registration) during the semester (including summer session) in which the student defends the dissertation.

For detailed information regarding the university's doctoral degree requirements, students should refer to the Graduate College policies and procedures.

Maximum Time Limit

Doctoral students must complete all program requirements within 10 consecutive years.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the W. P. Carey School of Business.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- GMAT score
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International applicants whose native language is not English must submit scores from the TOEFL. For more information on requirements, students should review the program's website. They should also review the Graduate College website for specific ASU admission requirements.

A master's degree or MBA is recommended (30 credit hours may count toward the minimum total of 84 hours of coursework in the doctoral program). At least two years of full-time related work experience is recommended.

Doctoral students admitted to the W. P. Carey School of Business must have demonstrated competency in mathematics, strong quantitative ability, competency in the U.S. of computer technology for analytical purposes, and an undergraduate degree in a related field from an accredited university.

Applications are reviewed by the department's faculty committee using a portfolio approach. The committee reviews each individual application and examine all parts equally.

Contact Information:

Business, W. P. Carey School of
Business Administration

<https://wpcarey.asu.edu/information-systems-degrees/doctoral/overview>

BA 301P
wpcareyis@asu.edu
480-965-3252

Business Administration (Finance), PHD (BAFINANPHD)

Online Degree Search Title: Finance, PhD

Campus: Tempe

Program Description:

The primary objective of the PhD in business administration with a concentration in finance is to train students for careers as professors of finance at major research universities.

The program provides a challenging course of study in the most recent developments in both the theoretical and empirical aspects of financial economics. This course of study, along with work in economics and statistics, serves as preparation for the understanding and critical analysis of current issues in finance.

Doctoral students work with distinguished faculty who comprise one of the most productive research groups in the world. Recent surveys of research productivity rank the Department of Finance among the best in the world for research output in the top journals. The faculty produce cutting-edge empirical research in the areas of equity markets, corporate finance, organization structure, international finance, financial institutions and asset pricing. The program is relatively small, promoting faculty-student mentoring relationships; doctoral students receive personal attention.

The program seeks highly capable students with strong academic backgrounds and preferably with work experience.

Degree Requirements:

84 credit hours, a written comprehensive exam, a prospectus and a dissertation.

Plan of Study

At least 30 credit hours of the approved doctoral degree program, which may include research credit, and 12 dissertation hours must be completed after admission to the student's doctoral program. Students may not apply credit hours earned for a doctoral degree previously awarded at ASU or at another institution toward this doctoral degree. However, at the individual academic unit's discretion, students may apply up to 30 relevant credit hours from a previously awarded master's degree toward their doctoral plan of study.

Comprehensive Examinations

Upon completion of all necessary coursework on a student's approved plan of study, the academic unit may initiate the scheduling and administering of the comprehensive examination. At minimum, the examination consists of a written exam, and an oral exam also may be required by the academic unit.

Candidacy

Doctoral students are notified of achieving candidacy status when they receive a letter from the dean of the Graduate College upon passing the comprehensive examinations and successfully defending the dissertation prospectus.

Dissertation Requirements

Students are required to present a dissertation to satisfy the research requirement for the doctorate. The dissertation is defended in an oral examination commonly known as the dissertation defense.

Students must be enrolled for at least one credit hour that appears on the plan of study or for one hour of appropriate graduate-level credit (such as 795 Continuing Registration) during the semester (including summer session) in which the student defends the dissertation.

For detailed information regarding the university's doctoral degree requirements, students should refer to the Graduate College policy and procedures for the Doctor of Philosophy.

Maximum Time Limit

Doctoral students must complete all program requirements within 10 consecutive years.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the W. P. Carey School of Business.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- three academic letters of recommendation
- scores from the GMAT or GRE
- a brief statement of their career objectives
- a resume
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. The minimum TOEFL requirement is a score of 550 (PBT) or 80 (iBT). An iBT score of 26 is required on the ASU Speaking Proficiency English Assessment Kit for applicants who wish to apply for teaching associateships.

Admission to the PhD program in business administration with a concentration in finance is granted to applicants who present convincing evidence of high-order analytical skills, intellectual curiosity and the ability to work independently in pursuing scholarly research. Applicants should possess the intellectual curiosity and discipline required for original inquiry.

While many accepted students have an MBA or MS in a business-related field, others have a background in other areas, such as engineering, economics, mathematics or physics.

Contact Information:

Business, W. P. Carey School of

Business Administration

<https://wpcarey.asu.edu/finance-degrees/doctoral>

BAC 501

wpcareyfin@asu.edu

480-965-3131

Business Administration (Information Systems Management), MBA (BAISMMBA)

Online Degree Search Title: Business Administration (Information Systems Management), MBA

Campus: Tempe

Students interested in the Information Systems Management concentration should apply directly to the full time W. P. Carey MBA program (<https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/BAFULLMBA/graduate/false>).

Program Description:

In order to be effective business operators, students who graduate from the W. P. Carey MBA program must be prepared with foundational knowledge of how to manage data and enterprise information. The information systems management concentration is intended to extend this foundational knowledge that all students receive, by building additional technical skills needed by business professionals who aspire to work specifically in the information technology department of the enterprise. The program educates students in the strategic use of technology to create shareholder value and provides them with an outstanding foundation of technical and managerial expertise. Students develop skills in enterprise modeling, database systems, electronic commerce, data warehousing and business process analysis. The information systems management concentration program prepares graduates to help shape organizations in a rapidly changing, globally competitive, technologically sophisticated environment.

Degree Requirements:

Required Core (1.5 credit hours)

LES 582 Ethical Issues for Managers (1.5)

Concentration (9 credit hours)

CIS 502 Information Systems: Digital Innovations and Transformation (3)

CIS 510 Business Process and Workflow Analysis (3)

CIS 545 Managing Enterprise Systems (3)

Electives or Research (46.5 credit hours)

Culminating Experience (3 credit hours)

MGT 589 Strategic Management (3)

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the W. P. Carey School of Business.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:

- graduate admission application and application fee
- official transcripts
- GMAT or GRE test scores
- two letters of recommendation
- current resume
- short-answer questions
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Letters of recommendation should comment on the student's motivation, commitment, achievements, work experience and opportunity for success in the program.

A personal interview, arranged by invitation only, must be completed before an offer of admission may be made.

Applicants should see the department's website for more information.

Contact Information:

Business, W. P. Carey School of
WPC Graduate Programs
<https://wpcarey.asu.edu/mba-programs/full-time>
MCRD 352
wpcareymasters@asu.edu
480-965-3332

Business Administration (Management), PHD (BAMGMTPHD)

Online Degree Search Title: Management, PhD

Campus: Tempe

Program Description:

The Department of Management and Entrepreneurship offers students the opportunity to obtain a PhD in business administration with a concentration in management. The doctoral program places primary emphasis on the development of research competence and also emphasizes teaching as a vehicle to academic professionalism. It is not intended for those seeking careers in industry or consulting.

The mission of the program is the development of scholars who are prepared to assume the diverse responsibilities of faculty positions at leading research universities. Although management is a broad field, this doctoral program is best suited for students interested in specializing in organizational behavior, strategic management or organization theory.

Degree Requirements:

84 credit hours, a written comprehensive exam, a prospectus and a dissertation.

Plan of Study

At least 30 credit hours of the approved doctoral program, which may include research credit, and 12 dissertation hours must be completed after admission to the doctoral program. Students may not apply credit hours earned for a doctoral degree previously awarded at ASU or another institution toward their current ASU doctoral degree. However, at the individual academic unit's discretion, students may apply up to 30 credit hours from a previously awarded master's degree toward their doctoral plan of study.

Doctoral students are required to commit full time to the program, at least until they have successfully defended the dissertation proposal. Full-time enrollment entails a minimum of six hours of coursework in any regular academic semester. To reach a total of 84 credit hours for the program, most students enroll for nine to 12 credit hours per semester. In addition, students work closely with faculty members through a research assistantship. The program is relatively small, with an emphasis on high quality; a great deal of individual attention and mentoring is provided to students.

Comprehensive Examinations

Upon completion of all necessary coursework on a student's approved plan of study, the academic unit may initiate the scheduling and administering of a student's comprehensive examinations. The comprehensive examinations consist of a minimum of a written exam and, at the discretion of the academic unit, an oral exam may also be required.

Candidacy

Doctoral students are notified of achieving candidacy status when they receive a letter from the dean of the Graduate College upon passing the comprehensive examinations and successfully defending the dissertation proposal.

Dissertation Requirements

Students are required to present a dissertation to satisfy the research requirement for the doctorate. The dissertation is defended in an oral examination commonly known as the dissertation defense.

Students must be enrolled for at least one credit hour that appears on the plan of study or one hour of appropriate graduate-level credit (such as MGT 795 Continuing Registration) during the semester (including summer sessions) in which the student defends the dissertation.

Maximum Time Limit

Doctoral students must complete all program requirements within 10 consecutive years.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the W. P. Carey School of Business.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- GMAT scores
- prior academic performance records
- three letters of recommendation
- a personal statement
- employment summary
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Applications are initially reviewed by a faculty committee using a portfolio approach. Materials are reviewed to ensure a good fit between students' goals and research interests and those of the department. Graduate Admission Services admits or denies each applicant and notifies them in writing.

Contact Information:

Business, W. P. Carey School of

Business Administration
https://wpcarey.asu.edu/management-degrees/doctoral
BA 323
wpcareymgt@asu.edu
480-965-3431

Business Administration (Marketing), PHD (BAMARKPHD)

Online Degree Search Title: Marketing, PhD

Campus: Tempe

Program Description:

Each doctoral student receives a comprehensive, broad-based education in marketing concepts and research techniques.

Further, students at ASU have the ability to specialize in one of three research domains: consumer behavior, quantitative marketing models, or service strategy. Students do not need to declare a specialization during the application process, but if known, applicants can indicate their intended specialized direction of study. It is expected that by the end of their first year students will commit to one of these three domains.

This program is not intended for people who want to work in industry positions. It is a full-time program only. All students complete a core curriculum yet tailor their work to achieve personal goals. The program is typically completed in five years.

Degree Requirements:

84 credit hours, a written comprehensive exam, a prospectus and a dissertation.

Plan of Study

At least 30 credit hours of the approved doctoral program, which may include research credit, and 12 dissertation hours must be completed after admission to the doctoral program. A student may not apply credit hours earned for a doctoral degree previously awarded at ASU or another institution toward their current ASU doctoral degree. However, at the academic unit's discretion, a student may apply up to 30 credit hours from a previously awarded master's degree toward their doctoral plan of study.

Comprehensive Examinations

Upon completion of all necessary coursework on a student's approved plan of study, the academic unit may initiate the scheduling and administering of a student's comprehensive examinations. The comprehensive examinations consist of a minimum of a written exam and, at the discretion of the academic unit, an oral exam may also be required.

Candidacy

Doctoral students are notified of achieving candidacy status when they receive a letter from the dean of the Graduate College upon passing the comprehensive examinations and successfully defending the dissertation proposal.

Dissertation Requirements

Students are required to present a dissertation to satisfy the research requirement for the doctorate. The dissertation is defended in an oral examination commonly known as the dissertation defense.

Students must be enrolled for at least one credit hour that appears on the plan of study or one hour of appropriate graduate-level credit, such as MKT 795 Continuing Registration, during the semester (including summer session) in which the student defends the dissertation.

Students should refer to the Graduate College policies and procedures for detailed information regarding the university's doctoral degree requirements.

Maximum Time Limit

Doctoral students must complete all program requirements within 10 consecutive years. Any exception must be approved by the supervisory committee and the dean of the Graduate College.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the W. P. Carey School of Business.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee

- official transcripts
- GMAT or GRE scores
- prior academic performance records
- letters of recommendation
- a personal statement
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Applications are initially reviewed by a faculty committee using a portfolio approach. Materials are reviewed to ensure a good fit between the student's goals and research interests and those of the department. Recommendations for action are then made to Graduate Admission Services, which admits or denies each applicant and notifies them in writing.

Contact Information:

Business, W. P. Carey School of

Business Administration

<https://wpcarey.asu.edu/marketing-degrees/doctoral>

BAC 460

wpcareymkt@asu.edu

480-965-3621

Business Administration (Supply Chain Management), PHD (BASCMPHD)

Online Degree Search Title: Supply Chain Management, PhD

Campus: Tempe

Program Description:

Supply chain management incorporates the core areas of logistics management, operations management and supply management. The PhD program in business administration with a concentration in supply chain management is a full-time residential program for students whose career goals are full-time university research and teaching. The curriculum guides students in conducting high-quality research and teaching at the university level.

Students are trained to develop the capability to recognize problems related to supply chain management and frame these problems into research questions which are then addressed in a scholarly way, and they are required to review, analyze, conduct and publish research. They are prepared to do this through a series of doctoral seminars and research methods courses and by participating in active research projects. Students also develop their teaching skills through assignments as teaching assistants or instructors. Teaching assignments typically take place during the last two years of the program.

This program is designed to be completed in four years.

Degree Requirements:

84 credit hours, a written comprehensive exam, a prospectus and a dissertation.

The doctoral program requires the completion of coursework, the completion of academic papers for submission to journals, a comprehensive exam and a dissertation. The program is generally viewed as a four-year process. Most students serve in research assistantships for all four years. During the program, students are expected to actively participate in required courses as well as in seminars and presentations from colleagues, department faculty and visiting scholars. Students also have the opportunity to teach courses during their doctoral program. Teaching assistantships typically are made available during the last two years of the program. This allows doctoral degree students to get research projects and manuscripts into the multiyear pipeline typical of accepted research articles. Through areas of excellence, centers and the faculty, the supply chain management program has special opportunities for industry-based research projects.

Coursework

The program consists of a minimum of 84 credit hours of approved graduate coursework beyond the bachelor's degree. The department requires doctoral students to take 48 credit hours of graduate coursework in residence at ASU during their first two years. The specific classes must be approved by faculty members in the students' areas of excellence. Students are also required to take 12 hours of research and 12 hours of dissertation credit. A maximum of 12 credit hours can be transferred from previous graduate coursework. Moreover, students' plans of study must be approved in advance by their program chair.

Academic Papers

Students are expected to work on academic papers for submission to journals during their doctoral program. Summer months are intended for manuscript writing for those students who have yet to successfully defend their dissertation proposals. At the end of each summer, all doctoral students are required to have at least one new manuscript ready for submission to a journal for publication. Faculty in the areas of excellence

supervise manuscript planning and writing. The bulk of the writing is done during the summer by the students. Faculty in the students' areas of excellence evaluate the papers and provide detailed feedback and instructions for rewriting of papers.

Comprehensive Examinations

Upon completion of all necessary coursework on a student's approved plan of study, the academic unit may initiate the scheduling and administering of a student's comprehensive examinations. The comprehensive examinations consist of a minimum of a written exam and, at the discretion of the academic unit, an oral exam may also be required.

Candidacy

Doctoral students are notified of achieving candidacy status when they receive a letter from the dean of the Graduate College upon passing the comprehensive examinations and successfully defending the dissertation prospectus.

Dissertation Requirements

Students are required to present a dissertation to satisfy the research requirement for the doctorate. The dissertation is defended in an oral examination commonly known as the dissertation defense.

Students must be enrolled for at least one credit hour that appears on the plan of study or one hour of appropriate graduate-level credit (such as 795 Continuing Registration) during the semester (including a summer session) in which the student defends the dissertation.

For detailed information regarding the university's doctoral degree requirements, students should refer to the Graduate College's policies and procedures.

Maximum Time Limit

Doctoral students must complete all program requirements within 10 consecutive years.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the W. P. Carey School of Business.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of a 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of a 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- GMAT or GRE scores
- prior academic performance records
- letters of recommendation
- a personal statement
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Applications are initially reviewed by a faculty committee using a portfolio approach. Materials are reviewed to ensure a good fit between students' goals and research interests and those of the department. Recommendations for action are then made to Graduate Admission Services, which admits or denies each applicant and notifies them in writing.

Contact Information:

Business, W. P. Carey School of
Business Administration

<https://wpcarey.asu.edu/supply-chain-management-degrees/doctoral>

BA 446

wpcarey.scm@asu.edu

480-965-6044

Business Analytics, MS (BABUSANMS)

Online Degree Search Title: Business Analytics, MS

Campus: Tempe, Online

Program Description:

Delivered by the highly ranked W. P. Carey Departments of Information Systems and Supply Chain Management, the STEM-designated MS program in business analytics builds on quantitative skills and knowledge needed to advance on the analytics career ladder. The rapid emergence of big data impacts every part of the global economy, making business analytics specialists one of the fastest-growing careers in the economy. Students discover how to derive value from data, lead data-driven analyses and create a business advantage across markets and industries.

Two pathways are available for the master's degree program in business analytics. One pathway is designed for individuals who want to immerse themselves in full-time graduate studies. This program is designed for working professionals seeking to continue working full time while attending school. The other is a nine-month pathway with a lock-step curriculum that consists of quarter-based courses and semester-long courses. The culminating experience delivers real-world experience and develops communication and leadership abilities.

Concurrent Degrees:

This degree is also offered as concurrent degree program with W. P. Carey MBA - Full-Time Program

Degree Requirements:

30 credit hours including the required applied project courses (SCM 593 and CIS 593).

Required Core (6 credit hours)

CIS 508 Data Mining I (3)

SCM 517 Data-Driven Quality Management (3)

Restricted Electives (21 credit hours)

CIS 505 Introduction to Enterprise Analytics (3)

CIS 509 Data Mining II (3)

CIS 515 Business Analytics Strategy (3)

CIS 560 IT Services and Project Management (3)

MKT 591 Topic: Marketing Analytics (3)

SCM 516 Introduction to Applied Analytics (3) or WPC 501 Statistics for Business (2.5)

SCM 518 Analytical Decision Modeling I (3) or SCM 515 Decision Models for Supply Chain Management (3)

SCM 519 Analytical Decision Modeling II (3)

SCM 587 Project Management (3)

Culminating Experience (3 credit hours)

CIS 593 Applied Project (1.5)

SCM 593 Applied Project (1.5)

Additional Curricular Information

Students choose courses totaling at least 21 credit hours from the restricted electives list. If approved by the academic unit, other courses may be used.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the W. P. Carey School of Business.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- GMAT or GRE test scores
- one letter of recommendation
- current resume
- short-answer questions
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The letter or recommendation should comment on the student's motivation, commitment, achievements, work experience and opportunity for success in the program.

Complete application instructions may be obtained from the department website.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/graduate/master-science-business-analytics/>)

Contact Information:

Business, W. P. Carey School of
WPC Graduate Programs
<https://wpcarey.asu.edu/masters-programs/business-analytics>
MCRD 350
wpcareymasters@asu.edu
480-965-3332

Economics, PHD (BAECONPHD)

Online Degree Search Title: Economics, PhD

Campus: Tempe

Program Description:

The PhD program in economics provides rigorous training in microeconomic theory, macroeconomic theory, applied economics and econometrics. Additionally, students may select a primary area of specialization for study:

- applied microeconomics
- econometrics
- economic theory
- environmental and resource economics
- financial economics
- macroeconomics

This full-time doctoral program prepares students for teaching and research positions at four-year institutions of higher education and for research positions in public agencies or private business organizations.

The program is relatively small in size, with about 45 doctoral students in residence at any time. This low student-to-faculty ratio affords greater faculty attention and mentoring than larger programs. Students become valued members of the department, involved in teaching, research and seminar activities.

Degree Requirements:

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

In addition to completing 60 credit hours beyond the bachelor's degree (30 credit hours beyond the master's degree) and 24 credit hours of research and dissertation, the doctoral student must accomplish five tasks:

- meet the qualifying examination requirement
- present at least one area of emphasis
- pass the comprehensive examination (both written and oral components)
- pass the dissertation proposal defense
- complete a dissertation with an oral defense

Students should see the Department of Economics graduate student handbook for details concerning these tasks.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the W. P. Carey School of Business.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- GRE scores

- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The Department of Economics requires applicants to send official scores from the GRE directly to Graduate Admission Services. Applications are not reviewed until the GRE scores are received.

The admission policy weighs several factors, including letters of reference, overall GPA, GRE scores and performance in selected mathematics and economics courses. There are no absolute standards for any of the factors, but performance on each clearly should suggest academic potential that is far above those of the normal undergraduate student.

Admission guidelines are available on the Graduate Admission Services website. Applicants should see the program website for application deadlines and admission terms.

Contact Information:

Business, W. P. Carey School of
 Department of Economics
<https://wpcarey.asu.edu/economics-degrees/doctoral>
 CPCOM 412
 econ.phd@asu.edu
 480-965-3531

Finance, MS (BAFINMS)

Online Degree Search Title: Finance, MS

Campus: Tempe

Program Description:

In only nine months, students in the MS program in finance develop deep expertise in corporate finance and asset or portfolio management and are equipped with the tools needed to manage complex financial institutions.

Faculty members bring cutting-edge research and decades of real-world experience into the classroom. A lock-step course format allows students to build on concepts throughout the program. A curriculum aligned with CFA Program Candidate Body of Knowledge prepares students to sit for the CFA exams and become a Chartered Financial Analyst®.

Curriculum, schedule and format, faculty and a top-ranked business school: It all adds up to a degree with real value. The W. P. Carey Master of Science in finance delivers the financial qualifications increasingly sought by employers within the corporate finance industry.

Concurrent Degrees:

This degree is also offered as concurrent degree program with W. P. Carey MBA - Full-Time Program

Degree Requirements:

32 credit hours including a capstone course (FIN 575).

Required Core (26-27 credit hours)

- ACC 502 Financial Performance Reporting and Analysis (2.5 or 3)
- FIN 502 Finance: The Art of Managing Resources to Create Value (2.5 or 3)
- FIN 509 Quantitative Methods in Finance I (3)
- FIN 525 Investment Strategies (2.5)
- FIN 530 Derivatives (2.5)
- FIN 535 Financial Statistics (3)
- FIN 545 Advanced Corporate Finance (2.5)
- FIN 550 Fixed Income (2.5)
- FIN 560 International Finance (2.5)
- FIN 565 Risk Management in Banks and Financial Institutions (2.5)

Other Requirement (2.5 credit hours)

- FIN 555 Entrepreneurial Finance (2.5) or FIN 591 Topic: Artificial Intelligence and Machine Learning Applications in Finance (2.5)

Electives (0-1 credit hours)

Culminating Experience (2.5 credit hours)
FIN 575 Finance Capstone (2.5)

Additional Curriculum Information

To account for the difference in the numbers of credit hours offered in the core courses, one credit hour of electives may be required.

For other requirements, substitutions may be allowed with approval of the academic unit.

The schedule follows the seven-week quarterly schedule of the MBA program.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the W. P. Carey School of Business.

Applicants are eligible to apply to the program if they have earned a bachelor's or masters degree from a regionally accredited institution in business and management, economics, statistics, computer science or other types of science, engineering, technology and mathematics degree areas.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 credit hours or 90 quarter hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- GMAT or GRE test scores
- one letter of recommendation
- short answer questions
- current resume
- proof of English language proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

There are two main audiences for the master's degree program: first, recent undergraduates from business, economics or related majors or from programs where quantitative skills have been emphasized; and second, career advancers who have strong quantitative skills and seek to adapt those skills to be more competitive in the job market. Career advancers must be able to commit to a full-time plan of study; the program may not cater to working professionals as it is currently designed.

This program is appropriate for students who have completed undergraduate programs with quantitative underpinnings, at either ASU or other universities.

The letter of recommendation should comment on the student's motivation, commitment, achievements, work experience and opportunity for success in the program.

Complete application instructions may be obtained from the department's website.

Contact Information:

Business, W. P. Carey School of
WPC Graduate Programs
<https://wpcarey.asu.edu/masters-programs/finance>
MCRD 350
wpcareymasters@asu.edu
480-965-3332

Global Financial Management, DBA (BAGFMDBA)

Online Degree Search Title: Global Financial Management, DBA

Campus: Tempe

Program Description:

China is globalizing at an astonishing rate. This pace of change is profoundly affecting not only China's domestic situation, but also the global economy. The DBA in global financial management is an applied professional doctorate designed for senior corporate leaders and government officials in China seeking a terminal degree alternative to the traditional PhD intended for those pursuing an academic career. The leaders emerging from this program are prepared to transform China's economic structure, its financial markets and shape the future of China's leadership roles in the

global economy of the 21st-century.

All such initiatives depend on the development of human capital, for it is the catalyst for all. Hence, the Doctor of Business Administration program is designed to sustain and amplify leaders who aspire to affect transformative changes in this exciting and dynamic global environment.

Degree Requirements:

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (12 credit hours)

DBA 702 Global Financial Systems: Markets and Institutions (3)

DBA 703 Global Financial Systems-Institutional Investing (3)

DBA 705 Global Corporate Strategy (3)

DBA 708 Challenges of Corporate Finance and Governance (3)

Electives (21 credit hours)

Research (9 credit hours)

Culminating Experience (12 credit hours)

DBA 799 Dissertation (12)

Additional Curriculum Information

Thirty credit hours from a previously awarded master's degree may be applied to this degree.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the W. P. Carey School of Business.

Applicants are eligible to apply to the program if they have earned from a regionally accredited college or university of recognized standing a degree in Master of Business Administration, Master of Economics, Master of Finance, Master of Accountancy or a related field of specialization in business.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Additional Application Information

Proficiency in English is not required.

Official bachelor's and master's degree transcripts should be submitted listing all coursework in both the native language and official English translation.

This degree is offered in China only. All applicants are required to contact the program coordinator before submitting the online graduate admission application.

Contact Information:

Business, W. P. Carey School of

WPC Graduate Programs

<https://wpcarey.asu.edu/international-programs/china/english/dba/overview>

BA 304C

WPCareydba@asu.edu

480-965-1870

Global Logistics, MS (BAGLSMS)

Online Degree Search Title: Global Logistics, MS

Campus: West

Program Description:

Classes for the nine-month MS program in global logistics are offered in a full-time, weekday format. The full-time curriculum, with courses offered during the day, provides specialized knowledge and practical perspectives on global operations, logistics and multicultural approaches, thus preparing graduates for a growing career field. Students in this program have access to world-renowned faculty, motivated classmates and personalized career resources.

Degree Requirements:

30 credit hours including the required applied project course (SCM 593).

Required Core (27 credit hours)

MGT 502 Organizational Behavior (3)

SCM 502 Operations and Supply Management (3)

SCM 515 Decision Models for Supply Chain Management (3)

SCM 516 Introduction to Applied Analytics (3)

SCM 520 Strategic Procurement (3)

SCM 532 Supply Chain Cost and Design Issues (3)

SCM 541 Logistics in the Supply Chain (3)

SCM 542 Logistics, Globalization and Economic Development (3)

SCM 545 Cases in Global Logistics (3)

Culminating Experience (3 credit hours)

SCM 593 Applied Project (3)

Additional Curriculum Information

The schedule follows a combination of ASU scheduling options. Three courses will follow schedule C and has a semester-long duration. The other seven courses follow the 7.5-week quarterly schedule of the MBA program. Those courses require some online and extra class time to meet the 40 contact hours standard of The Association to Advance Collegiate Schools of Business.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the W. P. Carey School of Business.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution in business and management, computer information systems, economics and other types of global studies or similar degree areas.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 semester hours or 90 quarter hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- essays
- GMAT or GRE test scores
- one letter of recommendation
- resume
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

There are two main audiences for the master's degree program: recent undergraduates from logistics-related majors and career advancers with a background in supply chain management and operations whose skills can be expanded to include a broader global context and exposure to emerging markets. Students must be able to commit to a full-time plan of study; the program may not cater to working professionals as it is currently designed.

This program is appropriate for applicants who have strong quantitative skills and seek to adapt those skills to be more competitive in the job market.

All applicants must submit either the GMAT or GRE. For more information on GMAT, students should visit <http://www.mba.com> (<http://www.mba.com>). For GRE, they should see www.ets.org/gre (<http://www.ets.org/gre>). Applicants should expect to score above 600 on the GMAT to be competitive.

There is no requirement for a foreign language exam for this program.

Contact Information:

Business, W. P. Carey School of
WPC Graduate Programs

<https://wpcarey.asu.edu/masters-programs/global-logistics>

MCRD 350

wpcareymasters@asu.edu

480-965-3332

Information Systems Management, MS (BAINFOMS)

Online Degree Search Title: Information Systems Management, MS

Campus: Tempe, Online

Program Description:

The STEM-designated W. P. Carey MS program in information systems management delivers a cutting-edge curriculum, helping students develop critical leadership skills. The Master of Science in information systems management is tailored to fit students' schedules.

Through the latest techniques and methodologies, hands-on experience and relevant case studies, students discover how digital innovations, data analytics and information systems are transforming business.

Concurrent Degrees:

This degree is also offered as concurrent degree program with:

Legal Studies, MLS

W. P. Carey MBA - Full-Time Program

Degree Requirements:

30 credit hours including the required capstone course (CIS 575).

Required Core (3 credit hours)

CIS 565 Artificial Intelligence and Business (3)

Electives (24 credit hours)

Culminating Experience (3 credit hours)

CIS 575 Emerging Technologies (3)

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the W. P. Carey School of Business.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- resume
- short-answer questions
- two letters of recommendation
- GMAT or GRE test scores
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Applicants are expected to have two years of full-time related work experience and prerequisite college-level courses or equivalent experience in statistics, brief calculus and a programming language.

Complete application instructions may be obtained from the department's website.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/graduate/masters-management-information-systems/>)

Contact Information:

Business, W. P. Carey School of
WPC Graduate Programs
<https://wpcarey.asu.edu/masters-programs/information-management>
MCRD 350
wpcareymasters@asu.edu
480-965-3332

Innovation and Venture Development, MS (HIIVDMS)

Online Degree Search Title: Innovation and Venture Development, MS

Campus: Tempe

Program Description:

The MS program in innovation and venture development integrates the most advanced practices and technologies from business, engineering and design in a transdisciplinary, experience-based program that prepares the next generation of leaders with skills needed to launch successful ventures in any industry or sector, inside existing organizations or as new entities.

Graduates are prepared to lead cross-disciplinary teams in a world of growing uncertainty and ambiguity. They can identify needs and evaluate opportunities, generating insights from real world problems; innovate solutions; and create and launch scalable business models that provide value to all stakeholders. Founders with this innovation and venture development degree from ASU will define a new standard for venture development.

Degree Requirements:

Required Core (18 credit hours)

IVD 525 Fundamentals of Entrepreneurial Leadership (3)

IVD 560 Innovation Studio I: Discovery and Insight (3)

IVD 561 Innovation Studio II: Problem Reframing (3)

IVD 562 Innovation Studio III: Explore, Fail, Solve (3)

IVD 630 Scaling Entrepreneurial Leadership (3)

IVD 660 Innovation Studio IV: Business Model (3)

Electives or Research (6 credit hours)

Culminating Experience (6 credit hours)

IVD 661 Innovation Studio V: Scale (6)

Additional Curriculum Information

Students should see the academic unit for a list of approved elective coursework.

Admission Requirements:

Applicants must fulfill the requirements of the Graduate College, the Herberger Institute for Design and the Arts, the Ira A. Fulton Schools of Engineering and the W. P. Carey School of Business.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in business, design, engineering or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:

- graduate admission application and application fee

- official transcripts
- professional resume
- written statement
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

The applicant's written statement should describe an instance from the professional background outlining the applicant's use of innovation and entrepreneurial experience.

Contact Information:

Engineering, Ira A. Fulton Schools of
 Dean, Herberger Institute for Design and the Arts
<https://design.asu.edu/>
 CDN 162
 msivd@asu.edu
 480-965-3536

Management, MS (BACMRMS)

Online Degree Search Title: Management, MS

Campus: Tempe

ASU is not currently accepting applications for this program.

Program Description:

Arizona State University's MS in management, offered by the W. P. Carey School of Business, is an innovative business degree program providing new liberal arts, science, engineering and other nonbusiness graduates with the intellectual and professional skills needed to succeed in today's business environment. This one-year program is designed to develop critical-thinking skills as applied to fundamental business procedures and processes, as well as leadership skills. It is also designed to bridge the gap between academic preparation and real-world business applications.

Designed for graduates of nonbusiness programs with fewer than two years of work experience, students will have the capability and motivation to rapidly progress in any profession where business plays an important role. The management program differs substantially from a traditional MBA program in that no work experience is required for admission and the coursework is completed in one year, giving a broad overview of the essentials of managerial decision-making.

Three distinct components of the Master of Science program in management prepare students to immediately add value and lead in all types of business environments: core business courses that deliver necessary business skills through integrative cases, project-based learning and teamwork; leadership courses that develop understanding of strategic vision, instituting change, information systems, and the role and importance of sustainability; and a culminating experience that bridges the gap between academic learning and real-world business application.

Concurrent Degrees:

This degree is also offered as concurrent degree program with Legal Studies, MLS

Degree Requirements:

36 credit hours including the required applied project course (MGT 593).

Required Core (28.5 credit hours)

- ACC 501 Basics of Financial Performance Reporting and Analysis (1.5)
- ACC 504 Basics of Internal Measures of Success: Managerial Accounting (1.5)
- ECN 504 Basics of Decisions, Market Structure and Games: Managerial Economics (3)
- FIN 501 Basics of Finance: The Art of Managing Resources to Create Value (3)
- LES 586 Basics of Ethical Issues for Managers (1.5)
- MGT 501 Basics of Leading People, Teams and Organizations: Org Theory (3)
- MGT 528 Basics of Mastering the Art of Influence and Negotiations (3)
- MGT 586 Basics of Sources of Competitive Advantage I (1.5)
- MKT 501 Basics of Create and Deliver Customer Value: Marketing Management (3)
- SCM 501 Basics of Operations and Supply Management (3)

SCM 587 Project Management (1.5)
WPC 504 Basics of Understanding Facts: Statistics for Managers (3)

Other Requirements (3 credit hours)
MGT 591 Business Communications (1.5)
WPC 594 Job Search Strategies (1.5)

Culminating Experience (4.5 credit hours)
MGT 593 Applied Project Consulting Project Capstone (3) AND
MGT 593 Applied Project Consulting Project Lab (1.5)

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the W. P. Carey School of Business.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.0 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.50 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- GRE or GMAT test scores
- one letter of recommendation
- current resume
- short-answer questions
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The letter of recommendation should comment on the student's motivation, commitment, achievements, work experience and opportunity for success in the program.

Complete application instructions may be obtained from the department's website.

Contact Information:

Business, W. P. Carey School of
WPC Graduate Programs
<https://wpcarey.asu.edu/masters-programs>
MCRD 350
wpcareymasters@asu.edu
480-965-3332

Management, MS (BAMCCMS)

Online Degree Search Title: Management in China/Corporate, MS

Campus: Tempe

Program Description:

The W. P. Carey School of Business at Arizona State University is directly involved in the development of top leadership in China. The MS custom corporate program in China is designed for participants of a single company in China. Upon successful completion of the program curriculum, a participant is granted an ASU Master of Science degree in management through the W. P. Carey School of Business.

The curriculum is designed to leverage participants' existing strengths in a chosen management concentration and it provides intensive knowledge on managerial decision-making and strategic formulation. Accordingly, the curriculum is designed with a strong transdisciplinary focus while achieving cycle time efficiency. At the core of the curriculum delivery is emphasis on practical applications with direct business connectivity. A noteworthy feature of the curriculum is its integration of global practices and local market characterizations to enable participants' ability to excel in the modern economy.

The hallmarks of prestigious programs include two key elements: the faculty and the students. No other master of science program in China offers a more impressive list of faculty or students than the W. P. Carey China program. The faculty includes renowned faculty from W. P. Carey School of

Business as well as from other prestigious American business schools.

Degree Requirements:

36 credit hours including the required capstone course (MGT 588).

The curriculum consists of 12 courses, concentrating on management. It is a world-class master's degree program with immersion in financial accounting, managerial finance, statistics and economics, marketing management, organizational theory and behavior, human resources management, supply chain management and information technology management.

All students must successfully complete the comprehensive requirement for Master of Science graduates established by the W. P. Carey School of Business and the Graduate College. As a lock-step program, there will be no opportunities for participants to make up missed courses or to substitute courses. Therefore, students must complete all 12 courses before graduation with a grade of "B" or higher (3.00 on a scale of 4.00) for each course to satisfy the comprehensive requirement. A thesis is not required.

Admission Requirements:

The Master of Science custom corporate program in China requires that students be nominated into the program by the company, and it is only delivered in China. Applicants are required to contact the program coordinator before submitting the online graduate admission application.

Contact Information:

Business, W. P. Carey School of
WPC Graduate Programs
<https://wpcarey.asu.edu/international-programs/china/english>
MCRD 375DD
WPCareyMiMChina@asu.edu
480-965-4203

Real Estate Development, MREDev (ARREMREDEV)

Online Degree Search Title: Real Estate Development, MRED

Campus: Tempe

Program Description:

Arizona State University's MRED is one of the leading programs offered through the nationally ranked and recognized W. P. Carey School of Business, in partnership with Sandra Day O'Connor College of Law, the Herberger Institute for Design and the Arts and the Del E. Webb School of Construction. The program offers a true transdisciplinary approach to real estate development education through a full-immersion curriculum that explores the development process in its entirety.

In only nine months, the W. P. Carey Master of Real Estate Development program prepares students to lead real development projects that are environmentally respectful, socially responsible and artfully designed. Small class sizes provide opportunities for peer interaction, and a number of synthesis projects cover the entire spectrum of development, preparing students for roles throughout the industry. Students explore the development process in its entirety and strengthen their management toolkits.

During the one-year program, students learn how to locate, analyze and consider the physical, legal, economic, political and financial conditions impacting the use of property and the critical analysis required for a successful project. Graduates of the program are prepared to undertake mid- and senior-level management responsibility for small to large development and investment companies.

Concurrent Degrees:

This degree is also offered as concurrent degree program with Legal Studies, MLS

Degree Requirements:

36 credit hours including the required capstone course (RED 515).

While there are no business course prerequisites, potential students must demonstrate strong quantitative ability and effective written and oral communication skills.

The program is offered in an intense format covering two academic semesters. Students take required core course modules in a variety of formats, including:

- comprehensive module exams to assess aggregate knowledge
- face-to-face classroom instruction
- group work

- independent research
- synthesis projects
- topical quizzes
- weekly assignments

The business school does not accept graduate credits earned while students are in nondegree status or from courses taken prior to admission to the program or taken while enrolled in another program outside the W. P. Carey School of Business.

There is no foreign language requirement.

There is no thesis requirement.

All students must successfully complete the final synthesis project requirement established by the W. P. Carey School of Business and the Graduate College for the Master of Real Estate Development. The comprehensive culminating experience is integrated with RED 515 Capstone Project: Mixed Use Property Development. Students passing this course with a grade of "B" (scale is 4.00 = "A") or higher satisfy the culminating experience requirement.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the W. P. Carey School of Business.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts of all coursework completed at institutions other than ASU
- GMAT or GRE test scores
- one letter of recommendation
- current resume
- short answer questions
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

MCAT or LSAT scores can be accepted in lieu of GMAT or GRE scores.

The letter of recommendation should comment on the student's motivation, commitment, achievements, work experience and opportunity for success in the program.

Complete application instructions may be obtained from the department's website.

Contact Information:

Business, W. P. Carey School of
 WPC Graduate Programs
<https://wpcarey.asu.edu/masters-programs/real-estate-development>
 MCRD 350
 wpcareymasters@asu.edu
 480-965-3332

Supply Chain Management, MS (BASCMMMS)

Online Degree Search Title: Supply Chain Management, MS

Campus: Online

Program Description:

The MS program in supply chain management prepares students for advancement in supply chain management careers across a broad diversity of industries and functions or to pursue careers in management, consulting, business development and supply chain management information technology.

The program provides an understanding of the role the supply chain manager can play in an enterprise supply chain and in the overall strategy. The program exposes students to leading supply chain management operating practices, analysis methods, technology applications and strategy development.

Degree Requirements:

30 credit hours including the required capstone course (SCM 551).

Required Core (3 credit hours)

SCM 520 Strategic Procurement (3)

Electives or Research (24 credit hours)

Culminating Experience (3 credit hours)

SCM 551 Operations Planning and Execution (3)

Additional Curriculum Information

Students choose elective and research coursework from a restricted list. Students should see the academic unit for the approved course list. Other coursework may be used with approval of the academic unit.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the W.P. Carey School of Business.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in business, engineering or sciences (such as math or statistics) or related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

To be eligible for this program, applicants must have successfully completed the MITx MicroMasters® program in Supply Chain Management with an 80% or better: <https://www.edx.org/micromasters/mitx-supply-chain-management> (<https://www.edx.org/micromasters/mitx-supply-chain-management>)

Applicants are required to submit:

- graduate admission application and application fee
- official transcripts
- letter of recommendation
- letter of intent or written statement
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Complete application instructions may be obtained from the department's website.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/graduate/supply-chain-management-ms/>)

Contact Information:

Business, W. P. Carey School of

Department of Supply Chain Management

<https://wpcarey.asu.edu/masters-programs>

BA 445

wpcareymasters@asu.edu

480-965-3332

Supply Chain Management (certificate), Certificate (BASCMCERT)

Online Degree Search Title: Supply Chain Management (Graduate Certificate)

Campus: Online

ASU is not currently accepting applications for this program.

Program Description:

The certificate program in supply chain management is composed of courses with content that is tightly integrated and offers a comprehensive coverage of core topics in supply chain management.

The intended audiences for this certificate include working professionals who are graduates of general management undergraduate or graduate business programs who wish to supplement their degrees with focused, graduate-level courses in supply chain management. Students are either relatively new to supply chain management and desire a foundational knowledge of supply chain management complexities as well as a strong understanding of how companies leverage their supply chains to achieve competitive advantage, or they are experienced supply chain management professionals who wish to update their knowledge of current thinking and best practices through interaction with faculty engaged in broad-based research and consulting.

Degree Requirements:

15 credit hours including the required capstone course (SCM 532).

Required Core (12 credit hours)

SCM 502 Operations and Supply Management (3)

SCM 520 Strategic Procurement (3)

SCM 521 Supply Management and Negotiation (3)

SCM 541 Logistics in the Supply Chain (3)

Culminating Experience (3 credit hours)

SCM 532 Supply Chain Cost and Design Issues (3)

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the W. P. Carey School of Business.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of a 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of a 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- evidence of a minimum of two years of full-time work experience
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Contact Information:

Business, W. P. Carey School of

WPC Graduate Programs

<https://wpcarey.asu.edu/supply-chain-management-degrees>

MCRD 350

wpcareymasters@asu.edu

480-965-3332

Supply Chain Management and Engineering, MS (BASCMEMS)

Online Degree Search Title: Supply Chain Management and Engineering, MS

Campus: Online

ASU is not currently accepting applications for this program.

Program Description:

The MS in supply chain management and engineering is a two-year, 30 credit hour program for working professionals in supply chain management, industrial engineering or a related field. The program consists of 15 credit hours of courses from the Department of Supply Chain Management in the W. P. Carey School of Business and 15 credit hours from the industrial engineering program in the School of Computing, Informatics and Decision Systems Engineering in the Ira A. Fulton Schools of Engineering.

Most students have an undergraduate degree in a technical field, such as business, engineering or science. The objective is twofold: to provide students with knowledge of the fundamental foundations across the full spectrum of supply chain management functions and to provide them with the ability to use state-of-the-art engineering tools to analyze, control and optimize modern supply chains.

Degree Requirements:

30 credit hours including the required applied project course (SCM 593).

Required Core (27 credit hours)

Culminating Experience (3 credit hours)

SCM 593 Applied Project (3)

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the W. P. Carey School of Business.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of a 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of a 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- resume
- GMAT or GRE test scores
- personal statement
- one letter of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The W. P. Carey School of Business and the Ira A. Fulton Schools of Engineering seek exceptional individuals who are working supply chain professionals or are in closely related fields. Applicants must be highly motivated and have strong intellectual capabilities. The admission committee looks for outstanding academic credentials, character qualities such as maturity, integrity and leadership, and diversity in perspectives and experiences.

Contact Information:

Business, W. P. Carey School of

WPC Graduate Programs

<https://wpcarey.asu.edu/masters-programs>

MCRD 350

wpcareymasters@asu.edu

480-965-3332

Taxation, MTax (BATAMTAX)

Online Degree Search Title: Taxation, MTax

Campus: Tempe

Program Description:

The nine-month MTax program is delivered by the W. P. Carey School of Accountancy and is highly ranked by the Public Accounting Report. The cutting-edge curriculum is structured to provide students with an in-depth working knowledge of the highly technical and demanding skills required to provide tax and business advice in the private and public sectors. Esteemed faculty experts bring real-world experience into each class, giving the degree even more long-term value.

The Master of Taxation program is designed for individuals who want to immerse themselves in full-time graduate studies, take classes during the day and fulfill course requirements for the CPA exam in Arizona and in California. Because of the quality of the Master of Taxation program, students gain the skills and knowledge needed to launch their careers, while opening the door to top hiring firms.

Concurrent Degrees:

This degree is also offered as concurrent degree program with:

- Legal Studies, MLS
- W. P. Carey MBA - Full-Time Program

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Accountancy, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

30 credit hours including the required capstone course (ACC 589).

The Master of Taxation program is a nine-month, full-time, lock-step program that offers classes during the day and is completed in one academic year. Applicants must complete program prerequisites prior to admission to the program. Students should refer to the W. P. Carey graduate programs website for a current listing of required course prerequisites. Graduate-level accounting courses are only open to students admitted to the graduate program.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the W. P. Carey School of Business.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- GMAT or GRE test scores
- one letter of recommendation
- current resume
- answers to short-answer questions
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The letter of recommendation should comment on the student's motivation, commitment, achievements, work experience and opportunity for success in the program.

In addition to the ASU graduate admission application, applicants also must submit all supplemental application materials required by the W. P. Carey Graduate Programs Office. Complete application instructions may be obtained from the department's website.

Contact Information:

Business, W. P. Carey School of
WPC Graduate Programs
<https://wpcarey.asu.edu/masters-programs/taxation>
MCRD 350
wpcareymasters@asu.edu
480-965-3332

W. P. Carey MBA, MBA (BACORPMBA)

Online Degree Search Title: W. P. Carey MBA - Custom Corporate Program

Campus: ASU@MexicoCity

Program Description:

The custom corporate MBA program is designed for participants from a single company. Participants are nominated to attend the program by their

company and receive a solid core curriculum with optional specializations. The custom corporate Master of Business Administration program offers flexible part-time delivery modes using online, in-person and blended courses. Possible features that can be incorporated into the custom programs are company-specific applied projects, guest teaching from corporate leaders and intensive residential sessions.

Degree Requirements:

42 credit hours including the required capstone course (MGT 589).

The custom corporate MBA program requires that students be nominated into the program by the sponsoring company.

Admission Requirements:

Applicants must submit the graduate admission application, meet the Graduate College admission requirements, and meet the guidelines established by the custom corporate Master of Business Administration program.

Contact Information:

Business, W. P. Carey School of
WPC Graduate Programs
<https://wpcarey.asu.edu/mba-programs/custom-corporate>
MCRD 460
wpcarey.execed@asu.edu
480-965-7579

W. P. Carey MBA, MBA (BAEVEAMBA)

Online Degree Search Title: W. P. Carey MBA - Fast-Track Program

Campus: Tempe

This program's name has changed effective Fall 2020. The previous name was W.P. Carey MBA - Weekend program.

Program Description:

The purpose of the W. P. Carey MBA program is to provide a solid foundation and knowledge base in the core business disciplines, to develop analytic capabilities, decision-making and leadership skill sets essential to making sound business decisions. The curriculum is delivered in a case-based, team-oriented and discussion learning environment. Elective courses provide additional depth and breadth to enhance an area of emphasis, students' knowledge base and career goals. The fast-track Master of Business Administration program is designed for working professionals seeking to continue working full-time while attending school.

The Master of Business Administration program is supported by each of the eight academic units within the W. P. Carey School of Business.

Degree Requirements:

30 credit hours including the required capstone course (MGT 589).

Required Core (3 credit hours)

LES 582 Ethical Issues for Managers (3)

Electives and research (24 credit hours)

Culminating Experience (3 credit hours)

MGT 589 Strategic Management (3)

Additional Curriculum Information

While there are no business course prerequisites, potential students must demonstrate strong quantitative ability and effective written and oral communication skills.

The business school does not accept graduate credits earned while students are in nondegree status or courses taken prior to admission to the Master of Business Administration program or taken while enrolled in another Master of Business Administration program outside the W. P. Carey School of Business. Registration in school of business courses numbered 501 and above is limited to students who have been admitted to a graduate degree program and have the approval of the MBA program office.

The core course is designed to provide a foundation in business knowledge and skills. Elective courses build upon the business core and center on the further development of an optional area of emphasis. There may be additional requirements that vary by area of emphasis.

All students must successfully complete the comprehensive exam requirement established by the school of business and the Graduate College for the Master of Business Administration. The comprehensive exam is integrated with the MGT 589 Strategic Management capstone course

culminating experience. Students passing this course with a grade of "B" (scale is 4.00 = "A") or higher satisfy the comprehensive examination requirement.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the W. P. Carey School of Business.

Applicants are eligible to apply to the program if they have earned a master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- two letters of recommendation
- current resume
- essays
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The letters of recommendation should comment on the student's motivation, commitment, achievements, work experience and opportunity for success in the program.

In addition to having two years of work experience, successful applicants for the fast-track MBA will have earned a master's degree in a specific business discipline. If the previously earned master's degree is not from an AACSB-accredited school, GRE or GMAT test scores may be requested from applicant.

Applicants should see the department's website for more information.

Contact Information:

Business, W. P. Carey School of
WPC Graduate Programs
<https://wpcarey.asu.edu/mba-programs>
MCRD 350
wpcareymasters@asu.edu
480-965-3332

W. P. Carey MBA, MBA (BAEVENMBA)

Online Degree Search Title: W. P. Carey MBA - Professional Flex Program

Campus: Tempe

Program Description:

The W. P. Carey School of Business MBA program provides a solid foundation and knowledge base in the core business disciplines; students develop analytic capabilities, decision-making and leadership skill sets essential to making sound business decisions. Through a comprehensive business curriculum taught by world-renowned faculty, the W. P. Carey professional flex Master of Business Administration expands students' leadership skills and helps them immediately impact their organizations.

Classes held two evenings a week and iCourses or on-campus electives make the W. P. Carey professional flex Master of Business Administration flexible for students' busy lives. With a variety of electives and concurrent degree programs through partnership with other highly ranked ASU schools, students receive the competitive edge needed to reach their career goals. The curriculum is delivered in a case-based, team-oriented and discussion learning environment. Elective courses provide additional depth and breadth to enhance an area of emphasis, students' knowledge base and career goals.

The professional flex Master of Business Administration is designed for working professionals seeking to continue working full time while attending school. The program starts in August and is completed in 21 months.

The Master of Business Administration program is supported by each of the eight academic units within the W. P. Carey School of Business.

Concurrent Degrees:

This degree is also offered as concurrent degree program with Legal Studies, MLS

Degree Requirements:

48 credit hours including the required capstone course (MGT 589).

Required Core (3 credit hours)

LES 582 Ethical Issues for Managers (3)

Electives (42 credit hours)

Culminating Experience (3 credit hours)

Capstone: MGT 589 Sources of Competitive Advantage II (3)

Additional Curriculum Information

While there are no business course prerequisites, potential students must demonstrate strong quantitative ability and effective written and oral communication skills.

The business school does not accept graduate credits earned while students are in nondegree status or courses taken prior to admission to the Master of Business Administration program or taken while enrolled in another Master of Business Administration program outside the W. P. Carey School of Business. Registration in school of business courses numbered 501 and above is limited to students who have been admitted to a graduate degree program and have the approval of the MBA program office.

The core courses are designed to provide a foundation in business knowledge and skills and must be taken in the prescribed sequence. Elective courses build upon the business core and center on the further development of an area of emphasis. There may be additional requirements that vary by area of emphasis. The program is completed in 21 months.

All students must successfully complete the comprehensive requirement established for the Master of Business Administration by the W. P. Carey School of Business and the Graduate College. The comprehensive culminating experience is integrated with MGT 589 Sources of Competitive Advantage II. Students passing this course with a grade of "B" (scale is 4.00 = "A") or higher satisfy the comprehensive examination requirement.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the W. P. Carey School of Business.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- GMAT or GRE test scores
- two letters of recommendation
- current resume
- short-answer questions
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Letters of recommendation should comment on the student's motivation, commitment, achievements, work experience and opportunity for success in the program.

Applicants should see the department's website for more information.

Contact Information:

Business, W. P. Carey School of

WPC Graduate Programs

<https://wpcarey.asu.edu/mba-programs/part-time>

MCRD 350

wpcareymasters@asu.edu

480-965-3332

W. P. Carey MBA, MBA (BAEXECMBA)

Online Degree Search Title: W. P. Carey MBA - Executive Program

Campus: Tempe

Program Description:

Designed for executives with 10 to 15 years of experience, the Executive MBA is ranked No. 12 in the world by The Economist. The purpose of the W. P. Carey School of Business MBA program is to provide a solid foundation and knowledge base in the core business disciplines and to develop analytic capabilities and decision-making and leadership skill sets to effectively integrate decisions into the business environment.

Classes meet twice monthly on Fridays and Saturdays at ASU's Tempe campus, convenient for travel from within Arizona and surrounding states. A summer experience in Washington, D.C. and an international practicum help students see the world of business in a new way.

The executive Master of Business Administration is completed in 21 months and is supported by each of the eight academic units within the W. P. Carey School of Business.

Degree Requirements:

48 credit hours including the required capstone course (MGT 589).

Required Core (1.5 credit hours)

LES 582 Ethical Issues for Managers (1.5)

Electives and Research (43.5 credit hours)

Culminating Experience (3 credit hours)

Capstone: MGT 589 Sources of Competitive Advantage II (3)

Additional Curricular Information

While there are no business course prerequisites, potential students must demonstrate strong quantitative ability and effective written and oral communication skills.

The business school does not accept graduate credits earned while students are in nondegree status or courses taken prior to admission to the Master of Business Administration program or taken while enrolled in another Master of Business Administration program outside of the W. P. Carey School of Business. Registration in school of business courses numbered 501 and above is limited to students who have been admitted to a graduate degree program and have the approval of the MBA program office.

The executive curriculum must be taken in the prescribed sequence and is augmented by a series of lectures on thought leadership and off-site learning programs, including a business and public policy course in Washington, D.C. An additional off-site course exploring issues and strategies in the global business environment is held in partnership with an international business school. The program is completed in 21 months.

All students must successfully complete the comprehensive requirement established for the Master of Business Administration by the W. P. Carey School of Business and the Graduate College. The comprehensive culminating experience is integrated with MGT 589 Sources of Competitive Advantage II. Students passing this course with a grade of "B" (scale is 4.00 = "A") or higher satisfy the comprehensive examination requirement.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the W. P. Carey School of Business.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- current resume
- two letters of recommendation
- answers to short-answer questions
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Letters of recommendation should comment on the student's motivation, commitment, achievements, work experience and opportunity for success in the program.

A personal interview, arranged by invitation only, will be completed before an offer of admission may be made.

Applicants should see the department's website for more information.

Contact Information:

Business, W. P. Carey School of
WPC Graduate Programs
<https://wpcarey.asu.edu/mba-programs/executive>
MCRD 350
wpcareymasters@asu.edu
480-965-3332

W. P. Carey MBA, MBA (BAFULLMBA)

Online Degree Search Title: W. P. Carey MBA - Full-Time Program

Campus: Tempe

Program Description:

Powered by the new Forward Focus curriculum, the W. P. Carey full-time MBA program meets the rapid changes and new realities in business and prepares students to be adaptable in the face of the uncertainty and ambiguity of a rapidly changing global economy. Highly ranked by U.S. News & World Report, the W. P. Carey full-time Master of Business Administration prepares students for immediate success through a cutting-edge curriculum, dedicated career services and a supportive community.

In rethinking the way the world does business, the W. P. Carey School of Business is rethinking the way it is taught. This program is designed for individuals who want to immerse themselves in full-time graduate studies and take classes during the day. Small class size in the program supports individual learning, promotes student-faculty interaction and encourages personal and professional development.

The MBA curriculum is rooted in transformation of both the students and current business practices and is supported by each of the eight academic units within the W. P. Carey School of Business.

Concurrent Degrees:

This degree is also offered as concurrent degree program with:

- Accountancy, MACC
- Architecture, MArch
- Business Analytics, MS
- Finance, MS
- Information Systems Management, MS
- Juris Doctor, JD
- Legal Studies, MLS
- Taxation, MTax

Degree Requirements:

60 credit hours including the required capstone course (MGT 589).

Required Core (1.5 credit hours)

LES 582 Ethical Issues for Managers (1.5)

Electives (55.5 credit hours)

Culminating Experience (3 credit hours)

Capstone: MGT 589 Sources of Competitive Advantage I (3)

Additional Curricular Information

While there are no business course prerequisites, potential students must demonstrate strong quantitative ability as well as effective written and oral communication skills.

The business school does not accept graduate credits earned while students are in nondegree status or courses taken prior to admission to the Master of Business Administration program or taken while enrolled in another Master of Business Administration program outside of the W. P. Carey School of Business. Registration in school of business courses numbered 501 and above is limited to students who have been admitted to a

graduate degree program and have the approval of the MBA program office.

The core course is designed to provide a foundation in business knowledge. Elective or specialization courses build upon the business core and center on the further development of a specialization. There may be additional requirements that vary by specialization. The program is typically completed in two years, with a required internship in the summer between the first and second year of study.

All students must successfully complete the comprehensive requirement established for the Master of Business Administration by the W. P. Carey School of Business and the Graduate College. The comprehensive culminating experience is integrated with capstone course MGT 589 Sources of Competitive Advantage II. Students passing this course with a grade of "B" (scale is 4.00 = "A") or higher satisfy the comprehensive examination requirement.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the W. P. Carey School of Business.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- GMAT or GRE test scores
- two letters of recommendation
- current resume
- short-answer questions
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Letters of recommendation should comment on the student's motivation, commitment, achievements, work experience and opportunity for success in the program.

A personal interview, arranged by invitation only, must be completed before an offer of admission may be made.

Applicants should see the department's website for more information.

Contact Information:

Business, W. P. Carey School of
WPC Graduate Programs
<https://wpcarey.asu.edu/mba-programs/full-time>
MCRD 350
wpcareymasters@asu.edu
480-965-3332

W. P. Carey MBA, MBA (BAONLINMBA)

Online Degree Search Title: W. P. Carey MBA - Online Program

Campus: Online

Program Description:

The W. P. Carey School of Business MBA program provides a foundation and knowledge base in the core business disciplines so students develop analytic capabilities, decision-making and leadership skill sets essential to making sound business decisions.

Highly ranked by U.S. News & World Report (<https://wpcarey.asu.edu/about/rankings>) and accredited by the Association to Advance Collegiate Schools of Business (<https://wpcarey.asu.edu/about/accreditation>), the online Master of Business Administration program delivers the same course content taught by faculty members of the full-time and evening Master of Business Administration programs and students earn the same highly ranked degree.

The curriculum is delivered in a case-based, team-oriented learning environment. Elective courses provide additional depth and breadth to enhance students' knowledge base and career goals. The online Master of Business Administration is designed for working professionals seeking to continue working full time while attending school. The program starts in January and August and is completed in 21 months. With two courses at a

time and flexible elective and concurrent degree options, the W. P. Carey online MBA allows students to focus on their studies while managing careers and lives.

The Master of Business Administration program is supported by each of the eight academic units within the W. P. Carey School of Business.

Concurrent Degrees:

This degree is also offered as concurrent degree program with:

- Electrical Engineering, MSE
- Industrial Engineering, MS

Degree Requirements:

49 credit hours including the required capstone course (MGT 589).

Required Core (3 credit hours)

LES 582 Ethical Issues for Managers (3)

Electives (43 credit hours)

Culminating Experience (3 credit hours)

Capstone: MGT 589 Sources of Competitive Advantage II (3)

Additional Curriculum Information

All students must successfully complete the comprehensive requirement for the MBA established by the school of business and the Graduate College. The comprehensive culminating experience is integrated with MGT 589 Sources of Competitive Advantage II. Students passing this course with a grade of "B" (scale is 4.00 = "A") or higher satisfy the comprehensive examination requirement.

While there are no business course prerequisites, potential students must demonstrate strong quantitative ability and effective written and oral communication skills. To be successful in an online learning environment, students must also have computer proficiency and expertise in using spreadsheet, word processing and presentation software packages, email and an Internet browser.

The business school does not accept graduate credits earned while students are in nondegree status or courses taken prior to admission to the Master of Business Administration program or taken while enrolled in another Master of Business Administration program outside the W. P. Carey School of Business. Registration in school of business courses numbered 501 and above is limited to students who have been admitted to a graduate degree program and have the approval of the MBA program office.

The core course is designed to provide a foundation in business knowledge and skills. Elective courses build upon the business core and center on the further development of an area of emphasis. The program is typically completed in less than two years.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the W. P. Carey School of Business.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable masters degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- GMAT or GRE test scores
- two letters of recommendation
- current resume
- short-answer questions
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Letters of recommendation should comment on the student's motivation, commitment, achievements, work experience and opportunity for success in the program

Applicants should see the department's website for more information.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/graduate/master-business-administration/>)

Contact Information:

Business, W. P. Carey School of
WPC Graduate Programs
<https://wpcarey.asu.edu/mba-programs/online>
MCRD 350
wpcareymasters@asu.edu
480-965-3332

W. P. Carey MBA, MBA (BASHANGMBA)

Online Degree Search Title: W. P. Carey MBA - Shanghai Program

Campus: Tempe

Program Description:

The W. P. Carey School of Business at Arizona State University is directly involved in the development of top leadership in China. In 2003, the executive MBA program launched in Shanghai, China. The program is delivered in collaboration with Shanghai National Accounting Institute, an entity under the governance of China's Ministry of Finance.

The business leaders emerging from this program will shape U.S.-Sino trade relationships during China's continued global expansion. This academic program is the cornerstone of a number of new offerings that include knowledge transfer and access to the highest level of decision-makers in China.

This degree program is only offered in China.

Degree Requirements:

48 credit hours including the required capstone course (MGT 589).

The curriculum is based on the integration of core management principles, with an immersion in accounting, finance, information management, supply chain management, service marketing, customer relation management and management of services innovation. At the core of the curriculum delivery is emphasis on the practical applications with direct business connectivity. The school prides itself on the curriculum's integration of global practices and local market characterizations, to enable participants' ability to excel in the modern economy.

In addition, the curriculum is designed with a strong transdisciplinary focus while achieving cycle-time efficiency. Each course is delivered in an intensive manner over two consecutive weekends, with four full days of face-to-face instruction supplemented by online instruction materials to enable learning interactions between faculty and participants.

All students must successfully complete the comprehensive requirement for the MBA established by the school of business and the Graduate College. The comprehensive culminating experience is integrated with MGT 589 Strategic Management. Students passing this course with a grade of "B" (3.00 on a scale of 4.00) or higher satisfy the comprehensive examination requirement. A thesis is not required.

Admission Requirements:

This degree program is only offered in China. All applicants are required to contact the program coordinator before submitting the online graduate admission application.

Contact Information:

Business, W. P. Carey School of
WPC Graduate Programs
<https://wpcarey.asu.edu/international-programs/china/english/emba/overview>
BA 323D
chinaemba@asu.edu
480-965-1422

Design & the Arts, Herberger Institute for

Architecture, MArch (ARARCMARCH)

Online Degree Search Title: Architecture, MArch

Campus: Tempe

Program Description:

The MArch is an accredited professional degree program at ASU.

Two programs of study are available. The two-year program is for applicants who have completed the four-year BSD in architectural studies at ASU or who have earned an equivalent degree from another school. The three-plus program for applicants with an undergraduate degree in a discipline or field other than architecture.

Both programs promote broad areas of knowledge, professional skill and a social awareness that the architect must command if architecture is to enhance contemporary life and remain an enduring and valid expression of society.

Concurrent Degrees:

This degree is also offered as concurrent degree program with W. P. Carey MBA - Full-Time Program

Degree Requirements:

56 credit hours including the required capstone course (ADE 593 or ADE 622), or 78 credit hours including the required capstone course (ADE 593 or ADE 622).

Required Core (30 credit hours)

ADE 521 Advanced Architectural Studio I (5)

ADE 522 Advanced Architectural Studio II (5)

ADE 621 Advanced Architectural Studio III (5)

APH 505 Foundation Theory Seminar (3)

APH 515 Current Issues and Topics (3)

ATE 553 Architectural Technology IV (3)

ATE 556 Architectural Technology V (3)

ATE 563 Architectural Technology VI (3)

Electives (9 credit hours)

Other Requirements (12 credit hours)

ARP 584 Internship (1)

ARP 584 Internship (2)

ATE 598 Topic: Green Building Practices (3)

DSC 598 Topic: Principles of Collaboration in Design (3)

DSC 598 Topic: Practice Management (3)

Culminating Experience (5 credit hours)

ADE 593 Applied Project (5) or

ADE 622 Advanced Architectural Studio IV (5)

Additional Curriculum Information

For electives, students should see the academic unit for an approved design professional elective list.

For the other requirement coursework, other courses not listed may be used with approval of the academic unit.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of a student's first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- a portfolio, letter of intent and contact information of three references submitted via SlideRoom (<https://asudesign.slideroom.com>)

(<https://asudesign.slideroom.com>)

- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. The minimum score for admission to the program is 80 (internet-based) or 550 (paper-based) on the TOEFL or an overall band score of 6.5 on the IELTS. Other information can be found at <https://admission.asu.edu/international/graduate/english-proficiency> (<https://admission.asu.edu/international/graduate/english-proficiency>).

The portfolio, letter of intent and references are required by the Design School in addition to the Graduate College application requirements.

Applicants are encouraged to report GRE scores, especially if the applicant's background is broad or other than a traditional design major, but it is not required.

A personal interview is not required; however, a candidate wishing to visit the school is welcome and should make arrangements by contacting the department.

Admission to the program is selective. Admission cannot be deferred; students must enroll in the semester for which they are admitted, otherwise they will need to go through the entire application process again for the year in which they are applying.

Applicants may be admitted to the program with deficiencies if their previous coursework is not equivalent to the ASU undergraduate requirements and standards. If a student is assigned any deficiency coursework by the academic unit upon admission, those courses must be completed with a grade of "B" (3.00 on a 4.00 scale) or higher before completing the graduate program's required coursework. A Master of Architecture student with assigned deficiencies has two pathways: the three-year plus pathway with up to 42 credit hours which begins in the summer, and the two-year plus pathway with up to 15 credit hours which begins in the spring. Deficiency courses may include:

ADE 510 Foundation Architectural Studio
ADE 511 Core Architectural Studio I
ADE 512 Core Architectural Studio II
ALA 235 Introduction to Computer Modeling
APH 313 History of Architecture I
APH 314 History of Architecture II
APH 509 Foundation Seminar
ATE 361 Architectural Technology I
ATE 362 Architectural Technology II
ATE 452 Architectural Technology III

Admission requirements to the two-year pathway: Applicants must have completed a four-year Bachelor of Science degree with a major in architectural studies or a similar preprofessional degree in architecture. The undergraduate degree must be granted by an institution that is recognized by ASU and offers a National Architectural Accreditation Board-accredited degree program in architecture.

Admission requirements to the three-year plus pathway: Applicants must have earned a minimum of a bachelor's degree (or equivalent) in a field other than architectural studies.

Contact Information:

Design & the Arts, Herberger Institute for
The Design School
<https://design.asu.edu>
CDN 162
designgrad@asu.edu
480-965-3536

Architecture (Energy Performance and Climate Responsive Architecture), MS (ARENERGYMS)

Online Degree Search Title: Architecture (Energy Perf/Climate Responsive Arch), MS

Campus: Tempe

Program Description:

The MS in architecture with a concentration in energy performance and climate-responsive architecture educates students to become experts in energy-efficient building design and energy technology.

Courses in this concentration establish a basic core of knowledge of the principles of the natural energies available at the building boundary due to

climate and site; thermal and optic behavior of building materials and components; passive and low-energy architectural systems for heating, cooling and lighting; and appropriate integration with mechanical systems. Additional courses are available to support advanced study and research in a variety of related specialties.

Degree Requirements:

30 credit hours and a thesis, or 30 credit hours including the required applied project course (ATE 593).

Required Core (21 credit hours)

Electives (3-6 credit hours)

Culminating Experience (3-6 credit hours)

ATE 593 Applied Project (3)

ATE 599 Thesis (6)

Additional Curriculum Information

The applied project option consists of six credit hours of electives and three credit hours of ATE 593. The thesis option consists of three credit hours of electives and six credit hours of ATE 599.

Students should see the academic unit for an approved course list.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution in one of the professions or fields of study outlined below:

- a five- or six-year National Architectural Accrediting Board-accredited professional degree in architecture (BArch or MArch)*
- a four-year Bachelor of Science in landscape architecture or a master's degree in landscape architecture which must be granted by an institution that offers the Landscape Architectural Accreditation Board-accredited degree program in landscape architecture
- an engineering degree (BS or MS) with a background in building sustainability issues**
- a science degree (BS or MS) with a background in building sustainability issues

*Applicants should refer to the NAAB website for more information about the BArch or MArch.

**Mechanical and civil engineering and construction majors are particularly suited for application to the BS or MS program in engineering.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- official copy of GRE scores
- portfolio; or, a writing sample from applicants who have a science background
- statement of intent
- contact information for three references
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. The minimum score for admission to the program is 80 (internet-based) or 550 (paper-based) on the TOEFL or an overall band score of 6.5 on the IELTS. Other information can be found at <https://admission.asu.edu/international/graduate/english-proficiency> (<https://admission.asu.edu/international/graduate/english-proficiency>).

Unofficial copies of GRE scores will not be accepted. More information is available at the GRE website or at <https://uoeee.asu.edu/testing> (<https://uoeee.asu.edu/testing>).

The portfolio or writing sample, statement of intent, and contact information for three references must be submitted via Slideroom. <https://asudesign.slideroom.com> (<https://asudesign.slideroom.com>).

Admission to the program is selective. Admission to the program cannot be deferred. Students must enroll in the semester for which they are admitted; otherwise, they will need to go through the entire application process again for the year in which they are applying.

A personal interview is not required; however, a candidate wishing to visit the school is welcome and should make arrangements by contacting The Design School.

Applicants should see the program website for application deadlines and admission terms.

Contact Information:

Design & the Arts, Herberger Institute for
The Design School
<https://design.asu.edu>
CDN 162
designgrad@asu.edu
480-965-3536

Art, MFA (HIARTMFA)

Online Degree Search Title: Art, MFA

Campus: Tempe

Program Description:

The ASU School of Art's highly ranked MFA program provides artists with both a formal and a conceptual foundation in contemporary art. Situated in the context of a public research university renowned for innovation, students work closely with distinguished art faculty to develop the skills to produce culturally relevant work and sustain a lifelong creative practice. Students are encouraged to work across disciplines and select a focus from a range of media including animation, ceramics, intermedia, metals, painting and drawing, photography, printmaking, sculpture, textiles and woods.

In addition to the expansive curriculum, students benefit from visiting artist and scholar lecture series, professionalization workshops, teaching opportunities and pedagogical training. Students also supplement their arts curriculum by taking advantage of the vast resources afforded by a Research 1 university, engaging with world renowned researchers or taking courses in a variety of departments. The ASU Museum offers vital opportunities for students to learn from and connect with artists and curators.

Graduate students are provided world class individual studio space at Grant Street Studios (<https://art.asu.edu/galleries-and-facilities/grant-street-studios>), located in the cultural hub of downtown Phoenix. This facility is also home to two galleries and enhanced resources including a common wood shop, printmaking presses, photography darkroom, ceramics kilns, computer lab and 3D print lab. Students also have access to the vibrant community of museums, galleries, businesses and cultural organizations in Phoenix as well as in nearby Los Angeles, Santa Fe and Denver.

The Master of Fine Arts program culminates in a solo thesis exhibition in one of the School of Art's galleries (Step Gallery, Northlight Gallery, Harry Wood Gallery). In addition to offering one of the most affordable MFA programs nationally, students benefit from various funding opportunities, including teaching assistantships as well as scholarships and awards supporting student travel and research. Current special initiatives in the School of Art, including the Global Art School Futures and Arizona Artists' Oral History Project, add dynamic opportunities for the professionalization, collaboration and immersive learning essential to being an artist in the 21st century.

Degree Requirements:

60 credit hours and an oral comprehensive exam (defense of MFA exhibition).

The 60 hours of graduate credit are subject to committee approval and must include:

ART 680 Practicum, resulting in an MFA exhibition (10-15 credit hours)
graduate studio (18-27 credit hours)
graduate-level academic coursework (at least 6 credit hours)
graduate-level ART seminars (9-18 credit hours)
required courses in contemporary art theory (3) and cross-practice critique (3) (6 credit hours)

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- current resume or curriculum vitae
- portfolio
- statement of intent
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency via a TOEFL score regardless of current residency: <https://admission.asu.edu/international/graduate/english-proficiency> (<https://admission.asu.edu/international/graduate/english-proficiency>).

Admission is a two-step process. Although applicants fill out one application through the online graduate application process, they must be admitted into both the MFA program and to the Graduate College.

The portfolio should be 20 images, sized with a maximum dimension of 1024 pixels; video files less than 60MB each; and accompanied by an image list and the statement of intent (this is not to exceed 1,000 words) that addresses the applicant's artistic interests, reasons for applying to graduate school in general and the ASU School of Art in particular as well as professional goals.

The three letters of recommendation should be from faculty members with whom the applicant has studied or from recognized professionals in the field. All the instructions for letters of recommendation must be followed when submitting them with the application to the Graduate College.

The method for submitting the resume or vitae, portfolio, statement of intent and letters of recommendation is online via SLIDEROOM: <https://asuherberger.slideroom.com>. (<https://asuherberger.slideroom.com>) Applicants may upload images (.jpg), video (.mov, .wmv, .flv), music (mp3) or PDF documents.

Applicants should see the program website for application deadlines.

Contact Information:

Design & the Arts, Herberger Institute for
School of Art

<https://art.asu.edu/degree-programs/art-mfa-mfa>

ART 102

soagrad@asu.edu

480-965-8521

Art (Art Education), MA (FAARTEDMA)

Online Degree Search Title: Art Education, MA

Campus: Tempe

Program Description:

Students in the MA program in art with a concentration in art education investigate issues in art teaching and learning from multiple perspectives, including art inquiry, curriculum theory, spatial design, studio practice, visual culture, social intervention, human development and cultural context.

The culminating experience may be conducted in a range of contexts where art learning takes place, such as in K-12 art classrooms, art centers and museums, public settings, university studios or in a teacher's own classroom.

Degree Requirements:

30 credit hours, a thesis and a written comprehensive exam (qualifying research proposal).

Required Core (18 credit hours)

ARE 510 Visual Culture Research (3)

ARE 520 Issues in Teaching Inquiry in Art (3)

ARE 525 Research on Art Instruction (3)

ARE 530 Issues in Teaching Studio Art (3)

ARE 535 Research on Teaching Studio Art (3)

ARE 540 Teaching Art in Cultural Contexts (3)

Other Requirements (6 credit hours)

special topics on research related to integrating the teaching of studio art, art history and criticism or aesthetics (6)

Culminating Experience (6 credit hours)

thesis (6)

Additional Curriculum Information

Before the end of the first semester of coursework (six or more credit hours), a plan of study must be submitted to the Graduate College. Additional program requirements are indicated in the guidelines for the master's degree in art education.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of a student's first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants should submit:

- graduate admission application and application fee
- official transcripts
- a formal art education research paper for review
- resume
- statement of intent
- two letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

An applicant must have a bachelor's degree from a regionally accredited college or university with a major of no fewer than 45 credit hours of art, including 12 credit hours of art history and six credit hours of art education. Additional hours may be required by the school.

An applicant must have a GPA of at least 3.00 ("B") in undergraduate coursework during the junior and senior years. Applicants who do not meet these requirements must submit scores from the MAT or the GRE.

The resume should demonstrate how professional experience will help the student succeed in this program.

Applicants should see the program website for application deadlines.

Contact Information:

Design & the Arts, Herberger Institute for
School of Art

<https://art.asu.edu/degree-programs/art-education?dept=160343&id=1>

ART 102

soagrad@asu.edu

480-965-8521

Art (Art History), MA (FAARTHISMA)

Online Degree Search Title: Art History, MA

Campus: Tempe

Program Description:

The MA in art with a concentration in art history is a comprehensive degree program designed to train students to engage with visuality in multiple ways.

A diverse curriculum fosters critical understanding of aesthetics, production, patronage and consumption of art. Nine internationally recognized faculty members offer classes covering many cultures, time periods and geographies, using multiple approaches and methodologies. The program stresses intersections between disciplines, borders, margins, points of mediation and technological developments throughout history and offers focused study in the areas of images and digital technologies, art in social and political contexts, and histories and theories of visual culture.

Degree Requirements:

30 credit hours, a thesis and a foreign language exam.

Required Core (3 credit hours)

ARS 501 Methodologies and Art History (3)

Focus Area Coursework (12 credit hours)
seminars (12)

Electives (6 credit hours)

Research (3 credit hours)
ARS 592 Research (3)

Culminating Experience (6 credit hours)
ARS 599 Thesis (6)

Additional Curriculum Information

This program must include a minimum of 24 hours in art history, with at least 12 of these earned in 500-level seminars.

Four courses in the areas shown below are required, with two of these courses outside the geographical area of specialization:

Ancient

Asia

Contemporary

Global

Latin America

Medieval

Modern

Pre-Columbian

Renaissance

For elective coursework, students may choose to take either 500-level courses in art history or related areas, such as in anthropology, history, museum studies, religion, or up to six hours of the following omnibus courses:

ARS 584 Internship

ARS 590 Reading and Conference

ARS 592 Research

Students must have reading knowledge of one research language in addition to English. The selected language needs to be appropriate for the area of research concentration and must be approved by the faculty mentor. This requirement can be met by taking a language for reading knowledge course in the School of International Letters and Cultures with a grade of B or better or by passing the Graduate Foreign Language Examination offered by SILC, which requires a fee.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution. In addition, applicants must have an undergraduate major or minor in art history or at least four upper-division art history courses in which a GPA of 3.00 or higher was maintained.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- GRE scores
- three letters of recommendation.
- one formal research paper for review
- one-page statement of intent indicating the objectives for graduate study
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Students should see the program website for application deadlines and admission terms.

Contact Information:

Design & the Arts, Herberger Institute for
School of Art
<https://art.asu.edu/degree-programs/art-history-museum-studies>
ART 102
soagrad@asu.edu
480-965-8521

Art (Digital Technology), MFA (FADIGITMFA)

Online Degree Search Title: Art (Digital Technology), MFA

Campus: Tempe

Program Description:

The MFA in art with a concentration in digital technology combines technological and artistic goals and is designed for students with skills and experience in both realms.

Coursework is sourced both from the School of Art and the School of Arts, Media and Engineering. The School of Art offers graduate-level courses in digital audio, video, photography, printing, compositing, interactive sculpture and rapid prototyping. Graduate courses offered by the School of Arts, Media and Engineering focus on topics such as interactive media methodology and theory, sensing and understanding activity, perception and cognition for artists and designers, advanced programming, interaction design for media installations, and digital and physical fabrication.

Prospective students should demonstrate accomplishments in art and technology, particularly in having developed new digital technology for the arts.

The program is offered by the School of Art in collaboration with the School of Arts, Media and Engineering.

Degree Requirements:

60 credit hours and an oral comprehensive exam.

Graduate credit is subject to committee approval and includes:

36 graduate studio credit hours in the major areas of concentration of which 18 credit hours are ART studio classes and 18 credit hours are graduate-level courses in the School of Arts, Media and Engineering

6 credit hours of ART 621 Seminar

6 credit hours of graduate-level art history

6 credit hours of ART 680 Practicum and 6 credit hours of AME 593 Applied Project, leading either to a final exhibition or an applied project

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- an art and digital technology resume
- current resume or curriculum vitae
- portfolio
- statement of intent
- statement and evidence of work demonstrating digital technology skills beyond end user applications
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency via a TOEFL score:

<https://admission.asu.edu/international/graduate/english-proficiency> (<https://admission.asu.edu/international/graduate/english-proficiency>).

Admission is a two-step process. Although applicants fill out one application through the online graduate application process, they must be admitted into the Master of Fine Arts program and to the Graduate College.

The portfolio must be of 20 images sized with maximum dimension of 1024 pixels; video files of less than 60 MB each; and an image list that accompanies the portfolio. The method for submission for the portfolio is online via SLIDEROOM: <https://asuherberger.slideroom.com> (<https://asuherberger.slideroom.com>). Applicants may upload images (.jpg), video (.mov, .wmv, .fly), music (.mp3) or PDF documents.

The statement of intent should not exceed 1,000 words and should address the applicant's artistic interests, reasons for applying to graduate school in general and the ASU School of Art in particular, and the applicant's professional goals.

The letters of recommendation should be from faculty members with whom the applicant has studied or from recognized professionals in the field. All instructions for the letters of recommendation must be followed when submitting the application to the Graduate College.

Applicants should see the program website for application deadlines.

Contact Information:

Design & the Arts, Herberger Institute for
School of Art
<https://art.asu.edu>
ART 102
soagrad@asu.edu
480-965-8521

Composition, MM (FAMCOMPMM)

Online Degree Search Title: Music Composition, MM

Campus: Tempe

Program Description:

The MM program in composition focuses on the development of skills necessary to pursue a career in music composition. Composers learn through experiential opportunities, including composing for fellow student performers leading to performances of their works in venues on campus and off. Project-based experiences including working with the Visiting Quartet Residency program and creating new works for student string quartets.

Students develop advanced skills such as orchestration, electronic studio techniques, film and video scoring, and jazz composition in the degree program. Collaboration with music scholars, theorists, performers, educators and other composers under the guidance of renowned composition faculty provides students with a broad and well-rounded foundation for advanced careers in music.

Degree Requirements:

32 credit hours, a thesis and a written comprehensive exam.

The credit hour requirements for the degree are distributed as follows:

composition (9 credit hours)
electives (8 credit hours)
music theory and music history (9 credit hours)
thesis (6 credit hours)

The thesis is an original composition that demonstrates mastery of composing for the selected performance medium and the coherent organization of musical material.

Additional Curriculum Requirements

Completion of diagnostic exams in music history and music theory is required of all new graduate music students prior to enrollment in the ASU School of Music, Dance and Theatre.

Additional information about degree requirements for all graduate music programs may be found on the check sheets.

<https://music.asu.edu/degree-programs/graduate/> (<https://music.asu.edu/degree-programs/graduate/>)

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a U.S. bachelor's degree or higher from a regionally accredited institution or the

equivalent of a U.S. bachelor's degree from an institution in another country that is officially recognized by that country.

Applicants must have achieved a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 semester hours or 90 quarter hours of their first bachelor's degree program.

All applicants must submit:

- graduate admission application and application fee
- School of Music, Dance and Theatre application (including a resume and personal statement): <https://music.asu.edu/admissions/graduate-steps-to-apply> (<https://music.asu.edu/admissions/graduate-steps-to-apply>)
- official transcripts
- prescreening portfolio
- three letters of recommendation
- proof of English proficiency: <https://admission.asu.edu/international/graduate/english-proficiency> (<https://admission.asu.edu/international/graduate/english-proficiency>)

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. The School of Music, Dance and Theatre does not offer conditional admission under any circumstances. In order to meet English proficiency requirements, students must have a TOEFL score of at least 550 (PBT) or 80 (iBT), or an IELTS overall band score of at least 6.5, or a Pearson Test of English score of at least 60.

Although a bachelor's degree in music is not required to be eligible for admission, applicants who do not hold an undergraduate degree in music are required to complete the deficiency courses listed below, which are not a part of the coursework for this graduate degree in music. These courses (or the equivalents) may be taken at ASU, another accredited university or a community college before or after admission to this program, but they must be completed prior to commencement of graduate-level course requirements in music history and music theory.

MHL 140 Music as Culture

MHL 341 Music History I

MHL 342 Music History II

MTC 125 Basic Music Theory

MTC 221 Music Theory: 18th Century

MTC 222 Music Theory: 19th Century

MTC 223 Music Theory: 20th Century

Applicants should see the program website for application deadlines. After receipt of complete application materials (including recommendation letters, transcripts and English proficiency) and review of prescreening materials, an applicant may be invited for an interview. Information on the interview may be found at <https://music.asu.edu/admissions/graduate-auditions> (<https://music.asu.edu/admissions/graduate-auditions>).

Contact Information:

Design & the Arts, Herberger Institute for
School of Music, Dance and Theatre

<https://musicdancetheatre.asu.edu/degree-programs/music/composition-theory?dept=392823&id=1>

MUSIC E167

MDTAdmissions@asu.edu

480-965-5069

Composition (Interdisciplinary Digital Media), MM (FADIGITMM)

Online Degree Search Title: Composition (Interdisciplinary Digital Media), MM

Campus: Tempe

Program Description:

The MM program in composition with a concentration in interdisciplinary digital media is designed for students who have interests and skills in unique cross sections of the arts and sciences.

The degree program expands the School of Music, Dance and Theatre offerings to include areas beyond typical music coursework, allowing for additional opportunities for transdisciplinary study and collaboration across the Herberger Institute and beyond. It also allows the School of Music, Dance and Theatre and its students to be actively involved in current developments in the ever-changing field of media.

The state-of-the-art media facilities of the School of Arts, Media and Engineering and its hybrid arts-engineering faculty and courses are invaluable assets to music students, with resources that complement existing and future courses in electronic music.

Degree Requirements:

32 credit hours, a thesis and a written comprehensive exam, or 32 credit hours, a thesis, a written comprehensive exam and an oral comprehensive exam.

Required Core (6 credit hours)

MTC 523 Advanced Composition (6)

Concentration (18 credit hours)

Arts, Media and Engineering coursework (9)

Music Theory and Music History (9)

Electives (2 credit hours)

Culminating Experience (6 credit hours)

AME or MTC 599 Thesis (6)

Additional Curriculum Requirements

Completion of diagnostic exams in music history and music theory is required of all new graduate music students prior to enrollment in the ASU School of Music, Dance and Theatre.

Additional information on degree requirements for all graduate music programs may be found on the check sheets. <https://music.asu.edu/degree-programs/graduate/> (<https://music.asu.edu/degree-programs/graduate/>)

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply if they have earned a U.S. bachelor's or master's degree from a regionally accredited institution or the equivalent of a U.S. bachelor's degree from an institution in another country and officially recognized by that country.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 semester hours or 90 quarter hours of a student's first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee: <https://admission.asu.edu/graduate> (<https://admission.asu.edu/graduate>)
- School of Music, Dance and Theatre application (including a resume and personal statement): <https://music.asu.edu/admissions/graduate-steps-to-apply> (<https://music.asu.edu/admissions/graduate-steps-to-apply>)
- official transcripts
- prescreening portfolio: <https://music.asu.edu/admissions/graduate-recordings-portfolios> (<https://music.asu.edu/admissions/graduate-recordings-portfolios>)
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency: <https://admission.asu.edu/international/graduate/english-proficiency> (<https://admission.asu.edu/international/graduate/english-proficiency>). The School of Music, Dance and Theatre does not offer conditional admission under any circumstances. In order to meet English proficiency requirements, students should have a TOEFL score of at least 550 (PBT) or 80 (iBT), or an IELTS overall band score of at least 6.5, or a Pearson Test of English score of at least 60.

Although a bachelor's degree in music is not required to be eligible for admission, applicants who do not hold an undergraduate degree in music are required to complete the deficiency courses listed below, which are not a part of the coursework for this graduate degree in music. These courses or their equivalents may be taken at ASU, another accredited university or a community college before or after admission to this program, but they must be completed prior to commencement of graduate-level course requirements in music history and music theory.

MHL 140 Music as Culture

MHL 341 Music History I

MHL 342 Music History II

MTC 125 Basic Music Theory

MTC 221 Music Theory: 18th Century

MTC 222 Music Theory: 19th Century

MTC 223 Music Theory: 20th Century

Students should see the program website for application deadlines. After the School of Music receives the complete application (this includes

recommendation letters, transcripts and English proficiency requirements) and it is reviewed by the department, the applicant may be invited for a live interview. Information about the interview may be found at <https://music.asu.edu/admissions/graduate-auditions> (<https://music.asu.edu/admissions/graduate-auditions>).

Contact Information:

Design & the Arts, Herberger Institute for
School of Music, Dance and Theatre
<https://musicdancetheatre.asu.edu/degree-programs/music/composition-theory?dept=392823&id=1>
MUSIC E167
MDTAdmissions@asu.edu
480-965-5069

Creative Enterprise and Cultural Leadership, MA (HICECLMA)

Online Degree Search Title: Creative Enterprise and Cultural Leadership, MA

Campus: Tempe

Program Description:

The MA program in creative enterprise and cultural leadership empowers students to advance innovation in the cultural sector, support creative work and careers, and design public and private enterprises that will strengthen arts and design in the future.

The program prepares students to understand the complex economic, legal, political and social context that surrounds any innovation or enterprise. Students are exposed to design thinking pedagogy as they increase their capacity for interpersonal communication, public communication, opportunity recognition, network and systems thinking, problem recognition and creativity. Students also demonstrate ability in cultural leadership and knowledge of the creative industries, distribution of creative products, the creative process and management of innovation in the creative industries.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Art (Art History), BA
- Art (Museum Studies), BA
- Arts (BA in the Arts), BA
- Digital Culture, BA
- Environmental Design, BS
- Film (Film and Media Production), BA
- Film (Filmmaking Practices), BA
- Music, BA
- Theatre, BA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

31 credit hours including a written comprehensive exam, oral comprehensive exam, and the applied project course (HDA 593).

Required Core (15 credit hours)

- GRA 501 Creative Environment and Collaborative Leadership (3)
- HDA 511 Leadership in the Creative Industries (1)
- HDA 512 Strategy: Problem Identification and Opportunity Recognition in the Creative Industries (2)
- HDA 513 Creativity and Design Thinking (3)
- HDA 521 Arts, Culture and the Economy (3)
- HDA 522 Media Literacy and Distribution (3)

Electives or Research (9 credit hours)

- creative enterprise development elective (3)
- leadership elective (3)
- other approved elective (3)

Other Requirements (1 credit hour)

- HDA 583 Fieldwork (1)

Culminating Experience (6 credit hours)

- HDA 593 Applied Project (6)

Additional Curricular Information

Electives are approved in consultation with either the student's committee or the program director.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a minimum of a bachelor's degree in an arts, design, business, public policy or related discipline from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- letters of recommendation
- letter of intent
- professional resume
- example of academic or professional work
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The letter of intent must outline the applicant's reasons for choosing to pursue a Master of Arts in creative enterprise and cultural leadership and outline how their unique background and abilities make them a suitable candidate.

Applicants are required to submit an example of academic or professional work that demonstrates ability and potential to be successful in the program within a maximum of 30 pages. Following are examples of appropriate submissions:

- critical essay from previous academic work
- critical essay for professional audiences
- business plan for a new or existing enterprise
- material produced for professional creative practice
- curatorial materials
- marketing materials designed or written by applicant
- other professional or technical writing relevant to the creative industries

An online interview is required for applicants who reach the finalist stage of consideration for admission. The interview is conducted via Skype within three weeks of submitting an application.

Contact Information:

Design & the Arts, Herberger Institute for

Dean, Herberger Institute for Design and the Arts

<https://herbergerinstitute.asu.edu/research-and-initiatives/enterprise-and-entrepreneurship-programs/curb-enterprise-leadership/master-of-arts>

GHALL 155

herbergeradmissions@asu.edu

480-965-2458

Dance, MFA (FADANCEMFA)

Online Degree Search Title: Dance, MFA

Campus: Tempe

Program Description:

The MFA in dance enriches students' creative and embodied practices through an integrated curriculum, connecting intuitive, kinesthetic and intellectual experiences.

The School of Music, Dance and Theatre seeks individuals who are self-motivated, have clear and demonstrated objectives, and are willing to explore new possibilities in the field of dance. This program also recognizes and encourages individual strengths and professional experience. The School of Music, Dance and Theatre welcomes a diversity of applicants with interest in:

Creating:

- dance and art making
- dance technologies
- improvisation and real-time composing
- performance
- socially-engaged and community arts practices
- sound design
- transdisciplinarity and hybridity

Framing and Contextualizing:

- dance and related histories
- dance anthropology and ethnography
- dance pedagogy
- educational and professional partnerships
- movement analysis and critical inquiry
- musical methods
- performance and cultural studies
- philosophy of dance

Moving:

- contemporary ballet
- Latin dance practices
- postmodern contemporary dance
- somatic practices
- urban arts practices

Degree Requirements:

60 credit hours and a bound document.

Incoming students take coursework in dance and related fields that have been designed to provide a broad and fundamental preparation for future careers in:

- arts administration
- arts presenting
- community partnerships
- cross-cultural and ethnographic research
- independent creative practices
- multimedia and technology
- preK-20 private and public sector education
- professional performance companies
- social work and public programs
- wellness and health care

The Master of Fine Arts applied project in dance serves as the culminating experience in the graduate dance curriculum. Students have the opportunity to select the format and structure of their project in conjunction with their Master of Fine Arts committee. The applied project takes into consideration the future goals of the student and serves as a bridge to careers beyond graduate school.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- current resume

- web-based documentation of recent work, including one solo piece and one group piece, or other forms and types of creative research
- three letters of recommendation from professionals in the field
- a personal artistic statement
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Contact Information:

Design & the Arts, Herberger Institute for
School of Music, Dance and Theatre
<https://musicdancetheatre.asu.edu/>
GHALL 240
mdtadmissions@asu.edu
480-965-4206

Dance (Interdisciplinary Digital Media and Performance), MFA (FADANDIMFA)

Online Degree Search Title: Dance (Interdisciplinary Digital Media and Perform.), MFA

Campus: Tempe

Program Description:

The MFA in dance with a concentration in interdisciplinary digital media and performance builds on the strength of the School of Music, Dance and Theatre and expands into the specific area of new media practices. The concentration provides a select group of graduate students with a rigorous, in-depth opportunity to specialize in dance as well as transdisciplinary digital arts.

The interdisciplinary classes and research activities of the transdisciplinary School of Arts, Media and Engineering that are part of this concentration give students access to advanced media equipment, studios, project funding and interdisciplinary collaborators.

Degree Requirements:

60 credit hours and a bound document.

The degree program involves three years of residency:

- a final MFA applied project (8 credit hours)
- a written document
- an oral defense
- required coursework in the concentration taught by AME (18 credit hours)
- electives (15 credit hours)
- required courses in the School of Dance (19 credit hours)
- ongoing showings of work

The current MFA is normally accomplished during three years of residency in the School of Music, Dance and Theatre. Ongoing showings of creative work are required. Foundational coursework is offered in areas of creative practice, movement practices, pedagogy, professional development, technology and theory.

Students enrolled in the program specialize in areas related to independent research. The Master of Fine Arts applied project, which may involve producing original choreography, presenting a lecture demonstration on a body of research or another form of original work, acts as the culminating experience of the program. Completing the process are a presentation, a final written document, reflective in nature, as well as an oral defense.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- current resume

- DVD of recent work, including one solo piece and one group piece
- three letters of recommendation from professionals in the field
- personal artistic statement
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Contact Information:

Design & the Arts, Herberger Institute for
 School of Music, Dance and Theatre
<https://musicdancetheatre.asu.edu/>
 GHALL 240
 mdtadmissions@asu.edu
 480-965-4206

Dance Teaching Artist Praxis (Certificate), Certificate (HIDTAPGRCT)

Online Degree Search Title: Dance Teaching Artist Praxis (Graduate Certificate)

Campus: Tempe

Program Description:

The graduate certificate in dance teaching artist praxis prepares students to enter the dance field as professional teaching artists and educators.

The program equips students with the knowledge, skills and credentials to work as dance teaching artists, pedagogical theorists and researchers, higher-education dance professors and teacher preparation experts, preK-12 dance educators and community dance teachers.

Students completing the dance teaching artist praxis certificate will fulfill central coursework requirements necessary to obtain a Provisional Arts Education, preK-12 certificate in dance from the Arizona Department of Education. They also will gain the qualifications and credentials required to develop and teach university teacher preparation courses and training programs and develop the skills and perspectives necessary to effectively work as a teaching artist in diverse sociocultural and learning contexts.

Degree Requirements:

28 credit hours including a written portfolio.

Required Core (28 credit hours)

- DCE 530 Graduate Movement Practices I (2)
- DCE 531 Graduate Movement Practices 2 (2)
- DCE 554 Teaching Praxis I: Postsecondary Teaching Philosophies, Foundations and Practices (3)
- DCE 654 Teaching Praxis II: Theories, Contexts, Populations, Psychomotor Development and Curriculum Design (3)
- DCE 656 Teaching Praxis III: Secondary Practices and Teacher Preparation Course Development/Implementation (4)
- DCE 657 Pedagogical Research and Fieldwork (2)
- SED 578 Student Teaching: Secondary Education (12)

Additional Curriculum Information

Students must submit the written portfolio culminating experience in the last semester of enrollment in the certificate program.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a minimum of a master's degree in dance or a related field from a regionally accredited college or university, or have successfully completed their first semester of the Arizona State University MFA degree program in dance.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the applicable master's degree program or in the ASU Master of Fine Arts program in dance at the time of their application submission.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the United States on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

Contact Information:

Design & the Arts, Herberger Institute for
School of Music, Dance and Theatre
<https://musicdancetheatre.asu.edu>
GHALL 240
mdtadmissions@asu.edu
480-965-4206

Design (Design of Healthcare and Healing Environments), MSD (ARHHEMSD)

Online Degree Search Title: Healthcare and Healing Environments, MSD

Campus: Tempe

ASU is not currently accepting applications for this program.

Program Description:

The MSD with a concentration in design of health care and healing environments is focused on the science and experiences behind the built environment's real and perceived impacts on health and wellness. To this end, the concentration in design of health care and healing environments emphasizes the intersection and integration of evidence-based research and practice, transdisciplinary studies, best practices, and innovation in supporting and advancing the design of healthy environments, products and processes. This concentration enables students to explore and synthesize principles from a variety of disciplines that include innovation, architecture, design, communication, human behavior, policy, quality and performance improvement, among others, to arrive at a thorough understanding of the critical issues facing the health care industry.

Students in this concentration will have opportunities to:

- be mentored by local health care design consultants
- communicate with forward-thinking health care research centers
- engage directly with real clients
- interact with prominent health care organizations
- participate in industry conferences
- team with nursing and health innovation faculty and students

Degree Requirements:

36 credit hours and a thesis, or 36 credit hours including the required applied project course (DSC 593).

Students may choose to complete the graduate work by way of a thesis or an applied project. A master's degree thesis is a scholarly endeavor that demonstrates the ability of the author to do supervised research and intellectual writing. The applied project is somewhat different. It includes a project and a written document and is a scholarly endeavor that demonstrates the ability of the designer to do supervised research and present substantial evidence of the ability to apply research creatively to a design situation.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in graphic design, industrial design, interior design or a related design discipline from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- portfolio
- letter of intent
- contact information for three references

- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. The minimum score for admission to the program is 80 (internet-based) or 550 (paper-based). Other information for international applicants can be found at <https://admission.asu.edu/international/graduate/english-proficiency> (<https://admission.asu.edu/international/graduate/english-proficiency>).

When applying for admission, applicants must declare one of seven concentrations:

- arts, media and engineering
- design of health care and healing environments
- industrial design
- interaction design
- interior design
- new product innovation
- visual communication design

The portfolio, letter of intent and contact information for three references need be submitted to SlideRoom (<https://asuherberger.slideroom.com> (<https://asuherberger.slideroom.com>)). The Design School requires that these be submitted in addition to Graduate Admission Services application requirements.

Admission to the program is selective. Admission cannot be deferred; students must enroll in the semester for which they are admitted, otherwise they will need to go through the entire application process again for the year in which they are applying.

A personal interview is not required; however, a candidate wishing to visit the school is welcome and should make arrangements by contacting the department.

Teaching or Research Assistantships

Applicants wishing to be considered for teaching or research assistantships should submit an additional statement outlining areas in which they feel competent to serve as a teaching or research assistant. All interested applicants can apply for a teaching assistantship position online. The link to the application will be provided on the MSD website.

All international teaching or graduate assistants whose primary language is not English are required to be certified in their English language abilities. Those individuals whose native language is not English will be required to submit a Speaking Proficiency English Assessment Kit score, which is administered at ASU. Students also have the option of completing the Test of Spoken English, administered directly by the Educational Testing Service. For this group, no personnel action form will be signed until this examination has been successfully completed.

Contact Information:

Design & the Arts, Herberger Institute for
The Design School
<https://design.asu.edu>
CDN 162
designgrad@asu.edu
480-965-3536

Design (Industrial Design), MSD (ARINDDMSD)

Online Degree Search Title: Industrial Design, MSD

Campus: Tempe

Program Description:

The MSD in industrial design is meant for individuals interested in advanced studies in:

- criticism and methodology
- design processes
- history
- human factors
- technology
- theory

This program helps students develop an understanding of contemporary industrial design issues through specialized research and design skills. It also prepares the graduate student for a career in industrial design education.

This is a research-based degree. Students interested in a studio-based program should refer to the Master of Industrial Design.
Academic Catalog Archive 2020-2021

Degree Requirements:

36 credit hours and a thesis, or 36 credit hours including the required applied project course (DSC 593).

Students may choose to complete their graduate work by way of a thesis or an applied project. A master's degree thesis is a scholarly endeavor that demonstrates the ability of the author to do supervised research and intellectual writing. The applied project is somewhat different. It includes a project and a written document and is a scholarly endeavor that demonstrates the ability of the designer to do supervised research and present substantial evidence of the ability to apply research creatively to a design situation.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in graphic design, industrial design, interior design or a related design discipline from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- portfolio
- letter of intent
- resume
- contact information of three references
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency through either the TOEFL or the IELTS regardless of current residency. The minimum score for admission to the program is 80 (internet-based) or 550 (paper-based) on the TOEFL or an overall band score of 6.5 on the IELTS.

Other information for international applicants can be found at <https://admission.asu.edu/international/graduate/english-proficiency> (<https://admission.asu.edu/international/graduate/english-proficiency>).

When applying for admission, applicants must declare one of the concentrations.

The portfolio, letter of intent, resume and contact information of three references must be submitted via Slideroom (<https://asudesign.slideroom.com> (<https://asudesign.slideroom.com/>)). The Design School requires that these be submitted in addition to the graduate application requirements.

GRE scores are not required.

Admission to the program is selective. Admission cannot be deferred; students must enroll in the semester for which they are admitted, otherwise they will need to go through the entire application process again for the year in which they are applying.

A personal interview is not required; however, a candidate wishing to visit the school is welcome and should make arrangements by contacting the department.

Contact Information:

Design & the Arts, Herberger Institute for
The Design School
<https://design.asu.edu>
CDN 162
designgrad@asu.edu
480-965-3536

Design (Interior Design), MSD (ARINTDEMSD)

Online Degree Search Title: Interior Design, MSD

Campus: Tempe

Program Description:

The MSD in interior design is a research program that allows students to investigate deeper into how people use and interact with various interior environments. The program encourages the investigation of creativity, innovation and critical thinking while acknowledging the importance of cultural and historical precedent. This program helps students develop an understanding of contemporary interior design issues through specialized research and design skills.

Degree Requirements:

36 credit hours and a thesis, or 36 credit hours including the required applied project course (DSC 593).

Students may choose to complete their graduate work by way of a thesis or an applied project. A master's degree thesis is a scholarly endeavor that demonstrates the ability of the author to do supervised research and intellectual writing. The applied project includes a project and a written document and is a scholarly endeavor that demonstrates the ability of the designer to do supervised research and present substantial evidence of the ability to creatively apply research to a design situation.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in graphic design, industrial design, interior design or a related design discipline from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- portfolio
- letter of intent
- resume
- contact information of three references
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency through either the TOEFL or the IELTS regardless of current residency. The minimum score for admission to the program is 80 (internet-based) or 550 (paper-based) on the TOEFL or an overall band score of 6.5 on the IELTS. Other information for international applicants can be found at <https://students.asu.edu/graduate/proficiency> (<https://students.asu.edu/graduate/proficiency>).

When applying for admission, applicants must declare one of the concentrations.

The portfolio, letter of intent, resume and contact information of three references must be submitted via Slideroom (<https://asudesign.slideroom.com> (<https://asudesign.slideroom.com/>)). The Design School requires that these be submitted in addition to the graduate application requirements.

GRE scores are not required.

Admission to the program is selective. Admission cannot be deferred; students must enroll in the semester for which they are admitted, otherwise they will need to go through the entire application process again for the year in which they are applying.

A personal interview is not required; however, a candidate wishing to visit the school is welcome and should make arrangements by contacting the department.

Contact Information:

Design & the Arts, Herberger Institute for
The Design School
<https://design.asu.edu>
CDN 162
designgrad@asu.edu
480-965-3536

Design (Visual Communication Design), MSD (ARVCDMSD)

Online Degree Search Title: Design (Visual Communication Design), MSD

Campus: Tempe

Program Description:

The MSD with a concentration in visual communication design is a degree program meant for individuals interested in advanced studies in visual language, history, theory, criticism and methodology, design processes and technology. Through a specialized research and design skills curriculum, the student develops an understanding of contemporary graphic design issues. This program also prepares the graduate student for a career in graphic design education.

Degree Requirements:

36 credit hours and a thesis, or 36 credit hours including the required applied project course (DSC 593).

Students may choose to complete their graduate work by way of a thesis or an applied project. A master's degree thesis is a scholarly endeavor that demonstrates the ability of the author to do supervised research and intellectual writing. The applied project is somewhat different. It includes a project and a written document and is a scholarly endeavor that demonstrates the ability of the designer to do supervised research and present substantial evidence of the ability to apply research creatively to a design situation.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in graphic design, industrial design, interior design or a related design discipline from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- portfolio
- letter of intent
- resume
- contact information for three references
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. International students are required to submit proof of English Proficiency through either the TOEFL or the IELTS if their native language is not English. The minimum score for admission to the program is 80 (internet-based) or 550 (paper-based) on the TOEFL or an overall band score of 6.5 on the IELTS. Other information for international applicants can be found at <https://admission.asu.edu/international/graduate/english-proficiency> (<https://admission.asu.edu/international/graduate/english-proficiency>).

When applying for admission, applicants must declare a concentration. Students should see the department website for an approved list of graduate programs.

The portfolio, letter of intent, resume and contact information of three references must be submitted via Slideroom (<https://asudesign.slideroom.com> (<https://asudesign.slideroom.com>)). The Design School requires that these be submitted in addition to the graduate application requirements.

Admission to the program is selective. Admission cannot be deferred; students must enroll in the semester for which they are admitted, otherwise they will need to go through the entire application process again for the year in which they are applying.

GRE scores are not required.

A personal interview is not required; however, a candidate wishing to visit the school is welcome and should make arrangements by contacting the department.

Contact Information:

Design & the Arts, Herberger Institute for
The Design School
<https://design.asu.edu>
CDN 162
designgrad@asu.edu
480-965-3536

Design, Environment and the Arts, PHD (HIDEAPHD)

Online Degree Search Title: Design, Environment and the Arts, PhD

Campus: Tempe

ASU is not currently accepting applications for this program.

Program Description:

The PhD in design, environment and the arts is an individualized, institute-wide, transdisciplinary degree program that integrates graduate courses and faculty research with expertise in design; health care and healing environments; history, theory and criticism; and digital culture in design.

Broad in scope, the program is at the cutting edge of creating new knowledge in architecture, design and the arts. It complements transdisciplinary research in other disciplines within the university. The program provides research experience for students wishing to pursue careers in industry as members of interdisciplinary design teams on environmental and energy issues as well as for those wishing to teach in the architecture, design or the arts fields.

Applicants should apply to the concentration appropriate to their area of research interest as applications to the stand-alone degree program are not being accepted at this time.

Degree Requirements:

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Students must be thoroughly familiar with design and the arts and are expected to demonstrate a high level of academic maturity before being admitted to the program. Up to 30 credit hours from a previously awarded master's degree can count toward the requirements of the doctoral program.

Of the 54 credit hours remaining after the master's degree, 12 must be dissertation credit and 12 may be research. These 24 credit hours plus the remaining 30 credit hours must be completed after admission to the program. No transfer credits are allowed to fulfill the 54 credit hour minimum requirement completed after admission to the program.

The student is required to take 15 credit hours in the concentration and a minimum of nine credit hours of specialized coursework outside the area of focus; a minimum of six credit hours in current research and research methods is required.

Each student entering the program is required to submit a plan of study during the first year.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a master's degree in the field of architecture, graphic design, industrial design, interior design, landscape architecture, or fine arts from a regionally accredited institution. Students must be familiar with design and the arts and will be expected to demonstrate a high level of academic maturity before being admitted to the program.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- GRE scores
- three letters of recommendation
- a statement of purpose summarizing career objectives and the reasons for pursuing doctoral education
- an indication of proposed area of concentration (design; history, theory and criticism; digital culture in design; or health care and healing environments)
- an indication of a potential mentor
- a sample of sole-authored written work in English or any other evidence relevant to admission to the program (i.e., master's degree thesis, research paper or published articles)
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. A TOEFL score of at least 100 iBT or 600 PBT or an overall IELTS band score of 7.50, with no individual band below 7.00, is required of all applicants whose native

language is not English: <https://admission.asu.edu/international/graduate/english-proficiency>
(<https://admission.asu.edu/international/graduate/english-proficiency>).

International applicants who are interested in receiving funding as teaching assistants must take the Speaking Proficiency English Assessment Kit, administered at ASU, and become certified. Additional information is available on the department website.

Students are admitted to the program only upon completion of a degree in architecture, graphic design, industrial design, interior design, landscape architecture or fine arts, or upon the demonstration of equivalent standing. Applicants must be familiar with design and the arts and are expected to demonstrate a high level of academic maturity before being admitted to the program.

Applicants must have identified a doctoral program faculty member who has agreed to serve as a mentor. The faculty mentor should be from the Herberger Institute for Design and the Arts. Students are recommended to introduce themselves by email to the faculty members who they feel have related research interests and to inquire about their availability to be mentors.

The letters of recommendation preferably would be academic, although they could be professional. Applicants must provide the names and contact information of three recommenders at the time of their online application. Recommenders will receive an email with a link to the online letter of recommendation to complete. Candidates are able to see which recommenders have already completed their recommendation by logging into the My ASU system and viewing their To Do list. Once a recommender has submitted the letter of recommendation, the recommender's name is removed from the To Do list. All letters must be in English.

Applicants should identify a proposed research topic, or list of possible topics, that aligns with the research mission of the program and the research interests of faculty.

The application is considered incomplete if any of the items is missing.

The doctoral executive committee evaluates the applications and supporting materials. Admission decisions are based on the ability of the potential mentor to devote time to the student; the compatibility of the applicant's career goals with the purpose of the degree program; GRE scores; previous academic training and performance; recommendation letters; and the research mission of the institute and the research interests of faculty. The recommendations of the committee are forwarded to the program director for approval. Upon receipt of the written recommendation from the program director, the dean of the Graduate College notifies all applicants in writing of the admission decision.

Applicants should see the program website for application deadlines.

Contact Information:

Design & the Arts, Herberger Institute for
Dean, Herberger Institute for Design and the Arts
<https://herbergerinstitute.asu.edu/>
CDN 162 E
designgrad@asu.edu
480-965-3536

Design, Environment and the Arts (Design), PHD (HIDEADSPHD)

Online Degree Search Title: Design, Environment and the Arts (Design), PhD

Campus: Tempe

Program Description:

The design concentration within the PhD in design, environment and the arts is an individualized institute-wide interdisciplinary program that integrates graduate courses and faculty research with expertise in design. Broad in scope, the program is at the cutting edge of creating new knowledge in architecture, design and the arts. The program provides research experience for students wishing to pursue careers in industry as members of transdisciplinary design teams on environmental and energy issues as well as for those wishing to teach in the architecture, design or the art fields.

Degree Requirements:

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (6 credit hours)

EPD 700 Research Methods (3)

EPD 710 Current Research in Design (3)

Concentration (15 credit hours)

DSC 558 Daylighting (3)

DSC 594 Conference and Workshop (3)

EPD 791 Seminar (3)
GRA 501 Creative Environment and Collaborative leadership (3)
GRA 561 Methods in Visual Communication I (3)
GRA 562 Methods in Visual Communication II (3)
GRA 581 Internship in Teaching Design (3)
GRA 590 Reading and Conference (3)
INT 515 Decorative Arts in Historic Interiors: A Thematic Overview (3)
INT 516 Textiles in Historic Interiors: Appearance, Function, Symbolism (3)

Electives or Research (21 credit hours)
EPD 790 Reading and Conference (9)
EPD 792 Research (12)

Culminating Experience (12 credit hours)
EPD 799 Dissertation (12)

Additional Curriculum Information

Students choose five courses from the list of concentration courses above. Other equivalent courses may be used as concentration coursework with approval of the supervisory committee.

When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used for this degree.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a master's degree, in a closely related field, from a regionally accredited institution. Examples of appropriate fields include art history, architectural history, design history or fields in the humanities, such as history or literature; or archaeology and anthropology also may be considered. Students without graduate experience in the history of art, history of architecture and history of design may be asked to fulfill deficiencies.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the applicable master's degree.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- GRE scores
- letters of recommendation
- personal statement
- abstract of proposed research
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Applicants must submit a personal statement, abstract of proposed research, and contact information for three references to Slideroom (<https://asudesign.slideroom.com> (<https://asudesign.slideroom.com>)). It is required that these be submitted in addition to the Graduate College application requirements.

Contact Information:

Design & the Arts, Herberger Institute for
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<https://herbergerinstitute.asu.edu/node/40629>
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designgrad@asu.edu
480-965-3536

Design, Environment and the Arts (Digital Culture in Design), PHD (HIENVDGPHD)

Online Degree Search Title: Design, Environment and the Arts (Digital Culture in Design), PhD

Campus:

ASU is not currently accepting applications to this program.

Program Description:

The PhD in design, environment and the arts with a concentration in digital culture in design focuses on the role of computational systems in enhancing creativity and the quality of human design. Graduates of the program should be thinkers as well as doers; they should learn to question the existing paradigms that govern the digital world as they impact design and the arts; they should be able to analyze systematically how digital tools affect the way designers and artists think, conceptualize, create and evaluate their designs and artwork; and, as a result, they should be able to come to a unique synthesis, leading the way in these fields.

This concentration program primarily explores the impact of digital culture on how built environments, products and visual communications are designed and analyzed by design professionals and are utilized by their intended audience. Students should be able to systematically question existing paradigms and ontologies of digital tools, evaluate the new paradigms that emerge as a result of digital culture, and propose new frameworks for design disciplines. Issues such as user interface design for new products, computer simulation of performance of buildings and products, effects of digital tools on architectural form giving, digital design processes, better incorporation of human factors into design tools, usability and interaction design are some examples of faculty expertise and areas of focus.

Degree Requirements:

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (6 credit hours)

EPD 700 Research Methods (3)

EPD 710 Current Research in Design (3)

Required Concentration (12 credit hours)

Research and Approved Electives (24 credit hours)

Culminating Experience (12 credit hours)

EPD 799 Dissertation (12)

Other Requirements (30 credit hours)

a previously awarded master's degree or approved relevant coursework (30)

Additional Curricular Information

Students must be thoroughly familiar with design and the arts and are expected to demonstrate a high level of academic maturity before being admitted to the program. Up to 30 credit hours from a previously awarded master's degree can count toward the requirements of the doctoral program.

Of the 54 credit hours remaining after the master's degree, 12 must be dissertation credit and 12 may be research. These 24 credit hours plus the remaining 30 credit hours must be completed after admission to the program. No transfer credits are allowed to fulfill the 54 credit hour minimum requirement completed after admission to the program.

The student is required to take 12 credit hours in the concentration and a minimum of nine credit hours of specialized coursework outside the concentration; a minimum of six credit hours in current research and research methods is required.

Each student entering the program is required to submit a plan of study during the first year.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in the field of architecture, graphic design, industrial design, interior design, landscape architecture, arts media or engineering, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- GRE scores
- three letters of recommendation
- a statement of purpose summarizing career objectives and the reasons for pursuing doctoral education

- an indication of proposed area of concentration (design, history, theory and criticism, digital culture in design, or health care and healing environments)
- an indication of a potential mentor
- a sample of sole-authored written work in English or any other evidence relevant to admission to the program (i.e., master's degree thesis, research paper or published articles)
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. A TOEFL score of at least 100 iBT or 600 PBT or an overall IELTS band score of 7.50, with no individual band below 7.00, is required of all applicants whose native language is not English: <https://admission.asu.edu/international/graduate/english-proficiency> (<https://admission.asu.edu/international/graduate/english-proficiency>). International applicants who are interested in receiving funding as teaching assistants must take the Speaking Proficiency English Assessment Kit, administered at ASU and become certified. Additional information is available on the department website.

Students are admitted to the program only upon completion of a degree in architecture, graphic design, industrial design, interior design, landscape architecture or fine arts, or upon the demonstration of equivalent standing. Applicants must be familiar with design and the arts and are expected to demonstrate a high level of academic maturity before being admitted to the program.

The letters of recommendation preferably would be academic, although they could be professional. Applicants are to provide the names and contact information of three recommenders at the time of their online application. Recommenders will receive an email with a link to the online letter of recommendation to complete. Applicants are able to see which recommenders have already completed their recommendation by logging into the My ASU system and viewing their To Do list. Once a recommender has submitted the letter of recommendation, the recommender's name is removed from the To Do list. All letters must be in English.

Applicants should identify a proposed research topic or list of possible topics that aligns with the research mission of the program and the research interests of faculty.

Applicants must have identified a doctoral program faculty member who has agreed to serve as a mentor. The faculty mentor should be from the Herberger Institute for Design and the Arts. Students are recommended to introduce themselves by email to the faculty members who they feel have related research interests and to inquire about their availability to be mentors.

The application is considered incomplete if any of the application items is missing.

The doctoral executive committee evaluates the applications and supporting materials. Admission decisions are based on the ability of the potential mentor to devote time to the student; the compatibility of the applicant's career goals with the purpose of the degree program; GRE scores; previous academic training and performance; recommendation letters; and the research mission of the institute and the research interests of faculty. The recommendations of the committee are forwarded to the program director for approval. Upon the written recommendation from the program director, the dean of the Graduate College will notify all applicants in writing of the admission decision.

Contact Information:

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designgrad@asu.edu
480-965-3536

Design, Environment and the Arts (Healthcare and Healing Environments), PHD (ARENHHEPHD)

Online Degree Search Title: Design, Environment and the Arts (Healthcare and Healing Environments), PhD

Campus: Tempe

ASU is not currently accepting applications for this program.

Program Description:

The health care and healing environments concentration under the PhD program in design, environment and the arts focuses on the integration of evidence-based design, sustainable science and best practices benchmarks when planning health care facilities. Facility-related responsibilities supported by this area cluster into seven functional work units:

- facilities analysis (physical and environmental)
- human factors and user needs

- interior planning and design
- programming (long-range planning)
- research methodologies
- space management and planning
- strategic planning

This multidisciplinary program integrates the principles of medical and clinical innovations, interior architecture, human health services, communication studies, architecture, and behavioral and engineering sciences. Students in this program will be mentored by local health care design consultants, teaming with nursing students and working directly with real clients and corresponding with forward-thinking health care research centers. Graduating students will be able to address contemporary issues facing the health care industry, address health care environments on multiple levels, apply evidence-based research techniques and effectively communicate with clinicians.

Upon graduation, students may pursue advanced positions in the following arenas:

- elite consulting firms as facility programmers
- large health care systems and corporations as strategic planners
- leading manufacturers and vendors as expert representatives
- planning divisions in architectural and planning firms as medical planners
- research centers as decision-makers

Degree Requirements:

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (6 credit hours)

EPD 700 Research Methods (3)

EPD 710 Current Research in Design (3)

Concentration (18 credit hours)

Electives or Research (18 credit hours)

EPD 792 Research (12)

other electives or research (6)

Culminating Experience (12 credit hours)

EPD 799 Dissertation (12)

Additional Curriculum Information

Students must be thoroughly familiar with design and the arts and are expected to demonstrate a high level of academic maturity before being admitted to the program. Up to 30 credit hours from a previously awarded master's can count toward the requirements of the doctoral program. If the student has not completed a master's degree, elective courses approved by the supervisory committee may substitute.

The student is required to take 18 credit hours in the concentration and a minimum of nine credit hours of specialized coursework outside the area of concentration.

No transfer credits are allowed to fulfill the 54 credit hour minimum requirement completed after admission to the program. Each student entering the program is required to submit a plan of study during the first year.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a master's degree in the field of design, interior design, architecture, nursing or other related fields from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of a student's first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- GRE scores
- three letters of recommendation
- a statement of purpose summarizing career objectives and the reasons for pursuing doctoral education

- an indication of proposed area of concentration (design, history, theory and criticism, digital culture in design, or health care and healing environments)
- an indication of a potential mentor
- a sample of sole-authored written work in English or any other evidence relevant to admission to the program (i.e., master's degree thesis, research paper or published articles)
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. A TOEFL score of at least 100 iBT or 600 PBT or an overall International IELTS band score of 7.50, with no individual band below 7.00, is required of all applicants whose native language is not English (<https://admission.asu.edu/international/graduate/english-proficiency> (<https://admission.asu.edu/international/graduate/english-proficiency>)).

International applicants who are interested in receiving funding as teaching assistants must take the Speaking Proficiency English Assessment Kit, administered at ASU, and become certified. Additional information is available on the department website.

Ideal candidates must already hold a master's degree in design, interior design, architecture, nursing or other related fields. A statement of intent will express interest in the health care research/design concentration. If students enter the program with no design or health care background, they must take certain deficiency courses.

The letters of recommendation preferably would be academic, although they could be professional. Applicants will provide the names and contact information of three recommenders at the time of their online application. Recommenders will receive an email with a link to the online letter of recommendation to complete. Applicants are able to see which recommenders have already completed their recommendation by logging into the My ASU system and viewing their "To Do" list. Once a recommender has submitted the letter of recommendation, the recommender's name will be removed from the "To Do" list. All letters must be in English.

Applicants should identify a proposed research topic, or list of possible topics, that aligns with the research mission of the program and the research interests of faculty.

Applicants must have identified a doctoral program faculty member who has agreed to serve as a mentor. The faculty mentor should be from the Herberger Institute for Design and the Arts. Applicants are recommended to introduce themselves by email to the faculty members who they feel have related research interests and to inquire about their availability to be mentors.

The application will be considered incomplete if any of the application items is missing.

The doctoral executive committee evaluates the applications and supporting materials. Admission decisions are based on the ability of the potential mentor to devote time to the student; the compatibility of the applicant's career goals with the purpose of the degree program; GRE scores; previous academic training and performance; recommendation letters; and the research mission of the institute and the research interests of faculty. The recommendations of the committee are forwarded to the program director for approval. Upon the written recommendation from the program director, the dean of the Graduate College will notify all applicants in writing of the admission decision.

Contact Information:

Design & the Arts, Herberger Institute for
 Dean, Herberger Institute for Design and the Arts
<https://herbergerinstitute.asu.edu/degree-programs/design-environment-and-arts-healthcare-healing-environments-phd>
 CDN 162E
 designgrad@asu.edu
 480-965-3536

Design, Environment and the Arts (History, Theory, and Criticism), PHD (HIDEAHTPHD)

Online Degree Search Title: Design, Environment and the Arts (History, Theory, and Criticism), PhD

Campus: Tempe

Program Description:

The history, theory and criticism concentration within the PhD program in design, environment and the arts focuses on the theoretical dimensions in areas of architectural, design and art history including critical discourse in the design or art disciplines. The program offers classes and research across many cultures and time periods, geographies, and approaches and methodologies within the art history program.

Degree Requirements:

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation, and two foreign language exams.

Required Core (6 credit hours)

EPD 700 Research Methods (3)
EPD 710 Current Research in Design (3)

Required Concentration (15 credit hours; choose five courses)

APH 515 Current Issues and Topics (3)
APH 590 Reading and Conference (3)
APH 598 Special Topics (3)
ARS 501 Methodologies and Art History (3)
ARS 506 Critical Studies in Roman Art (3)
ARS 514 Monasteries, Madonnas and Manuscripts (3)
ARS 533 The Pre-Raphaelites (3)
ARS 574 Studies in Japanese Art (3)
ARS 575 Approaches to Chinese Painting (3)
ARS 584 Internship (3)
ARS 585 Women in the Visual Arts (3)
ARS 591 Seminar (3)
ARS 598 Special Topics (3)
ARS 790 Reading and Conference (3)
EPD 790 Reading and Conference (3)

Electives or Research (21 credit hours)

EPD 792 or ARS 792 Research (12)
three 3-credit-hour courses at the 500 to 700 level as agreed upon by faculty mentor

Culminating Experience (12 credit hours)

EPD 799 or ARS 799 Dissertation (12)

Additional Curricular Requirements

A foreign language exam is required in order to show reading knowledge of two foreign languages as demonstrated by the exam administered by the School of International Letters and Cultures (or equivalent) during the program or by a "B" or better (scale is 4.00 = "A") in a reading course such as a 400- or 500-level special topics course (example: ITA 494 or FRE 598 for reading knowledge). These credits do not count toward the degree total unless taken at the 500 level or above and approved by the faculty mentor as a concentration course.

When approved by the student's supervisory committee, this program allows 30 credit hours from a previously awarded master's degree to be used for this program.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a master's degree, in any field, from a regionally accredited institution. Examples of appropriate fields include art history, architectural history, design history or fields in the humanities, such as history or literature; archaeology and anthropology may also be considered. Students without graduate experience in the history of art, history of architecture and history of design may be asked to fulfill deficiencies.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- GRE scores
- abstract of proposed research
- personal statement
- letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Applicants must submit to Slideroom (<https://asudesign.slideroom.com> (<https://asudesign.slideroom.com/>)) a personal statement, abstract of proposed research, and contact information for three references. It is required that these be submitted in addition to the Graduate College application requirements.

Contact Information:

Design & the Arts, Herberger Institute for
Dean, Herberger Institute for Design and the Arts
<https://herbergerinstitute.asu.edu/degree-programs/design-environment-and-arts-history-theory-and-criticism-phd>
ART 102
designgrad@asu.edu
480-965-8521

Digital Culture, MA (HIDGCMA)

Online Degree Search Title: Digital Culture, MA

Campus: Tempe

Program Description:

The MA in digital culture is a program housed in the transdisciplinary School of Arts, Media and Engineering. It is geared toward practitioners of design and the arts who have an interest in engaging in scholarly knowledge creation at the intersection of computational arts and sciences and seek to enhance their practice through expanded engagement with interactive and embodied media theory and design. The degree program allows artists and designers to explore new avenues for real-time media creation that seek to go beyond current paradigms.

The School of Arts, Media and Engineering is devoted to producing research at the highest scholarly, artistic and technological levels. The school's mission is to improve and facilitate learning, creativity and communication; done through the integration of human physical experience and computational and digital media practice-based methods.

Students admitted into the Master of Arts program can explore the intersection of any of these and other fields:

- acoustic ecology
- AI and machine learning
- auditory culture
- critical media theory
- design
- digital composition and performance
- experiential media
- food design and sensory science
- mediated rehabilitation
- philosophical technologies
- public participation in science
- responsive environments
- social and embedded design
- somatic and movement studies
- sustainability and critical climate studies
- system engineering
- urban climate infrastructure
- virtual reality and augmented reality

Degree Requirements:

33 credit hours including the applied project course (AME 593).

Required Core (12 credit hours)

AME 520 Understanding Activity (3)

AME 530 Experiential Media Methodology and Theory I (3)

AME 531 Experiential Media Methodology and Theory II (3)

AME 532 Media Synthesis (3)

Electives or Research (18 credit hours)

Culminating Experience (3 credit hours)

AME 593 Applied Project (3)

Additional Curriculum Information

Students should check with the academic unit regarding appropriate electives coursework.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in one of the following areas from a regionally accredited institution: arts, humanities, design, media studies, computer science, engineering or a closely related field.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- letters of recommendation
- portfolio
- statement of purpose
- writing sample
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

A portfolio is required; however, submissions will vary depending on the background of each prospective student due to the transdisciplinary nature of the program. Applicants from a wide variety of disciplines are expected to be interested in the master's degree. Key works will be requested from applicants to illustrate the types of skills they wish to develop in the master's degree program. Examples include games they have designed and programmed, interactive installations and performances (submitted as video), websites they have created or programmed, music they have composed digitally, or films they have made.

The statement should explain, in a concise and persuasive manner, how the student's educational, professional and personal experiences inform their research and creative interests, and it should elaborate on any aspect of their background that supports candidacy to the School of Arts, Media and Engineering.

Contact Information:

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Arts, Media and Engineering Sch T
<https://artsmediaengineering.asu.edu/>
STAUF B217
ameed@asu.edu
480-965-9438

Industrial Design, MID (HIINDMID)

Online Degree Search Title: Industrial Design, MID

Campus: Tempe

Program Description:

The MID in industrial design is a studio-based program in which students learn to design new products and service systems that solve critical global problems. Students engage in research, brainstorming, idea visualization, prototyping and testing of creative solutions that address critical problems faced in the world today.

Graduates of this program are adept in using principles of design innovation, sustainability and systems thinking in problem-solving and after graduation they often find positions in industry and academia.

Degree Requirements:

60 credit hours including the required capstone course (IND 622).

Required Core (40 credit hours)

Electives (12 credit hours)

Other Requirement (3 credit hours)

IND 584 Internship (3)

Culminating Experience (5 credit hours)

IND 622 Advanced Industrial Design Studio IV (5)

Additional Curriculum Information

Students should see the academic unit for an approved course list.

The MID program includes sequential studio courses. Requirements involve an average of 14 credit hours per semester. An internship is required during the summer prior to the final year.

Additional deficiency coursework is required for students who are in the three-year plus program; students should see the academic unit.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- a portfolio, letter of intent and contact information of three references submitted via SlideRoom (<https://asudesign.slideroom.com/#/Login>)
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency through either the TOEFL or the IELTS regardless of current residency. The minimum score for admission to the program is 80 (internet-based) or 550 (paper-based) on the TOEFL or an overall band score of 6.5 on the IELTS. Other information for international applicants can be found at <https://admission.asu.edu/international/graduate/english-proficiency>.

The Design School requires that the portfolio, letter of intent and references be submitted via SlideRoom in addition to the Graduate College application requirements.

Admission to the program is selective. Admission cannot be deferred; students must enroll in the semester for which they are admitted, otherwise they need to go through the entire application process again for the year in which they are applying.

The GRE is not required.

Applicants may be admitted to the two-year program with deficiencies if their previous coursework is not equivalent to the ASU undergraduate requirements and standards. Deficiencies must be completed prior to taking the required courses, if necessary; this may cause the student to take longer than two years to complete the program.

A personal interview is not required; however, a candidate wishing to visit the school is welcome and should make arrangements by contacting the department.

Admission requirements for the two-year program

Applicants must hold a minimum of a bachelor's degree or equivalent or a graduate degree from a regionally accredited college or university of recognized standing in a related field such as industrial design or product design.

Admission requirements for the three-plus year program

Applicants must hold a bachelor's degree or equivalent from a regionally accredited college or university of recognized standing in a field other than industrial design.

Contact Information:

Design & the Arts, Herberger Institute for
The Design School
<https://design.asu.edu>
CDN 162
designgrad@asu.edu
480-965-3536

Online Degree Search Title: Innovation and Venture Development, MS

Campus: Tempe

Program Description:

The MS program in innovation and venture development integrates the most advanced practices and technologies from business, engineering and design in a transdisciplinary, experience-based program that prepares the next generation of leaders with skills needed to launch successful ventures in any industry or sector, inside existing organizations or as new entities.

Graduates are prepared to lead cross-disciplinary teams in a world of growing uncertainty and ambiguity. They can identify needs and evaluate opportunities, generating insights from real world problems; innovate solutions; and create and launch scalable business models that provide value to all stakeholders. Founders with this innovation and venture development degree from ASU will define a new standard for venture development.

Degree Requirements:

Required Core (18 credit hours)

IVD 525 Fundamentals of Entrepreneurial Leadership (3)

IVD 560 Innovation Studio I: Discovery and Insight (3)

IVD 561 Innovation Studio II: Problem Reframing (3)

IVD 562 Innovation Studio III: Explore, Fail, Solve (3)

IVD 630 Scaling Entrepreneurial Leadership (3)

IVD 660 Innovation Studio IV: Business Model (3)

Electives or Research (6 credit hours)

Culminating Experience (6 credit hours)

IVD 661 Innovation Studio V: Scale (6)

Additional Curriculum Information

Students should see the academic unit for a list of approved elective coursework.

Admission Requirements:

Applicants must fulfill the requirements of the Graduate College, the Herberger Institute for Design and the Arts, the Ira A. Fulton Schools of Engineering and the W. P. Carey School of Business.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in business, design, engineering or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:

- graduate admission application and application fee
- official transcripts
- professional resume
- written statement
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

The applicant's written statement should describe an instance from the professional background outlining the applicant's use of innovation and entrepreneurial experience.

Contact Information:

Engineering, Ira A. Fulton Schools of
Dean, Herberger Institute for Design and the Arts
<https://design.asu.edu/>
CDN 162
msivd@asu.edu
480-965-3536

Interior Architecture, MIA (HIAMIA)

Online Degree Search Title: Interior Architecture, MIA

Campus: Tempe

Program Description:

The MIA is a studio-based degree that provides a focused experience for students with an undergraduate degree in interior design or architecture. For students without this background, an additional three semesters of study are available.

The MIA is a studio-based professional degree program that prepares graduates to fill leadership positions in interior architecture, design practice and education. Focusing on the development of groundbreaking design solutions to contemporary and emergent societal issues, such as sustainability and health care, this program draws upon history, theory and criticism to inform a transdisciplinary, evidence-based approach. Studios have close ties to the allied disciplines of architecture and landscape architecture, with faculty members from those programs actively involved in teaching studios with an interior architecture concentration. This provides a foundation of transdisciplinary learning to assist in the understanding of integrated practice.

Completion of the MIA degree qualifies a graduate to seek work experience as an interior designer and then sit for the National Council of Interior Design Qualification examination.

Degree Requirements:

56 credit hours including the required capstone course (INT 622).

Students should see the academic unit for the course list. Additional coursework is required if the student needs to take deficiency courses.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- a portfolio, letter of intent and contact information of three references submitted via SlideRoom (<https://asudesign.slideroom.com/#/Login>)
- proof of English proficiency

Additional Application Information/>

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency:
<https://admission.asu.edu/international/graduate/english-proficiency> (<https://admission.asu.edu/international/graduate/english-proficiency>).

A GRE test is not required.

The Design School requires that the portfolio, letter of intent and reference information be submitted in addition to the Graduate College application requirements.

Admission to the program is selective. Admission cannot be deferred; students must enroll in the semester for which they are admitted, otherwise they need to go through the entire application process again for the year in which they are applying.

Applicants may be admitted to the two-year program with deficiencies if their previous course work is not equivalent to the ASU undergraduate requirements and standards. Deficiencies must be completed prior to taking the required courses, if necessary. Student should keep in mind that this may cause the student to take longer than two years to complete the program.

A personal interview is not required; however, a candidate wishing to visit the school is welcome and should make arrangements by contacting the department.

Admission Requirements for the Two-year Program:

All applicants must have completed a minimum of a bachelor's degree (or equivalent) in interior design or interior architecture from a Council for Interior Design Accreditation-accredited program or a four-year degree in architecture from a National Architectural Accrediting Board-accredited program.

Admission Requirements for the Three-plus-year Program:

All applicants must have completed a minimum of a bachelor's degree (or equivalent) in a field other than in interior design, interior architecture or architecture.

Contact Information:

Design & the Arts, Herberger Institute for
The Design School
<https://design.asu.edu>
CDN 162
designgrad@asu.edu
480-965-3536

Landscape Architecture, MLA (ARLDEMLA)

Online Degree Search Title: Landscape Architecture, MLA

Campus: Tempe

Program Description:

The MLA is designed to enable students to engage with the community in projects that focus on improving the ecological and social health of the urban environment, with emphasis on sustainable outdoor environments.

The projects in the graduate program in landscape architecture can include large-scale work encompassing urban design, landscape reclamation, open space preservation planning and ecological landscape design, and projects at the more intimate scale of a neighborhood park or residential backyard. Emerging areas of focus include biotechnical design, construction of greenways, green roofs, living walls, and urban agriculture, as well as the design of healing environments.

The Design School is committed to the merging of global and local contexts and concerns and, toward this end, graduate students in their final year go abroad for two weeks as part of their studio course. To date, students have traveled to Argentina, England, Ethiopia, Germany, Japan, the Netherlands, Rwanda, Spain and Turkey. The school also offers a number of summer study abroad programs in an effort to extend the student opportunities for global engagement.

The curriculum in this accredited Master of Landscape Architecture degree program is designed to prepare students for the professional practice of landscape architecture and for advanced study at the doctoral level. In the United States, most state registration boards require a degree from an accredited professional degree program as a prerequisite for licensure.

Since 2011, when the first class of students graduated with master's degrees in landscape architecture, ASU alumni have found employment with nationally recognized landscape architects in multinational firms and within public municipalities and agencies.

Degree Requirements:

56 credit hours and a thesis, or 56 credit hours including the required applied project course (LDE 593), or 56 credit hours including the required capstone course (LDE 622).

Required Core (15 credit hours)

LDE 521 Advanced Landscape Architectural Studio I (5)

LDE 522 Advanced Landscape Architectural Studio II (5)

LDE 621 Advanced Landscape Architectural Studio III (5)

Research (9 credit hours)

DSC 598 Topic: Principles of Collaboration in Design (3)

LPH 513 Research in LA Seminar (3)

LPH 598 Topic: Landscape Architecture Research (3)

Electives (8 to 9 credit hours)

Other Requirements (18 credit hours)

LAP 584 Internship (1)

LAP 584 Internship (2)

LTC 598 Topic: Planting Design (3)

LTC 598 Topic: Landscape Construction III (3)

LPH 598 Topic: Current Issues and Topics in Landscape Architecture (3)

LPH 598 Topic: Urban Landscape Water Systems and Management (3)

LPH 691 Topic: Landscape Architecture Seminar (3)

Culminating Experience (5 or 6 credit hours)

LDE 593 Applied Project (5) or

LDE 599 Thesis (6) or

LDE 622 Advanced Landscape Architectural Studio IV (5)

Additional Curriculum Information

Students take eight to nine credit hours of design professional electives depending on the culminating experience. Students should see the academic unit for an approved elective list. For the research and other requirements sections, other courses may be used with approval of the academic unit.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- online graduate admission application and application fee
- official transcripts
- a portfolio, letter of intent and contact information of three references submitted via SlideRoom (<https://asudesign.slideroom.com/#/Login>)
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. The minimum score for admission to the program is 80 (internet-based) or 550 (paper-based) on the TOEFL or an overall band score of 6.5 on the IELTS. Other information can be found at <https://admission.asu.edu/international/graduate/english-proficiency>.

The Design School requires that the portfolio, letter of intent and reference information be submitted in addition to the Graduate College application requirements.

Applicants are encouraged to report GRE scores, especially if the applicant's background is broad or other than a traditional design major, but it is not required.

Admission to the program is selective. Admission cannot be deferred; students must enroll in the semester for which they are admitted; otherwise, they will need to go through the entire application process again for the year in which they are applying.

A personal interview is not required; however, a candidate wishing to visit the school is welcome and should make arrangements by contacting the department.

Additional Admission Information

Admission Requirements to the 2-Year Pathway

An applicant must have completed a four-year bachelor's degree with a major in landscape architectural studies or be a licensed landscape architect. The undergraduate degree must be granted by an institution that offers the Landscape Architectural Accreditation Board (LAAB) accredited degree program in landscape architecture.

Admission Requirements to the 2-Year Plus Pathway

Applicants must have earned a undergraduate or graduate degree in architecture, urban design, landscape design, planning, urban design, or a related design field or applicants with a baccalaureate degree with a major or minor in landscape design.

Admission Requirements to the 3-Year Plus Pathway

Applicants must have earned a baccalaureate or graduate degree in any field other than landscape architecture.

Deficiency Coursework

If a student is assigned any deficiency coursework by the academic unit upon admission depending on the undergraduate background, those courses must be completed with a grade of "B" (3.00) or higher before completing the master's program required coursework. As an MLA student assigned deficiencies, there are two pathways. One is MLA 3+ with up to 42 credits hours beginning in the summer and the other is MLA 2+ with up to 15 credit hours beginning in the spring. Deficiency courses may include:

ALA 235 Introduction to Computer Modeling (3)

APH 509 Foundation Seminar (3)

LAP 352 Ecosystems and Sustainable Design (3)

LAP 254 Plant Materials (3)

LDE 590 Topic: Core Landscape Architectural Studio I (6)

LDE 590 Topic: Core Landscape Architectural Studio II (6)

LDE 590 Topic: Foundation Landscape Architecture Studio (6)

LPH 310 History of Landscape Architecture (3)

LPH 311 20th Century Landscape Architecture (3)

LTC 343 Landscape Construction I (3)

LTC 344 Landscape Construction II (3)

Contact Information:

Design & the Arts, Herberger Institute for

The Design School

<https://design.asu.edu>

CDN 162

designgrad@asu.edu

480-965-3536

Media Arts and Sciences, PHD (FAMASPHD)

Online Degree Search Title: Media Arts and Sciences, PhD

Campus: Tempe

Program Description:

Media arts and sciences is a PhD program housed in the transdisciplinary School of Arts, Media and Engineering.

Doctoral students are provided unique opportunities to engage in knowledge creation at the intersection of computational arts and sciences using the most advanced practice-based and theoretical methods. At the core of this program is a commitment to designing curriculum tailored to each student-researcher in conjunction with diverse faculty, labs and centers. This allows the program to facilitate the development of innovative, experiential media systems that can respond to the world's most pressing challenges.

The School of Arts, Media and Engineering is devoted to producing research at the highest scholarly, artistic and technological levels. The opportunity for active participation in transdisciplinary research teams allows media arts and sciences doctoral students to gain valuable experience as both agents of their own research and education, while fostering opportunities for collaborative and embedded research.

Students admitted into the media arts and sciences doctoral program can pursue research at the intersection of any of these and other fields:

- acoustic ecology
- AI and machine learning
- auditory culture
- critical media theory
- design
- digital composition and performance
- experiential media
- food design and sensory science
- mediated rehabilitation
- philosophical technologies
- public participation in science
- responsive environments

- social and embedded design
- somatic and movement studies
- sustainability and critical climate studies
- system engineering
- urban climate infrastructure
- virtual and augmented reality

Degree Requirements:

84 credit hours, a written comprehensive exam, a prospectus and a dissertation.

The requirements for this program are comprised of 39 course credit hours, which include 30 from the transdisciplinary media courses offered by the School of Arts, Media and Engineering; 33 research credit hours; and 12 dissertation credit hours. All students are required to take a minimum of two courses under each of the five constituting areas of experiential media (30 credit hours).

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in arts, humanities, design, media studies, computer science, engineering or a closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- official GRE scores
- curriculum vitae
- statement of purpose
- three letters of recommendation
- portfolio of supporting material
- writing sample
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The statement of purpose should explain in a concise and persuasive manner how the student's educational, professional and personal experiences inform their research and creative interests, and the student should elaborate on any aspect of their background that supports candidacy to the School of Arts, Media and Engineering program.

Each applicant must demonstrate entry-level competencies. This can be demonstrated primarily through a portfolio. The portfolio may include previously developed media products, projects or publications demonstrating an understanding of and involvement with digital media and computation. Entry-level competency can also be partially demonstrated through coursework and may include such courses as:

- advanced computer programming
- computer graphics and animation
- computer music
- digital design
- film theory
- interactive technologies
- media authoring tools
- media theory
- multimedia systems
- signal processing

Students should see the program website for application deadlines and admission terms.

Contact Information:

Design & the Arts, Herberger Institute for
Arts, Media and Engineering Sch T

Music (Conducting), DMA (FACONDDMA)

Online Degree Search Title: Conducting, DMA

Campus: Tempe

Program Description:

The DMA program in music with a concentration in conducting (emphasis areas: choral, orchestra and opera, wind band) offers emerging conductors the opportunity to improve their art, craft and scholarship while becoming well-versed in multiple areas of conducting.

Those pursuing this degree take several common courses regardless of emphasis and become acquainted with the repertory and conducting issues for each medium. Coursework emphasizes a thorough knowledge of repertory, historical and analytical issues; an understanding of efficient, effective rehearsal technique; and clear, expressive conducting technique. Doctoral students of conducting receive considerable individual attention and have regular opportunities to rehearse and conduct a variety of ensembles.

There are three tracks in this degree program:

Choral conducting --- Conductors specializing in choral conducting expand their expertise in vocal technique and work to integrate this into their pedagogy and rehearsal process. Score study integrates musical and textual analysis to gain insights into the unique interpretive demands of each work. Through these studies and those described above, conductors enhance their musical and interpretive skills and develop a collaborative leadership style.

Orchestra and opera conducting --- Conductors specializing in orchestra and opera conducting work closely with the director of orchestras and the artistic director of the music theatre and opera program and gain a breadth of experience in both orchestral and opera conducting. Time in front of an ensemble is essential, and therefore conductors have significant podium time as well as twice-weekly studio chamber orchestra classes. Study includes conducting technique, rehearsal technique, leadership, interpretation, score study, audience development and outreach, and career development.

Wind band conducting --- Conductors specializing in wind band conducting study privately with the director of ensembles and work closely with other members of the conducting faculty to develop their conducting and rehearsal skills. If interested, wind band conducting students also have opportunities to enhance their work with athletic bands and, if desired, may elect individual study with the director of athletic bands. Furthermore, many students select integrated conducting as their cognate, allowing for in-depth work in a second conducting area.

As a part of their course of study, wind band conducting students meet in seminars to further deepen and broaden their understanding of the psychology, score preparation methods, pedagogy and communication skills that underlie the art and craft of conducting in a band setting. Seminars are designed to expand students' capacity for analytical thinking; additionally, dialogical skills are challenged and, subsequently, enhanced.

Podium time is essential for the development of conducting skills; therefore, wind band conductors enjoy significant time leading the ASU Wind Ensemble and Wind Symphony and serve as co-directors of the ASU Concert Band. Another exciting opportunity at ASU is a stand along graduate level chamber wind group that the wind band conducting students get to work with twice a week.

The doctoral program lecture recital is a performance with the top pool of wind and percussion players in the School of Music, Dance and Theatre and include repertoire chosen from the complete body of wind band and chamber wind literature.

Degree Requirements:

90 credit hours, a written comprehensive exam, an oral comprehensive exam and a research paper.

Conducting Core (18 credit hours)

Specialty Courses (9 credit hours)

Electives (9 credit hours)

Cognate (integrated conducting, instrumental performance or music education) (9 credit hours)

Music History and Music Theory (21 credit hours)

Recitals and Research (24 credit hours)

Other Requirement

Completion of diagnostic exams in music history and music theory is required of all new graduate music students prior to course enrollment in the ASU School of Music, Dance and Theatre.

Additional Curriculum Information

Thirty credit hours from a master's degree may be applied toward the 90 credit hour degree requirement. Once admitted to the program, a student is required to be enrolled continuously, excluding summer sessions, until all requirements for the degree have been fulfilled. In general, the student should expect to spend at least the equivalent of three academic years beyond the bachelor's degree in the program. A minimum of two semesters must be spent in continuous full-time residence at ASU. At least 54 credit hours must be completed in residence at ASU.

Additional information on degree requirements for all graduate music programs may be found on the check sheets posted here: <https://music.asu.edu/degree-programs/graduate/> (<https://music.asu.edu/degree-programs/graduate/>).

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution. Students seeking admission typically hold a Master of Music degree. Applicants with other degrees are considered if they have received graduate training similar to that normally expected in an MM program.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee: <https://admission.asu.edu/graduate> (<https://admission.asu.edu/graduate>)
- official transcripts
- School of Music, Dance and Theatre Application (including a resume and personal statement; also an uploaded writing sample from choral applicants): <https://music.asu.edu/admissions/grad/> (<https://music.asu.edu/admissions/graduate-steps-to-apply>)
- prescreening video
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency: TOEFL score of at least 550 (PBT) or 80 (iBT), IELTS overall band score of at least 6.5, or Pearson Test of English score of at least 60.

Students should see the program website for application deadlines. After receipt of complete application materials (including recommendation letters, transcripts and English proficiency requirements) and review of prescreening materials, an applicant may be invited for a live audition. Information on the audition may be found at <https://music.asu.edu/admissions/graduate-auditions> (<https://music.asu.edu/admissions/graduate-auditions>).

Contact Information:

Design & the Arts, Herberger Institute for
School of Music, Dance and Theatre

<https://musicdancetheatre.asu.edu/degree-programs/music/conducting?dept=392823&id=1>

MUSIC E167

MDTAdmissions@asu.edu

480-965-5069

Music (Ethnomusicology), MA (FAETHNMA)

Online Degree Search Title: Ethnomusicology, MA

Campus: Tempe

Program Description:

The MA program in music with a concentration in ethnomusicology helps students develop skills in scholarship and performance as they focus on aspects of one or more of the world's musical cultures.

Students can explore performance styles outside the Western European canon through participation in ensembles such as Javanese gamelan, Latin marimba, mariachi, steel pan and African drumming. As a culminating demonstration of professional capability in the major field, the student must submit a final project that demonstrates advanced competence in research and writing in musicology or ethnomusicology. The final project may be a thesis, a series of special papers or a written work of equivalent scope and depth.

Degree Requirements:

30 credit hours, a thesis, a written comprehensive exam, an oral comprehensive exam and a foreign language exam.

Required Core (13 credit hours)

MHL 532 Music Bibliography (3)

MHL 668 Introduction to Ethnomusicology (3)

MUP 587 Ethnomusicology Ensemble (2)

music theory (5)

Electives (9 credit hours)

music electives (6-9)

open electives (0-3)

Research (2 credit hours)

MHL 592 Research (2)

Culminating Experience (6 credit hours)

MHL 599 Thesis (6)

Additional Curriculum Information

MHL 592 Research is taken concurrently with the second semester of MUP 587 Ethnomusicology Ensemble (1).

At least 20 credit hours for the program must be in the field of ethnomusicology or related fields approved by the student's advisor, complemented by courses in music theory, performance and cultural anthropology as listed above. Appropriate elective coursework is reviewed and approved by the academic unit prior to inclusion on the student plan of study. No more than three credit hours of musicology may apply to the music electives requirement.

Completion of diagnostic exams in music history and music theory is required of all new graduate music students prior to enrollment in courses for these programs through the ASU School of Music, Dance and Theatre list above. This is tracked internally within the academic unit.

A passing grade on the foreign language exam in French, German, Italian or Spanish is required for graduation.

Additional information on degree requirements for all graduate music programs may be found on the check sheets posted under each degree here: <https://music.asu.edu/degree-programs/graduate/>. (<https://music.asu.edu/degree-programs/graduate/>)

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution or from an international institution officially recognized by that country.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00="A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00="A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee: <https://admission.asu.edu/graduate> (<https://admission.asu.edu/graduate>)
- School of Music, Dance and Theatre application (including a resume, personal statement and writing sample):

<https://music.asu.edu/admissions/graduate-steps-to-apply> (<https://music.asu.edu/admissions/graduate-steps-to-apply>)

- three letters of recommendation
- official transcripts
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency:

<https://admission.asu.edu/international/graduate/english-proficiency> (<https://admission.asu.edu/international/graduate/english-proficiency>).

The School of Music, Dance and Theatre does not offer conditional admission under any circumstances. Although a bachelor's degree in music is not required to be eligible for admission, applicants who do not hold an undergraduate degree in music are required to complete the deficiency courses listed below, which are not a part of the coursework for this graduate degree in music. These courses or their equivalents may be taken at ASU, at another accredited university or at a community college before or after admission to this program, but they must be completed prior to commencement of graduate-level course requirements in music history and music theory.

MTC 125 Basic Music Theory
MTC 221 Music Theory: 18th Century
MTC 222 Music Theory: 19th Century
MTC 223 Music Theory: 20th Century
MHL 140 Music as Culture
MHL 341 Music History I
MHL 342 Music History II

Students should see the program website for application deadlines.

Contact Information:

Design & the Arts, Herberger Institute for
School of Music, Dance and Theatre
<https://musicdancetheatre.asu.edu/degree-programs/music/musicology?dept=392823&id=1>
MUSIC E167
MDTAdmissions@asu.edu
480-965-5069

Music (Interdisciplinary Digital Media), DMA (FAINTDDMA)

Online Degree Search Title: Music (Interdisciplinary Digital Media), DMA

Campus: Tempe

Program Description:

The DMA program in music with a concentration in interdisciplinary digital media is a unique collaboration of the School of Music, Dance and Theatre and School of Arts, Media and Engineering. This degree program is designed for students who have interests and the creative skills to work within a cross-section of the arts and sciences.

Program offerings extend beyond typical music coursework of the School of Music, Dance and Theatre, to allow more opportunities for digital sound and experimental media projects.

The program also allows the School of Music, Dance and Theatre and its students to be actively involved in current developments in the ever-changing field of media and digital culture. The state-of-the-art media facilities of the School of Arts, Media and Engineering and its hybrid arts-engineering faculty and courses in electronic music are invaluable assets to music students, with resources that complement existing and future courses in electronic music.

This program provides extensive faculty interaction from both the School of Music, Dance and Theatre and the School of Arts, Media and Engineering.

Degree Requirements:

90 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (25-27 credit hours)

Music Theory Core Area (12-19)

Music History Core Area (6-15)

Concentration (33 credit hours)

MTC 523 Advanced Composition (6)

MTC 723 Advanced Composition (6)

Arts, Media and Engineering coursework (21)

Electives (9-11 credit hours)

Research (9 credit hours)

MTC 792 Research (9)

Culminating Experience (12 credit hours)

MTC 799 Dissertation (12)

Additional Curriculum Information

Completion of diagnostic exams in music history and music theory is required of all new graduate music students prior to enrollment in the ASU School of Music, Dance and Theatre.

Concentration coursework for the Arts, Media and Engineering area must be from the AME prefix.

This program accepts up to 30 credit hours from a previously awarded master's degree with approval from the academic unit and the Graduate College that may be used toward the hours required for the elective and concentration coursework.

Additional information on degree requirements for all graduate music programs may be found on the check sheets posted here: <https://music.asu.edu/degree-programs/graduate/> (<https://music.asu.edu/degree-programs/graduate/>).

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a U.S. bachelor's degree or higher from a regionally accredited institution or the equivalent of a U.S. bachelor's degree from an institution in another country and officially recognized by that country.

Applicants must have achieved a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 semester hours or 90 quarter hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee: <https://admission.asu.edu/graduate> (<https://admission.asu.edu/graduate>)
- School of Music, Dance and Theatre application (including a resume and personal statement): <https://music.asu.edu/admissions/grad/> (<https://music.asu.edu/admissions/graduate-steps-to-apply>)
- official transcripts
- GRE or MAT scores
- prescreening portfolio: <https://music.asu.edu/admissions/graduate-recordings-portfolios/> (<https://music.asu.edu/admissions/graduate-recordings-portfolios/>)
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. The School of Music, Dance and Theatre does not offer conditional admission under any circumstances. In order to meet English proficiency requirements, students should have a TOEFL score of at least 550 (PBT) or 80 (iBT), or IELTS overall band score of at least 6.5, or Pearson Test of English score of at least 60.

Students should see the program website for application deadlines.

After all application materials are received and reviewed, including recommendation letters, transcripts and English proficiency requirements, an applicant may be invited for a live interview. Information about the interview may be found at <https://music.asu.edu/admissions/graduate-auditions> (<https://music.asu.edu/admissions/graduate-auditions>).

Contact Information:

Design & the Arts, Herberger Institute for

School of Music, Dance and Theatre

<https://musicdancetheatre.asu.edu/degree-programs/music/composition-theory?dept=392823&id=1>

MUSIC E167

MDTAdmissions@asu.edu

480-965-5069

Music (Music Composition), DMA (FACOMPDMA)

Online Degree Search Title: Music Composition, DMA

Campus: Tempe

Program Description:

The DMA in music with a concentration in music composition is a comprehensive professional degree program designed for outstanding students of composition who are preparing for professional careers, including teaching positions at the university level.

This degree program provides extensive faculty interaction as well as opportunities to develop advanced skills in traditional and contemporary compositional techniques with emphasis on fostering students' personal approach to composition. The opportunity to collaborate with music scholars, theorists, performers, educators and other composers provides students with a broad and well-rounded foundation for advanced careers in music.

Degree Requirements:

90 credit hours, a foreign language exam, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

The credit requirements for the degree are distributed as follows:

major area (composition, music technology, electives) (36 credit hours)

music theory and music history (30 credit hours)

research (12 credit hours)

dissertation (12 credit hours)

The music composition concentration requires the creation of a significant original work of music (considered to be a dissertation) and either two article-length research papers or a substantial paper.

Additional Curriculum Requirements

Completion of diagnostic exams in music history and music theory is required of all new graduate music students prior to enrollment in the ASU School of Music, Dance and Theatre.

Thirty credit hours from a master's degree may be applied toward the 90 credit hour degree requirement. Once admitted to the program, a student is required to be enrolled continuously, excluding summer sessions, until all requirements for the degree have been fulfilled. In general, the student should expect to spend at least the equivalent of three academic years in the program beyond the master's degree. A minimum of two semesters must be spent in continuous full-time residence at ASU. At least 54 credit hours must be completed in residence at ASU.

Additional information about degree requirements for all graduate music programs may be found on the check sheets.

<https://music.asu.edu/degree-programs/graduate/> (<https://music.asu.edu/degree-programs/graduate/>)

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a U.S. bachelor's degree or higher from a regionally accredited institution or the equivalent of a U.S. bachelor's degree from an institution in another country that is officially recognized by that country.

Applicants must have achieved a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 semester hours or 90 quarter hours of a bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee: <https://admission.asu.edu/graduate> (<https://admission.asu.edu/graduate>)
- School of Music, Dance and Theatre application (including a resume and personal statement): <https://music.asu.edu/admissions/graduate-steps-to-apply> (<https://music.asu.edu/admissions/graduate-steps-to-apply>)
- official transcripts
- prescreening portfolio
- GRE or MAT scores
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. The School of Music, Dance and Theatre does not offer conditional admission under any circumstances. In order to meet English proficiency requirements, students should have a TOEFL score of at least 550 (PBT) or 80 (iBT), or an IELTS overall band score of at least 6.5, or a Pearson Test of English score of at least 60.

Students should see the program website for application deadlines.

After receipt of complete application materials (including recommendation letters, transcripts and English proficiency) and review of prescreening materials, an applicant may be invited for an interview. Information about the interview may be found at <https://music.asu.edu/admissions/graduate-auditions> (<https://music.asu.edu/admissions/graduate-auditions>).

Contact Information:

Design & the Arts, Herberger Institute for
School of Music, Dance and Theatre

<https://musicdancetheatre.asu.edu/degree-programs/music/composition-theory>

MUSIC E167
MDTAdmissions@asu.edu
480-965-5069

Music (Music Learning and Teaching), PHD (FAMUSEDPHD)

Online Degree Search Title: Music (Music Learning and Teaching), PhD

Campus: Tempe

This program's name has changed effective Fall 2020. The previous name was Music (Music Education).

Program Description:

The PhD in music with a concentration in music learning and teaching is a scholarly research degree. Graduates of this program typically serve as faculty members at colleges or universities. Students become scholars, researchers, music and arts administrators, and public policy advisors to education and arts organizations or civic and governmental groups.

The music learning and teaching doctoral program includes highly specialized study in music education, elective studies with scholars and artists in the Herberger Institute for Design and the Arts, and opportunities for transdisciplinary elective study with faculty in schools and colleges across the university. A plan of study is designed by the student in consultation with the faculty to support a research trajectory identified by the student.

Research conducted by students in the music learning and teaching concentration aims to reexamine, interrogate and broaden discourse, practice and policy in music education, and to expand music and education scholarship by challenging methodological and disciplinary boundaries. The program concludes with dissertation research.

Degree Requirements:

90 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (10 credit hours)

MSI 601 Contemporary Topics in Music Research (2)

MSI 602 Current Issues in Music Research (2)

MSI 755 Historical Research in Music (3)

MTC 520 Analytical Techniques (3)

Concentration (30 credit hours)

Electives (29 credit hours)

Research (6 credit hours)

Other Requirements (3 credit hours)

MUE 784 Internship (3)

Culminating Experience (12 credit hours)

MUE 799 Dissertation (12)

Additional Curriculum Information

Completion of diagnostic exams in music history and music theory is required of all new graduate music students prior to enrollment in the ASU School of Music, Dance and Theatre.

Students should see the academic unit for a complete list of approved electives.

When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used for this degree. A minimum of two semesters must be spent in continuous full-time residence at ASU.

Additional information on degree requirements for all graduate music programs may be found on the check sheets: <https://music.asu.edu/degree-programs/graduate/> (<https://music.asu.edu/degree-programs/graduate/>).

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply if they have earned a U.S. bachelor's degree or higher from a regionally accredited institution or the equivalent of a U.S. bachelor's degree from an institution in another country that is officially recognized by that country.

Applicants must have achieved a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 semester hours or 90 quarter hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee: <https://admission.asu.edu/graduate> (<https://admission.asu.edu/graduate>)
- School of Music, Dance and Theatre application (including curriculum vitae, personal statement and a writing sample):

<https://music.asu.edu/admissions/graduate-steps-to-apply> (<https://music.asu.edu/admissions/graduate-steps-to-apply>)

- official transcripts
- teaching demonstration video
- GRE or MAT scores
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. The School of Music, Dance and Theatre does not offer conditional admission under any circumstances. In order to meet English proficiency requirements, students should have a TOEFL score of at least 550 (PBT) or 80 (iBT), or an IELTS overall band score of at least 6.5, or a Pearson Test of English score of at least 60. <https://admission.asu.edu/international/graduate/english-proficiency> (<https://admission.asu.edu/international/graduate/english-proficiency>).

Applications are accepted and reviewed on a rolling basis until all spaces are filled. Applicants are encouraged to apply as early as possible. Students should see the program website for more information on application deadlines. To ensure prompt processing of application, students should email MusicAdmissions@asu.edu (<mailto:MusicAdmissions@asu.edu>) after submitting an application. An interview with the music learning and teaching doctoral faculty in person or via electronic media is scheduled after review of application materials. GRE or MAT scores may be submitted after deadlines, but these must be received before enrollment at ASU.

Contact Information:

Design & the Arts, Herberger Institute for
School of Music, Dance and Theatre

<https://musicdancetheatre.asu.edu/degree-programs/music/music-learning-and-teaching?dept=392823&id=1>

MUSIC E167

MDTAdmissions@asu.edu

480-965-5069

Music (Musicology), MA (FAMHISTMA)

Online Degree Search Title: Music (Musicology), MA

Campus: Tempe

Program Description:

In the MA program in music, faculty members provide and participate in multisensory learning experiences concerning forms and genres, performance practices, instruments, spaces, philosophies, musical infrastructures and geographic locations. The faculty comprises leading scholars specializing in Western and non-western music, particularly traditions in the Americas and Eastern Europe (Russia, Ukraine, USSR); musics of the Middle East, Central Asia, Latin America and Indonesia; Medieval music cultures, the long nineteenth century, jazz, music in popular cultures, musical modernism and experimentalism, intellectual property law, cultural policy, improvisation, sound studies, ecomusicology, dance and embodiment, and music's role in well-being.

As a culminating demonstration of professional capability in the major field, the student must submit a final project that demonstrates advanced competence in research and writing in musicology or ethnomusicology. The final project may be a thesis, a series of special papers or a written work of equivalent scope and depth.

Students work in individual and small group settings to identify research topics of interest culminating in a final thesis.

Degree Requirements:

30 credit hours, a thesis, a written comprehensive exam, an oral comprehensive exam and a foreign language exam.

Required Core (14 credit hours)

MHL 532 Music Bibliography (3)

MHL 691 Seminars (6)

music theory (5)

Electives (8 credit hours)

music electives (5-8)
open electives (0-3)

Other Requirement (2 credit hours)
performance ensembles (2)

Culminating Experience (6 credit hours)
MHL 599 Thesis (6)

Additional Curriculum Information

Completion of diagnostic exams in music history and music theory is required of all new graduate music students prior to enrollment in courses for these programs through the ASU School of Music, Dance and Theatre. This is tracked internally within the academic unit.

At least 20 credit hours of this program must be in the field of music history and literature.

Appropriate elective coursework will be reviewed and approved by the academic unit prior to inclusion on the student's plan of study. Students may not apply more than three credit hours of ethnomusicology courses toward their plan of study.

A passing grade on the foreign language exam in French, German, Italian or Spanish is required for graduation.

Additional information on degree requirements for all graduate music programs may be found on the check sheets. <https://music.asu.edu/degree-programs/graduate/> (<https://music.asu.edu/degree-programs/graduate/>)

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a U.S. bachelor's degree or higher from a regionally accredited institution or the equivalent of a U.S. bachelor's degree from an institution in another country that is officially recognized by that country.

Applicants must have achieved a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 semester hours or 90 quarter hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee: <https://admission.asu.edu/graduate> (<https://admission.asu.edu/graduate>)
- School of Music, Dance and Theatre application (including a resume, personal statement and writing sample):

<https://music.asu.edu/admissions/graduate-steps-to-apply> (<https://music.asu.edu/admissions/graduate-steps-to-apply>)

- official transcripts
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. The School of Music, Dance and Theatre does not offer conditional admission under any circumstances. In order to meet English proficiency requirements, students should have a TOEFL score of at least 550 (PBT) or 80 (iBT), or an IELTS overall band score of at least 6.5, or a Pearson Test of English score of at least 60. <https://admission.asu.edu/international/graduate/english-proficiency> (<https://admission.asu.edu/international/graduate/english-proficiency>)

Although a bachelor's degree in music is not required to be eligible for admission, applicants who do not hold an undergraduate degree in music are required to complete the deficiency courses listed below, which are not a part of the coursework for this graduate degree in music. These courses (or their equivalents) may be taken at ASU, another accredited university or a community college before or after admission to this program, but must be completed prior to commencement of graduate-level course requirements in music history and music theory.

MHL 140 Music as Culture
MHL 341 Music History I
MHL 342 Music History II
MTC 125 Basic Music Theory
MTC 221 Music Theory: 18th Century
MTC 222 Music Theory: 19th Century
MTC 223 Music Theory: 20th Century

Students should see the program website for application deadlines.

Contact Information:

Design & the Arts, Herberger Institute for
School of Music, Dance and Theatre

<https://musicdancetheatre.asu.edu/degree-programs/music/musicology?dept=392823&id=1>

MUSIC E167

MDTAdmissions@asu.edu

480-965-5069

Music (Musicology), PHD (HIMUSMPHD)

Online Degree Search Title: Music (Musicology), PhD

Campus: Tempe

Program Description:

The PhD program in music with a concentration in musicology focuses on the scholarly study of music in historical contexts, musical traditions as sociocultural artifact and behavior, and performance. These areas are approached through investigation forms and genres, performance practices, instruments, spaces, philosophies, musical infrastructures and geographic locations. Faculty members include Sabine Feisst, Dave Fossum, Kay Norton, Catherine Saucier, Peter Schmelz, Ted Solis, Christopher J. Wells, and faculty associate Bliss Little.

Coursework includes historiography, applied musicology, methodologies and pedagogy. Transdisciplinary studies are encouraged with scholars and artists in the School of Music, Dance and Theatre (e.g., a studio professor, music theorist, or composer), the Herberger Institute for Design and the Arts (e.g., a Design or Dance faculty member), and faculty in schools and institutes across the university (e.g., specialists in languages, regions or cultures).

A plan of study is designed by the student with the faculty to support an individualized research trajectory. Research conducted by students in the doctoral program in musicology aims to examine and interrogate the discipline of musicology and to expand the traditional boundaries of music scholarship by challenging methodological and disciplinary boundaries. The program concludes with a dissertation.

Degree Requirements:

90 credit hours, a written comprehensive exam, an oral comprehensive exam, two foreign language exams, and a dissertation.

Required Core (10 credit hours)

MSI 601 Contemporary Topics in Music Research (2)

MSI 602 Current Issues in Music Research (2)

MSI 755 Historical Research in Music (3)

MTC 520 Analytical Techniques (3)

Concentration (15 credit hours)

MHL 632 Applied Musicology (3)

MHL 668 Introduction to Ethnomusicology (3)

MHL 691 Seminars (9)

Electives and Research (17 credit hours)

Other Requirement (6 credit hours)

MHL 684 Internship (6)

Culminating Experience (12 credit hours)

MHL 799 Dissertation (12)

Additional Curriculum Information

Completion of diagnostic exams in music history and music theory is required of all new graduate music students prior to enrollment in the ASU School of Music, Dance and Theatre.

Students take three seminars for three credit hours each for the concentration. Equivalent courses may be used with preapproval by the student's faculty advisor. No more than six credit hours outside of the School of Music, Dance and Theatre may apply to this requirement.

Students should see the academic unit for a complete list of approved electives and research courses.

When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used for this degree program. Students entering the program without an earned MA degree will complete the requirements for the Master of Arts in music with a concentration in ethnomusicology or music history and literature.

Additional information on degree requirements for all graduate music programs may be found on the check-sheets. <https://music.asu.edu/degree-programs/graduate/> (<https://music.asu.edu/degree-programs/graduate/>)

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a U. S. bachelor's degree in music or a graduate degree from an accredited college or university of recognized standing in music history, musicology, ethnomusicology or music theory.

Applicants must have achieved a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 semester hours or 90 quarter hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee: <https://admission.asu.edu/graduate> (<https://admission.asu.edu/graduate>)
- School of Music, Dance and Theatre application
- official transcripts
- GRE scores
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. The School of Music, Dance and Theatre does not offer conditional admission under any circumstances: <https://admission.asu.edu/international/graduate/english-proficiency> (<https://admission.asu.edu/international/graduate/english-proficiency>). In order to meet English proficiency requirements, students should have a TOEFL score of at least 550 (PBT) or 80 (iBT), or an IELTS overall band score of at least 6.5, or a Pearson Test of English score of at least 60.

The School of Music, Dance and Theatre application must include a curriculum vitae, a two-page personal statement expressing the goal in pursuing this degree and two writing samples): <https://music.asu.edu/admissions/graduate-steps-to-apply> (<https://music.asu.edu/admissions/graduate-steps-to-apply>)

Two writing samples must be submitted with the School of Music, Dance and Theatre application. It's preferable that each of these samples be a paper from a course, either an upper-level undergraduate course or a graduate course, or an article or document written by the applicant.

Students should see the program website for application deadlines.

Contact Information:

Design & the Arts, Herberger Institute for
School of Music, Dance and Theatre

<https://musicdancetheatre.asu.edu/degree-programs/music/musicology?dept=392823&id=1>

MUSIC E167

MDTAdmissions@asu.edu

460-965-5069

Music (Performance), DMA (FAPERFDMA)

Online Degree Search Title: Music Performance, DMA

Campus: Tempe

Program Description:

The DMA in music with a concentration in performance is a professional degree program for advanced musicians desiring high levels of performance instruction and experience as well as preparation for teaching positions at the university level. Students work with faculty mentors toward achieving a professional level of performance through individual recitals, chamber music, choral, orchestral, jazz, musical theatre and operatic ensembles, depending on their area of emphasis.

Performance opportunities both on and off campus further develop the knowledge and abilities necessary to become a leader in a musical community through teaching, performing or arts advocacy. The program provides students the opportunity to work closely with an individual faculty mentor and distinguished guest artists to further enhance musical growth. Students serve as leaders, mentors and models for their younger colleagues in performances, pedagogical experiences and community engagement. The opportunity to collaborate with music scholars, theorists, composers, educators and other performers provides students with the variety of experiences and skills necessary for artistic excellence and leadership in the 21st century.

Degree Requirements:

90 credit hours, a research paper, a written comprehensive exam, and an oral comprehensive exam.

The credit requirements for the degree are distributed as follows:

major area (studio instruction, courses in concentration) (39 credit hours)

music history and music theory (27 credit hours)

recitals and research (24 credit hours)

The performance concentration requires at least three recitals after admission to the program and a research paper or project. Five recitals are required for the collaborative piano track.

Additional Curriculum Requirements

Completion of diagnostic exams in music history and music theory is required of all new graduate music students prior to enrollment in the ASU School of Music, Dance and Theatre.

Thirty credit hours from a master's degree may be applied toward the 90 credit hour degree requirement. Once admitted to the program, a student is required to be enrolled continuously, excluding summer sessions, until all requirements for the degree have been fulfilled. In general, the student should expect to spend at least the equivalent of three academic years in the program beyond the bachelor's degree. A minimum of two semesters must be spent in continuous full-time residence at ASU. At least 54 credit hours must be completed in residence at ASU.

Vocalists: Placement tests in both foreign language diction and sight-singing are required upon entry into the program. Students who are judged to be deficient in diction are required to complete and pass a course in advanced diction. Students who are judged to be deficient in sight-singing are required to complete and pass the Musicianship for Singers course.

Additional information about degree requirements for all graduate music programs may be found on the check sheets:

<https://music.asu.edu/degree-programs/graduate/> (<https://music.asu.edu/degree-programs/graduate/>).

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a U.S. bachelor's degree or higher from a regionally accredited institution or the equivalent of a U.S. bachelor's degree from an institution in another country that is officially recognized by that country. Students seeking admission typically hold a Master of Music degree. Applicants with other degrees are considered if they have received graduate training similar to that normally expected in a Master of Music program.

Applicants must have achieved a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 semester hours or 90 quarter hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee: <https://admission.asu.edu/graduate> (<https://admission.asu.edu/graduate>)
- School of Music, Dance and Theatre application (including a resume, personal statement and repertoire list):

<https://music.asu.edu/admissions/graduate-steps-to-apply> (<https://music.asu.edu/admissions/graduate-steps-to-apply>)

- official transcripts
- prescreening recording
- piano pedagogy applicants: teaching demonstration video
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. The School of Music, Dance and Theatre does not offer conditional admission under any circumstances. In order to meet English proficiency requirements, students should have a TOEFL score of at least 550 (PBT) or 80 (iBT), or an IELTS overall band score of at least 6.5, or a Pearson Test of English score of at least 60.

Students should see the program website for application deadlines.

After the applicant's complete application materials are received (including recommendation letters, transcripts and English proficiency) and a review has been conducted of prescreening materials, an applicant may be invited for a live audition. Information about the audition may be found at <https://music.asu.edu/admissions/graduate-auditions> (<https://music.asu.edu/admissions/graduate-auditions>).

Contact Information:

Design & the Arts, Herberger Institute for
School of Music, Dance and Theatre
<https://musicdancetheatre.asu.edu/degree-programs/music-performance-dma-dma>
MUSIC E167
MDTAdmissions@asu.edu
480-965-5069

Music Entrepreneurship (Certificate), Certificate (HIMERTGRCT)

Online Degree Search Title: Music Entrepreneurship (Graduate Certificate)

Campus: Tempe

Program Description:

Music entrepreneurship is a discipline that intersects the traditional music disciplines. Music entrepreneurship harnesses the skills and mindset of the entrepreneur to empower musicians to create work that is meaningful, sustainable and oriented to community and market need. Students in music or students with a background in music benefit from the business, marketing and organizational skills offered by certificate courses as applied specifically to and within the arts.

Degree Requirements:

Required Core (3 credit hours)

MUP 538 The Enterprising Musician (3)

Electives (9 credit hours)

Internship (3 credit hours)

MSC 584 Internship (3)

Additional Curriculum Information

In consultation with the faculty coordinator, students select three electives based on their interests and goals for the certificate.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in music or related field, from a regionally accredited institution, or can demonstrate a background in music.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:

- graduate admission application and application fee
- official transcripts
- written statement
- interview
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa need to first apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

Applicants may be admitted to the certificate by submitting a statement of interest outlining their music background and personal goals. Applicants also interview with program faculty to demonstrate their music-related skills.

Contact Information:

Design & the Arts, Herberger Institute for
School of Music, Dance and Theatre
<https://musicdancetheatre.asu.edu/>
MUSIC 167
MDTAdmissions@asu.edu
480-965-5069

Music Learning and Teaching, MM (FAMUSEDMM)

Online Degree Search Title: Music Learning and Teaching, MM

Campus: Tempe

This program's name has changed effective Fall 2020. The previous name was Music Education.

Program Description:

The MM program in music learning and teaching is designed for individuals interested in music learning or in teaching music in public and private schools, community education settings, early childhood programs and adult education. Practicing teachers as well as community musicians and music educators interested in advanced studies in music teaching and learning may enroll.

Students may elect courses in each part of the degree program and may design a course of study that meets their specific interests and needs. The program provides opportunities to study full time, part time (through evening courses), in the summers only, or by combining full-time, part-time and summer study. Full-time students may complete the program in as little as one year.

Degree Requirements:

32 credit hours and a written comprehensive exam.

The degree credit requirements are distributed as follows:

music education core (10 credit hours)
musicianship core (10 credit hours)
specialization (12 credit hours)

Additional Curriculum Requirements

Completion of diagnostic exams in music history and music theory is required of all new graduate music students prior to enrollment in the ASU School of Music, Dance and Theatre.

Six credit hours may be transferred from another regionally accredited graduate institution. Up to nine credit hours may be taken prior to admission.

As part of the portfolio, students also must participate in an oral review that is monitored internally by the academic unit.

Additional information about degree requirements for all graduate music programs may be found on the check sheets.

<https://music.asu.edu/degree-programs/graduate/> (<https://music.asu.edu/degree-programs/graduate/>)

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a U.S. bachelor's degree or higher from a regionally accredited institution or the equivalent of a U.S. bachelor's degree from an institution in another country that is officially recognized by that country.

Applicants must have achieved a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 semester hours or 90 quarter hours of their first bachelor's degree program.

All applicants must submit:

- online graduate admission application and application fee
- School of Music, Dance and Theatre application (including a resume): <https://music.asu.edu/admissions/graduate-steps-to-apply> (<https://music.asu.edu/admissions/graduate-steps-to-apply>)
- official transcripts

- three letters of recommendation
- proof of English proficiency: <https://admission.asu.edu/international/graduate/english-proficiency>
(<https://admission.asu.edu/international/graduate/english-proficiency>)

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. The School of Music, Dance and Theatre does not offer conditional admission under any circumstances. In order to meet English proficiency requirements, students should have a TOEFL score of at least 550 (PBT) or 80 (iBT), or an IELTS overall band score of at least 6.5, or a Pearson Test of English score of at least 60.

Although a bachelor's degree in music is not required to be eligible for admission, applicants who do not hold an undergraduate degree in music are required to complete the deficiency courses listed below, which are not a part of the coursework for this graduate degree in music. These courses (or the equivalents) may be taken at ASU, another accredited university or a community college before or after admission to this program, but they must be completed prior to commencement of graduate-level course requirements in music history and music theory.

MHL 140 Music as Culture

MHL 341 Music History I

MHL 342 Music History II

MTC 125 Basic Music Theory

MTC 221 Music Theory: 18th Century

MTC 222 Music Theory: 19th Century

MTC 223 Music Theory: 20th Century

Applications are accepted until all spaces are filled and are reviewed on a rolling basis. Applicants are encouraged to apply as early as possible and should see the program website for more information about application deadlines. To ensure prompt processing of application, applicants should email MusicAdmissions@asu.edu (<mailto:MusicAdmissions@asu.edu>) after submitting an application.

Contact Information:

Design & the Arts, Herberger Institute for

School of Music, Dance and Theatre

<https://musicdancetheatre.asu.edu/degree-programs/music-learning-and-teaching-mm-mm>

MUSIC E167

MDTAdmissions@asu.edu

480-965-5069

Music Theory Pedagogy (Certificate), Certificate (HIMTPGRCT)

Online Degree Search Title: Music Theory Pedagogy (Graduate Certificate)

Campus: Tempe

Program Description:

This certificate in music theory pedagogy offers specialized study in music theory to help prepare students to teach undergraduate courses in fundamentals, harmony, musicianship and basic form analysis. Completion of this certificate indicates the student is prepared to offer instruction in basic music theory at the college level.

The certificate may be pursued concurrently with enrollment in a master's degree program or doctoral degree program in the School of Music, Dance and Theatre.

Degree Requirements:

15 credit hours.

Required Core (3 credit hours)

MTC 525 Pedagogy of Theory (3)

Other Requirement (3 credit hours)

MTC 584 Internship (3)

Electives (9 credit hours)

Additional Curriculum Information

Completion of diagnostic examinations in music history and music theory, administered by the School of Music, Dance and Theatre, is required of all new graduate music students before enrolling in any graduate academic courses towards the certificate program.

Electives are selected with advisor approval from MTC courses in analytical topics. Students should see the academic unit for a complete list of approved electives.

Admission Requirements:

Students who are interested in this certificate should email the academic unit prior to submitting an official application, to express their interest in the certificate.

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a U.S. bachelor's degree in music or music education from a regionally accredited institution or the equivalent of a U.S. bachelor's degree from an international institution officially recognized by that country. Other majors may be considered if applicants submit transcripts showing formal study in music theory and musicianship at least equivalent to what is required of ASU's undergraduate music majors (MHL 140, MHL 341 and MHL 342, MTC 125, MTC 221, MTC 222, and MTC 223). The music theory faculty review transcripts for equivalency. In some cases, course descriptions or syllabi are required to verify equivalency.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in any applicable graduate work.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- samples of work
- statement of interest
- proof of English language proficiency

Additional Admission Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission be considered for admission to this certificate program.

- TOEFL score of at least 550 (PBT) or 80 (iBT)
- IELTS overall band score of at least 6.5
- Pearson Test of English score of at least 60

Official transcripts must show a completed bachelor's degree from a regionally accredited institution in the U.S. or the equivalent of a U.S. bachelor's degree from an international institution that is officially recognized by that country. Also, if applicable, transcripts showing all coursework in music at the graduate level are required. The committee supervising this certificate program consider an applicant's undergraduate record (and graduate record if appropriate) in music theory, evaluating courses taken and grades received. A minimum GPA of 3.00 in these courses is required. International students applying to this certificate must also be in a degree program at ASU.

Applicants must submit a statement of interest offering reasons for applying to the certificate program and describing their experience and coursework in music theory. The essay should also indicate the applicant's level of piano proficiency (a necessary classroom skill) through a description of their study and their experience in keyboard performance.

Applicants also are asked to show proficiency in music theory by submitting samples of work, such as analytical papers and examples of music writing (harmonic part-writing or counterpoint exercises).

Contact Information:

Design & the Arts, Herberger Institute for
School of Music, Dance and Theatre

<https://musicdancetheatre.asu.edu/degree-programs/music-theory-pedagogy-graduate-certificate-certificate>

MUSIC E167

MDTAdmissions@asu.edu

480-965-5069

Music Therapy, MM (FAMTHERMM)

Online Degree Search Title: Music Therapy, MM

Campus: Tempe

Program Description:

The MM program in music therapy provides students with graduate-level study in the theory, practice and research of music therapy.

There is a two-year track for those who have completed either the undergraduate music therapy degree or its equivalent and who are board-certified or hold a similar international music therapy credential. Additionally, a three-year track is offered for those who have an undergraduate degree in music but not in music therapy.

The master's degree program fosters an expanded research perspective in music therapy, emphasizing community partnerships and program development with a concentration in the student's area of choice, drawing from a number of possible options. Cognate areas include counseling and counseling psychology, special education, gerontology, social work, audiology and speech-language or other areas of choice from the many options.

Degree Requirements:

33 credit hours including the required applied project course (MUE 586), and a written comprehensive exam, or 33 credit hours, a thesis and a written comprehensive exam, or 63 credit hours including the required applied project course (MUE 586), and a written comprehensive exam, or 63 credit hours, a thesis and a written comprehensive exam.

The degree credit requirements for the two-year track are distributed as follows:

music therapy core (16 credit hours)
other studies in music (8 credit hours)
clinical cognate (9 credit)

Three-Year Track: In addition to the requirements stated above, the three-year track requires 30 credit hours of deficiency coursework for a total of 63 credit hours, including completion of an internship required for certification.

Additional Curriculum Requirements

Completion of diagnostic exams in music history and music theory is required of all new graduate-level music students prior to enrollment in the ASU School of Music, Dance and Theatre.

Additional information about degree requirements for all graduate music programs may be found on the check sheets.

<https://music.asu.edu/degree-programs/graduate/> (<https://music.asu.edu/degree-programs/graduate/>)

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a U.S. bachelor's or master's degree in music or music therapy from a regionally accredited institution or the equivalent of a U.S. bachelor's or master's degree from an institution in another country that is officially recognized by that country.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 semester hours or 90 quarter hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee: <https://admission.asu.edu/graduate> (<https://admission.asu.edu/graduate>)
- School of Music, Dance and Theatre application (including a resume and personal statement): <https://music.asu.edu/admissions/graduate-steps-to-apply> (<https://music.asu.edu/admissions/graduate-steps-to-apply>)
 - official transcripts
 - three letters of recommendation
 - proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency (<https://admission.asu.edu/international/graduate/english-proficiency> (<https://admission.asu.edu/international/graduate/english-proficiency>)). The School of Music, Dance and Theatre does not offer conditional admission under any circumstances. In order to meet English proficiency requirements, students should have a TOEFL score of at least 550 (PBT) or 80 (iBT), or an IELTS overall band score of at least 6.5, or a Pearson Test of English score of at least 60.

All applicants are required to perform a live audition or submit an audition recording (<https://music.asu.edu/admissions/graduate-auditions> (<https://music.asu.edu/admissions/graduate-auditions>)). Auditions are scheduled only after complete application materials have been received.

Applicants to the three-year track must complete the prerequisite courses listed below, which are not a part of the coursework for the MM program

in music therapy (three-year track) but are required for eligibility to sit for the board-certification exam (www.cbmt.org (<http://www.cbmt.org>)). These prerequisites may be taken during undergraduate study, at a community college or other university before beginning the Master of Music program in music therapy (three-year track), during summer sessions at ASU, or online through an accredited institution recognized by ASU. An applicant is eligible to apply to the Master of Music program in music therapy (three-year track) while completing these prerequisites and may finish these courses during the first year in the music therapy program, although this additional work may present a hardship. The prerequisite courses must be completed before a student begins the internship at the end of their first year of study at ASU, unless prior arrangements have been made. Completing the prerequisite courses prior to beginning the Master of Music program in music therapy (three-year track) is highly recommended.

- Introduction to Psychology
- Abnormal Psychology
- Overview of Exceptional Children/Special Education

Applications are accepted until all spaces are filled and reviewed on a rolling basis. Applicants are encouraged to apply as early as possible and should see the program website for more information on application deadlines. To ensure prompt processing of application, applicants should email MusicAdmissions@asu.edu (<mailto:MusicAdmissions@asu.edu>) after submitting an application. An in-depth interview emphasizing the applicant's music therapy philosophy, research activities and clinical interests is scheduled after receipt of complete application materials. A phone interview may be arranged.

Contact Information:

Design & the Arts, Herberger Institute for
School of Music, Dance and Theatre

<https://musicdancetheatre.asu.edu/degree-programs/music/music-therapy?dept=392823&id=1>

MUSIC E167

MDTAdmissions@asu.edu

480-965-5069

Performance (Collaborative Piano), MM (FACPIANOMM)

Online Degree Search Title: Piano, Collaborative, MM

Campus: Tempe

Program Description:

The MM program in performance with a concentration in collaborative piano gives students the opportunity to perform with all instrumental areas and voice, focusing on collaborative endeavors such as art song recitals, instrumental duos and chamber music, operatic productions and participation in large ensembles. Students refine their pianistic technique while developing the specific knowledge and abilities to be skilled and sensitive musical collaborators. Collaborative piano students have an impact on every area of the School of Music, Dance and Theatre, and their work with singers, instrumentalists, choral and large ensembles, composers, music theatre and opera colleagues will lead toward advanced careers in music.

Degree Requirements:

32 credit hours and a written comprehensive exam.

Required Core (4 credit hours)

MUP 527 Studio Instruction (4)

Concentration (14 credit hours)

MUP 511 Studio Instruction: Piano (4)

MUP 527 Studio Instruction: Collaborative Piano (4)

MUP 588 Collaborative piano (2)

MUP 596 Solo Performance (2)

MUP 597 Solo Performance (2)

Electives (2-3 credit hours)

Other Studies in Music (11-12 credit hours)

music history (6)

music theory (5-6)

Culminating Experience (0 credit hours)

written comprehensive exam (0)

Additional Curriculum Requirements

The other studies in music requirement includes six credit hours of MHL coursework and five to six credit hours of MTC coursework. Students

should see the academic unit for specific requirements.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 semester hours or 90 quarter hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- School of Music, Dance and Theatre application (including a resume, personal statement and repertoire list):

<https://music.asu.edu/admissions/graduate-steps-to-apply> (<https://music.asu.edu/admissions/graduate-steps-to-apply>)

- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency:

<https://admission.asu.edu/international/graduate/english-proficiency> (<https://admission.asu.edu/international/graduate/english-proficiency>). The School of Music, Dance and Theatre does not offer conditional admission under any circumstances.

Applicants must perform an audition for admission. Auditions are scheduled following receipt of complete application materials. Information about the audition may be found at <https://music.asu.edu/admissions/graduate-auditions> (<https://music.asu.edu/admissions/graduate-auditions>).

Although a bachelor's degree in music is not required to be eligible for admission, applicants who do not hold an undergraduate degree in music are required to complete the deficiency courses listed below, which are not a part of the coursework for this graduate degree in music. These courses or the equivalents may be taken at ASU, another accredited university or a community college before or after admission to this program, but they must be completed prior to commencement of graduate-level course requirements in music history and music theory.

MHL 140 Music as Culture

MHL 341 Music History I

MHL 342 Music History II

MTC 125 Basic Music Theory

MTC 221 Music Theory: 18th Century

MTC 222 Music Theory: 19th Century

MTC 223 Music Theory: 20th Century

Applicants should see the program website for application deadlines. After an applicant's completed application materials have been received, including recommendation letters, transcripts and English proficiency, the applicant is confirmed for a live audition.

Contact Information:

Design & the Arts, Herberger Institute for
School of Music, Dance and Theatre

<https://musicdancetheatre.asu.edu/degree-programs/music/piano?dept=392823&id=1>

MUSIC E167

MDTAdmissions@asu.edu

480-965-5069

Performance (Conducting), MM (HIPERCOMM)

Online Degree Search Title: Performance (Conducting), MM

Campus: Tempe

Program Description:

The MM in performance with a concentration in conducting presents conductors of orchestras or wind bands with the opportunity to improve their art, craft and scholarship in pursuit of both professional and academic career aspirations. This program is also beneficial for public school teachers of orchestras and wind bands who want to strengthen their skills.

There are three tracks within this concentration.

The wind band track allows conductors to study privately with the director of ensembles and work closely with other members of the conducting faculty to develop their conducting and rehearsal skills. If interested, students in the wind band track also have opportunities to enhance their works with athletic bands and, if desired, may elect individual study with the director of athletic bands. As part of their course of study, wind band conducting students meet in seminars to further deepen and broaden their understanding of psychology, score preparation methods, pedagogy and communication skills that underlie the art and craft of conducting in a band setting. Seminars are designed expand students' capacity for analytical thinking; additionally, dialogical skills are challenged and, subsequently, enhanced.

The orchestral track is designed to meet the needs of the conductor who focuses on orchestral conducting. Required courses are specific to orchestral conducting, and elective courses provide additional opportunities for further orchestral study.

The music direction track is designed to meet the needs of the musical director focusing on musical theatre and opera conducting. Required courses focus on music theatre and opera rehearsal techniques, technical production and repertoire.

Degree Requirements:

32 credit hours including a written exam.

Required Core (4 credit hours)

MUP 527 Studio Instruction (4)

Concentration (7 credit hours)

MUP 596 Solo Performance (1)

MUP 597 Solo Performance (1)

Choose from the following for a total of 5 credit hours:

MUP 540 Principals of Integrated Conducting (2)

MUP 551 Repertoire: Music Theatre Repertoire (2)

MUE 564 Instrumental Music, Advanced Rehearsal Techniques (3)

MUP 571 Music Theatre: Workshops (2)

MUP 573 Music Theatre: Performance (1)

Track (9-10 credit hours)

Other Studies in Music (11-12 credit hours)

music history (6)

music theory (5-6)

Culminating Experience (0 credit hours)

Written comprehensive exam (0)

Additional Curriculum Requirements

Students select a track from the following: wind band, orchestral or music direction. Students should see the academic unit for specific concentration and track course requirements for each track.

The other studies in music requirement includes six credit hours of MHL coursework and five to six credit hours of MTC coursework. Students should see the academic unit for specific requirements.

Track credit hours may include electives depending on course selections.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a U.S. bachelor's or master's degree from a regionally accredited institution or the equivalent of a U.S. bachelor's degree from an institution in another country that is officially recognized by that country.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 semester hours or 90 quarter hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee: <https://admission.asu.edu/graduate>
- School of Music, Dance and Theatre application (including a resume, personal statement and repertoire list):

<https://music.asu.edu/admissions/graduate-steps-to-apply> (<https://music.asu.edu/admissions/graduate-steps-to-apply>)

- official transcripts
- prescreening video
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Information is available at <https://admission.asu.edu/international/graduate/english-proficiency> (<https://admission.asu.edu/international/graduate/english-proficiency>). The School of Music, Dance and Theatre does not offer conditional admission under any circumstances.

Although a bachelor's degree in music is not required to be eligible for admission, applicants who do not hold an undergraduate degree in music are required to complete the deficiency courses listed below, which are not a part of the coursework for this graduate degree in music. These courses or their equivalents may be taken at ASU, another accredited university or a community college before or after admission to this program, but they must be completed prior to commencement of graduate-level course requirements in music history and music theory.

MHL 140 Music as Culture

MHL 341 Music History I

MHL 342 Music History II

MTC 125 Basic Music Theory

MTC 221 Music Theory: 18th Century

MTC 222 Music Theory: 19th Century

MTC 223 Music Theory: 20th Century

Applicants should see the program website for application deadlines. After an applicant's complete application materials have been received, including recommendation letters, transcripts and English proficiency requirements, and a review has been conducted of prescreening materials, the applicant may be invited for a live audition. Information about the audition component may be found at <https://music.asu.edu/admissions/graduate-auditions>.

Contact Information:

Design & the Arts, Herberger Institute for

School of Music, Dance and Theatre

<https://musicdancetheatre.asu.edu/degree-programs/music/conducting?dept=392823&id=1>

MUSIC E167

MDTAdmissions@asu.edu

480-965-5069

Performance (Performance Pedagogy), MM (FAPPEDMM)

Online Degree Search Title: Performance Pedagogy, MM

Campus: Tempe

Program Description:

The MM program in performance with a concentration in performance pedagogy concentrates on the performance and teaching of Western art music, with an emphasis on pedagogy.

Students work on their own performance skills while developing the knowledge and abilities to be outstanding teachers in their area through pedagogy classes, observation and teaching in private and group settings. The opportunity to collaborate with music scholars, theorists, composers, educators and other performers provides students with a foundation for a career as a performer, teacher and musician of the highest level. There is also the possibility of engaging in local and state professional organizations and presenting scholarly research or creative activities through workshops or publications.

Graduates of this program typically continue on to a doctorate, open successful private studios, or teach in arts schools of various academic levels.

Degree Requirements:

32 credit hours and a written comprehensive exam.

Required Core (4 credit hours)

MUP 527 Studio Instruction (4)

Concentration (6 credit hours)

MUP 527 Studio Instruction (4)

MUP 596 Solo Performance (1)

MUP 597 Solo Performance (1)

Area of Emphasis (10-11 credit hours)

Other Studies in Music (11-12 credit hours)

music history (6)

music theory (5-6)

Culminating Experience (0 credit hours)

written comprehensive exam (0)

Additional Curriculum Requirements

Students select an area of emphasis from the following: instrumental pedagogy, piano pedagogy or voice pedagogy. Students should see the academic unit for specific requirements for the selected area of emphasis.

The other studies in music requirement includes six credit hours of MHL coursework and five to six credit hours of MTC coursework. Students should see the academic unit for specific requirements.

Area of emphasis credit hours may include electives, depending on course selections.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a U.S. bachelor's or master's degree from a regionally accredited institution or the equivalent of a U.S. bachelor's degree from an institution in another country that is officially recognized by that country.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 semester hours or 90 quarter hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee: <https://admission.asu.edu/graduate> (<https://admission.asu.edu/graduate>)
- School of Music, Dance and Theatre application (including a resume, personal statement and repertoire list):

<https://music.asu.edu/admissions/graduate-steps-to-apply> (<https://music.asu.edu/admissions/graduate-steps-to-apply>)

- official transcripts
- three letters of recommendation
- voice applicants: a prescreening video
- piano applicants: a teaching demonstration video
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency:

<https://admission.asu.edu/international/graduate/english-proficiency> (<https://admission.asu.edu/international/graduate/english-proficiency>). The School of Music, Dance and Theatre does not offer conditional admission under any circumstances.

Applicants must perform an audition for admission. Auditions are scheduled following receipt of complete application materials and, when applicable, favorable review of prescreening materials. Information about the audition may be found at <https://music.asu.edu/admissions/graduate-auditions> (<https://music.asu.edu/admissions/graduate-auditions>).

Although a bachelor's degree in music is not required to be eligible for admission, applicants who do not hold an undergraduate degree in music are required to complete the deficiency courses listed below, which are not a part of the coursework for this graduate degree in music. These courses or the equivalents may be taken at ASU, another accredited university or a community college before or after admission to this program, but they must be completed prior to commencement of graduate-level course requirements in music history and music theory.

MHL 140 Music as Culture

MHL 341 Music History I

MHL 342 Music History II

MTC 125 Basic Music Theory

MTC 221 Music Theory: 18th Century

MTC 222 Music Theory: 19th Century

MTC 223 Music Theory: 20th Century

Voice applicants: Students should see the program website for application deadlines. After receipt of complete application materials, including recommendation letters, transcripts and proof of English proficiency, and review of prescreening materials, an applicant may be invited for a live

audition.

Instrumental and keyboard applicants: Students should see the program website for application deadlines. After an applicant's complete application materials have been received (including recommendation letters, transcripts and proof of English proficiency), the applicant will be confirmed for a live audition.

Contact Information:

Design & the Arts, Herberger Institute for
School of Music, Dance and Theatre
<https://musicdancetheatre.asu.edu/degree-programs/performance-pedagogy-mm-mm>
MUSIC E167
MDTAdmissions@asu.edu
480-965-5069

Performance (Performance), MM (FAPERF3MM)

Online Degree Search Title: Music Performance, MM

Campus: Tempe

Program Description:

The MM program in performance concentrates on the performance and teaching of Western art music with an emphasis in performance.

Students work with faculty mentors to achieve a professional level of performance through individual recitals, chamber music, and choral, orchestral, jazz, music theatre and operatic ensembles, depending on their area of emphasis. Performance opportunities both on and off campus further develop the knowledge and abilities necessary to become leaders in a musical community through teaching, performing or art advocacy. The opportunity to collaborate with music scholars, theorists, composers, educators and other performers provides students with a broad and well-rounded foundation for advanced careers in music or continued study at the doctoral level.

Degree Requirements:

32 credit hours and a written comprehensive exam.

Required Core (4 credit hours)

MUP 527 Studio Instruction (4)

Concentration (6 credit hours)

MUP 527 Studio Instruction (4)

MUP 596 Solo Performance (1)

MUP 597 Solo Performance (1)

Area of Emphasis (6 credit hours)

Electives (4-5 credit hours)

Other Studies in Music (11-12 credit hours)

Culminating Experience (0 credit hours)

written comprehensive exam (0)

Additional Curriculum Requirements

Students select an area of emphasis from the following: instrumental performance, jazz performance or keyboard performance. Students should see the academic unit for specific requirements for the selected area of emphasis.

The other studies in music requirement includes six credit hours of MHL coursework and five to six credit hours of MTC coursework. Students should see the academic unit for specific requirements.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a U.S. bachelor's or master's degree from a regionally accredited institution or the equivalent of a U.S. bachelor's degree from an institution in another country that is officially recognized by that country.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 semester hours or 90 quarter hours of their first

bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee: <https://admission.asu.edu/graduate> (<https://admission.asu.edu/graduate>)
- School of Music, Dance and Theatre application (including a resume, personal statement and repertoire list):

<https://music.asu.edu/admissions/graduate-steps-to-apply> (<https://music.asu.edu/admissions/graduate-steps-to-apply>)

- official transcripts
- prescreening video (voice applicants)
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency (<https://admission.asu.edu/international/graduate/english-proficiency> (<https://admission.asu.edu/international/graduate/english-proficiency>)). The School of Music, Dance and Theatre does not offer conditional admission under any circumstances.

Applicants must perform an audition for admission. Auditions are scheduled following receipt of completed application materials and, when applicable, a favorable review of prescreening materials. Information about the audition may be found at <https://music.asu.edu/admissions/graduate-auditions> (<https://music.asu.edu/admissions/graduate-auditions>).

Although a bachelor's degree in music is not required to be eligible for admission, applicants who do not hold an undergraduate degree in music are required to complete the deficiency courses listed below, which are not a part of the coursework for this graduate degree in music. These courses or their equivalents may be taken at ASU, another accredited university or a community college, and they may be taken before or after admission to this program but must be completed prior to commencement of graduate-level course requirements in music history and music theory.

MHL 140 Music as Culture

MHL 341 Music History I

MHL 342 Music History II

MTC 125 Basic Music Theory

MTC 221 Music Theory: 18th Century

MTC 222 Music Theory: 19th Century

MTC 223 Music Theory: 20th Century

Voice Applicants: Students should see the program website for application deadlines. After receipt of completed application, including recommendation letters, transcripts and proof of English proficiency, and review of prescreening materials, an applicant may be invited for a live audition.

Instrumental and Keyboard Applicants: Students should see the program website for application deadlines. After an applicant's complete application materials have been received, including recommendation letters, transcripts, and proof of English proficiency, the applicant is confirmed for a live audition.

Contact Information:

Design & the Arts, Herberger Institute for

School of Music, Dance and Theatre

<https://musicdancetheatre.asu.edu/degree-programs/music-performance-mm-mm>

MUSIC E167

MDTAdmissions@asu.edu

480-965-5069

Socially Engaged Practice in Design and the Arts (Certificate), Certificate (HISEPGRCT)

Online Degree Search Title: Socially Engaged Practice in Design and the Arts (Graduate Certificate)

Campus: Tempe

Program Description:

The graduate certificate in socially engaged practice in design and the arts centers around participation, reciprocal relationships and collaborations in which art and design promote civic dialogue and investigate pressing issues of the day.

This program provides a theoretical framework, rigorous training and field experience in arts and design in civic and applied settings. With a focus on collaborative and cross-disciplinary approaches, students engage meaningfully in community settings in the metropolitan Phoenix area, pushing their personal artistry and creative capacities.

Degree Requirements:

15 credit hours including the required applied project course (ART 593 or AME 593 or DCE 593, or DCE 693, or DSC 593 or DSC 693, or MUP 593 or MUP693, or THP 593 or THP 693).

Required Core (6 credit hours)

ART 542 Art and Community (3) or THP 514 Projects in Community-Based Theatre (3)

HDA 510 Design and the Arts Corps Seminar (3)

Electives (6 credit hours)

Culminating Experience (3 credit hours)

Applied Project (3)

Additional Curriculum Information

The applied project is a 593 course in AME, DCE, DSC, MUP, THP or a 693 course in DCE, DSC, MUP or THP.

Students should see the academic unit for appropriate elective coursework.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.50 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.50 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- letter of intent
- written recommendation or nomination letter
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa will first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission be considered for admission to this certificate program.

Students must maintain a 3.50 GPA in the certificate program.

No admission examinations are required.

Contact Information:

Design & the Arts, Herberger Institute for

Dean, Herberger Institute for Design and the Arts

<https://herbergerinstitute.asu.edu/degree-programs/socially-engaged-practice-design-and-arts-certificate>

GHALL 132

HerbergerSEP@asu.edu

480-965-5337

Theatre, MA (FATHEAMA)

Online Degree Search Title: Theatre, MA

Campus: Tempe

Program Description:

The MA program in theatre introduces students to graduate study in the field of theatre and performance studies and provides a broad base of knowledge in the areas of history and historiography, theory, literature and dramaturgy, and practice.

Students have the opportunity to tailor their plan of study to specific research and artistic subject areas, and they prepare a research thesis as the

culmination of their studies.

The program is designed for those who wish to later enter a PhD program, for K-12 educators seeking to expand and amplify their expertise, and for those seeking to advance their knowledge of theatre and performance studies.

Degree Requirements:

30 credit hours, a thesis and a written comprehensive exam.

Required Courses (15 credit hours)

Electives (9 credit hours)

Culminating Experience (6 credit hours)

THE 599 Thesis (6)

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- current curriculum vitae
- sample of scholarly writing
- statement of purpose
- three letters of recommendation from professionals familiar with the applicant's work
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The statement of purpose should address the student's background and experiences as they relate to the student's reasons for pursuing the doctorate, describe the student's research interests and indicate future career goals.

Applicants should see the program website for application deadlines.

Contact Information:

Design & the Arts, Herberger Institute for
School of Music, Dance and Theatre
<https://musicdancetheatre.asu.edu>
GHALL 240
mdtadmissions@asu.edu
480-965-4206

Theatre (Arts Entrepreneurship and Management), MFA (HITHEAEMFA)

Online Degree Search Title: Theatre (Arts Entrepreneurship and Management), MFA

Campus: Tempe

ASU is not currently accepting applications for this program.

Program Description:

The MFA program in theatre with a concentration in arts entrepreneurship and management teaches the skills of arts entrepreneurship, arts management and arts marketing within the context of the Master of Fine Arts degree in theatre, also grounding students in theories of performance, community-based arts, and theatre history and literature. Thus, students develop a holistic understanding of the role of arts managers as enablers of art-making.

Students in this program can earn a concurrent certificate in nonprofit leadership and management.

Degree Requirements:

60 credit hours including the required applied project course (THP 693), a practicum and an oral comprehensive exam.

Required Core (15 credit hours)

Concentration (27 credit hours)

Electives or Research (12 credit hours)

Other Requirements (3 credit hours)

THP 680 Practicum (2)

THP 684 Internship (1)

Culminating Experience (3 credit hours)

THP 693 Applied Project (3)

Additional Curriculum Information

Twelve elective credit hours are required for the 60 credit hour Master of Fine Arts. However, if students elect to pursue the NLM certificate concurrently, then they need to take an additional three credit hour elective course in the nonprofit leadership and management program to complete the certificate and degree requirements.

THP 680 is a one credit hour course students are required to take twice.

As part of the applied project requirement, students must submit a written document. An oral defense is also required.

Students should see the academic unit for a complete list of approved electives and required coursework for the core and concentration.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

In addition, the School of Music, Dance and Theatre requires a minimum of 30 undergraduate credit hours of coursework in theatre, film, dance, music, art or business with a minimum GPA of 3.20 overall.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- resume
- three letters of recommendation
- sample of critical writing (in lieu of GRE scores)
- statement of educational and professional objectives
- sample of entrepreneurial or managerial materials
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The letters of recommendation should be from professionals who can speak to the applicant's potential for success in arts entrepreneurship or management.

Examples of a critical writing sample include a term paper or research project.

The sample of entrepreneurial or managerial materials should be indicative of the candidate's potential to succeed as an arts entrepreneur or manager that might include but are not limited to publicity materials, marketing plans, budgets, stage management prompt books, grant proposals or business plans.

Interviews may be conducted on campus or remotely.

Applicants should see the program website for application deadlines and admission terms.

Contact Information:

Design & the Arts, Herberger Institute for
School of Music, Dance and Theatre
<https://musicdancetheatre.asu.edu>
GHALL 240
mdtadmissions@asu.edu
480-965-4206

Theatre (Directing), MFA (FADIRMFA)

Online Degree Search Title: Theatre (Directing), MFA

Campus: Tempe

Program Description:

The MFA in theatre with a concentration in directing is a program for students who demonstrate serious purpose, professional aspirations, theatrical daring and the desire to explore new work in collaborating with playwrights and in the devising and creation process. Respect for fellow artists and a desire to learn about how all the parts fit together are essential qualities in the successful candidate and the successful director.

Students are introduced to varied critical viewpoints from select artists and scholars. A hands-on, mentor-student approach is emphasized, with the intent of developing the skill, artistry and communication skills required to be an excellent professional director.

Degree Requirements:

60 credit hours including the required applied project course (THP 693).

This is a three-year program culminating in an applied project. Practical directing and directing classes are approximately 50% of the coursework. Classes also include:

- acting (viewpoints and composition)
- assistant directing for a professional or faculty director working on the main stage
- design collaboration
- directing the new play
- dramatic theory and criticism
- dramaturgy
- performance technology
- projects in community-based drama
- re-envisioning
- research methods
- solo performance
- theatre for social change
- theatre history and literature
- theatre organization and management

MFA directors will direct a new work every year. Major assignments may include:

- creating and directing an adaptation of an existing work
- directing a new play by a Master of Fine Arts playwright
- directing one applied project in the main-stage season
- guiding an ensemble in the devising process and directing the resulting devised piece

Directing faculty mentor all student projects. Academic and artistic progress is evaluated at the end of each semester by a faculty committee. Program continuation is contingent upon a successful review. A professional internship is required for each Master of Fine Arts director.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- statement of purpose
- current resume
- written directorial approach to a play selected by the reviewing committee
- three letters of reference from professionals familiar with the student's work
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

A personal interview is required. Interviews via phone or campus visit are available by appointment.

Admission to the directing, performance and performance design concentrations is cohort-based, and the program recruits every three years. The next round of applications will be due in early 2020. Interested students should check back for updates.

Students should see the program website for application deadlines and admission terms.

Contact Information:

Design & the Arts, Herberger Institute for
School of Music, Dance and Theatre
<https://musicdancetheatre.asu.edu>
GHALL 240
mdtadmissions@asu.edu
480-965-4206

Theatre (Dramatic Writing), MFA (FADRWRTMFA)

Online Degree Search Title: Theatre (Dramatic Writing), MFA

Campus: Tempe

Program Description:

The concentration in dramatic writing under the MFA in theatre includes coursework in playwriting, screenwriting, historical studies in theatre, dramatic theory, directing new work, literary management, electives and related topics such as writing for solo performance, storytelling, devising and collaborative writing.

The School of Music, Dance and Theatre supports the production of new plays and performance works written by its Master of Fine Arts students. Student-written work is included in the Theatre Labs and is considered for main stage productions.

Degree Requirements:

60 credit hours including the required applied project course (THP 693).

Required Core (27 credit hours)

THE 500 Research Methods (3)

THE 504 Studies in Dramatic Theory and Criticism (3)

THE 520 Theatre History and Literature (3)

THP 560 Dramatic Writer's Workshop

THP 561 Scripts in Progress (3)

Concentration (9 credit hours)

THE 562 Literary Management Workshop (3)

THP 520 Directing the New Play (3)

THP 598 Special Topics (3)

Electives (18 credit hours)

Culminating Experience (6 credit hours)

THP 693 Applied Project (6)

Additional Curriculum Information

As part of the electives coursework, students are required to complete an internship (THP 684) for three credit hours.

Students should see the academic unit for a complete list of approved electives.

The applied project is the writing of a thesis play, which will be developed as one of the following: a full production on the school's main stage, a staged reading, or a workshop production.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in theatre or in creative writing from a regionally accredited institution. An applicant may have an undergraduate degree outside of theatre or film and may be admitted on the basis of excellent creative writing and academic work. Deficiencies in undergraduate preparation may be removed while pursuing the MFA degree.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- three letters of recommendation
- current resume
- statement of career goals
- profile of applicant's writing endeavors or interests
- manuscript sample of either a full-length play (60 pages or more) or a series of one-act plays (30 pages minimum)
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Contact Information:

Design & the Arts, Herberger Institute for
School of Music, Dance and Theatre
<https://musicdancetheatre.asu.edu>
GHALL 240
mdtadmissions@asu.edu
480-965-4206

Theatre (Interdisciplinary Digital Media), MFA (FATHEADMFA)

Online Degree Search Title: Theatre (Interdisciplinary Digital Media), MFA

Campus: Tempe

Program Description:

A concentration of the MFA in theatre, the interdisciplinary digital media program focuses on the growing importance of digital media as a way of making and thinking about art and experience. Courses and research activities prepare students to become sophisticated developers, makers, evaluators and entrepreneurs of digital media while at the same time completing a sequence of core courses in theatre.

This graduate program is offered through the School of Music, Dance and Theatre in collaboration with the School of Arts, Media and Engineering.

Degree Requirements:

60 credit hours including the required applied project course (THP 693).

Core School of Arts, Media and Engineering courses, to be selected in consultation with each student's School of Arts, Media and Engineering graduate advisor (minimum of 18 credit hours)

Research and applied project (15 credit hours)

Core courses in theatre theory, history and practice (27 credit hours)

The overall course of study is developed with the advisor to ensure a breadth of transdisciplinary knowledge.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee.
- official transcripts
- current resume
- statement of purpose
- portfolio of materials that support the statement of purpose (writing samples, electronic performance materials, etc.)
- three letters of recommendation from professionals familiar with the applicant's work
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The statement of purpose should detail the applicant's background in theatre as well as the applicant's interest in and suitability for work in the interdiscipline of theatre and digital media.

Applicants should see the program website for application deadlines but should note that for financial aid purposes, the School of Arts, Media and Engineering deadline is February 1.

Contact Information:

Design & the Arts, Herberger Institute for
School of Music, Dance and Theatre
<https://musicdancetheatre.asu.edu>
GHALL 240
mdtadmissions@asu.edu
480-965-4206

Theatre (Performance Design), MFA (FAPERDMFA)

Online Degree Search Title: Theatre (Performance Design), MFA

Campus: Tempe

ASU is not currently accepting applications for this program.

Program Description:

ASU offers a strenuous and innovative MFA program in theatre with a concentration in performance design that focuses on a nontraditional approach to design training in preparation for the theatrical design challenges of the future. The design student works with an ensemble of designers, directors and performers to create new projects that redefine the role of the traditional designer.

Skills for approaching and creating new work include:

- design applications in multimedia
- development of artistic entrepreneurship and integrity
- drafting and computer imaging
- new work development

Performance design students work in multiple venues, including the 481-seat Galvin Playhouse, 164-seat Lyceum Theatre, two studios and one experimental space. In addition, students work in the shops, a design studio and a computer-imaging lab.

Admission to the directing, performance and performance design concentrations is cohort-based.

Degree Requirements:

60 credit hours including the required applied project course (THP 693).

This is a three-year program culminating in an applied project. Academic and artistic progress is evaluated at the end of each semester by a faculty committee. Program continuation is contingent upon a successful review. A professional internship is required and can be fulfilled anytime after the first year of study. Students conclude with an applied ensemble design project suited to their needs and interests.

The first year is dedicated to creating an ensemble as well as honing the skills needed to visually communicate ideas to a director and audience. The second year concentrates on new work development that will culminate in a tour. This year also concentrates on strengthening design abilities. The third year serves as a bridge between the educational and professional theatre and the communities they serve.

Admission Requirements:

Applicants must fulfill the requirements of the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- academic writing sample
- current resume
- portfolio of 10 samples of visual work to be presented at interview
- three letters of recommendation from professionals familiar with the student's work
- written statement of purpose
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Applicants also are required to do an interview.

Students are admitted to this program every three years, forming a cohort with their colleagues in the other Master of Fine Arts programs in theatre practice.

Students should see the program website for application deadlines and admission terms.

Contact Information:

Design & the Arts, Herberger Institute for
School of Music, Dance and Theatre
<https://musicdancetheatre.asu.edu>
GHALL 240
mdtadmissions@asu.edu
480-965-4206

Theatre (Performance), MFA (FAPERFMFA)

Online Degree Search Title: Theatre (Performance), MFA

Campus: Tempe

Program Description:

The MFA program in theatre with a concentration in performance re-envision the role of the artist in society who focuses on the devising and development of new work. The program stresses the actor-creator model and fosters the conceptual thinker and collaborator through the development of skills for the artistic entrepreneur and the innovation of performance applications in multimedia and transdisciplinary collaboration that is informed by artistic integrity and social responsibility.

The school offers multiple approaches to new work development:

- connected motion
- devising
- Fitzmaurice voicework

- Lecoq
- new play development
- performance technology
- rasaboxes
- solo and collaborative performance
- Viewpoints

In addition to core physical and vocal training, the program hosts a rich variety of guest artists each semester and offers undergraduate-level teaching opportunities, study abroad opportunities, funding for national and international conference travel, and career development internship opportunities.

During the third year of study, candidates conduct professional career development internships. In the past, students have completed internships at:

- Chicago Dramatist Theatre
- Cleveland Playhouse
- Dah Theatre, Belgrade, Serbia
- Hartford Stage
- North Coast Rep
- One Yellow Rabbit
- SITI Company
- Synetic Theatre
- Theatre L'Homme Dieu
- The Bali Purnati Art Centre
- Victory Gardens

Eight performers are admitted to the cohort every three years.

Degree Requirements:

60 credit hours including the required applied project course (THP 693).

This is a three-year program culminating in an applied project.

The first year is dedicated to intensive movement; acting and Fitzmaurice voice training; and ensemble-building and devising with a focus on Lecoq, rasaboxes, Viewpoints and Meisner. The year culminates in a final site-specific showcase performance.

Second-year training provides opportunities for students to explore their work in a wide range of performance modalities such as community-embedded drama, performance art, solo performance, performance and technology, devising and working with guest artists. Performers collaborate with the MFA designers, directors and playwrights to devise a new scripted performance for the mainstage season.

The third year culminates in an applied performance project, serving as a bridge between the educational and professional worlds and the communities they serve.

Students conclude their graduate studies with an applied performance project specifically suited to their needs and interests. Academic and artistic progress is evaluated at the end of each semester by a faculty committee. Program continuation is contingent upon a successful review. A professional career development internship is required.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- current resume
- statement of purpose
- academic writing sample
- three letters of recommendation from professionals familiar with the student's work

- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Students are admitted to this program every three years, forming a cohort with their colleagues in the other Master of Fine Arts programs in theatre practice.

Applicants need to do an interview, either on campus or at one of the university or resident theatre association sites, and an audition.

Students should see the program website for application deadlines and admission terms.

Contact Information:

Design & the Arts, Herberger Institute for
School of Music, Dance and Theatre
<https://musicdancetheatre.asu.edu>
GHALL 240
mdtadmissions@asu.edu
480-965-4206

Theatre (Theatre For Youth), MFA (FAYOUTHMFA)

Online Degree Search Title: Theatre for Youth, MFA

Campus: Tempe

Program Description:

The internationally recognized theatre for youth MFA program at ASU features distinguished faculty, excellent facilities, comprehensive coursework and practical experiences in all areas of theatre, educational theatre, community cultural development and theatre for youth. The faculty provide students individualized attention and focused mentorship in a challenging and supportive atmosphere designed to educate future leaders in the field.

Students enrolled in the Master of Fine Arts program in theatre for youth complete their course of study equipped to be engaged and innovative leaders in artistry, scholarship, education and activism. Graduates are prepared for careers that include teacher of artistry, directing and education directing; specialist in arts and civic organizations; teacher in elementary, secondary and tertiary education systems; and careers in social profit organizations and in arts entrepreneurship.

Degree Requirements:

60 credit hours including the required applied project course (THP 693), a written comprehensive exam and an oral comprehensive exam.

This is a three-year program. Required core courses are supplemented by elective courses in an emphasis area. The emphasis areas prepare students for careers in professional theatre, as artists or education directors, specialists in arts organizations, or as teachers in elementary or secondary education. An internship with a professional theatre company, school or arts organization and a final applied project complete the program.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- current curriculum vitae
- statement of purpose
- curated arts portfolio
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

A highly competitive program, this degree accepts only a small number of students each year in order to provide highly individualized attention.

The statement of purpose should clearly explain the applicants aesthetic and educational philosophies and future career goals. After reading the statement, the faculty should understand not only the applicant's current passions but also why the theatre for youth program at ASU would be an appropriate fit to meet the student's educational, practical and scholarly goals. The program accepts thoughtful, well-informed artists, scholars, educators and citizens.

The applicant's portfolio should highlight previous work accomplished. Online portfolios are preferred.

The three letters of recommendation should be from professionals familiar with the applicant's work.

High-ranking applicants are invited to a group interview date, normally scheduled on the first Friday of February.

Applicants should see the program website for application deadlines.

Contact Information:

Design & the Arts, Herberger Institute for
School of Music, Dance and Theatre
<https://musicdancetheatre.asu.edu>
GHALL 240
mtdadmissions@asu.edu
480-965-4206

Theatre (Theatre For Youth), PHD (FAYOUTHPHD)

Online Degree Search Title: Theatre for Youth, PhD

Campus: Tempe

Program Description:

The internationally recognized theatre for youth PhD program at ASU features distinguished faculty, excellent facilities and comprehensive coursework, research guidance and practical experiences in all areas of theatre, educational theatre, community cultural development and theatre for youth. Students receive individualized attention and focused mentorship in a challenging and supportive atmosphere designed to educate future leaders and researchers in the field.

The program's doctoral students complete their course of study equipped to be engaged, thoughtful and innovative leaders in artistry, scholarship, education and research. Graduates are prepared for careers that include teaching artistry, direction and education direction; working as specialists in arts, civic and social profit organizations; becoming members of university and college faculty; and pursuing opportunities in arts entrepreneurship, research and publishing programming.

Degree Requirements:

90 credit hours, a foreign language exam, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (30 credit hours)

Research (12 credit hours)

THE 792 Research (12)

Research Methodology (6 credit hours)

Culminating Experience (12 credit hours)

THE 799 Dissertation (12)

Additional Curriculum Information

When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used for this degree.

In meeting these requirements, students, with the advice of the supervisory committee, may select theatre courses in areas such as community-based theatre, theatre education, theatre for social change, theatre history, theatre theory and criticism, and tutorial courses.

Students also may take courses outside the School of Music, Dance and Theatre in areas such as aesthetic theory, area studies, children's

literature, critical and cultural studies, educational theory and methodology, languages and literatures, arts education, policy research, and democracy studies.

Research methodology coursework is chosen in consultation with the supervisory committee. Where appropriate, the supervisory committee may approve certification of literacy in a foreign language as meeting the research methodology requirement. This approval is granted only in those circumstances wherein fluency in that language is necessary for the dissertation research.

Additional Curricular Requirements:

- ongoing reviews of a student's performance in courses and development of research skills, artistic skills and teaching competencies conducted by the supervisory committee at the end of each semester
- comprehensive examinations composed of written and oral components centering on theatre history, literature and criticism, theatre for youth and theatre education and the research area
- dissertation developed from an approved prospectus, based on original research work of high quality, demonstrating proficiency in the student's special field and adding new knowledge

All activities are selected to help students meet the goals of the program and develop the capability of becoming leaders in the field.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in theatre or education from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- GRE exam scores
- interview
- curriculum vitae
- sample of scholarly writing
- statement of purpose
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The statement of purpose should explain the applicant's research, artistic and educational philosophies and goals as appropriate to the applicant's desired focus in the doctoral program and how study in the ASU theatre for youth program might particularly suit these goals and philosophies.

Three letters of recommendation from professionals familiar with the applicant's work should address, specifically, the applicant's potential for success in a doctoral program.

Students should see the program website for application deadlines.

Contact Information:

Design & the Arts, Herberger Institute for
School of Music, Dance and Theatre
<https://musicdancetheatre.asu.edu>
GHALL 240
mdtadmissions@asu.edu
480-965-4206

Theatre (Theatre/Performance Americas), PHD (FAPERAMPHD)

Online Degree Search Title: Theatre (Performance America), PhD

Campus: Tempe

Program Description:

The PhD in theatre with a concentration in theatre and performance of the Americas is a program that trains scholars to examine the histories, theories and practices associated with cultural performance from a hemispheric point of view.

Through coursework, seminars, research and study opportunities, doctoral students work from diverse critical perspectives that mobilize thought across geographical and disciplinary borders. They develop skills to reexamine and interrogate the canon of theatre as text and as performance, expanding the traditional boundaries of theatre studies in two ways: via a perspective that considers the shared histories and practices of theatre and performance in the Americas as central to an intervention in traditionally narrated histories and theories of theatre and via the methodologies of cultural and performance studies that accommodate other forms of embodied expression related to but distinct from formal theatrical expression.

The course of study is designed to provide substantive historical and theoretical grounding in the field while allowing flexibility in the choice of specialized seminar and practical experiences. The first year of study immerses students in the theoretical and practical groundwork of performance research, in general, and modalities of performance in the Americas, in particular. In the second year, students build on research interests identified in the first year through specialized coursework and practical experience.

Degree Requirements:

90 credit hours, a foreign language exam, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (24 credit hours)

Electives (12 credit hours)

Research (12 credit hours)

THE 792 Research (12)

Culminating Experience (12 credit hours)

THE 799 Dissertation (12)

Additional Curriculum Information

When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used for this degree.

Two of the electives courses must come from outside the school, and they must be approved by the supervisory committee.

In meeting these requirements, students, with the advice of the supervisory committee, may select theatre courses in areas such as community-based theatre, dramaturgy, theatre for social change, theatre history, theatre theory and criticism, and related topics seminars.

Students also may take courses outside the School of Music, Dance and Theatre in areas such as critical and cultural studies, area studies, languages and literatures, and aesthetic theory. All activities are selected to help students meet the goals of the program and develop the capability of becoming leaders in the field.

Preliminary Reviews:

Reviews of the student's performance in courses and development of research skills, artistic skills and teaching competencies are conducted by the supervisory committee at the end of each semester.

Comprehensive Examinations:

Examinations are composed of written and oral components centering on theatre history, literature and criticism, theatre and performance of the Americas and the research area.

Dissertation Requirements:

A dissertation based on original high-quality research work demonstrating proficiency in the student's special field is required.

Admission Requirements:

Applicants must fulfill the requirements of the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a master's degree in a relevant area from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's program and a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts

- curriculum vitae
- GRE scores
- sample of scholarly writing
- statement of purpose
- three letters of recommendation from professionals familiar with the student's work
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The statement of purpose should address the student's background and experiences as they relate to the student's reasons for pursuing the doctorate, and it should describe the student's research interests and indicate future career goals.

An interview is strongly recommended.

Students should see the program website for application deadlines.

Contact Information:

Design & the Arts, Herberger Institute for
School of Music, Dance and Theatre
<https://musicdancetheatre.asu.edu>
GHALL 240
mdtadmissions@asu.edu
480-965-4206

Urban Design, MUD (ARMUDMUD)

Online Degree Search Title: Urban Design, MUD

Campus: Tempe

Program Description:

The MUD is a transdisciplinary postprofessional graduate program in The Design School. Students study newly emerging research and applied practices from the disciplines of architecture, landscape architecture, ecology, law, civil engineering, planning, public programs, systems theory and real estate development.

The curriculum is built around the analysis and understanding of contemporary urban conditions specific to rapidly urbanizing and arid regions of the world. The program leverages a number of local factors --- the rapidly expanding Phoenix metropolis, the arid climate, and the area's cultural diversity --- in the development of responsible global initiatives and innovative design strategies for urban environments.

Degree Requirements:

45 credit hours and a thesis, or 45 credit hours including the required applied project course (MUD 593), or 45 credit hours including the required capstone course (MUD 622).

Students should see the academic unit for the course list.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- portfolio
- letter of intent
- three references
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency through either the TOEFL or the IELTS regardless of current residency. The minimum score for admission to the program is 80 (internet-based) or 550 (paper-based) on the TOEFL or an overall band score of 6.5 on the IELTS. Other information for international applicants can be found at <https://admission.asu.edu/international/graduate/english-proficiency> (<https://admission.asu.edu/international/graduate/english-proficiency>).

Applicants who hold a studio-based four-year undergraduate design degree will be considered for the two-year MUD program. The Master of Urban Design is a postprofessional program.

Applicants must hold an undergraduate or graduate degree from a college or university recognized by ASU in a studio-based design discipline.

The portfolio, letter of intent and contact information for three references need to be submitted to SlideRoom (<https://asudesign.slideroom.com/#/Login> (<https://asudesign.slideroom.com/#/Login>)). The Design School requires that these be submitted in addition to the graduate admission application requirements.

Admission to the program is selective. Admission cannot be deferred; students must enroll in the semester for which they are admitted, otherwise they will need to go through the entire application process again for the year in which they are applying.

Applicants may be admitted to the two-year program with deficiencies if their previous coursework is not equivalent to the ASU undergraduate requirements and standards. Deficiencies must be completed prior to taking the required courses, if necessary. This may cause the student to take longer than two years to complete the program.

A personal interview is not required; however, a candidate wishing to visit the school is welcome, and the candidate should make arrangements by contacting the department.

Contact Information:

Design & the Arts, Herberger Institute for
The Design School
<https://design.asu.edu>
CDN 162
designgrad@asu.edu
480-965-3536

Visual Communication Design, MVCD (HIVCDMVCD)

Online Degree Search Title: Visual Communication Design, MVCD

Campus: Tempe

Program Description:

The MVCD is a studio-based degree program. Students in this program work on strategic visual communication design projects with a focus on the development of visual language systems firmly grounded on the principles of information design, typography and interaction design. Students engage in visual and theoretical research, ideation, visualization, prototyping and testing of creative solutions that address critical problems faced in the contemporary visual world.

Graduates of this program are adept in working with fundamental principles of visual communication design, emotional intelligence and systems thinking in problem identification and its appropriate contextual solutions. They pursue professional practice in visual communication and multimedia industry as well as in academia.

Degree Requirements:

60 credit hours including the required capstone course (GRA 622).

Required Core (43 credit hours)

Electives (6 credit hours)

Other Requirement (6 credit hours)

GRA 581 Internship in Teaching Design (3)

GRA 584 Internship (3)

Culminating Experience (5 credit hours)

GRA 622 Advanced Visual Communication Design Studio IV (5)

Additional Curriculum Information

The Master of Visual Communication Design program includes sequential studio courses. Requirements involve an average of 14 credit hours per

semester. A summer internship is required during the summer prior to the final year.

The three-plus-year program adds the following requirement to the plan of study: deficiency courses (42 credit hours).

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution. Students should see below for information on the qualifications for a two-year program of study or a three-plus-year program of study.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- additional required application items submitted to SlideRoom (see below)
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency through either the TOEFL or the IELTS regardless of current residency. The minimum score for admission to the program is 80 (internet-based) or 550 (paper-based) on the TOEFL or an overall band score of 6.5 on the IELTS. Additional information can be found at <https://admission.asu.edu/international/graduate/english-proficiency> (<https://admission.asu.edu/international/graduate/english-proficiency>).

A portfolio, letter of intent, resume, and contact information for three references need be submitted to SlideRoom (<https://asudesign.slideroom.com/#/Login> (<https://asudesign.slideroom.com/#/Login>)). The Design School requires that these be submitted in addition to the Graduate College application requirements.

Admission to the program is selective. Admission cannot be deferred. Students must enroll in the semester for which they are admitted; otherwise, they will need to go through the entire application process again for the year in which they are applying.

A personal interview is not required; however, a candidate wishing to visit the school is welcome and should make arrangements by contacting the department.

Admission Requirements to the Two-Year Program

All applicants must have completed a minimum of a bachelor's degree (or equivalent) or a graduate degree from a regionally accredited college or university of recognized standing in visual communication design or graphic design.

Admission Requirements to the Three-Plus-Year Program

All applicants must have earned a bachelor's degree (or equivalent) in a field other than in visual communication design or graphic design.

Applicants may be admitted to the two-year program with deficiencies if their previous coursework is not equivalent to the ASU undergraduate requirements and standards. Deficiencies must be completed prior to taking the required courses, if necessary. This may cause the student to take longer than two years to complete the program.

Contact Information:

Design & the Arts, Herberger Institute for
The Design School
<https://design.asu.edu>
CDN 162
designgrad@asu.edu
480-965-3536

Voice, Music Theatre, Opera, MM (FAMUTPOMM)

Online Degree Search Title: Performance (Voice, Music Theatre, Opera), MM

Campus: Tempe

This program's name has changed effective Fall 2020. The previous name was Music Theatre/Opera Performance.

Program Description:

The MM program in voice, music theatre and opera performance provides students the opportunity to choose from emphases in voice performance,

music theatre performance or opera performance. Students have ample opportunities to study a wide variety of repertoire, including music theatre and opera.

The voice performance emphasis provides intensive practical training and performance experience to prepare students for a broad range of vocal careers. In addition to studio voice instruction and advanced work in acting, students may study techniques in art song, music theatre and opera, and may perform up to two recitals or may participate in music theatre and opera productions.

The opera performance emphasis provides intensive practical training and performance experience to prepare students for professional careers in opera. In addition to studio voice instruction and advanced work in acting, movement, audition techniques, career skills and vocal coaching, students study standard and contemporary operatic repertoire and are required to perform roles in at least two ASU music theatre and opera productions.

The music theatre performance emphasis provides intensive practical training and performance experience to prepare students for professional careers as musical theatre artists. In addition to studio voice instruction and advanced work in acting, dance, movement, audition techniques, career skills and vocal coaching, students study repertoire from the traditional and contemporary musical theatre canon and are required to perform roles in at least two ASU music theatre and opera productions.

Degree Requirements:

32 credit hours and a written comprehensive exam.

Required Core (4 credit hours)

MUP 527 Studio Instruction (4)

Concentration (8 credit hours)

MUP 527 Studio Instruction (4)

MUP 570 Advanced Techniques for the Singing Actor 1 (1)

MUP 570 Advanced Techniques for the Singing Actor 2 (1)

MUP 596 Solo Performance (1)

MUP 597 Solo Performance (1)

Area of Emphasis (8-9 credit hours)

Other Studies in Music (11-12 credit hours)

music history (6)

music theory (5-6)

Culminating Experience (0 credit hours)

written comprehensive exam (0)

Additional Curriculum Requirements

Students select an area of emphasis from the following: music theatre performance, opera performance or voice performance. Students should see the academic unit for specific requirements for the selected area of emphasis.

The other studies in music requirement includes six credit hours of MHL coursework and five to six credit hours of MTC coursework. Students should see the academic unit for specific requirements.

Area of emphasis credit hours may include electives depending on course selections.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Herberger Institute for Design and the Arts.

Applicants are eligible to apply to the program if they have earned a U.S. bachelor's or master's degree from a regionally accredited institution or the equivalent of a U.S. bachelor's degree from an institution in another country that is officially recognized by that country.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 semester hours or 90 quarter hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee: <https://students.asu.edu/graduate/admissions> (<https://admission.asu.edu/graduate>)
- School of Music, Dance and Theatre application (including a resume, personal statement and repertoire list):

<https://music.asu.edu/admissions/graduate-steps-to-apply> (<https://music.asu.edu/admissions/graduate-steps-to-apply>)

- official transcripts
- prescreening video
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency: <https://admission.asu.edu/international/graduate/english-proficiency> (<https://admission.asu.edu/international/graduate/english-proficiency>). The School of Music, Dance and Theatre does not offer conditional admission under any circumstances.

Although a bachelor's degree in music is not required to be eligible for admission, applicants who do not hold an undergraduate degree in music are required to complete the deficiency courses listed below, which are not a part of the coursework for this graduate degree in music. These courses (or the equivalents) may be taken at ASU, another accredited university or a community college before or after admission to this program, but they must be completed prior to commencement of graduate-level course requirements in music history and music theory.

MHL 140 Music as Culture

MHL 341 Music History I

MHL 342 Music History II

MTC 125 Basic Music Theory

MTC 221 Music Theory: 18th Century

MTC 222 Music Theory: 19th Century

MTC 223 Music Theory: 20th Century

Students should see the program website for application deadlines. After an applicant's complete application has been received, including recommendation letters, transcripts and proof of English proficiency, and review has been conducted of prescreening materials, the applicant may be invited for a live audition. Information about the audition can be found at <https://music.asu.edu/admissions/graduate-auditions> (<https://music.asu.edu/admissions/graduate-auditions>).

Contact Information:

Design & the Arts, Herberger Institute for

School of Music, Dance and Theatre

<https://musicdancetheatre.asu.edu/degree-programs/music/voice?dept=392823&id=1>

MUSIC E167

MDTAdmissions@asu.edu

480-965-5069

Engineering, Ira A. Fulton Schools of

Aerospace Engineering, MS (ESAEROSPMS)

Online Degree Search Title: Aerospace Engineering, MS

Campus: Tempe

Program Description:

The MS program in aerospace engineering prepares engineers for doctoral study or industrial positions specializing in research, project management and product innovation in aerospace engineering. The program stresses a sound foundation in technical fundamentals, communication and professionalism. To this end, a broad-based curriculum is offered in design, system dynamics and control; fluid mechanics and aerodynamics; mechanics and dynamics of solids and structures; transport phenomena; thermodynamics; and energy.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Aerospace Engineering (Aeronautics), BSE

Aerospace Engineering (Astronautics), BSE

Aerospace Engineering (Autonomous Vehicle Systems), BSE

Mechanical Engineering, BSE

Mechanical Engineering (Computational Mechanics), BSE

Mechanical Engineering (Energy and Environment), BSE

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

30 credit hours and a portfolio, or 30 credit hours and a thesis, or 30 credit hours including the required applied project course (MAE 593).

Major Area of Emphasis (12 or 15 credit hours)

Technical Electives (6 or 9 credit hours)

Mathematics (6 credit hours)

Culminating Experience (0 to 6 credit hours)

MAE 593 Applied Project (3) or

MAE 599 Thesis (6) or

portfolio (0)

Additional Curriculum Information

All students are admitted to the nonthesis option unless a faculty thesis advisor is secured, at which time the student can initiate a change to the thesis option.

The plan of study must be in accordance with university and program requirements. A minimum cumulative GPA of 3.00 (scale is 4.00 = "A") is required throughout the program. Candidates for the program must complete a minimum of 30 credit hours of courses at the 500 level and above, with a minimum cumulative GPA of 3.00 or above.

Students completing a portfolio for the culminating experience must complete at least 15 credit hours of graduate MAE coursework (500 level and above) for the major area of emphasis requirement. An additional three credit hours of elective coursework (for a total of nine credit hours) is also required.

Coursework for the major area of emphasis is restricted to MAE coursework.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- official GRE score
- personal statement
- resume or curriculum vitae
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency via a minimum score of 80 on the internet-based TOEFL regardless of current residency.

Admission to the aerospace engineering graduate program is highly competitive.

Admission to the 4+1 degree program requires an ASU GPA of 3.50 (scale is 4.00 = "A") in degree-applicable courses. All applications are subject to review, and admission is not guaranteed.

Contact Information:

Engineering, Ira A. Fulton Schools of
Mechanical and Aerospace Engineering Program
<https://semte.engineering.asu.edu/aerospace-graduate/>
ECG 202
semtegrad@asu.edu
480-965-2335

Aerospace Engineering, PHD (ESAERSPPHD)

Online Degree Search Title: Aerospace Engineering, PhD

Campus: Tempe

Program Description:

The PhD program in aerospace engineering emphasizes original research and provides students with a strong background for employment by academic institutions, government laboratories and industrial research laboratories with a focus on aerospace engineering. The program stresses a sound foundation in technical fundamentals, communication and professionalism. To this end, a broad-based curriculum is offered in design, system dynamics and control; fluid mechanics and aerodynamics; mechanics and dynamics of solids and structures; transport phenomena; thermodynamics; and energy. Modern computational and laboratory facilities are available to support timely research investigations.

Degree Requirements:

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

All students pursuing the PhD are required to pass both a qualifying and a comprehensive examination administered by the program committee. In addition, the following are required:

coursework directly related to the research area (18)

mathematics (9)

graduate courses outside the major research area (9)

MAE 792 Research

MAE 799 Dissertation credit hours (12)

Students in the doctoral program who have not completed an MS degree previously will be allowed to apply for a Master of Science in Passing after successfully completing the comprehensive exams.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from an accredited U.S. or international institution.

Applicants must have a minimum cumulative GPA of 3.25 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.25 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- GRE scores
- personal statement
- resume or curriculum vitae
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency via a minimum of score of 80 on the internet-based TOEFL regardless of current residency.

Admission to the aerospace engineering doctoral program is highly competitive and preferred applicants have an undergraduate or MS degree in aerospace engineering or mechanical engineering. The admission process considers all aspects of the student's application. The typical successful applicant has a cumulative GPA of at least 3.25 (scale is 4.00 = "A") in engineering and science coursework in a bachelor's or master's degree program and has high GRE and TOEFL scores.

Contact Information:

Engineering, Ira A. Fulton Schools of
Mechanical and Aerospace Engineering Program
<https://semte.engineering.asu.edu/aerospace-graduate/>
ECG 202
semtegrad@asu.edu
480-965-2335

Applied Ethics and the Professions (Ethics and Emerging Technologies), MA (LAAPEETMA)

Online Degree Search Title: Applied Ethics (Ethics and Emerging Technologies), MA

Campus: Tempe

ASU is not currently accepting applications for this program.

Program Description:

The purpose of the MA program in applied ethics with a concentration in ethics and emerging technologies is to examine ethical challenges posed by emerging technologies, including nanotechnology, neurotechnology, biotechnology, robotics, and advanced information and communication technology. Not only are these technologies being developed at an unprecedented pace, they also share several unique characteristics, including system complexity, social embeddedness and the potential to converge with one another. Emerging technologies will change how humans live and work and have the potential to alter the very nature of human existence. Challenges considered by courses in the program include emerging technologies and public policy, ethical responsibilities of professionals engaged in development of emerging technologies, promise and perils of emerging technologies, and whether traditional ethical concepts and processes can and should be applied to emerging technologies.

Degree Requirements:

30 credit hours including the required applied project course (AEP 593).

Required Core (6 credit hours)

Concentration (3 credit hours)

Elective (15 credit hours)

Culminating Experience (6 credit hours)

AEP 593 Applied Project (6)

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- official GRE scores sent directly to Graduate Admission Services
- statement of interest in applied ethics and career goals
- three letters of recommendation

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency by meeting the Graduate College English proficiency requirements regardless of current residency. Applicants required to demonstrate English proficiency and who are seeking a teaching assistantship must demonstrate proficiency in spoken English; a score of 55 or better on the Speaking Proficiency English Assessment Kit or a score of 26 on the speaking portion of the TOEFL is required.

Contact Information:

Engineering, Ira A. Fulton Schools of
School of Sustainable Engineering & Built Environment
<https://graduate.engineering.asu.edu/>
ECG 251
sebe.advising@asu.edu
480-965-0595

Biological Design, PHD (GCBDSPHD)

Online Degree Search Title: Biological Design, PhD

Campus: Tempe

Program Description:

The PhD program in biological design seeks to develop a new type of scientist by training students in core disciplines related to biomedicine and biotechnology while simultaneously preparing them to participate successfully in the interdisciplinary research teams of the future.

The research emphasis is on projects that are use-inspired, contributing directly to solutions for important societal challenges. This is a highly mentored program of personalized study that provides significant interaction with the large and vibrant local research community.

There are four key distinguishing features of the curriculum: a personalized plan of study that allows students to explore the disciplinary and interdisciplinary areas of greatest interest; encouragement to choose dissertation research projects that are use-focused, contribute to solving a large-scale challenge and promise rich transdisciplinary experiences; opportunities to participate in a proseminar format to encourage broad research interactions and discuss problems and challenges in biological design research; and three 10-week laboratory rotations during the first year of study.

Rotations can be in any ASU laboratory that is centered largely on biological research.

Degree Requirements:

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (3 credit hours)

BDE 702 Fundamentals of Biological Design II (3)

Other Requirements (2 credit hours)

BDE 598 Special Topics: Biological Design Seminar (1)

BDE 791 Seminar: Biological Design Proseminar (1)

Electives and Research (67 credit hours)

Culminating Experience (12 credit hours)

BDE 799 Dissertation (12)

Additional Curriculum Information

Other requirement courses may be substituted with approval of the academic unit.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- GRE scores
- three letters of recommendation
- personal statement
- resume
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

For GRE test scores, the institution code for ASU is 4007 and the departmental code is 0000. Subject test scores are also recommended but not required.

Three letters of recommendation relative to the candidate's academic career are required. The personal statement should reflect the candidate's career and educational goals and should explain why the candidate is interested in pursuing this degree. The resume should include prior research and employment experience, honors, awards, memberships held, publications, etc.

For additional admission requirements, including transcripts, fees and international application requirements, students should see the Graduate Academic Catalog Archive 2020-2021

Admission Services website.

Contact Information:

Engineering, Ira A. Fulton Schools of
School for Engineering of Matter, Transport & Energy
<https://semte.engineering.asu.edu/biological-design-phd/>
ECG 334
semte@asu.edu
480-965-2335

Biomedical Engineering, MS (ESBIOENMS)

Online Degree Search Title: Biomedical Engineering, MS

Campus: Tempe

Program Description:

The School of Biological and Health Systems Engineering faculty offer a graduate program leading to the MS in biomedical engineering.

Areas of study include:

- biomaterials, biosensors, biomarkers and biomimetic materials
- biomedical imaging
- molecular, cellular and tissue engineering
- neural and rehabilitation engineering
- synthetic and systems biology

Biomedical engineering offers an accelerated BSE/MS in biomedical engineering degree for students in the Bachelor of Science in Engineering program who have maintained a GPA of 3.50 (scale is 4.00 = "A") into their junior year. The program allows up to 12 credit hours of graduate-level coursework taken as technical electives during the senior year to be applied toward both the undergraduate and graduate degrees.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Biomedical Engineering, BSE

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

30 credit hours and a thesis, or 30 credit hours including the required applied project course (BME 593).

All candidates pursuing a master's degree in biomedical engineering are required to complete an approved plan of study. Special course requirements for the different areas of study are established by the faculty.

A candidate whose undergraduate degree is in a field other than biomedical engineering may be required to complete more than the required credit hours of the program of study.

The following are program requirements for the applied project option:

biomedical engineering coursework (13)
biomedical engineering seminar (2)
general electives (6)
quantitative electives (6)
applied project (3)

The following are program requirements for the thesis option:

biomedical engineering coursework (9)
biomedical engineering seminar (3)
general electives (6)
quantitative electives (6)
thesis (6)

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- official GRE scores
- resume or curriculum vitae
- a statement of purpose
- two letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Contact Information:

Engineering, Ira A. Fulton Schools of
Harrington Bioengineering Program
<https://sbhse.engineering.asu.edu/>
ECG 334
sbhse.advising@asu.edu
480-965-3028

Biomedical Engineering, PHD (ESBIOENPHD)

Online Degree Search Title: Biomedical Engineering, PhD

Campus: Tempe

Program Description:

The School of Biological and Health Systems Engineering faculty offer a graduate program leading to the PhD in biomedical engineering.

Areas of study include:

- biomaterials, biosensors, biomarkers and biomimetic materials
- biomedical imaging
- molecular, cellular and tissue engineering
- neural and rehabilitation engineering
- synthetic and systems biology

The doctoral degree in biomedical engineering is conferred upon evidence of excellence in research resulting in a scholarly dissertation that is a contribution to knowledge.

Degree Requirements:

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Bioengineering Courses (at least 18 credit hours)

Doctoral students are required to complete six credit hours from each of the following three areas:

BME graduate courses (BME prefix) (6)

life science/biology graduate courses (6)

quantitative math or engineering (6)

Other Requirement (3 credit hours)

BME 780 Teaching Practicum (3)

Technical Electives (9 credit hours)

No fewer than nine credit hours of coursework (as determined by the student's supervisory committee) must be selected from the list of 400- to 700-level courses that are not selected as required BME courses.

Research (37 credit hours)

BME 792 Research (37)

Seminar (5 credit hours)

BME 591 Seminar (5)

Culminating Experience (12 credit hours)

BME 799 Dissertation (12)

Additional Curricular Requirements

Up to six credit hours of the required biomedical engineering courses and technical electives combined may be at the 400 level.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- official GRE scores
- a statement of purpose
- resume or curriculum vitae
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Students should view the School of Biological and Health Systems admissions checklist on the Arizona State University website for specific admission procedures and deadlines.

Contact Information:

Engineering, Ira A. Fulton Schools of

Harrington Bioengineering Program

<https://sbhse.engineering.asu.edu/>

ECG 334

sbhse.advising@asu.edu

480-965-3028

Chemical Engineering, MS (ESCHEMEMS)

Online Degree Search Title: Chemical Engineering, MS

Campus: Tempe

Program Description:

The chemical engineering faculty offer a graduate program leading to the MS in chemical engineering.

Areas of research emphasis include atmospheric aerosols, biomolecular engineering, biosensors, chemical therapies for neurodegenerative diseases, electrochemistry, electronic materials processing, engineering education, flexible display technology, fuel cells, inorganic membranes, process design and operations, protein synthesis, transport phenomena in living systems and water purification.

A graduate handbook detailing information on graduate studies in chemical engineering is available on the school website. For additional details, students should contact the Graduate Advising Office in the School for Engineering of Matter, Transport and Energy.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Chemical Engineering, BSE

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

33 credit hours and a thesis, or 33 credit hours including the required applied project course (CHE 593).

Required Core (9 credit hours)

CHE 533 Transport Processes I (3)

CHE 543 Thermodynamics of Chemical Systems (3)

CHE 544 Chemical Reactor Engineering (3)

Technical Electives (15 or 18 credit hours)

Other Requirement (3 credit hours)

CHE 591 Seminar (3)

Culminating Experience (3 or 6 credit hours)

CHE 593 Applied Project (3)

CHE 599 Thesis (6)

Additional Curriculum Information

This degree has two options: a thesis option and a nonthesis option. The nonthesis option requires an applied project. Both options require a faculty advisor. All students are admitted to the nonthesis option until a faculty advisor has been secured and agrees to allow the student to change to the thesis option.

The composition of technical electives depends on the student's final culminating experience. At least one technical elective course of three credit hours must be taken outside of chemical engineering, and the academic unit must approve all elective coursework in order for the credits to be utilized on the plan of study.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- official GRE score
- personal statement
- resume or curriculum vitae
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency via a minimum score of 90 on the internet-based TOEFL regardless of current residency.

Admission to the 4+1 degree program requires a 3.50 ASU GPA (scale is 4.00 = "A") in degree-applicable courses. All applications are subject to review, and admission is not guaranteed.

Contact Information:

Engineering, Ira A. Fulton Schools of

Chemical Engineering Program

<https://semte.engineering.asu.edu/chemical-graduate/>

ECG 202

semtegrad@asu.edu

480-965-2335

Chemical Engineering, PHD (ESCHEMEPHD)

Online Degree Search Title: Chemical Engineering, PhD

Campus: Tempe

Program Description:

The chemical engineering faculty offer a graduate program leading to the PhD in chemical engineering.

Areas of research emphasis include atmospheric aerosols, biomolecular engineering, biosensors, chemical therapies for neurodegenerative diseases, electrochemistry, electronic materials processing, engineering education, flexible display technology, fuel cells, inorganic membranes, process design and operations, protein synthesis, transport phenomena in living systems and water purification.

A graduate handbook detailing information on graduate studies in chemical engineering is available on the school website. For additional details, students should contact the Graduate Advising Office in the School for Engineering of Matter, Transport and Energy.

Degree Requirements:

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (9 credit hours)

CHE 533 Transport Processes I (3)

CHE 543 Thermodynamics of Chemical Systems (3)

CHE 544 Chemical Reactor Engineering (3)

Technical Electives (18 credit hours)

Other Requirements (5 credit hours)

CHE 591 Seminar (5)

Research (12 credit hours)

CHE 792 Research (12)

Additional Research/Electives (28 credit hours)

Culminating Experience (12 credit hours)

CHE 799 Dissertation (12)

Additional Curriculum Information

Technical electives are from within or outside the chemical engineering program.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- GRE scores
- personal statement
- resume or curriculum vitae
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English is required to achieve a minimum score of 100 on the internet-based TOEFL regardless of current residency.

Students should see the program website for application deadlines.

Contact Information:

Engineering, Ira A. Fulton Schools of
Chemical Engineering Program
<https://semte.engineering.asu.edu/chemical-graduate/>
ECG 202
semtegrad@asu.edu
480-965-2335

Civil, Environmental and Sustainable Engineering, MS (ESCIVILMS)

Online Degree Search Title: Civil, Environmental, and Sustainable Engineering, MS

Campus: Tempe

Program Description:

The faculty in civil, environmental and sustainable engineering offer a graduate program leading to an MS in civil, environmental and sustainable engineering. The program is designed to enhance the knowledge gained in the undergraduate program by requiring students to understand and practice fundamental concepts in engineering, mathematics and the basic sciences.

The pattern of coursework applicable to the degree is potentially unique for each student, although it must conform to the general guidelines for subject matter content for the degree as authorized here and on the program's website. Students are admitted to one of the following specialty areas in engineering: environmental, geotechnical, hydrosystems, structural, sustainable or transportation.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Civil Engineering, BSE
- Civil Engineering (Environmental Engineering), BSE
- Civil Engineering (Sustainable Engineering), BSE
- Environmental Engineering, BSE

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

30 credit hours and a thesis, or 30 credit hours and a written comprehensive exam, or 30 credit hours and an applied project (CEE 593).

All candidates for the master's degree thesis option are required to complete 24 credit hours of approved graduate coursework and a minimum of six credit hours of CEE 599 Thesis. The written thesis must be original research in nature. Additional courses may be assigned by the graduate supervisory committee, depending on the background of the candidate. A final oral examination in defense of the thesis written work is required.

Candidates in the applied project option must complete 27 credit hours of approved graduate coursework and three credit hours of CEE 593 Applied Project.

Candidates in the comprehensive exam option must complete 30 credit hours of approved graduate coursework and complete a written comprehensive exam.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to this program if they have earned a bachelor's or master's degree with a major in engineering or a closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program. Applicants with a lower GPA may be admitted provisionally at the discretion of the admission committee.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- GRE scores
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Those seeking a teaching assistantship must demonstrate proficiency in spoken English with a score of 55 or better on the Speaking Proficiency English Assessment Kit or a score of 26 on the speaking portion of the TOEFL.

The student's credentials for admission are evaluated by the graduate program chair and a committee chaired by the specialty area coordinator. A student whose undergraduate degree is not in civil engineering is required to take appropriate undergraduate courses as deficiency courses to establish a base of knowledge in the discipline. Deficiencies for admission to the graduate degree program are specified at the time of admission, and details can be obtained at the graduate studies section of the program's website.

Prospective students should note the following two requirements need to be met for consideration for admission: minimum score in the quantitative section of 155 and minimum combined score for the quantitative and verbal sections of 301. More information regarding how to send official GRE scores is on the Graduate Admission Services website.

Applicants are encouraged to submit a resume and personal statement.

Contact Information:

Engineering, Ira A. Fulton Schools of
Civil, Environmental and Sustainable Eng Program
<https://ssebe.engineering.asu.edu/graduate/civil/>
CAVC 437
sebe.advising@asu.edu
480-965-0595

Civil, Environmental and Sustainable Engineering, MSE (ESCIVILMSE)

Online Degree Search Title: Civil, Environmental and Sustainable Engineering, MSE

Campus: Tempe

ASU is not currently accepting applications for this program.

Program Description:

The faculty in civil, environmental and sustainable engineering offer a professional program leading to an MSE in civil, environmental and sustainable engineering. The program is designed to bridge the gap between knowledge of engineering sciences and creative engineering practice and increase the depth and breadth of knowledge in selected areas of emphasis.

The pattern of coursework applicable to the degree is potentially unique for each student, although it must conform to the general guidelines for subject matter content for the degree as authorized here, on the program's website and in the program's graduate handbook. Students are admitted to one of the following specialty areas of engineering: environmental, geotechnical, hydrosystems, structural, sustainable or transportation.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Civil Engineering, BSE
- Civil Engineering (Environmental Engineering), BSE
- Civil Engineering (Sustainable Engineering), BSE

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

30 credit hours and a written comprehensive exam.

All candidates for the master's degree are required to complete approved graduate coursework.

Additional courses may be assigned by the graduate supervisory committee depending on the background of the candidate.

Details of the comprehensive written examinations for the different specialty areas can be obtained at the graduate studies section of the program's website.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, with a major in engineering or a closely related program, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- GRE scores
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Those seeking a teaching assistantship must demonstrate proficiency in spoken English with a score of 55 or better on the Speaking Proficiency English Assessment Kit or a score of 26 on the speaking portion of the TOEFL.

A student whose undergraduate degree is not in civil engineering is required to take appropriate undergraduate courses as deficiency courses to establish a base of knowledge in the discipline. Deficiencies for admission to the graduate degree programs are specified at the time of admission and details can be obtained in the graduate studies section of the program's website.

Applicants with a lower GPA may be provisionally admitted at the discretion of the admission committee.

Prospective students should note that GRE scores are used in the admission decision. The average scores for those who were admitted to the graduate programs over the last five years are 732 for MS/MSE and 751 for PhD (GRE General Test) or 157 for MS/MSE and 159 for PhD (GRE revised General Test) in the quantitative section; 1203 for MS/MSE and 1239 for PhD (GRE General Test) or 308 for MS/MSE and 311 for PhD (GRE revised General Test) as combined quantitative and verbal scores.

More information regarding how to send official GRE scores to the Graduate College can be found at <https://admission.asu.edu/contact/faqs#graduate> (<https://admission.asu.edu/contact/faqs#graduate>).

Students' credentials for admission are evaluated by the graduate program chair and a committee chaired by the specialty area coordinator.

Contact Information:

Engineering, Ira A. Fulton Schools of
Civil, Environmental and Sustainable Eng Program
<https://ssebe.engineering.asu.edu/graduate/civil/>
CAVC 437
sebe.advising@asu.edu
480-965-0595

Civil, Environmental and Sustainable Engineering, PHD (ESCIVILPHD)

Online Degree Search Title: Civil, Environmental and Sustainable Engineering, PhD

Campus: Tempe

Program Description:

The faculty in civil, environmental and sustainable engineering offer a graduate program leading to the PhD in civil, environmental and sustainable engineering. A broad range of theoretical and experimental research programs have been established in civil and environmental engineering to prepare graduate students for careers in professional practice and research. These programs are constantly evolving with the changes in society and the profession, and many are transdisciplinary in nature.

The pattern of coursework applicable to the degree is potentially unique for each student, although it must conform to the general guidelines for subject matter content for the degree as authorized here and in the program's graduate handbook. Students are admitted to one of the following specialty areas in engineering: environmental, geotechnical, hydrosystems, structural, sustainable and transportation.

Degree Requirements:

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

All candidates for the doctorate are required to complete 84 approved graduate credit hours; of these, 30 credit hours can be from the previously awarded master's degree. Additional graduate credit work may be assigned by the graduate supervisory committee, depending on the background of the candidate.

The graduate credit hours must include a minimum of 12 credit hours of research and 12 credit hours of dissertation work.

This degree program also requires written and oral comprehensive examinations and approval of the dissertation prospectus for the student to be eligible for doctoral candidacy.

After entering candidacy, the student completes the research, and writes and successfully defends the written dissertation.

A final oral examination in the defense of the dissertation work is required for all students.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a master's degree in engineering or a closely related master's degree program from a regionally accredited institution. Exceptionally qualified students with a bachelor's degree may be admitted to the doctoral program.

Applicants must have a minimum cumulative GPA of 3.20 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.20 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- GRE scores
- three letters of recommendation
- a resume
- a personal statement
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Those seeking a teaching assistantship must demonstrate proficiency in spoken English with a score of 55 or better on the Speaking Proficiency English Assessment Kit or a score of 26 on the speaking portion of the TOEFL.

A student whose undergraduate or master's degree is not in civil engineering is required to take appropriate undergraduate or graduate courses as deficiency courses, to establish a base of knowledge in the discipline. Deficiencies for admission to the program are specified at the time of admission, and details can be obtained at the graduate studies section of the program's website.

Prospective students should note that GRE scores are used in the admission decision. The average scores for those who were admitted to the graduate programs over the last five years are 732 for MS/MSE and 751 for PhD (GRE General Test) or 157 for MS/MSE and 159 for PhD (GRE revised General Test) in the quantitative section; 1203 for MS/MSE and 1239 for PhD (GRE General Test) or 308 for MS/MSE and 311 for PhD (GRE revised General Test) as combined quantitative and verbal scores. More information regarding how to send official GRE scores to Graduate Admission Services can be found at <https://admission.asu.edu/contact/faqs#graduate> (<https://admission.asu.edu/contact/faqs#graduate>).

Students' credentials for admission are evaluated by the graduate program chair and a committee chaired by the specialty area coordinator.

Contact Information:

Engineering, Ira A. Fulton Schools of
Civil, Environmental and Sustainable Eng Program
<https://ssebe.engineering.asu.edu/graduate/civil/>
CAVC 437
sebe.advising@asu.edu
480-965-0595

Computer Engineering (Computer Systems), MS (ESCENCMS)

Online Degree Search Title: Computer Engineering (Computer Systems), MS

Campus: Tempe

Program Description:

The MS in computer engineering is a transdisciplinary program that builds on the fundamentals of computer science, electrical engineering, applied mathematics and physical sciences. Graduates of this program have the knowledge and skills necessary to advance the design, system integration, testing, evaluation and deployment of state-of-the-art hardware and software for systems that include computing, communications and networking (wired and wireless), control functions, sensing, signal processing and actuation.

The program is intended for students who want to gain knowledge deeper than that provided at the bachelor's degree level and sufficient for designing and implementing state-of-the-art systems in industrial research and development positions. The program is also appropriate for students contemplating future doctoral study and those who wish to gain experience in research. Master's degree program graduates may work under the direction of scientists and engineers who hold doctorates in high-tech lab settings assisting in developing innovative products and systems that require strong foundational knowledge in the underlying sciences and the ability to synthesize and analyze engineering principles as they relate to the development of new computer engineering technology.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Computer Systems Engineering, BSE

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

30 credit hours and a thesis, or 30 credit hours and a written comprehensive exam.

Required Core (6 credit hours)

CSE 551 Foundations of Algorithms (3)

EEE 554 Random Signal Theory (3)

Electives (18-24 credit hours)

Culminating Experience (0-6 credit hours)

CEN 599 Thesis (6) or

written comprehensive exam

Additional Curriculum Information

This program has a thesis and a nonthesis option for the culminating experience. Students in the nonthesis option take 24 credit hours of electives and students in the thesis option take only 18 credit hours to reach the 30 credit hour requirement. Electives are selected in consultation with the academic unit.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's degree or equivalent or a master's degree from a regionally accredited college or university of recognized standing in a related field such as computer engineering, computer science, computer systems engineering or electrical engineering.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- personal statement that indicates professional goals and reasons for desiring to enroll in the program
- GRE required if undergraduate program is not ABET-accredited (<http://www.abet.org/> (<http://www.abet.org/>))
- letters of recommendations are optional
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency via a TOEFL score regardless of current residency. Students should see <https://students.asu.edu/graduate/proficiency> (<https://students.asu.edu/graduate/proficiency>) for more information.

A GRE score is required unless the student has graduated with an undergraduate degree in computer science or computer systems engineering from ASU. Students, international and domestic, are also exempt from taking the GRE if they have a degree from an ABET-accredited program from a U.S. or overseas institution and meet the minimum GPA requirements of the academic units. Students who do not meet these requirements as outlined are required to take the GRE.

Depending upon an applicant's prior academic preparation and accomplishments, it is recommended that students consider taking the following courses to ensure adequate background preparation:

CSE 230 Computer Organization and Assembly Language Programming
CSE 310 Data Structures and Algorithms
EEE 203 Signals and Systems I
EEE 335 Analog and Digital Circuits
MAT 243 Discrete Mathematical Structures

A reading list of the topics covered in the placement exam will be provided in advance of the exam.

Students should see the program website for application deadlines.

Contact Information:

Engineering, Ira A. Fulton Schools of
Computer Science and Engineering Program
<https://cen.engineering.asu.edu>
CTRPT 105
cidse.advising@asu.edu
480-965-3199

Computer Engineering (Computer Systems), PHD (ESCENCPHD)

Online Degree Search Title: Computer Engineering (Computer Systems), PhD

Campus: Tempe

Program Description:

The PhD in computer engineering is a transdisciplinary program that builds on the fundamentals of computer science, electrical engineering, applied mathematics and physical sciences.

Graduates of this program will have the knowledge and skills necessary to fundamentally advance and develop new paradigms for the design, system integration, testing, evaluation and deployment of state-of-the-art hardware and software for systems that include computing, communications and networking (wired and wireless), control functions, sensing, signal processing and actuation.

The program in computer engineering with a concentration in computer systems is intended for students with excellent ability in mathematics and physical science who are interested in gaining an in-depth knowledge of the foundational principles of engineering and pursuing a career in academia, research or highly technical entrepreneurial innovation. This doctoral program provides broader and more in-depth preparation than the MS programs, in anticipation of a demonstrated ability to independently pursue more creative and substantive innovation with higher impact.

Degree Requirements:

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (6 credit hours)

CSE 551 Foundations of Algorithms (3)

EEE 554 Random Signal Theory (3)

Concentration (9 credit hours)

Focus Area Electives (3 credit hours)

Technical Electives (30 credit hours)

Research (24 credit hours)

CEN 792 Research (24)

Culminating Experience (12 credit hours)

CEN 799 Dissertation (12)

Additional Curriculum Information

Concentration, focus area and technical elective courses are selected in consultation with the academic unit.

The concentration and focus area course lists are located on the computer engineering website and need to meet the following requirements: at least nine credit hours of graduate level coursework in computer engineering (CEN XXX) or computer science (CSE XXX); and at least three credit hours of graduate level coursework in electrical engineering (EEE XXX) or computer engineering.

This program requires a qualifying exam. Students should see the academic unit for information on timeline and satisfactory progress standards.

Students may apply up to 30 credit hours from a previously awarded master's degree toward their doctoral Interactive Plan of Study with approval of the program and supervisory committee and the dean of the Graduate College.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's degree (or equivalent) or a graduate degree from a regionally accredited institution of recognized standing in a related field such as computer engineering, computer science, computer systems engineering or electrical engineering.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- personal statement
- three letters of recommendation
- official transcripts
- GRE scores
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. The TOEFL is required for an applicant whose native language is not English: <https://admission.asu.edu/international/graduate/english-proficiency> (<https://admission.asu.edu/international/graduate/english-proficiency>).

The personal statement should explain the professional goals and reasons for desiring to enroll in the doctoral program as well as describing any research experiences and indicating personal research interest.

A student, whether international or domestic, is exempt from taking the GRE if they have a degree from an ABET-accredited program from a U.S. or overseas institution and meet the minimum GPA requirements of the academic units. A student who does not meet these requirements as outlined is required to take the GRE.

Depending on prior academic preparation and accomplishments of an applicant, it is recommended that the student consider taking the following courses to ensure adequate background preparation:

CSE 230 Computer Organization and Assembly Language Programming
CSE 310 Data Structures and Algorithms
EEE 203 Signals and Systems I
EEE 335 Analog and Digital Circuits
MAT 243 Discrete Mathematical Structures

Contact Information:

Engineering, Ira A. Fulton Schools of
Computer Science and Engineering Program
<https://cen.engineering.asu.edu>
CTRPT 105
cidse.advising@asu.edu
480-965-3199

Computer Engineering (Electrical Engineering), MS (ESCEMMS)

Online Degree Search Title: Computer Engineering (Electrical Engineering), MS

Campus: Tempe

Program Description:

Computer engineering is a transdisciplinary program that builds on the fundamentals of computer science, electrical engineering, applied mathematics, and physical sciences. Graduates of this program have the knowledge and skills necessary to advance the design, system integration, testing, evaluation and deployment of the state-of-the-art hardware and software for systems that include computing, communications and networking (wired and wireless), control functions, sensing, signal processing and actuation.

The MS program is intended for students who want to gain knowledge deeper than that provided at the bachelor's degree level and sufficient for

designing and implementing state-of the-art systems in industrial research and development positions. The program is also appropriate for students contemplating future doctoral study and desiring to gain experience in research.

Program graduates may work under the direction of scientists and engineers who hold doctorates in high-tech lab settings assisting in developing innovative products and systems that require strong foundational knowledge in the underlying sciences and the ability to synthesize and analyze engineering principles as they relate to the development of new computer engineering technology.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Electrical Engineering, BSE

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

30 credit hours and a thesis, or 30 credit hours and a written comprehensive exam, or 30 credit hours and a written comprehensive exam - MIP.

Required Core (6 credit hours)

CSE 551 Foundations of Algorithms (3)

EEE 554 Random Signal Theory (3)

Electives (18-24 credit hours)

Culminating Experience (0-6 credit hours)

CEN 599 Thesis (6) or

written comprehensive exam

Additional Curriculum Information

This program has a thesis and a nonthesis option for the culminating experience. Students in the nonthesis option take 24 credit hours of electives, and students in the thesis option take only 18 credit hours to reach the 30 credit hour requirement. Electives are selected in consultation with the academic unit.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's degree (or equivalent) or a master's degree from a regionally accredited college or university of recognized standing in a related field such as computer engineering, computer science, computer systems engineering or electrical engineering.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- personal statement
- three letters of recommendation (optional)
- GRE scores
- proof of English proficiency

An applicant whose native language is not English must provide proof of English proficiency via a TOEFL score regardless of current residency: <https://admission.asu.edu/international/graduate/english-proficiency>.

The personal statement should indicate professional goals and reasons for desiring to enroll in the program.

Students who hold a U.S. ABET-accredited undergraduate degree are not required to submit GRE scores.

Contact Information:

Engineering, Ira A. Fulton Schools of
Electrical Engineering Program

<https://cen.engineering.asu.edu>

GWC 209

askee@asu.edu

480-965-3424

Computer Engineering (Electrical Engineering), PHD (ESCENEPHD)

Online Degree Search Title: Computer Engineering (Electrical Engineering), PhD

Campus: Tempe

Program Description:

Computer engineering is a transdisciplinary program that builds on the fundamentals of computer science, electrical engineering, applied mathematics, and physical sciences. Graduates of this program have the knowledge and skills necessary to fundamentally advance and develop new paradigms for the design, system integration, testing, evaluation and deployment of state-of-the-art hardware and software for systems that include computing, communications and networking (wired and wireless), control functions, sensing, signal processing and actuation.

The PhD program is intended for students with excellent ability in mathematics and physical science who are interested in gaining an in-depth knowledge of the foundational principles of engineering and pursuing a career in academia, research or highly technical entrepreneurial innovation. This doctoral program provides a broader and more in-depth preparation than the MS programs, in anticipation of a demonstrated ability to independently pursue more creative and substantive innovation with higher impact.

Degree Requirements:

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (6 credit hours)

CSE 551 Foundations of Algorithms (3)

EEE 554 Random Signal Theory (3)

Concentration (9 credit hours)

Focus Area Electives (3 credit hours)

Technical Electives (30 credit hours)

Research (24 credit hours)

CEN 792 Research (24)

Culminating Experience (12 credit hours)

CEN 799 Dissertation (12)

Additional Curriculum Information

Concentration, focus area and technical elective courses are selected in consultation with the academic unit.

The concentration and focus area course lists are located on the computer engineering website and need to meet the following requirements: at least nine credit hours of graduate level coursework in electrical engineering (EEE XXX) or computer engineering (CEN XXX); and at least three credit hours of graduate level coursework in computer engineering or computer science (CSE XXX).

This program requires a qualifying exam. Students should see the academic unit for information on timeline and satisfactory progress standards.

Students may apply up to 30 credit hours from a previously awarded master's degree toward their doctoral Interactive Plan of Study with approval of the program and supervisory committee and the dean of the Graduate College.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's degree (or equivalent) or a graduate degree from a regionally accredited institution of recognized standing in a related field such as computer engineering, computer science, computer systems engineering or electrical engineering.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum GPA of 3.50 (scale is 4.00 = "A") in the MS or MSE coursework for acceptance into the doctoral program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- GRE scores
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. A TOEFL is required for applicants whose native language is not English. <https://admission.asu.edu/international/graduate/english-proficiency> (<https://admission.asu.edu/international/graduate/english-proficiency>)

Students who hold a U.S. ABET-accredited undergraduate degree are not required to submit GRE scores.

Contact Information:

Engineering, Ira A. Fulton Schools of
 Electrical Engineering Program
<https://cen.engineering.asu.edu>
 GWC 209
 askee@asu.edu
 480-965-3424

Computer Science, MCS (ESCOMSCMCS)

Online Degree Search Title: Computer Science, MCS

Campus: Tempe, Online

Program Description:

The MCS is an advanced degree program targeted at students with an undergraduate education in computing and related disciplines who can best profit from further breadth and background in computer science. The Master of Computer Science program also affords an opportunity for students employed in industry to seek a breadth of advanced education in computer science.

The program reflects the dual nature of computer science as a scientific and engineering discipline by allowing emphasis on theory as well as practical applications. Students can study topics such as:

- artificial intelligence
- bioinformatics
- cloud and distributed computing
- computer-aided geometric design
- computer design and architecture
- computer graphics
- computer networks
- cyber-physical and embedded systems
- cyber security
- database management and information retrieval
- database systems
- data mining and machine learning
- distributed computing and operating systems
- embedded systems
- health operations and informatics
- imaging, graphics and visualization
- information assurance and security
- intelligent information integration
- multimedia
- network algorithms
- personalized learning and educational games
- simulation modeling and systems
- social computing
- software engineering
- statistical modeling
- theory and algorithms

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Computer Science, BS
Computer Science (Cybersecurity), BS
Computer Science (Software Engineering), BS
Computer Systems Engineering, BSE
Computer Systems Engineering (Cybersecurity), BSE

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

30 credit hours and a portfolio.

Required Core Areas (9 credit hours)

applications (3)

foundations (3)

systems (3)

Electives (21 credit hours)

Culminating Experience (0 credit hours)

portfolio (0)

Additional Curriculum Information

Students should see the academic unit for the list of courses approved for each core area in applications, foundations and systems.

Students choose 21 credit hours of elective coursework approved by their academic advisor. Coursework selected as part of the area core may not be used as elective coursework on the same plan of study.

At least 24 of these hours must be CSE 5XX credits at ASU. A maximum of four CSE 598 courses are allowed as elective coursework, which cannot include courses taken at the undergraduate level. Up to six credit hours of 400-level courses may be applied to the plan of study. All 30 credit hours must be from formal coursework. CSE 590 is not allowed as part of the MCS program plan of study.

All MCS program students must complete a project portfolio from three courses in which the student received a "B" (3.00) grade or higher.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in computer science, computer engineering or a closely related area from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants must submit:

- graduate admission application and application fee
- official transcripts
- GRE scores (optional, but strongly recommended for Tempe campus applicants)
- statement of purpose OR curriculum vitae
- letters of recommendation (optional, but strongly recommended for Tempe campus applicants)
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Students assigned any deficiency coursework upon admission must complete those classes with a grade of "B" (scale is 4.00="A") or higher within two semesters of admission to the program. Deficiency courses include:

CSE 230 Computer Organization and Assembly Language Programming (3)

CSE 310 Data Structures and Algorithms (3)

CSE 330 Operating Systems (3)

CSE 340 Principles of Programming Languages (3), or CSE 355 Introduction to Theoretical Computer Science (3)

The applicant's undergraduate GPA and depth of preparation in computer science and engineering are the primary factors affecting admission.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/graduate/computer-science-mcs/>)

Contact Information:

Engineering, Ira A. Fulton Schools of
Computer Science and Engineering Program
<https://cidse.engineering.asu.edu/graduate-computer-science/>
CTRPT 105
cidse.advising@asu.edu (Tempe) or mcsonline@asu.edu (Online)
480-965-3199

Computer Science, MS (ESCOMSCMS)

Online Degree Search Title: Computer Science, MS

Campus: Tempe

Program Description:

The MS in computer science degree program has thesis and nonthesis options. It is targeted toward students with an undergraduate education in the science of computation. It provides instruction in advanced coursework and emphasizes research by the student. Students can conduct cutting-edge research and complete coursework in a wide variety of research areas including:

- artificial intelligence
- bioinformatics
- cloud and distributed computing
- computer design and architecture
- computer graphics
- computer networks
- computer-aided geometric design
- cyber-physical and embedded systems
- cyber security
- data mining and machine learning
- database management and information retrieval
- database systems
- distributed computing and operating systems
- embedded systems
- health operations and informatics
- imaging, graphics and visualization
- information assurance and security
- intelligent information integration
- multimedia
- network algorithms
- personalized learning and educational games
- simulation modeling and systems
- social computing
- software engineering
- statistical modeling
- theory and algorithms

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Computer Science, BS
- Computer Science (Cybersecurity), BS
- Computer Science (Software Engineering), BS
- Computer Systems Engineering, BSE
- Computer Systems Engineering (Cybersecurity), BSE

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

30 credit hours and a portfolio, or 30 credit hours and a thesis.

Required Core Areas (9 credit hours)

applications (3)

foundations (3)

systems (3)

Electives (15 or 21 credit hours)

Culminating Experience (0 or 6 credit hours)

CSE 599 Thesis (6) or

portfolio (0)

Additional Curriculum Information

Students should see the academic unit for the list of courses approved for each core area in applications, foundations and systems. Courses selected as part of the core may not be used as other elective coursework on the same plan of study.

Students complete a thesis or portfolio for the culminating experience. Students in the thesis option take 15 credit hours of electives, and students in the portfolio option take 21 credit hours of electives. The project portfolio is developed from three courses in which the student received a "B" grade (3.00 on a 4.00 scale) or higher. Students should see the academic unit for additional information and requirements.

For thesis students, nine of the 15 credit hours of electives must be courses in a chosen research area and approved by the student's academic advisor. Up to six credit hours can be independent study in CSE 590 Reading and Conference.

Students complete a minimum of 30 credit hours for the program. At least 24 of these credit hours must be 500-level CSE courses at ASU. Up to six credit hours of 400-level courses may be applied to the plan of study.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in computer science, computer engineering or a closely related area from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.25 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.25 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- scores for the GRE
- three letters of recommendation
- a statement of purpose
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

If the student has graduated with an undergraduate degree in computer science or computer systems engineering at ASU, GRE scores are not required.

Students assigned any deficiency coursework upon admission must complete those classes with a grade of "B" (scale is 4.00 = "A") or higher within two semesters of admission to the program. Deficiency courses include:

CSE 230 Computer Organization and Assembly Language Programming

CSE 310 Data Structures and Algorithms

CSE 330 Operating Systems

CSE 340 Principles of Programming Languages or CSE 355 Introduction to Theoretical Computer Science

The applicant's undergraduate GPA and depth of preparation in computer science and engineering are the primary factors affecting admission.

Contact Information:

Engineering, Ira A. Fulton Schools of

Computer Science and Engineering Program

<https://cidse.engineering.asu.edu/graduate-computer-science/>

CTRPT 105

Computer Science, PHD (ESCOMSCPHD)

Online Degree Search Title: Computer Science, PhD

Campus: Tempe

Program Description:

The PhD program in computer science prepares students to undertake fundamental and applied research in computer science.

Students can conduct cutting-edge research in a wide variety of research areas, including:

- artificial intelligence
- bioinformatics
- cloud and distributed computing
- computer design and architecture
- computer graphics
- computer networks
- computer-aided geometric design
- cyber-physical and embedded systems
- cybersecurity
- data mining and machine learning
- database management and information retrieval
- database systems
- distributed computing and operating systems
- embedded systems
- health operations and informatics
- imaging, graphics and visualization
- information assurance and security
- intelligent information integration
- multimedia
- network algorithms
- personalized learning and educational games
- simulation modeling and systems
- social computing
- software engineering
- statistical modeling
- theory and algorithms

Graduates are prepared for careers in academia, government and industry.

Degree Requirements:

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core Areas (15 credit hours)

architecture and networked systems (3)

data and information systems (3)

foundations of computation and algorithms (3)

intelligent and interactive systems (3)

software and information assurance (3)

Depth (6 credit hours)

six additional credit hours in one core area (6)

Electives (33 - 39 credit hours)

Research (12 - 18 credit hours)

CSE 792 Research (12-18)

Culminating Experience (12 credit hours)

CSE 799 Dissertation (12)

Additional Curriculum Information

Students should see the academic unit for the list of courses approved for each core area. Courses that are used to satisfy the core area requirement cannot be used to satisfy electives or other requirements.

Students choose computer science electives in consultation with their graduate advisor. Up to 18 credit hours of CSE 590 and CSE 790 are allowed on the plan of study. Additional restrictions may apply to electives course selection.

When approved by the academic unit and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used for this degree.

A maximum of six credit hours of 400-level coursework may be applied to the plan of study.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in computer science, computer engineering or a closely related area. Most applicants should have earned a master's degree, but exceptional undergraduate applicants may be admitted directly into the doctoral program.

Applicants must have a minimum cumulative GPA of 3.50 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.50 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts from every university attended
- scores for the GRE
- three letters of recommendation
- a statement of purpose
- curriculum vitae or resume
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

If the student has graduated with an undergraduate degree in computer science or computer systems engineering from ASU, GRE scores are not required.

Students assigned any deficiency coursework upon admission must complete those classes with a grade of "B" or higher (scale is 4.00 = "A") within two semesters of admission to the program. Deficiency courses include:

- CSE 230 Computer Organization and Assembly Language Programming
- CSE 310 Data Structures and Algorithms
- CSE 330 Operating Systems
- CSE 340 Principles of Programming Languages or CSE 355 Introduction to Theoretical Computer Science

The applicant's undergraduate GPA and depth of preparation in computer science and engineering are the primary factors affecting admission.

Contact Information:

Engineering, Ira A. Fulton Schools of
Computer Science and Engineering Program
<https://cidse.engineering.asu.edu/graduate-computer-science/>
CTRPT 105
cidse.advising@asu.edu
480-965-3199

Computer Science (Arts, Media and Engineering), MS (ESAMECSMS)

Online Degree Search Title: Computer Science (Art, Media and Engineering), MS

Campus: Tempe

Program Description:

The MS program in computer science with a concentration in arts, media and engineering emphasizes research on the integration of the human physical experience with computation and digital media.

Arts, media and engineering researchers produce experiential media systems and models that assist the disadvantaged, empower creativity, enhance scientific discovery, evolve human ability, facilitate learning, and improve quality of life. Within these application areas, researchers explore experiential construction, interaction and feedback, knowledge creation, sensing, perception and modeling.

The purpose of the arts, media and engineering concentration under the master's degree in computer science is to train hybrid engineering-arts graduates who get their inspiration from the arts and their methodology from computer science and engineering. Students specialize in transdisciplinary media development. More information about the arts, media and engineering concentration can be found at <https://artsmediaengineering.asu.edu> (<https://artsmediaengineering.asu.edu/>).

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Computer Science, BS
- Computer Science (Cybersecurity), BS
- Computer Science (Software Engineering), BS
- Computer Systems Engineering, BSE
- Computer Systems Engineering (Cybersecurity), BSE

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

30 credit hours and a thesis.

Required Core Areas (9 credit hours)

applications (3)

foundations (3)

systems (3)

Concentration (9 credit hours)

Electives or Research (6 credit hours)

Culminating Experience (6 credit hours)

AME 599 Thesis (2)

CSE 599 Thesis (4)

Additional Curriculum Information

Students should see the academic unit for the list of courses approved for each core area in applications, foundations and systems.

Students complete nine credit hours of arts, media and engineering concentration courses selected in consultation with the student's graduate advisor. Courses that are used to satisfy the concentration requirement on the plan of study cannot be used to satisfy the core requirement. Additionally, courses selected as part of the core or concentration may not be used as other elective coursework on the same plan of study.

Students complete a minimum of 30 credit hours for the program. At least 24 of these credit hours must be 500-level CSE courses at ASU. Up to six credit hours of 400-level courses may be applied to the plan of study.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in computer science, computer engineering or a closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.25 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.25 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- GRE scores
- statement of purpose
- curriculum vitae
- three letters of recommendation

- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency:
<https://admission.asu.edu/international/graduate/english-proficiency> (<https://admission.asu.edu/international/graduate/english-proficiency>).

GRE scores are not required if the student has graduated with an undergraduate degree in computer science or computer systems engineering at ASU.

The statement of purpose must address the transdisciplinary nature of the arts, media and engineering program. Applicants should explain in a concise and persuasive manner how their educational, professional and personal experiences inform their research and creative interests, writing on any aspect of their background that supports candidacy to the program. For further information on how this statement can be expanded upon by students interested in a research assistantship or an integrative graduate education and research traineeship within arts, media and engineering, students should visit <https://artsmediaengineering.asu.edu> (<https://artsmediaengineering.asu.edu/>). Students should submit a curriculum vitae with the statement of purpose.

Students assigned any deficiency coursework upon admission must complete those classes with a grade of "B" (scale is 4.00 = "A") or higher within two semesters of admission to the program. Deficiency courses include:

- CSE 230 Computer Organization and Assembly Language Programming
- CSE 310 Data Structures and Algorithms
- CSE 330 Operating Systems
- CSE 340 Principles of Programming Languages or CSE 355 Introduction to Theoretical Computer Science

The applicant's undergraduate GPA and depth of preparation in computer science and engineering are the primary factors affecting admission.

Contact Information:

Engineering, Ira A. Fulton Schools of
 Computer Science and Engineering Program
<https://cidse.engineering.asu.edu/graduate-computer-science/>
 CTRPT 105
cidse.advising@asu.edu
 480-965-3199

Computer Science (Arts, Media and Engineering), PHD (ESAMECSPHD)

Online Degree Search Title: Computer Science (Art, Media and Engineering), PhD

Campus: Tempe

Program Description:

The PhD program in computer science with a concentration in arts, media and engineering emphasizes research on the integration of the human physical experience with computation and digital media. Arts, media and engineering researchers produce experiential media systems and models that assist the disadvantaged, empower creativity, enhance scientific discovery, evolve human ability, facilitate learning, and improve quality of life. Within these application areas, researchers explore experiential construction, interaction and feedback, knowledge creation, sensing, perception and modeling.

The purpose of the arts, media and engineering concentration is to train hybrid engineering-arts graduates who get their inspiration from the arts and their methodology from computer science and engineering. Students will specialize in transdisciplinary media development. More information about arts, media and engineering can be found at <https://artsmediaengineering.asu.edu/> (<https://artsmediaengineering.asu.edu/>).

Degree Requirements:

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core Areas (15 credit hours)

- architecture and networked systems (3)
- data and information systems (3)
- foundations of computation and algorithms (3)
- intelligent and interactive systems (3)
- software and information assurance (3)

Depth (6 credit hours)

- six additional credit hours in one core area (6)

Concentration (18 credit hours)

Electives (15 credit hours)

Research (18 credit hours)

Culminating Experience (12 credit hours)

CSE 799 Dissertation (12)

Additional Curriculum Information

Students should see the academic unit for the list of courses approved for each core area. Courses that are used to satisfy the core area requirement cannot be used to satisfy the concentration requirement or other requirements.

Students choose courses for the arts, media and engineering concentration in consultation with their graduate advisor. Up to 18 credit hours of CSE 590 and CSE 790 are allowed on the plan of study. Additional restrictions may apply to electives course selection.

When approved by the academic unit and the Graduate College, 30 credit hours from a previously awarded master's degree are allowed to be used for this degree.

A maximum of six credit hours of 400-level coursework may be applied to the plan of study.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's degree in computer science, computer engineering or a closely related area. Most applicants should have earned a master's degree, but exceptional undergraduate applicants may be admitted directly into the doctoral program.

Applicants must have a minimum cumulative GPA of 3.50 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.50 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts from every university attended
- scores for the GRE
- three letters of recommendation
- a statement of purpose
- curriculum vitae or resume
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency:

<https://admission.asu.edu/international/graduate/english-proficiency> (<https://admission.asu.edu/international/graduate/english-proficiency>).

If the student has graduated with an undergraduate degree in computer science or computer systems engineering from ASU, GRE scores are not required.

The statement of purpose must fulfill any requirements defined by the Graduate College and also address the transdisciplinary nature of the arts, media and engineering program. Applicants should explain in a concise and persuasive manner how their educational, professional and personal experiences inform their research and creative interests, writing on any aspect of their background that supports candidacy to the program. Further information on how this statement can be expanded upon by students interested in a research assistantship or an Integrative Graduate Education and Research Traineeship within arts, media and engineering is available from the department. Students should submit a current curriculum vita with the statement of purpose.

Students assigned any deficiency coursework upon admission must complete those classes with a grade of "B" (scale is 4.00 = "A") or higher within two semesters of admission to the program. Deficiency courses include:

CSE 230 Computer Organization and Assembly Language Programming

CSE 310 Data Structures and Algorithms

CSE 330 Operating Systems

CSE 340 Principles of Programming Languages or CSE 355 Introduction to Theoretical Computer Science

The applicant's undergraduate GPA and depth of preparation in computer science and engineering are the primary factors affecting admission.

Contact Information:

Engineering, Ira A. Fulton Schools of
Computer Science and Engineering Program
<https://cidse.engineering.asu.edu/graduate-computer-science/>
CTRPT 105
cidse.advising@asu.edu
480-965-3199

Computer Science (Big Data Systems), MCS (ESCSEBDMCS)

Online Degree Search Title: Computer Science (Big Data Systems), MCS

Campus: Tempe, Online

Program Description:

The big data systems concentration under the MCS degree is designed for graduate students who want to pursue a thorough education in the area of big data systems.

The program is designed to provide students the knowledge, skills and expertise in designing scalable systems (parallel, distributed and real time) for acquiring, storing, processing and accessing large-scale heterogeneous multisource data and in using analytical tools to mine information from the data.

Graduates are able to choose and deploy the appropriate data management processing and analysis systems with a suitable structured or unstructured data model that a particular task and domain application needs. There is a growing need for data scientists and engineers who can architect, implement and manage large data systems, and graduates of this program have a competitive advantage in securing employment.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Computer Science, BS
- Computer Science (Cybersecurity), BS
- Computer Science (Software Engineering), BS
- Computer Systems Engineering, BSE
- Computer Systems Engineering (Cybersecurity), BSE

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

30 credit hours and a portfolio.

Required Core Areas (9 credit hours)

- applications (3)
- foundations (3)
- systems (3)

Concentration (9 credit hours)

- CSE 511 Data Processing at Scale (3)
- CSE 575 Statistical Machine Learning (3)
- CSE 578 Data Visualization (3)

Restricted Electives (6 credit hours)

Electives (6 credit hours)

Culminating Experience (0 credit hours)

portfolio (0)

Additional Curriculum Information

Students should see the academic unit for the list of courses approved for electives and each core area in applications, foundations and systems.

Coursework selected as part of the area core may not be used as elective coursework on the same plan of study. Students should check with their academic advisor to ensure that the total number of credit hours of their plan of study is equal to 30.

At least 24 of these hours must be CSE 5XX credits at ASU. A maximum of four CSE 598 courses may be allowed as elective coursework, which cannot include courses taken at the undergraduate level. All 30 credit hours must be from formal coursework (including CSE 591). CSE 590 is not allowed as part of the Master of Computer Science program plan of study.

All Master of Computer Science program students must complete a project portfolio from three courses in which the student received a "B" grade (scale is 4.00 = "A") or higher.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in computer science, computer engineering or a closely related area from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants must submit:

- graduate admission application and application fee
- official transcripts
- GRE scores (optional, but strongly recommended)
- statement of purpose OR curriculum vitae
- letters of recommendation (optional, but strongly recommended)
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Students assigned any deficiency coursework upon admission must complete those classes with a grade of "B" (scale is 4.00="A") or higher within two semesters of admission to the program. Deficiency courses include:

CSE 230 Computer Organization and Assembly Language Programming (3)

CSE 310 Data Structures and Algorithms (3)

CSE 330 Operating Systems (3)

CSE 340 Principles of Programming Languages (3) or CSE 355 Introduction to Theoretical Computer Science (3)

The applicant's undergraduate GPA and depth of preparation in computer science and engineering are the primary factors affecting admission.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/graduate/master-big-data/>)

Contact Information:

Engineering, Ira A. Fulton Schools of

Computer Science and Engineering Program

<https://cidse.engineering.asu.edu/graduate-computer-science/>

CTRPT 105

cidse.advising@asu.edu (Tempe) or mcsonline@asu.edu (Online)

480-965-3199

Computer Science (Big Data Systems), MS (ESCSEBDMS)

Online Degree Search Title: Computer Science (Big Data Systems), MS

Campus: Tempe

Program Description:

The big data systems concentration under the MS degree program in computer science is designed for graduate students who want to pursue a thorough education in the area of big data systems.

The goal of this concentration is to provide students with the knowledge, skills and advanced research expertise in designing scalable systems (parallel, distributed and real-time) for acquiring, storing, processing and accessing large-scale heterogeneous multisource data and in using analytical tools to mine information from the data.

Graduates are able to choose and deploy the appropriate data management processing and analysis systems with a suitable structured or unstructured data model that a particular task and domain application needs. This concentration program provides a competitive advantage to

secure employment as there is a growing need for data scientists and engineers who can architect, implement and manage large data systems.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Computer Science, BS
- Computer Science (Cybersecurity), BS
- Computer Science (Software Engineering), BS
- Computer Systems Engineering, BSE
- Computer Systems Engineering (Cybersecurity), BSE

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

30 credit hours and a portfolio, or 30 credit hours and a thesis.

Required Core Areas (9 credit hours)

applications (3)

foundations (3)

systems (3)

Concentration (9 credit hours)

CSE 510 Database Management System Implementation (3)

CSE 512 Distributed Database Systems (3)

CSE 572 Data Mining (3) or IEE 520 Statistical Learning for Data Mining (3)

Restricted Electives (6 credit hours)

CSE 515 Multimedia and Web Databases (3)

CSE 546 Cloud Computing (3)

CSE 573 Semantic Web Mining (3)

CSE 575 Statistical Machine Learning (3)

CSE 578 Data Visualization (3)

Electives (0 or 6 credit hours)

Culminating Experience (0 or 6 credit hours)

CSE 599 Thesis (6) or

portfolio (0)

Additional Curriculum Information

Students should see the academic unit for the list of courses approved for each core area in applications, foundations and systems.

Courses that are used to satisfy the concentration requirement on the plan of study cannot be used to satisfy the core requirement. Additionally, courses selected as part of the core or concentration may not be used as other elective coursework on the same plan of study.

Students complete a thesis or portfolio for the culminating experience. Regardless of culminating experience chosen, all students in the program must complete six credit hours from the restricted electives list. Students in the portfolio culminating experience option must also take six credit hours of electives.

Portfolio: The project portfolio is developed from three courses in which the student received a "B" grade (3.00) or higher and should have significant content in big data systems. Students should see the academic unit for additional information and requirements.

Students complete a minimum of 30 credit hours for the program. At least 24 of these credit hours must be 500-level CSE courses at ASU. Up to six credit hours of 400-level courses may be applied to the plan of study.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.25 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.25 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- official GRE test scores
- three letters of recommendation
- statement of purpose
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Official TOEFL scores should be submitted from tests that must have been taken within the last two years (only required for those who did not graduate with a baccalaureate degree from an accredited U.S. institution). The TOEFL score must be valid on the first day of class for the term the student is applying for. CIDSE requires that TOEFL scores must be above 575 (paper) or 90 (iBT), or that the minimum IELTS is an overall band score of 7.0.

International students must have taken the official GRE General Test within the past five years and submit those test scores.

All international records must be submitted in the original language accompanied by an official English translation. If the student has attended a U.S. institution, one set of official transcripts from every college and university attended, except ASU, is required.

Students assigned any deficiency coursework upon admission must complete those classes with a grade of "B" (scale is 4.00 = "A") or higher within two semesters of admission to the program. Deficiency courses include:

CSE 230 Computer Organization and Assembly Language Programming

CSE 310 Data Structures and Algorithms

CSE 330 Operating Systems

CSE 340 Principles of Programming Languages or CSE 355 Introduction to Theoretical Computer Science

Contact Information:

Engineering, Ira A. Fulton Schools of

Computer Science and Engineering Program

<https://cidse.engineering.asu.edu/graduate-computer-science/>

CTRPT 105

cidse.advising@asu.edu

480-965-3199

Computer Science (Biomedical Informatics), MS (ESCSBIOIMS)

Online Degree Search Title: Computer Science (Biomedical Informatics), MS

Campus: Tempe

Program Description:

The MS program in computer science with a concentration in biomedical informatics is designed for graduate students who wish to specialize in such topics as genomics and computational systems biology.

The concentration is transdisciplinary in nature, providing preparation that integrates technological expertise in the information sciences, computer science, biosciences, and statistics with an understanding of the clinical environment of the health care professional. The curriculum exposes computer science students to current issues in clinical practice as well as the use of information systems in health care settings.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Computer Science, BS

Computer Science (Cybersecurity), BS

Computer Science (Software Engineering), BS

Computer Systems Engineering, BSE

Computer Systems Engineering (Cybersecurity), BSE

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

30 credit hours and a thesis.

Required Core Areas (9 credit hours)

applications (3)

foundations (3)

systems (3)

Concentration (9 credit hours)

BMI 501 Introduction to Biomedical Informatics (3)

BMI 540 Problem Solving in Biomedical Informatics (3)

BMI 5XX approved elective in biomedical informatics (3)

Electives or Research (6 credit hours)

Culminating Experience (6 credit hours)

CSE 599 Thesis (6)

Additional Curriculum Information

Students focus their research in one of the following areas: bioinformatics, biomedical informatics, clinical informatics, imaging informatics or public health informatics.

Courses that are used to satisfy the concentration requirement on the plan of study cannot be used to satisfy the core requirement. Additionally, courses selected as part of the core or concentration may not be used as other elective coursework on the same plan of study. Students complete a minimum of 30 credit hours for the program. At least 21 of these credit hours must be 500-level CSE courses at ASU.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in computer science, computer engineering or a closely related area.

Applicants must have a minimum cumulative GPA of 3.25 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.25 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- GRE scores
- statement of purpose
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency via a TOEFL score regardless of current residency.

The student must submit verbal, quantitative and analytical GRE scores (optional: subject test in computer science) unless the student has graduated with an undergraduate degree in computer science or computer systems engineering from ASU.

Students assigned any deficiency coursework upon admission must complete those classes with a grade of "B" (scale is 4.00 = "A") or higher within two semesters of admission to the program. Deficiency courses are:

CSE 230 Computer Organization and Assembly Language Programming

CSE 310 Data Structures and Algorithms

CSE 330 Operating Systems

CSE 340 Principles of Programming Languages or CSE 355 Introduction to Theoretical Computer Science

The applicant's undergraduate GPA and depth of preparation in computer science and engineering are the primary factors affecting admission.

Contact Information:

Engineering, Ira A. Fulton Schools of

Computer Science and Engineering Program

<https://cidse.engineering.asu.edu/graduate-computer-science/>

CTRPT 105

cidse.advising@asu.edu

Computer Science (Cybersecurity), MCS (ESCSEIMCS)

Online Degree Search Title: Computer Science (Cybersecurity), MCS

Campus: Tempe, Online

Program Description:

The MCS with a concentration in cybersecurity is an advanced degree program designed for graduate students who want to pursue a thorough education in the area of cybersecurity and information assurance; students with an undergraduate education in computing and related disciplines; and students employed in industry who can best profit from further breadth and background in computer science and information assurance.

The goal of this concentration is to provide students the knowledge and skills in science and engineering for cybersecurity, including computer and network security, software security, data and information security, applied cryptography and computer forensics.

Graduates have a competitive advantage in securing employment.

According to the National Security Agency, information assurance is defined as the set of measures intended to protect and defend information and information systems by ensuring their availability, integrity, authentication, confidentiality and nonrepudiation. This includes providing restoration of information systems by incorporating protection, detection and reaction capabilities.

Information assurance courseware at ASU has been certified by the Information Assurance Courseware Evaluation Program to satisfy the standards for Information Systems Security Professionals (NSTISSI 4011) and Senior Systems Managers (CNSSI 4012). For more information on the scholarship programs, students should see <https://globalsecurity.asu.edu/center-cybersecurity-and-digital-forensics/scholarship> (<https://globalsecurity.asu.edu/center-cybersecurity-and-digital-forensics/scholarship>).

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Computer Science, BS
- Computer Science (Cybersecurity), BS
- Computer Science (Software Engineering), BS
- Computer Systems Engineering, BSE
- Computer Systems Engineering (Cybersecurity), BSE

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

30 credit hours and a portfolio.

Required Core Areas (9 credit hours)

- applications (3)
- foundations (3)
- systems (3)

Concentration (9 credit hours)

CSE 543 Information Assurance and Security (3)

Choose two:

- CSE 539 Applied Cryptography (3)
- CSE 545 Software Security (3)
- CSE 548 Advanced Computer Network Security (3)

Electives (12 credit hours)

Culminating Experience (0 credit hours)

portfolio (0)

Additional Curriculum Information

Students should see the academic unit for the list of courses approved for each core area in applications, foundations and systems.

Coursework selected as part of the area core may not be used as elective coursework on the same plan of study. Students should check with their academic advisor to ensure that the total credit hours of their plan of study are equal to 30.

The interactive plan of study must contain a minimum of 30 credit hours of approved graduate-level work. At least 24 of these hours must be CSE

5XX credits at ASU. A maximum of four CSE 598 courses may be allowed as elective coursework, which cannot include courses taken at the undergraduate level. All 30 credit hours must be from formal coursework (including CSE 591). CSE 590 will not be allowed as part of the MCS program.

All Master of Computer Science students must complete a project portfolio from three courses in which the student received a "B" grade (3.00) or higher.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in computer science, computer engineering or a closely related area from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants must submit:

- graduate admission application and application fee
- official transcripts
- GRE scores (optional, but strongly recommended)
- statement of purpose OR curriculum vitae
- letters of recommendation (optional, but strongly recommended)
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Students assigned any deficiency coursework upon admission must complete those classes with a grade of "B" (scale is 4.00 = "A") or higher within two semesters of admission to the program. Deficiency courses include:

CSE 230 Computer Organization and Assembly Language Programming (3)

CSE 310 Data Structures and Algorithms (3)

CSE 330 Operating Systems (3)

CSE 340 Principles of Programming Languages (3) or CSE 355 Introduction to Theoretical Computer Science (3)

The applicant's undergraduate GPA and depth of preparation in computer science and engineering are the primary factors affecting admission.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu>)

Contact Information:

Engineering, Ira A. Fulton Schools of

Computer Science and Engineering Program

<https://cidse.engineering.asu.edu/graduate-computer-science/>

CTRPT 105

cidse.advising@asu.edu (Tempe) or mcsonline@asu.edu (Online)

480-965-3199

Computer Science (Cybersecurity), MS (ESCSEIAMS)

Online Degree Search Title: Computer Science (Cybersecurity), MS

Campus: Tempe

Program Description:

The MS in computer science with a concentration in cybersecurity is designed for graduate students who want to pursue a thorough education in the area of cybersecurity and information assurance. The goal of this concentration is to provide students the knowledge and skills needed in science and engineering for cybersecurity. This includes computer and network security, software security, data and information security, applied cryptography and computer forensics. Graduates will have a competitive advantage to secure employment.

According to the National Security Agency, information assurance is defined as the set of measures intended to protect and defend information and information systems by ensuring their availability, integrity, authentication, confidentiality and nonrepudiation. This includes providing restoration of information systems by incorporating protection, detection and reaction capabilities.

Information assurance courseware at ASU has been certified by the Information Assurance Courseware Evaluation Program to satisfy the standards for Information Systems Security Professionals (NSTISSI 4011) and Senior Systems Managers (CNSSI 4012). For more information on the scholarship programs, students should see <https://globalsecurity.asu.edu/center-cybersecurity-and-digital-forensics/scholarship> (<https://globalsecurity.asu.edu/center-cybersecurity-and-digital-forensics/scholarship>).

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Computer Science, BS
- Computer Science (Cybersecurity), BS
- Computer Science (Software Engineering), BS
- Computer Systems Engineering, BSE
- Computer Systems Engineering (Cybersecurity), BSE

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

30 credit hours and a portfolio, or 30 credit hours and a thesis.

Required Core Areas (9 credit hours)

applications (3)

foundations (3)

systems (3)

Concentration (9 credit hours)

CSE 543 Information Assurance and Security (3)

Choose two:

CSE 539 Applied Cryptography (3)

CSE 545 Software Security (3)

CSE 548 Advanced Computer Network Security (3)

Electives or Research (6 or 12 credit hours)

Culminating Experience (0 or 6 credit hours)

CSE 599 Thesis (6) or

portfolio (0)

Additional Curriculum Information

Students should see the academic unit for the list of courses approved for each core area in applications, foundations and systems.

Courses that are used to satisfy the concentration requirement on the plan of study cannot be used to satisfy the core requirement. Additionally, courses selected as part of the core or concentration may not be used as other elective coursework on the same plan of study.

Students complete a thesis or portfolio for the culminating experience. Students completing a portfolio take 12 credit hours of electives and must follow the academic unit's requirements for portfolio projects. Research credit hours may be included on the plan of study if the student is completing a thesis. Students should see the academic unit for more information.

Students complete a minimum of 30 credit hours for the program. At least 24 of these credit hours must be 500-level CSE courses at ASU. Up to six credit hours of 400-level courses may be applied to the plan of study.

Students must complete 15 credit hours of approved information assurance coursework. Students should see the School of Computing, Informatics and Decision Systems Engineering website for more information.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply for the program if they have earned a bachelor's or master's degree in computer science, computer engineering or a closely related area from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.25 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.25 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- scores for the GRE
- a statement of purpose
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency:

<https://admission.asu.edu/international/graduate/english-proficiency> (<https://admission.asu.edu/international/graduate/english-proficiency>).

GRE scores are not required if the student has graduated with an undergraduate degree in computer science or computer systems engineering at ASU.

Students assigned any deficiency coursework upon admission must complete those classes with a grade of "B" (scale is 4.00 = "A") or higher within two semesters of admission to the program. Deficiency courses include:

CSE 230 Computer Organization and Assembly Language Programming

CSE 310 Data Structures and Algorithms

CSE 330 Operating Systems

CSE 340 Principles of Programming Languages or CSE 355 Introduction to Theoretical Computer Science

The applicant's undergraduate GPA and depth of preparation in computer science and engineering are the primary factors affecting admission.

Contact Information:

Engineering, Ira A. Fulton Schools of

Computer Science and Engineering Program

<https://cidse.engineering.asu.edu/graduate-computer-science/>

CTRPT 105

cidse.advising@asu.edu

480-965-3199

Computer Science (Cybersecurity), PHD (ESCSEIAPHD)

Online Degree Search Title: Computer Science (Cybersecurity), PhD

Campus: Tempe

Program Description:

The PhD program in computer science with a concentration in cybersecurity is designed for graduate students who want to pursue a thorough education in the area of cybersecurity and information assurance.

The goal of this concentration is to provide students the knowledge and skills in science and engineering for cybersecurity, including applied cryptography, computer and network security, computer forensics, data and information security, and software security. Graduates will have a competitive advantage to secure employment.

According to the National Security Agency, information assurance is defined as the set of measures intended to protect and defend information and information systems by ensuring their availability, integrity, authentication, confidentiality and nonrepudiation. This includes providing restoration of information systems by incorporating protection, detection and reaction capabilities.

ASU has been certified as a National Center of Academic Excellence in Information Assurance Education and a National Center of Academic Excellence in Information Assurance - Research by the National Security Agency and the Department of Homeland Security. Information assurance courseware at ASU has been certified by the Information Assurance Courseware Evaluation Program to satisfy the standards for Information Systems Security Professionals (NSTISSI 4011) and Senior Systems Managers (CNSSI 4012). For more information on the scholarship programs, students should see <https://globalsecurity.asu.edu/center-cybersecurity-and-digital-forensics/scholarship> (<https://globalsecurity.asu.edu/center-cybersecurity-and-digital-forensics/scholarship>).

Degree Requirements:

84 credit hours, a written comprehensive exam, a prospectus and a dissertation.

Required Core Areas (15 credit hours)

architecture and networked systems (3)

data and information systems (3)

foundations of computation and algorithms (3)
intelligent and interactive systems (3)
software and information assurance (3)

Depth (6 credit hours)
six additional credit hours in one core area (6)

Concentration (9 credit hours)
CSE 543 Information Assurance and Security (3)
Choose two:
CSE 539 Applied Cryptography (3)
CSE 545 Software Security (3)
CSE 548 Advanced Computer Network Security (3)

Electives (30 credit hours)

Research (12 credit hours)

Culminating Experience (12 credit hours)
CSE 799 Dissertation (12)

Additional Curriculum Information

Students should see the academic unit for the list of courses approved for each core area. Courses that are used to satisfy the core area requirement cannot be used to satisfy the concentration requirement or other requirements.

Students choose courses for the cybersecurity concentration in consultation with their graduate advisor. Students should refer to <https://cidse.engineering.asu.edu/graduate-computer-science/> (<https://cidse.engineering.asu.edu/graduate-computer-science/>) for more information on information assurance course options.

Up to 18 hours of CSE 590 and CSE 790 are allowed on the plan of study. Additional restrictions may apply to electives course selection.

When approved by the academic unit and the Graduate College, 30 credit hours from a previously awarded master's degree are allowed to be used for this degree.

A maximum of six credit hours of 400-level coursework may be applied on the plan of study.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's degree in computer science, computer engineering or a closely related area. Most applicants should have earned a master's degree, but exceptional undergraduate applicants may be admitted directly into the doctoral program.

Applicants must have a minimum cumulative GPA of 3.50 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.50 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts from every university attended
- scores for the GRE
- three letters of recommendation
- a statement of purpose
- curriculum vitae or resume
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency: <https://admission.asu.edu/international/graduate/english-proficiency> (<https://admission.asu.edu/international/graduate/english-proficiency>).

GRE scores are not required if the student has graduated with an undergraduate degree in computer science or computer systems engineering from ASU.

If the student is assigned any deficiency coursework upon admission, those classes must be completed with a grade of "B" (scale is 4.00 = "A") or

higher within two semesters of admission to the program. Deficiency courses include:

CSE 230 Computer Organization and Assembly Language Programming
CSE 310 Data Structures and Algorithms
CSE 330 Operating Systems
CSE 340 Principles of Programming Languages or CSE 355 Introduction to Theoretical Computer Science

The applicant's undergraduate GPA and depth of preparation in computer science and engineering are the primary factors affecting admission.

Contact Information:

Engineering, Ira A. Fulton Schools of
Computer Science and Engineering Program
<https://cidse.engineering.asu.edu/graduate-computer-science/>
CTRPT 105
cidse.advising@asu.edu
480-965-3199

Construction Engineering, MSE (ESCONEMSE)

Online Degree Search Title: Construction Engineering, MSE

Campus: Tempe

Program Description:

The MSE in construction engineering is a transdisciplinary degree program that encompasses the areas of geotechnical engineering, structural engineering, transportation engineering, construction engineering and management-related topics. The program focuses on a combination of design and management topics that prepare the student for a career working at the interface of design and construction. Students who are interested in a career emphasizing construction of infrastructure would find this program especially desirable.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Civil Engineering, BSE
- Civil Engineering (Environmental Engineering), BSE
- Civil Engineering (Sustainable Engineering), BSE
- Construction Engineering, BSE

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

30 credit hours and a written comprehensive exam.

All candidates for the Master of Science in engineering are required to complete approved graduate coursework.

Additional courses may be assigned by the graduate supervisory committee depending on the background of the candidate.

Details of the comprehensive written examinations for the different specialty areas can be obtained on the graduate studies section of the program's website.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in engineering or other closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- GRE scores
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Applicants must take the GRE and have their scores sent to Graduate Admission Services. Prospective students should note that the following two requirements need to be met for consideration for admission: minimum score in the quantitative section is 700 and a minimum combined quantitative and verbal score is 1100. More information regarding how to send official GRE scores to Graduate Admission Services can be found at <https://admission.asu.edu/graduate/apply> (<https://admission.asu.edu/graduate/apply>).

A student whose undergraduate degree is not in civil or construction engineering is required to take appropriate undergraduate courses as deficiency courses to establish a base of knowledge in the discipline. Deficiencies for admission to the graduate degree programs are specified at the time of admission and details can be obtained on the graduate studies section of the program's website.

Applicants with an undergraduate GPA lower than 3.00 may be provisionally admitted at the discretion of the admission committee.

Contact Information:

Engineering, Ira A. Fulton Schools of
Construction Engineering
<https://ssebe.engineering.asu.edu/graduate/construction-eng/>
CAVC 437
sebe.advising@asu.edu
480-965-0595

Construction Management, PHD (ESCONPHD)

Online Degree Search Title: Construction Management, PhD

Campus: Tempe

Program Description:

The Del E. Webb School of Construction has one of the top construction management doctoral programs in the United States. It provides a rigorous education and teaching environment for students seeking an advanced degree. The doctoral degree program requires novel, independent research that broadly contributes to the construction management body of knowledge; transdisciplinary research is often required due to the nature of the topics studied.

Graduates of the Del E. Webb School of Construction's doctoral program have careers in architecture, engineering and construction industries, academia, and local, state and federal government.

Degree Requirements:

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

The doctoral program in construction typically requires three to four years of full-time study and research beyond the master's degree. Generally, students will be admitted into the doctoral program at or near the completion of their master's degree.

The program requires 84 credit hours post-bachelor's degree or 54 credit hours post-master's degree.

The program consists of:

- core construction courses
- elective courses
- a qualifying examination
- a written and oral comprehensive examination
- admission to candidacy
- successful defense of a dissertation prospectus and complete dissertation

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Students who hold a master's degree in a related field from a regionally accredited university or equivalent are eligible to apply for admission to the program. Only exceptional students will be admitted without a master's degree. Related fields include construction, civil engineering, architecture and business. At the discretion of the admission committee, students from other disciplines may be eligible as well. In addition, applicants are expected to be competent in construction topics.

Applicants must have a minimum cumulative GPA of 3.20 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- official GRE scores
- a current resume
- an evaluation of the student's academic and professional background
- masters' degree thesis abstract
- personal statement
- research interests
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Applicants required to demonstrate English proficiency and seeking a teaching assistantship must demonstrate proficiency in spoken English; a score of 55 or better on the Speaking Proficiency English Assessment Kit or a score of 26 on the speaking portion of the TOEFL is required.

Applicants must take the GRE and have their official scores sent directly to Graduate Admission Services. More information regarding how to send official GRE scores can be found on the Graduate Admission Services website.

The personal statement should describe the applicant's career goals and research objectives.

Contact Information:

Engineering, Ira A. Fulton Schools of

Del E. Webb Construction

<https://ssebe.engineering.asu.edu/graduate/construction-mgmt/>

ECG 437

sebe.advising@asu.edu

480-965-0595

Construction Management and Technology, MS (ESCONSTMS)

Online Degree Search Title: Construction Management and Technology, MS

Campus: Tempe, Online

Program Description:

The faculty of the Del E. Webb School of Construction offer a graduate program leading to the MS in construction management and technology.

The transdisciplinary nature of the program allows a candidate's plan of study to reflect individual interests and career goals.

The primary objective of the program is to allow students with a bachelor's degree in construction or a related field such as architecture, business or engineering to broaden and improve their professional capabilities in construction. The program is designed to meet the growing need for professionals with advanced technical, management and applied research skills in the construction industry.

The facilities management specialty area supports the needs of the student desiring a career in the maintenance, operation, renovation or decommissioning of existing facilities. The construction management specialty area allows students seeking upper-level management positions in various sectors of the construction industry to improve their competency in project, program and company management areas.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Construction Management and Technology, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

30 credit hours and a thesis, or 30 credit hours and a written comprehensive exam, or 30 credit hours and an applied project (CON 593).

Required Core (9 credit hours)

Project Management Core Area (3 credit hours)

CON 530 Facilities Operations and Maintenance (3)

CON 532 Facilities Project Management (3)
CON 545 Construction Project Management (3)
CON 551 Alternative Project Delivery Methods (3)
CON 557 Principles of Leadership for Project Managers (3)

Project Controls Core Area (3 credit hours)
CON 540 Construction Productivity (3)
CON 567 Advanced Procurement Systems (3)
CON 589 Construction Company Financial Control (3)

Construction Technology Core Area (3 credit hours)
CON 531 Facility Management: Building Energy Management (3)
CON 554 Trenchless Construction Methods (3)
CON 570 Introduction to Advanced Technology Facilities (3)
CON 571 Construction of Advanced Technology Facilities (3)
CON 575 Information Technology in Construction (3)

Electives or Research (15-21 credit hours)

Culminating Experience (0-6 credit hours)
CON 593 Applied Project (3)
CON 599 Thesis (6)
written comprehensive exam (0)

Additional Curriculum Information

Students chose one three-credit hour course from each of the core areas listed above for a total of nine credit hours. If a course is chosen as a core area course, it cannot be used as an elective course simultaneously.

The number of electives and research will be adjusted depending on the culminating experience chosen by the student.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- GRE scores
- current resume
- an evaluation of the student's academic and professional background
- personal statement
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency by meeting the Graduate College English proficiency requirements regardless of current residency. Applicants required to demonstrate English proficiency and seeking a teaching assistantship must demonstrate proficiency in spoken English, and a score of 55 or better on the Speaking Proficiency English Assessment Kit or a score of 26 on the speaking portion of the TOEFL is required.

Applicants are expected to be competent in basic construction topics.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/graduate/master-science-construction-management/>)

Contact Information:

Engineering, Ira A. Fulton Schools of
Del E. Webb Construction

<https://ssebe.engineering.asu.edu/graduate/construction-mgmt/>
CAVC 437
sebe.advising@asu.edu
480-965-0595

Electrical Engineering, MS (ESEEMS)

Online Degree Search Title: Electrical Engineering, MS

Campus: Tempe

ASU is not currently accepting applications for this program.

Program Description:

This program does not accept applications to the MS directly. If interested in the Master of Science program, students should apply to the MSE program and, once admitted, consult with the Master of Science in Engineering program advisors.

The electrical engineering faculty in the Ira A. Fulton Schools of Engineering offer a research program leading to the Master of Science in electrical engineering.

Graduate courses and programs are offered in the following six areas of specialization

- control systems
- electric power and energy systems
- electromagnetics, antennas and microwave circuits
- electronic and mixed-signal circuit design
- physical electronics and photonics
- signal processing and communications.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Electrical Engineering, BSE

Electrical Engineering (Electric Power and Energy Systems), BSE

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

30 credit hours and a thesis.

The credits earned toward this research degree must include a minimum of eight courses (24 credit hours minimum) and six hours of EEE 599 (thesis). As part of the eight courses, at least two should be outside the area of specialization.

Requirements include:

at least four EEE courses

at least two courses outside the area of specialization

at most two 400-level courses

at least three EEE 500-level courses

at most one EEE 590 Reading and Conference or FSE course

exam

A final oral examination in defense of the thesis completes the master's degree requirements.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee

- official transcripts
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Students desiring the Master of Science in electrical engineering must initially apply to the Master of Science in Engineering program. Students who later obtain a research advisor may transfer to the Master of Science program.

Contact Information:

Engineering, Ira A. Fulton Schools of
 Electrical Engineering Program
<https://ecee.engineering.asu.edu/>
 GWC 209
 askee@asu.edu
 480-965-3424

Electrical Engineering, MSE (ESEEMSE)

Online Degree Search Title: Electrical Engineering, MSE

Campus: Tempe, Online

Program Description:

The electrical engineering faculty in the Ira A. Fulton Schools of Engineering offer a professional program leading to the MSE in electrical engineering.

Graduate courses and programs are offered in six areas of specialization:

- control systems (not an option for the online degree but available to on-campus students)
- electric power and energy systems
- electromagnetics, antennas and microwave circuits
- electronic and mixed-signal circuit design
- physical electronics and photonics
- signal processing and communications

Courses are available on campus and online. The degree program can be completed taking all classes on campus or all classes online.

A concurrent degree, the MBA/MSE in electrical engineering, is available as an online option. For more information, students should visit <https://wpcarey.asu.edu/mba-programs/online/concurrent-degrees> (<https://wpcarey.asu.edu/mba-programs/online/concurrent-degrees>).

Concurrent Degrees:

This degree is also offered as concurrent degree program with W. P. Carey MBA - Online Program

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Electrical Engineering, BSE

Electrical Engineering (Electric Power and Energy Systems), BSE

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

30 credit hours and a written comprehensive exam.

The master's degree in electrical engineering is a professional degree requiring a minimum of 30 credit hours of coursework (a minimum of 10 classes) and a final comprehensive examination in the area of specialization. The examination is given each semester at the end of the sixth week of classes.

Requirements include:

at least five EEE courses

at least three EEE 500-level courses

at least two courses outside the area of specialization

at most one EEE 590 Reading and Conference or FSE course
at most two 400-level courses

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

The decision to admit a student who has earned a bachelor's degree from a program accredited by ABET to a master's degree program in electrical engineering is based on a number of factors. A minimum requirement is an undergraduate GPA of 3.00 (scale is 4.00 = "A") in the student's last two years of undergraduate work. A student whose undergraduate degree is not from an ABET-accredited program must have the equivalent of at least a 3.50 GPA in the last two years of undergraduate study and must score 156 or higher on the quantitative section of the GRE general test.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- statement of purpose
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students seeking teaching assistantships must demonstrate proficiency in spoken English by scoring at least 26 on the speaking portion of the iBT or 50 on the ASU-administered Speaking Proficiency English Assessment Kit.

Admission to electrical engineering graduate programs is highly competitive. Preferred applicants have an undergraduate degree in electrical engineering.

Applicants should see the program website for application deadlines.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/graduate/master-business-administration-master-science-engineering-electrical/>)

Contact Information:

Engineering, Ira A. Fulton Schools of
Electrical Engineering Program
<https://ecee.engineering.asu.edu/>
GWC 209
askee@asu.edu
480-965-3424

Electrical Engineering, PHD (ESEEPHD)

Online Degree Search Title: Electrical Engineering, PhD

Campus: Tempe

Program Description:

The PhD in electrical engineering is awarded upon evidence of excellence in research leading to a scholarly dissertation that is a contribution to knowledge.

Graduate courses and programs are offered in the following six areas of specialization: control systems; electric power and energy systems; electromagnetics, antennas and microwave circuits; electronic and mixed-signal circuit design; physical electronics and photonics; and signal processing and communications.

Degree Requirements:

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Doctoral students are required to complete 84 credit hours of academic credit beyond the bachelor's degree. The following summarizes the degree course requirements:

Master's degree (30 credit hours)
from any accredited institution

Electives 500-level or above (18 credit hours)
at least nine credit hours of EEE courses

Research Class or Omnibus Courses (12 credit hours)
can be 400-level and above or
EEE 792 Research (12)

Dissertation (12 credit hours)
EEE 799 Dissertation (12)

Additional Curriculum Information

The 84 credit hours include 30 credit hours from the master's degree, a required 18 credit hours of doctoral coursework, 12 credit hours of research (EEE 792), and 12 credit hours (and only 12 credit hours) of dissertation (EEE 799).

The additional 12 credit hours can be more hours of research (EEE 792) or can be coursework as determined by the supervisory committee. At least half (nine credit hours) of the minimum requirement of 18 credit hours of doctoral coursework must be in electrical engineering. EEE 790 Reading and Conference can be used for no more than three credit hours toward the required 18 but does not count toward the nine hours of 500-level EEE classes required.

All courses counting toward the required 18-credit hour minimum must be at the 500 level or higher. Note: All courses having the prefix EEE 591 count as 400-level courses. No more than one three-hour reading and conference (EEE 790) course may be taken as part of the 18-hour requirement. The content of any proposed reading and conference course must be reviewed and approved by the electrical engineering graduate program chair before a student registers for the course.

A qualifying examination, a comprehensive exam and the dissertation defense are required. Additional information on the program can be found in the "Blue Student Guide" published and available on the program's website.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

In general, a student must have a minimum GPA of 3.00 (scale is 4.00 = "A") in all undergraduate coursework and a minimum GPA of 3.50 (scale is 4.00 = "A") in all graduate coursework for admission to the doctoral program. A student usually must hold a master's degree before being admitted to the doctoral program. Direct doctoral admission is available for students graduating from an ABET-accredited electrical engineering program with a GPA of 3.60 (scale is 4.00 = "A") or higher.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students seeking teaching assistantships must demonstrate proficiency in spoken English by scoring at least 26 on the speaking portion of the internet-based TOEFL or 50 on the ASU-administered Speaking Proficiency English Assessment Kit.

A student whose master's degree is not from a U.S. institution must score 156 or higher on the quantitative section of the GRE General Test. A good score on the writing portion is considered desirable.

A student whose undergraduate degree is not in electrical engineering may need to take appropriate undergraduate courses to establish a baseline of knowledge in the discipline.

Applicants should see the program website for application deadlines.

Contact Information:

Engineering, Ira A. Fulton Schools of

Electrical Engineering Program
<https://ecee.engineering.asu.edu/>
GWC 209
askee@asu.edu
480-965-3424

Electrical Engineering (Arts, Media and Engineering), MS (ESAMEMS)

Online Degree Search Title: Electrical Engineering (Art, Media and Eng), MS

Campus: Tempe

Program Description:

This concentration in arts, media and engineering is a collaboration between the electrical engineering program at ASU and the Herberger Institute for Design and the Arts, and it is available for MS and PhD students admitted to this program who take two-thirds of their course, research and thesis credits from the electrical engineering program and one-third of the credits from the arts, media and engineering program.

All applicants are strongly encouraged to review the FAQ on this concentration available at <https://ecee.engineering.asu.edu/arts-media-and-engineering-ms-phd/> (<https://ecee.engineering.asu.edu/arts-media-and-engineering-ms-phd/>).

Electrical engineering students in the arts, media and engineering concentration undergo training toward integrating principles of digital signal processing, pattern recognition, computer vision and multimedia computing with transdisciplinary objectives, with the goal of enabling new paradigms of human-machine experience that directly address societal needs and facilitate knowledge. Examples include media-based intelligent systems for health care and well-being as well as promotion of environmentally sustainable practices.

For more information, students should see <https://artsmediaengineering.asu.edu/faculty-research> (<https://artsmediaengineering.asu.edu/faculty-research>).

Degree Requirements:

30 credit hours and a thesis.

Eight courses are required for this program, typically five from EEE and three from AME. In addition, six credit hours of thesis are required, typically four credit hours from EEE and two from AME.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Students from ABET-accredited undergraduate programs who wish to be considered for a master's degree program must have a minimum GPA of 3.00 (scale is 4.00 = "A") in the last two years of undergraduate coursework. Students from undergraduate programs that are not accredited by ABET must have a minimum GPA of 3.50 (scale is 4.00 = "A") in the last two years of undergraduate coursework or have graduated first class with distinction and must score in the 90th percentile or higher on the quantitative section of the GRE general test.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- statement of purpose
- curriculum vitae
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International applicants seeking teaching assistantships must demonstrate proficiency in spoken English by scoring at least 26 on the speaking portion of the internet-based TOEFL or 50 on the ASU-administered Speaking Proficiency English Assessment Kit.

Applicants should submit materials that reflect the hybrid nature of the arts and engineering degree, including a statement of purpose and curriculum vitae demonstrating interest and relevant experience in the area. Applicants will have the opportunity to upload their curriculum vitae and statement of purpose when completing the online application. Additionally, the arts, media and engineering program requires three letters of recommendation from individuals familiar with the applicant's ability to succeed in a transdisciplinary research environment.

Contact Information:

Engineering, Ira A. Fulton Schools of
Electrical Engineering Program
<https://ecee.engineering.asu.edu/>
GWC 209
askee@asu.edu
480-965-3424

Electrical Engineering (Arts, Media and Engineering), PHD (ESAMEPHD)

Online Degree Search Title: Electrical Engineering (Art, Media and Eng), PhD

Campus: Tempe

Program Description:

This concentration in arts, media and engineering is a collaboration between the electrical engineering program at ASU and the Herberger Institute for Design and the Arts, and it is available for MS and PhD students admitted to this program.

Students take two-thirds of their coursework from electrical engineering and one-third of the credits from the arts, media and engineering program.

All applicants are strongly encouraged to see the FAQ on this concentration available at <https://ecee.engineering.asu.edu/academics/doctoral-degrees/electrical-engineering-arts-media-and-engineering-m-s-ph-d/> (<https://ecee.engineering.asu.edu/academics/doctoral-degrees/electrical-engineering-arts-media-and-engineering-m-s-ph-d/>).

Electrical engineering students in the arts, media and engineering concentration undergo training toward integrating principles of digital signal processing, pattern recognition, computer vision and multimedia computing with transdisciplinary objectives, with the goal of enabling new paradigms of human-machine experience that directly address societal needs and facilitate knowledge. Examples include media-based intelligent systems for health care and well-being, as well as promotion of environmentally sustainable practices. For more information, students should see <https://artsmediaengineering.asu.edu/research-and-initiatives> (<https://artsmediaengineering.asu.edu/research-and-initiatives>).

Degree Requirements:

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

The program requires the following:

- a comprehensive examination
- the dissertation defense
- a qualifying examination
- 10 courses, typically seven from EEE and three from AME
- 12 credit hours of dissertation, typically eight credits from EEE and four from AME
- 12 credit hours of research, typically eight credits from EEE and four from AME

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants with a master's degree who wish to be considered for the doctoral program must have a minimum GPA of 3.50 (scale is 4.00 = "A") in their master's degree program. Applicants without a master's degree must have a minimum GPA of 3.60 (scale is 4.00 = "A") in the last two years of undergraduate coursework and have graduated from an ABET-accredited undergraduate program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- statement of purpose
- curriculum vitae
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students seeking teaching assistantships must demonstrate proficiency in spoken English by scoring at least 26 on the speaking Academic Catalog Archive 2020-2021

portion of the iBT or 50 on the ASU-administered Speaking Proficiency English Assessment Kit.

Applicants should submit materials that reflect the transdisciplinary nature of the arts and engineering degree, including a statement of purpose and curriculum vitae demonstrating interest and relevant experience in the area. Students will have the opportunity to upload their curriculum vitae and statement of purpose when completing the online application. Additionally, the arts, media and engineering program requires three letters of recommendation from individuals familiar with the applicant's ability to succeed in a transdisciplinary research environment.

Contact Information:

Engineering, Ira A. Fulton Schools of
Electrical Engineering Program
<https://ecee.engineering.asu.edu/>
GWC 209
askee@asu.edu
480-965-3424

Engineering, MEng (EENGRMENG)

Online Degree Search Title: Master of Engineering, MEng

Campus: Online

Program Description:

When pursuing a Master of Engineering degree, students can customize their learning experience by selecting a curriculum that addresses their academic and professional goals. The master's degree program is designed for working professionals and is delivered entirely online to meet the unique needs of professional engineers. It is a practice-oriented degree program.

In the master's degree program, multiple emphasis areas are available to meet the needs of the professional engineering community. Within each area of study, there are specific course requirements in addition to the general program requirements. Students can select one of several areas of study available, such as engineering management, quality, reliability and statistical engineering, and systems engineering.

Engineers who enter the master's degree program have the opportunity to gain valuable experience applicable to their chosen industry while gaining an advanced degree. Convenience and flexibility are key advantages of this program. The Master of Engineering is a 30 credit hour degree program that does not require GRE results, a thesis or on-campus attendance; it is only available through distance learning. The degree program is supported through online courses available from the Ira A. Fulton Schools of Engineering.

Degree Requirements:

30 credit hours and a written comprehensive exam, or 30 credit hours and an oral comprehensive exam, or 30 credit hours including the required applied project course (CSE 593 or IEE 585 or IEE 593).

Students must complete 30 credit hours equaling 10 courses to earn a Master of Engineering. Half of all coursework, excluding the practice-oriented project, must be in engineering.

Students must complete three credit hours of applied engineering mathematics and three credit hours of engineering management or business.

A culminating event is required and will be identified by the student's advisory committee. It could be a final written or oral examination or the final report of a practice-oriented project. Additional requirements may exist for some academic units and emphasis areas of the Master of Engineering program.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in the desired field of study, from a regionally accredited institution.

Applicants must have a minimum GPA of 3.00 (scale is 4.00 = "A") in the last 60 credit hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts from all institutions attended
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

GRE scores are not required.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/graduate/>)

Contact Information:

Engineering, Ira A. Fulton Schools of
Dean, Ira A. Fulton Schools of Engineering
<https://asuengineeringonline.com>
CAVC 375
student-fseonline@asu.edu
480-965-0637

Engineering, MS (TSEGRMS)

Online Degree Search Title: Engineering, MS

Campus: Polytechnic

Program Description:

The MS program in engineering consists of a core set of courses designed so that students develop applied analytical expertise across disciplinary boundaries, with direct applications of advanced design principles to system design, management and control. The student's expertise, developed through the core curriculum, is reinforced with the flexibility of focus area options that include alternative energy, mechanical engineering and manufacturing engineering. The culminating experience options are also flexible, allowing students to tailor the program to support their unique career goals while also becoming problem solvers who create and shape the future.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Engineering (Automotive Systems), BSE
- Engineering (Electrical Systems), BSE
- Engineering (Mechanical Engineering Systems), BSE
- Engineering (Robotics), BSE
- Manufacturing Engineering, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

30 credit hours and a portfolio, or 30 credit hours and a thesis, or 30 credit hours including the required Applied Project course (EGR 593).

Required Core (6 credit hours)

EGR 520 Engineering Analysis I (3)

EGR 530 Principles of Systems Engineering (3)

Focus Area (15 credit hours)

Electives (3 or 6 credit hours)

Other Requirement (0 or 3 credit hours)

EGR 535 Engineering Innovation and Entrepreneurship (3)

Culminating Experience (0-6 credit hours)

EGR 593 Applied Project (3) or

EGR 599 Thesis (6) or

portfolio (0)

Additional Curriculum Information

Students should see the academic unit for a list of approved electives.

The elective credit hours required are dependent upon the chosen culminating experience option. Completion of 30 credit hours of coursework is required for all culminating experience options.

Thesis students are not required to take the EGR 535 course. For applied project and portfolio students, other courses may be used as substitutions with approval from the academic unit.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a U.S. bachelor's or master's degree from a regionally accredited institution, or the equivalent of a U.S. bachelor's degree from an international institution that is officially recognized by that country in engineering, physical sciences, mathematics or a similar field.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- personal statement
- professional resume
- GRE general exam scores
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Applicants should see the Graduate Admission Services website at <https://admission.asu.edu/international/graduate/english-proficiency> (<https://admission.asu.edu/international/graduate/english-proficiency>).

If the applicant does not meet the minimum GPA requirements, the application may still be considered. In certain cases, demonstrated aptitude through professional experience or additional postbaccalaureate education will be considered.

GRE waiver may be requested if the applicant received a Bachelor's degree in a related field from the United States with a cumulative GPA of 3.0 or better. Engineering programs must have a Bachelor's degree from an ABET accredited program. Please email polygrad@asu.edu (<mailto:polygrad@asu.edu>) to request a waiver. Applicants can also submit a GRE waiver request form (https://poly.engineering.asu.edu/wp-content/uploads/2019/05/GRE-Waiver-Request_04.2019.pdf) if they have five years of full-time applicable professional experience. Please note an approved waiver does not guarantee admission.

Contact Information:

Engineering, Ira A. Fulton Schools of
Engineering Programs
<https://poly.engineering.asu.edu/advising/>
WANER 101
polygrad@asu.edu
480-727-4723

Engineering Education Systems and Design, PHD (ESEESDPHD)

Online Degree Search Title: Engineering Education Systems and Design, PhD

Campus: Polytechnic

Program Description:

The PhD program in engineering education systems and design aims to advance understanding of the engineering education ecosystem. The goal of the program is to enable long-lasting improvement of the learning process and infrastructure in engineering education at all levels (i.e., K-12, higher education, engineering professionals, graduate students, etc.) by emphasizing the study of education as a complex ecosystem that takes into account the multiple inputs, outputs and interactions within an educational setting.

A typical student enters the program with a master's degree in an engineering or a related discipline and selects a research area such as engineering student pathways, increasing participation and retention of underrepresented groups in engineering, making and the maker movement, effective teaching and assessment strategies, the application of learner analytics to relevant data, or entrepreneurship.

Upon completion of the program, graduates are equipped to take competitive positions in top-tier research institutions as exemplary scholars and teachers or as leaders in engineering education in a variety of education settings (e.g., universities, science centers, government agencies, museums, policy setting institutions or industries).

Degree Requirements:

84 credit hours, a written comprehensive exam, an oral comprehensive exam, and a dissertation.

Required Core (18 credit hours)

EGR 535 Engineering Innovation and Entrepreneurship (3)

EGR 565 Qualitative Methods for Engineering Education Research (3)

EGR 572 Quantitative Methods for Engineering Education Research (3)

EGR 574 Engineering Education Systems in Context (3)

EGR 671 Applications of Qualitative Methods for Engineering Education Research (3)

EGR 673 Applications of Quantitative Methods for Engineering Education Research (3)

Electives and Research (24 credit hours)

electives (12)

research (12)

Culminating Experience (12 credit hours)

EGR 799 Dissertation (12)

Additional Curricular Information

Students may be allowed to apply up to 30 credit hours from a previously awarded master's degree to their doctoral program as approved by the academic unit and the Graduate College. If students do not have a master's degree, the remaining 30 credit hours must consist of at least 18 graduate-level credit hours in a particular engineering discipline and at most nine credit hours in support of the student's dissertation research area.

Students are allowed up to six credit hours of 400-level coursework on the student plan of study.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in engineering, or a closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.25 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- personal statement
- professional resume
- GRE general exam scores
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Applicants should see the Graduate Admission Services website at <https://admission.asu.edu/international/graduate/english-proficiency>.

Global Launch at ASU offers an online alternative to standardized testing for international students who are seeking admission to ASU but need proof of English proficiency. <https://learnenglish.asu.edu/online/admission> (<https://learnenglish.asu.edu/online/admission>)

If the applicant does not meet the minimum GPA requirements, the application may still be considered. In certain cases, demonstrated aptitude through professional experience or additional postbaccalaureate education is considered.

A GRE waiver may be requested if the applicant received a bachelor's degree in a related field from the United States with a cumulative GPA of 3.00 or better. Engineering programs must have a bachelor's degree from an ABET-accredited program. Students should email polygrad@asu.edu (<mailto:polygrad@asu.edu>) to request a waiver. Applicants can also submit a GRE waiver request form at https://poly.engineering.asu.edu/wp-content/uploads/2019/05/GRE-Waiver-Request_04.2019.pdf (https://poly.engineering.asu.edu/wp-content/uploads/2019/05/GRE-Waiver-Request_04.2019.pdf) if they have five years of full-time applicable professional experience. Students should note an approved waiver does not guarantee admission.

Contact Information:

Engineering, Ira A. Fulton Schools of

Engineering Programs
https://poly.engineering.asu.edu/advising/
WANER 101
polygrad@asu.edu
480-727-4723

Engineering Science (Software Engineering), MSE (ESSFEMSE)

Online Degree Search Title: Engineering Science (Software Engineering), MSE

Campus: Online

Program Description:

The MSE in engineering science with a software engineering concentration offers specialized courses founded on the fundamentals and principles of software engineering. The program provides the knowledge and skills needed by a software engineer or software task leader on large and small projects using either agile methodologies or formal capability maturity model integration approaches.

The program addresses major software development methodologies, techniques, tools and processes for developing and managing software projects. The curriculum is based on the Software Engineering Body of Knowledge under the leadership of the IEEE Computer Society. Each course places an emphasis on applied assignments and projects that are relative to the student's workplace.

Degree Requirements:

30 credit hours and a portfolio, or 30 credit hours including the required applied project course (CSE 593).

Required Core (6 credit hours)

CSE 565 Software Verification, Validation and Testing (3)

CSE 566 Software Project, Process and Quality Management (3)

Concentration (3 credit hours)

CSE 591 Topic: Software Engineering Principles and Concepts (3)

Restricted Electives (18-21 credit hours)

Culminating Experience (0-3 credit hours)

CSE 593 Applied Project (3)

portfolio (0)

Additional Curriculum Information

For an approved list of restricted electives, students should see the academic unit.

Students select five or six elective courses: five for the applied project option or six for the portfolio option.

Two faculty member-approved 400-level courses may also be selected as electives for the restricted electives.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in computer engineering, software engineering or a related field from a regionally accredited institution.

Applicants must have a minimum GPA of 3.00 (scale is 4.00 = "A") in the last 60 credit hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 12 units of the postbaccalaureate transcript.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Applicants must provide evidence of demonstrated expertise in the area of object-oriented programming, advanced data structures, algorithm design and algorithm analysis; maturity in high-level programming (required); and successful completion of Calculus I (a minimum requirement).

GRE scores are not required.

Graduates of non-U.S. institutions must satisfy admission requirements established by the ASU Graduate College.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/graduate/master-science-engineering-engineering-science-concentration-software/>)

Contact Information:

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Environmental and Resource Management, MS (ESERMMS)

Online Degree Search Title: Environmental and Resource Management, MS

Campus: Polytechnic

Program Description:

The MS program in environmental and resource management provides students who have a background in the sciences, engineering, environmental science, natural resources management, environmental health and safety, or other affiliated areas with the regulatory and technical background they need to mitigate the environmental impact of industrial sources of pollution, ensure compliance with environmental regulations, and manage and preserve natural ecosystems.

The curriculum focuses on areas such as environmental law, air pollution, soils and groundwater contamination, water law and policy, environmental toxicology, hazardous waste management, natural resources management, occupational health and safety, sustainable development, and international environmental laws and policies.

Graduate courses are available in a traditional face-to-face format as well as web-based distance learning. It is possible to complete the program within two years, including summers. Many students are working professionals and are able to finish the degree while working full time.

Graduates are employed by manufacturing and mining industries, federal, state and local environmental and water agencies, environmental firms, utilities, international agencies such as the U.N. and World Bank, and NGOs.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Business (Global Agribusiness), BA
- Environmental Science, BA
- Environmental Science, BS
- Environmental and Resource Management, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

30 credit hours and a portfolio, or 30 credit hours and a thesis, or 30 credit hours and a written comprehensive exam, or 30 credit hours including the required applied project course (ERM 593).

Required Core (6 credit hours)

ERM 502 Regulatory Framework for Toxic and Hazardous Substances (3) or ERM 527 Environmental/Resources Regulations Concepts (3)

ERM 503 Principles of Toxicology (3)

Track Courses (9 credit hours)

Electives or Research (6-12 credit hours)

Other Requirement (3 credit hours)

ERM 506 Chemistry of Hazardous Materials (3)

Culminating Experience (0-6 credit hours)

ERM 593 Applied Project (3)
ERM 599 Thesis (6)
portfolio (0)
written comprehensive exam (0)

Additional Curriculum Information

Students select either the environmental management track or the international environmental management track.

Students choose one of the culminating experiences listed above. Thesis students take nine credit hours of electives and research; applied project students take twelve credit hours of electives and research; portfolio and written comprehensive exam students take fifteen credit hours of electives and research.

Students should see the academic unit for a complete list of approved electives and track courses.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution in one of the following fields: environmental engineering, environmental and resource management, biology, chemistry, geology, environmental health, environmental management, environmental science, occupational safety and health, environmental technology, industrial hygiene, natural resource management, or a related field.

Applicants must have a minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum of 3.00 cumulative GPA (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- personal statement
- professional resume
- official GRE general exam scores
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Applicants should see the Graduate Admission Services website at <https://admission.asu.edu/international/graduate/english-proficiency> ([https://admission.asu.edu/international/graduate/english-proficiency" target="_Blank](https://admission.asu.edu/international/graduate/english-proficiency)). Global Launch at ASU offers an online alternative to standardized testing for international students who are seeking admission to ASU but need proof of English proficiency. <https://learnenglish.asu.edu/online/admission> (<https://learnenglish.asu.edu/online/admission>)

If the applicant does not meet the minimum GPA requirements, the application may still be considered. In certain cases, demonstrated aptitude through professional experience or additional postbaccalaureate education will be considered.

A GRE waiver may be requested if the applicant received a Bachelor's degree in a related field from the United States with a cumulative GPA of 3.00 or better. Engineering programs must have a Bachelor's degree from an ABET accredited program. Students should email polygrad@asu.edu (<mailto:polygrad@asu.edu>) to request a waiver. Applicants can also submit a GRE waiver request form (https://poly.engineering.asu.edu/wp-content/uploads/2019/05/GRE-Waiver-Request_04.2019.pdf) if they have five years of full-time applicable professional experience. Students should note an approved waiver does not guarantee admission.

Contact Information:

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480-727-4723

Environmental and Resource Management (Water Management), MS (ESERMWTMS)

Online Degree Search Title: Environmental and Resource Management (Water Management), MS

Campus: Polytechnic

Program Description:

The MS degree program in environmental and resource management provides students with a background in the sciences, engineering, environmental sciences and other related disciplines along with the regulatory and technical backgrounds needed to mitigate the environmental impact of industrial sources of pollution, ensure compliance with environmental regulations, and manage and preserve natural ecosystems.

The concentration in water management focuses on issues of water quality, supply, conservation and augmentation strategies. This program is applicable especially to people who work in municipal, state, federal and tribal water and environmental agencies, water providers to urban and agricultural users, manufacturing and mining industries, as well as those interested in sustainable development in this country and around the world.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Environmental Science, BA
- Environmental Science, BS
- Environmental and Resource Management, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

30 credit hours and a portfolio, or 30 credit hours and a thesis, or 30 credit hours and a written comprehensive exam, or 30 credit hours including the required applied project course (ERM 593).

Required Core (6 credit hours)

ERM 502 Regulatory Framework for Toxic and Hazardous Substances (3) or ERM 527 Environmental/Resources Regulations Concepts (3)

ERM 503 Principles of Toxicology (3)

Concentration (9 credit hours)

ERM 523 Soils and Groundwater Contamination (3)

ERM 533 Water and Wastewater Treatment Technologies (3)

ERM 535 Water Law and Policy (3)

Electives or Research (9-15 credit hours)

Culminating Experience (0-6 credit hours)

ERM 593 Applied Project (3)

ERM 599 Thesis (6)

portfolio (0)

written comprehensive exam (0)

Additional Curriculum Information

Students choose one of the culminating experiences listed above. Thesis students take nine credit hours of electives and research; applied project students take 12 credit hours of electives and research; portfolio and written comprehensive exam students take 15 credit hours of electives and research.

Students should see the academic unit for the approved course list for electives or research. Other coursework may be used with the approval of the academic unit.

The thesis and applied project options have an oral defense.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a U.S. bachelor's or master's degree from a regionally accredited institution or the equivalent of a U.S. bachelor's degree from an international institution that is officially recognized by that country in engineering, physical sciences, mathematics or a similar field.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- personal statement

- professional resume
- official GRE scores
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Applicants should see the Graduate Admission Services website at <https://admission.asu.edu/international/graduate/english-proficiency> ([https://admission.asu.edu/international/graduate/english-proficiency" target="_Blank](https://admission.asu.edu/international/graduate/english-proficiency)). Global Launch at ASU offers an online alternative to standardized testing for international students who are seeking admission to ASU but need proof of English proficiency: <https://learnenglish.asu.edu/online/admission> (<https://learnenglish.asu.edu/online/admission>).

If the applicant does not meet the minimum GPA requirements, the application may still be considered. In certain cases, demonstrated aptitude through professional experience or additional postbaccalaureate education is considered.

A GRE waiver may be requested if the applicant received a bachelor's degree in a related field from the United States with a cumulative GPA of 3.00 or better. Engineering programs must have a bachelor's degree from an ABET-accredited program. Applicants should email polygrad@asu.edu (<mailto:polygrad@asu.edu>) to request a waiver. Applicants can also submit a GRE waiver request form (https://poly.engineering.asu.edu/wp-content/uploads/2019/05/GRE-Waiver-Request_04.2019.pdf) if they have five years of full-time applicable professional experience. Approval of the GRE waiver request does not guarantee admission to the program.

Contact Information:

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Graphic Information Technology, MS (ESGITMS)

Online Degree Search Title: Graphic Information Technology, MS

Campus: Polytechnic, Online

Program Description:

The MS program in graphic information technology provides students the opportunity to study within the various areas of graphics and cross-media design. Courses offered provide students with a working knowledge of the technology and management required of the diverse graphic industries.

This program prepares students to be industry leaders who develop and manage content through numerous communication and distribution modes. Creative and comfortable with complex digital technology, graduates are innovative problem-solvers prepared for leading roles in the rapidly evolving graphics industry.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Applied Science (Graphic Information Technology), BAS
- Applied Science (Internet and Web Development), BAS
- Graphic Information Technology, BS
- Graphic Information Technology (User Experience), BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

30 credit hours and a portfolio, or 30 credit hours and a thesis, or 30 credit hours including the required applied project course (GIT 593).

Required Core (3 credit hours)

GIT 537 Current Issues in Cross Media Production

Electives or Research (18-24 credit hours)

Other Requirement (3 credit hours)

GIT 500 Research Methods (3)

Culminating Experience (0-6 credit hours)

GIT 593 Applied Project (3) or
GIT 599 Thesis (6) or
Portfolio (0)

Additional Curriculum Information

Students select an applied project, thesis or portfolio for the culminating experience. The culminating experience selected determines how many electives or research credit hours the student needs to take to complete 30 credit hours for the program.

Students should note that the thesis option is only available for on-campus students

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's degree or master's degree from a regionally accredited institution in a related field such as graphic design, web design and development, photography, videography, or game art and animation.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- personal statement
- professional resume
- official GRE scores
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Applicants should see the Graduate Admission Services website at <https://admission.asu.edu/international/graduate/english-proficiency> ([https://admission.asu.edu/international/graduate/english-proficiency" target="_Blank](https://admission.asu.edu/international/graduate/english-proficiency)). Global Launch at ASU offers an online alternative to standardized testing for international students who are seeking admission to ASU but need proof of English proficiency: <https://learnenglish.asu.edu/online/admission> (<https://learnenglish.asu.edu/online/admission>).

If the applicant does not meet the minimum GPA requirements, the application may still be considered. In certain cases, demonstrated aptitude through professional experience or additional postbaccalaureate education is considered.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/graduate/graphic-information-technology-ms/>)

Contact Information:

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Human Systems Engineering, MS (ECAPSYCHMS)

Online Degree Search Title: Human Systems Engineering, MS

Campus: Polytechnic

Program Description:

The MS program in human systems engineering in the Ira A. Fulton Schools of Engineering provides students with a deep understanding of the science of human performance and experience using methods and tools to apply this understanding to design and problem solve in a wide variety of domains such as product usability, learning design, sports performance, cyber security, human-robot teaming, and workplace and patient safety.

A broad range of professions needs experts in human factors to work on problems that involve an understanding of human performance. Students gain real-world experience by tackling projects that examine cutting-edge issues such as cell phones as a source of driver distraction, detection of improvised explosive devices, process optimization in health care and even control of unmanned vehicles.

Interest areas include user experience, aviation human factors, cognitive performance, consumer psychology, transportation human factors, patient safety, effective teamwork, human-robot teaming, health psychology, learning optimization, social cognition, threat detection and sports psychology.

Recent graduates are working at places like Intel, Boeing, GoDaddy, Mayo Clinic, PayPal, Motorola, Google and the Air Force Research Lab. Recipients of this ASU master's degree also have gone on to pursue doctorates at ASU and other prestigious institutions.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Human Systems Engineering, BS
- Human Systems Engineering (User Experience), BS
- Industrial and Organizational Psychology, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

30 credit hours and a portfolio, or 30 credit hours and a thesis, or 30 credit hours including the required applied project course (HSE 593).

Required Core (12 credit hours)

- HSE 520 Methods and Tools in Applied Cognitive Science (3)
- HSE 530 Intermediate Statistics for Human Systems Engineering (3)
- HSE 531 Data Analytics: Modeling Human Subjects Data (3)
- HSE 542 Foundations of Human Systems Engineering (3)

Electives and Research (12-18 credit hours)

Culminating Experience (0-6 credit hours)

- HSE 593 Applied Project (6) OR
- HSE 599 Thesis (6) OR
- portfolio (0)

Additional Curriculum Information

Students have the option of doing a thesis (with industry guidance), an applied project to develop and demonstrate professional knowledge and skills, or a portfolio as the culminating experience.

Students selecting the thesis option work on the thesis, under faculty supervision, for at least one calendar year. The first three thesis credits are devoted to developing an idea and preparing a proposal for approval by a faculty committee. The next three credits allow for preparing the details of research design and data collection for the thesis (materials, computer programs, experimental test beds, questionnaires, etc.). The final six credits are devoted to collecting and analyzing data and writing and revising the thesis under the direction of the student's committee chair. Students defend the thesis in an oral examination.

In cases in which a student is engaged in a project initiated by industry, they may opt for the applied project option. Students carry out the applied project, under faculty supervision and guided by industry, in a calendar year in which the 12 credit hours outside of the core are allocated to a combination of research, applied project and report writing appropriate to the goals of the student and the industry partner. In all cases, the project culminates in a substantial written report followed by a comprehensive oral examination covering the project and other materials from required courses.

The portfolio should demonstrate a high level of mastery of the principles and practice of human systems engineering through a compilation of work that the student has completed through the course of their graduate study. While the specific details depend on the student's specialization, all portfolios must describe three notable projects or academic accomplishments that students have completed through the course of graduate study that illustrate the evolution and advancement of the student's technical expertise and mastery of the field of human systems engineering. Submitted with the portfolio is a written document comprised of an overview of graduate experience and descriptions of the projects presented in the portfolio.

Applied project students take 12 elective credit hours, thesis students take nine elective credit hours plus three credit hours of HSE 592 Research, and portfolio students take 18 elective credits.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in psychology or a related field (including engineering, computer science or business) from a regionally accredited institution.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- official GRE general exam scores
- statement of purpose describing professional and academic aspirations
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International applicants can find complete information on the English proficiency exams and other required documents on the Admission Services website: <https://poly.engineering.asu.edu/hse/ms/> (<https://poly.engineering.asu.edu/hse/ms/>).

The letters of recommendation should be from college professors, employers (in a human factors-related field) or a combination of both academic and professional references

Applicants to this program generally have completed an undergraduate course in statistics.

Only complete applications are reviewed.

Contact Information:

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Human Systems Engineering, PHD (TSSMACSPHD)

Online Degree Search Title: Human Systems Engineering, PhD

Campus: Polytechnic

Program Description:

Human systems engineering describes a growing transdisciplinary field, including the disciplines of psychology, engineering and computer science, that explores how people interact with technological and social systems in contexts that include transportation, medicine, military, computing and other complex systems. Cognitive science provides the foundation necessary for integrating human capabilities and limitations into complex sociotechnical systems (i.e., the practice of cognitive engineering), and the application of cognitive science relies heavily on human systems engineering methods.

A large domain exists in which the joining of applied cognitive science, human factors and a systems approach is imperative for the design of complex sociotechnical systems. Examples include:

- development of intelligent agents that work well with humans
- the use of driving simulators for research on driver distraction
- dynamical systems models of team interaction
- the use of gaming simulators for studying business decision-making
- human-in-the-loop simulation studies of cybersecurity analysis
- medical simulation for health care research
- models of cognitive states and processes of sociocultural systems
- nuclear control room simulation for improved human system integration
- pilot training research using aircraft simulators
- simulation of consumer behavior
- tests of future airspace control concepts using air traffic control simulators

This PhD program is designed to produce individuals who are well-grounded and skilled in the methods of human systems engineering. Employers (e.g., Department of Defense, Federal Aviation Administration, Nuclear Regulatory Commission, hospitals, etc.) have an ever-increasing demand for personnel who can bridge the gap between rigorous science and solutions to real-world problems. The doctoral program provides transdisciplinary, research-driven training in the computing, engineering, technology, applied cognitive science and human systems integration.

Degree Requirements:

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (12 credit hours)

HSE 520 Methods and Tools in Applied Cognitive Science (3)

HSE 521 Methods and Tools in Human Systems Engineering (3)

HSE 540 Foundations of Applied Cognitive Science (3)

HSE 542 Foundations of Human Systems Engineering (3)

Foundations (6 credit hours)

Methods and Tools (3 credit hours)

Applications (9 credit hours)

Electives (36 credit hours)

Research (6 credit hours)

HSE 792 Research (6) or additional electives as selected by the PhD committee

Culminating Experience (12 credit hours)

HSE 799 Dissertation (12)

Additional Curriculum Information

When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used for this degree. If students do not have a previously awarded master's degree, the 30 hours of coursework is made up of electives.

Electives are identified by the committee and approved by executive committee's approval.

No more than six credit hours of 400-level course work can be included on a graduate plan of study.

Students may petition the HSE Executive Committee to allow HSE-relevant or dissertation-relevant courses to be included as HSE elective courses.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a minimum of a bachelor's degree in psychology, engineering, cognitive science, computer science or closely related field from a regionally accredited institution.

Applicants must have a minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

graduate admission application and application fee official transcripts from each college or university attended official GRE general exam scores

personal statement professional resume proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Applicants should see the Graduate Admission Services website at <https://admission.asu.edu/international/graduate/english-proficiency>

([https://admission.asu.edu/international/graduate/english-proficiency" target="_Blank](https://admission.asu.edu/international/graduate/english-proficiency)). Global Launch at ASU offers an online alternative to standardized testing for international students who are seeking admission to ASU but need proof of English proficiency.

<https://learnenglish.asu.edu/online/admission> (<https://learnenglish.asu.edu/online/admission>)

If the applicant does not meet the minimum GPA requirements, the application may still be considered. In certain cases, demonstrated aptitude through professional experience or additional postbaccalaureate education is considered.

A GRE waiver may be requested if the applicant received a bachelor's degree in a related field from the United States with a cumulative GPA of 3.00 or better. Engineering programs must have a bachelor's degree from an ABET-accredited program. Applicants should email polygrad@asu.edu (<mailto:polygrad@asu.edu>) to request a waiver. They can also submit a GRE waiver request form (https://poly.engineering.asu.edu/wp-content/uploads/2019/05/GRE-Waiver-Request_04.2019.pdf) if they have five years of full-time applicable professional experience. An approved waiver does not guarantee admission.

Contact Information:

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<https://poly.engineering.asu.edu/advising/>
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Industrial Engineering, MS (ESINDENMS)

Online Degree Search Title: Industrial Engineering, MS

Campus: Tempe, Online

Program Description:

The industrial engineering MS program prepares students to give practical and economically efficient solutions to real-life, complex problems --- solutions that require a system level approach. Examples of these problems include health delivery, food and energy systems as well as those that arise in the strategic planning of manufacturing, logistics operations and service industries. Some of the tools used to address these problems include statistics, optimization, computer simulation and advanced analytics.

The industrial engineering program at Arizona State University is recognized for its high-impact, agile, interdisciplinary, results-oriented research on the most pressing societal needs and it is consistently ranked among the top 20 graduate programs in the United States. The program is immersed in the innovation environment that permeates Arizona State University, and its faculty members are internationally recognized for their innovative research projects, funded both by government and industry.

Concurrent Degrees:

This degree is also offered as concurrent degree program with W. P. Carey MBA - Online Program

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Engineering Management, BSE

Industrial Engineering, BSE

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

30 credit hours and a thesis, or 30 credit hours including a Portfolio.

Required Core (12 credit hours)

IEE 505 Information Systems Engineering (3) or IEE 506 Web-Enabled Decision Support Systems (3)

IEE 545 Simulating Stochastic Systems (3) or IEE 561 Production Systems (3)

IEE 572 Design Engineering Experiments (3) or IEE 573 Reliability Engineering (3) or IEE 578 Regression Analysis (3)

IEE 574 Applied Deterministic Operations Research (3) or IEE 575 Applied Stochastic Operations Research Models (3)

Elective (0-6 credit hours)

Related Area (9-12 credit hours)

Culminating Experience (0-6 credit hours)

IEE 599 Thesis (6) or

Written Comprehensive Exam (0)

Additional Curriculum Information

The Master of Science in industrial engineering is a 30 credit hour program which has a thesis and a nonthesis track. The thesis track requires 24 credit hours of coursework, six credit hours of thesis, a written thesis and a final oral examination. The nonthesis track requires 30 credit hours of coursework and a comprehensive exam.

At the time of admission, students' applications are considered primarily for the nonthesis track. After matriculating at Arizona State University, a student may consult with and receive approval from the industrial engineering faculty to pursue the thesis track.

Students must successfully defend the thesis or pass the written comprehensive examination to graduate.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.20 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts from all institutions attended
- a statement of purpose
- GRE scores
- three letters of recommendation
- proof of English language proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

At the time of application, all applicants must have successfully completed a minimum of nine credit hours of calculus (Calculus I, II, III) with a grade of "C" (scale is 4.00 = "A") or higher.

A student with any deficiency coursework must complete each deficiency with a grade of "B" or better (scale is 4.00 = "A") within two semesters of admission to the program. Deficiency courses include:

CSE 110 Principles of Programming

CSE 205 Object-Oriented Programming and Data Structures

IEE 376 Operations Research Deterministic Techniques/Applications

IEE 380 Probability and Statistics for Engineering Problem Solving

IEE 470 Stochastic Operations Research

MAT 242 Elementary Linear Algebra

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/graduate/master-business-administration-master-science-industrial-engineering/>)

Contact Information:

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<https://cidse.engineering.asu.edu/industrial-engineering/>

CTRPT 105

cidse.advising@asu.edu

480-965-3199

Industrial Engineering, PHD (ESINDENPHD)

Online Degree Search Title: Industrial Engineering, PhD

Campus: Tempe

Program Description:

The PhD program in industrial engineering engages students in fundamental and applied research. The overall educational objective of graduate study in industrial engineering is to improve each student's ability to identify, define and solve problems and perform original research to address the underlying causes of these problems. Industrial engineers develop qualitative and quantitative abilities to guide the design and operation of sustainable organizations and systems.

This doctoral program provides a rigorous education and provides students with research and educational experiences. A large fraction of these students are involved in applied research projects that are carried out in the context of government or privately-funded research. The program provides students access to many opportunities to participate in highly impactful research projects and interact with the leaders of the subfield that they choose to study and specialize in. Hence, many of them graduate with significant accomplishments resulting from the work they performed during the course of their doctoral study.

Graduates of the program are prepared for careers in academia, government and industry doing teaching, advanced research, and developing and making use of advanced techniques for the operation of their businesses.

Degree Requirements:

85 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (15 credit hours)

IEE 605 Foundations of Information Systems Engineering (3)
IEE 620 Optimization I (3)
IEE 622 Optimization II (3)
IEE 640 Probability and Stochastic Processes (3)
IEE 670 Mathematical Statistics (3)

Electives (42 credit hours)

Research and Internship Required Coursework (16 credit hours)

IEE 594 Conference and Workshop (1)
IEE 700 Research Methods (1)
IEE 784 Teaching Internship (1)
IEE 790 Reading and Conference (1) OR IEE 584 Internship (1)
IEE 792 Research (12)

Culminating Experience (12 credit hours)

IEE 799 Dissertation (12)

Additional Curriculum Information

Students are required to complete five core courses within the first year of full-time enrollment in the doctoral program. To be allowed to continue in the program after completion of the core courses, each student must take and successfully pass a qualifying exam on three of the five core courses.

Eligible students can request a master's in passing after successfully completing the qualifying exam and completing 30 credit hours in the doctoral program.

A written and an oral comprehensive examination are required no later than the semester following completion of 57 credit hours of coursework in the plan of study. The student must also successfully defend the dissertation prospectus and the dissertation research.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.50 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.50 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- a statement of purpose
- GRE scores
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

At the time of application, all applicants must have successfully completed a minimum of nine credit hours of calculus (Calculus I, II, III) with a grade of "C" or higher (scale is 4.00 = "A").

A student with any deficiency coursework must complete each deficiency with a grade of "B" (3.00) or better within two semesters of admission to the program.

Deficiency courses include:

CSE 110 Principles of Programming
CSE 205 Object-Oriented Programming and Data Structures
IEE 376 Operations Research Deterministic Techniques/Applications

IEE 380 Probability and Statistics for Engineering Problem Solving
IEE 470 Stochastic Operations Research
MAT 242 Elementary Linear Algebra

Students should see the program website for application deadlines.

Contact Information:

Engineering, Ira A. Fulton Schools of
Industrial, Systems & Operations Engineering Prgm
<https://cidse.engineering.asu.edu>
CTRPT 105
cidse.advising@asu.edu
480-965-3199

Information Technology, MS (TSIFTMS)

Online Degree Search Title: Information Technology, MS

Campus: Polytechnic, Online

Program Description:

The MS program in information technology teaches advanced technology skills to prepare students for careers in industry, education or government.

Students gain the ability to conceptualize, organize and realize information technology projects that meet the needs of users within an organizational or societal context. Students select coursework that encompasses core technologies in one of three focus areas: computer architecture and information security, information systems management and development, and enterprise computing.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Information Technology, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

30 credit hours and a portfolio, or 30 credit hours including the required applied project course (IFT 593).

Required Core (9 credit hours)

IFT 510 Principles of Computer and Information Technology (3)

IFT 530 Information Analysis, Modeling, Representation and Communication (3)

IFT 540 Software Development for Information Technology (3)

Other Requirement (3 credit hours)

IFT 598 Topic: Advanced Information Systems Security

Open Elective (3 credit hours)

Focus Area Electives (12 - 15 credit hours)

Culminating Experience (0 or 3 credit hours)

IFT 593 Applied Project (3) or

portfolio (0)

Additional Curriculum Information

Students should see the academic unit for a complete list of approved coursework.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in information technology, computer science, applied computing, engineering or a closely related field from a regionally accredited college or university.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- personal statement
- professional resume
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Applicants should see the Graduate Admission Services website at <https://admission.asu.edu/international/graduate/english-proficiency> (<https://admission.asu.edu/international/graduate/english-proficiency> target="_Blank").

Global Launch at ASU offers an online alternative to standardized testing for international students who are seeking admission to ASU but need proof of English proficiency. <https://learnenglish.asu.edu/online/admission> (<https://learnenglish.asu.edu/online/admission>)

If the applicant does not meet the minimum GPA requirements, the application may still be considered. In certain cases, demonstrated aptitude through professional experience or additional postbaccalaureate education will be considered.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/graduate/information-technology-ms/>)

Contact Information:

Engineering, Ira A. Fulton Schools of
Information Technology
<https://poly.engineering.asu.edu/advising/>
WANER 101
polygrad@asu.edu
480-727-4723

Innovation and Venture Development, MS (HIIVDMS)

Online Degree Search Title: Innovation and Venture Development, MS

Campus: Tempe

Program Description:

The MS program in innovation and venture development integrates the most advanced practices and technologies from business, engineering and design in a transdisciplinary, experience-based program that prepares the next generation of leaders with skills needed to launch successful ventures in any industry or sector, inside existing organizations or as new entities.

Graduates are prepared to lead cross-disciplinary teams in a world of growing uncertainty and ambiguity. They can identify needs and evaluate opportunities, generating insights from real world problems; innovate solutions; and create and launch scalable business models that provide value to all stakeholders. Founders with this innovation and venture development degree from ASU will define a new standard for venture development.

Degree Requirements:

Required Core (18 credit hours)

IVD 525 Fundamentals of Entrepreneurial Leadership (3)

IVD 560 Innovation Studio I: Discovery and Insight (3)

IVD 561 Innovation Studio II: Problem Reframing (3)

IVD 562 Innovation Studio III: Explore, Fail, Solve (3)

IVD 630 Scaling Entrepreneurial Leadership (3)

IVD 660 Innovation Studio IV: Business Model (3)

Electives or Research (6 credit hours)

Culminating Experience (6 credit hours)

IVD 661 Innovation Studio V: Scale (6)

Additional Curriculum Information

Students should see the academic unit for a list of approved elective coursework.

Admission Requirements:

Applicants must fulfill the requirements of the Graduate College, the Herberger Institute for Design and the Arts, the Ira A. Fulton Schools of Engineering and the W. P. Carey School of Business.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in business, design, engineering or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:

- graduate admission application and application fee
- official transcripts
- professional resume
- written statement
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

The applicant's written statement should describe an instance from the professional background outlining the applicant's use of innovation and entrepreneurial experience.

Contact Information:

Engineering, Ira A. Fulton Schools of
Dean, Herberger Institute for Design and the Arts
<https://design.asu.edu/>
CDN 162
msivd@asu.edu
480-965-3536

Lean Six Sigma Black Belt (Certificate), Certificate (ESLSSBGRCT)

Online Degree Search Title: Lean Six Sigma Black Belt (Graduate Certificate)

Campus: Tempe, Online

Program Description:

The Lean Six Sigma Black Belt graduate certificate is designed for engineers and managers who oversee tactical and strategic projects as well as various operational functions in their organizations.

The certificate program aims to provide students with a set of contemporary tools to produce measurable improvements in business processes. In particular, graduates of the certificate program gain an in-depth understanding of the Six Sigma Define, Measure, Analyze, Improve, Control process and the tools used to achieve effective process and product improvement; develop the leadership and team-building skills necessary to oversee continuous improvement projects with many stakeholders; and understand how lean principles and design for Six Sigma fit into the overall task of product and process improvement.

The culminating experience is in line with the Black Belt certification requirements used nationwide in similar certification programs.

Degree Requirements:

15 credit hours including the required capstone courses (IEE 585).

Required Core (6 credit hours)

IEE 570 Advanced Quality Control (3)

IEE 581 Six Sigma Methodology (3)

Electives (6 credit hours)

Culminating Experience (3 credit hours)

IEE 585 Six Sigma Capstone (3)

Additional Curriculum Information

For electives, students should see the academic unit for the approved course list.

A minimum grade of a "B" is required for capstone course IEE 585.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Required Prerequisite Courses:

CSE 110 Principles of Programming with Java, or equivalent

IEE 380 Probability and Statistics for Engineering Problem Solving, or equivalent

MAT 267 Calculus for Engineers III, or equivalent

No more than 40% of coursework toward the requirements of a graduate certificate may be completed prior to admission to the certificate program.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/certificates/lean-six-sigma-black-belt-graduate-certificate/>)

Contact Information:

Engineering, Ira A. Fulton Schools of

Industrial, Systems & Operations Engineering Prgm

<https://cidse.engineering.asu.edu/forstudent/graduate/lean-six-sigma-black-belt/>

CTRPT 105

cidse.advising@asu.edu

480-965-3199

Manufacturing Engineering, MS (TSMEGRMS)

Online Degree Search Title: Manufacturing Engineering, MS

Campus: Polytechnic

Program Description:

Manufacturing engineering draws upon two distinct bodies of knowledge: manufacturing processes (i.e., how materials are altered in either shape or

properties) and the processes of manufacturing (i.e., manufacturing systems and management). This combination of topics is embedded in the MS program in manufacturing engineering, and students can follow their interests by developing deeper expertise in either manufacturing processes or the processes of manufacturing.

The program provides advanced technical content to help students prepare for career transitions and improve company competitiveness. It consists of a core set of courses designed to provide all students with advanced knowledge of manufacturing fundamentals and an introduction to systems engineering. The expertise developed in the core curriculum supports student focus areas building on existing unit faculty strengths, including automation, additive and subtractive manufacturing processes including computer numerical control machining, modeling and simulation, electronics manufacturing and manufacturing management.

Thesis, applied project and portfolio options are offered for the culminating experience.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Engineering (Automotive Systems), BSE
- Engineering (Electrical Systems), BSE
- Engineering (Mechanical Engineering Systems), BSE
- Engineering (Robotics), BSE
- Manufacturing Engineering, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

30 credit hours a portfolio, or 30 credit hours and a thesis, or 30 credit hours including the required Applied Project course (EGR 593).

Required Core (6 credit hours)

EGR 520 Engineering Analysis (3)

EGR 522 Statistics for Quality Control in Manufacturing (3)

Electives (15-21 credit hours)

Other Requirement (3 credit hours)

EGR 598 Topic: Manufacturing Systems Management (3)

Culminating Experience (0-6 credit hours)

EGR 593 Applied Project (3) or

EGR 599 Thesis (6) or

portfolio (0)

Additional Curriculum Information

Students should see the academic unit for a complete list of approved electives.

EGR 598 Topic: Manufacturing Systems Management may be substituted with approval from the academic unit.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a minimum of a bachelor's or master's degree in engineering, physical sciences, mathematics or similar from a regionally accredited U.S. institution, or the equivalent of a U.S. bachelor's degree from an international institution that is officially recognized by that institution's country.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- personal statement
- professional resume
- GRE general exam scores
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Applicants should see the Graduate Admission Services website at <https://admission.asu.edu/international/graduate/english-proficiency> ([https://admission.asu.edu/international/graduate/english-proficiency" target="_Blank](https://admission.asu.edu/international/graduate/english-proficiency)). Global Launch at ASU offers an online alternative to standardized testing for international students who are seeking admission to ASU but need proof of English proficiency. <https://learnenglish.asu.edu/online/admission> (<https://learnenglish.asu.edu/online/admission>)

If the applicant does not meet the minimum GPA requirements, the application may still be considered. In certain cases, demonstrated aptitude through professional experience or additional postbaccalaureate education will be considered.

A GRE waiver may be requested if the applicant received a bachelor's degree in a related field from the United States with a cumulative GPA of 3.00 or better. Engineering programs must have a bachelor's degree from an ABET-accredited program. Students should email polygrad@asu.edu (<mailto:polygrad@asu.edu>) to request a waiver. Applicants can also submit a GRE waiver request form (https://poly.engineering.asu.edu/wp-content/uploads/2019/05/GRE-Waiver-Request_04.2019.pdf) if they have five years of full-time applicable professional experience. Students should note an approved waiver does not guarantee admission.

Contact Information:

Engineering, Ira A. Fulton Schools of
Engineering Programs
<https://poly.engineering.asu.edu/advising/>
WANER 101
polygrad@asu.edu
480-727-4723

Materials Science and Engineering, MS (ESMATEMS)

Online Degree Search Title: Materials Science and Engineering, MS

Campus: Tempe, Online

Program Description:

The MS program in materials science and engineering prepares engineers for doctoral study or industrial positions that specialize in research, project management and product innovation in materials science and engineering.

The program stresses a sound foundation in technical fundamentals, communication and professionalism. To this end, a broad-based curriculum is offered in thermodynamics, structures and mechanical properties; kinetics; optical and magnetic properties; materials characterization; and energy production and storage.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Chemical Engineering, BSE
- Chemistry, BS
- Materials Science and Engineering, BSE
- Mechanical Engineering, BSE
- Mechanical Engineering (Computational Mechanics), BSE
- Mechanical Engineering (Energy and Environment), BSE
- Physics, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

30 credit hours and a thesis, or 30 credit hours including a portfolio, or 30 credit hours including the required applied project course (MSE 593).

Required Core (6 credit hours)

MSE 523 Structural and Mechanical Properties of Materials (3)

MSE 524 Advanced Thermodynamics (3)

MSE 525 Fundamentals of Electrical, Optical, and Magnetic Materials and Device Applications (3)

MSE 561 Phase Transformations, Kinetics and Diffusion in Solids (3)

Technical Electives (18 or 24 credit hours)

Culminating Experience (0-6 credit hours)

MSE 593 Applied Project (3) or
MSE 599 Thesis (6) or
portfolio (0)

Additional Curriculum Information

The materials science and engineering MS program has two options: thesis and nonthesis.

All students are admitted to the nonthesis option. The nonthesis option requires a portfolio. During the last semester of their program, students in the portfolio option submit a portfolio containing at least two projects from previous materials science and engineering coursework along with a paper explaining the projects. Students must successfully complete the portfolio requirements to pass the culminating experience. Students completing a portfolio must also take an extra six credit hours of elective coursework to reach the required 32 credit hours for the program.

Students in the applied project option write a written report in consultation with their faculty chair and present at the end of semester poster symposium.

If students wish to change to the thesis option, a faculty advisor has to be secured, and then a petition can be submitted to change to the thesis option. Students in the thesis option must complete a thesis and pass the thesis defense examination.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Admission to the materials science and engineering graduate program is highly competitive. All applicants must submit:

- graduate admission application and application fee
- official transcripts from all prior institutions attended
- official GRE score
- personal statement
- resume or curriculum vitae
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Applicants whose native language is not English are required to achieve a minimum score of 90 on the Internet-based TOEFL.

Admission to the 4+1 degree program requires a 3.50 ASU GPA (scale is 4.00 = "A") in degree-applicable courses. All applications are subject to review and admission is not guaranteed.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/graduate/master-science-materials-science-and-engineering/>)

Contact Information:

Engineering, Ira A. Fulton Schools of
Materials Science and Engineering Program
<https://semte.engineering.asu.edu/materials-science-graduate/>
ECG 202
semtegrad@asu.edu
480-965-2335

Materials Science and Engineering, PHD (ESENMATPHD)

Online Degree Search Title: Materials Science and Engineering, PhD

Campus: Tempe

Program Description:

The PhD program in materials science and engineering prepares students for professional careers in materials science and engineering and related fields in industry, government and educational institutions.

This field draws upon a fundamental base of knowledge, with underpinnings in physics, chemistry and engineering. The program extends that knowledge to address a broad range of materials-driven challenges, such as energy efficiency, sustainability, functional nanostructures, electronic materials, biomaterials and polymers.

Interdisciplinary in nature, the curriculum offers required courses in four core subjects:

- advanced thermodynamics
- kinetics and phase transformations
- physics of materials
- structure and properties of materials

Degree Requirements:

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (12 credit hours)

MSE 523 Structural and Mechanical Properties of Materials (3)

MSE 524 Advanced Thermodynamics (3)

MSE 525 Fundamentals of Electrical, Optical, and Magnetic Materials and Device Applications (3)

MSE 561 Phase Transformations, Kinetics and Diffusion in Solids (3)

Electives (3-18 credit hours)

Research (24-39 credit hours)

MSE 792 Research

Other Requirement (3 credit hours)

MSE 591 Seminar (3)

Culminating Experience (12 credit hours)

MSE 799 Dissertation (12)

Additional Curriculum Information

Students entering with a bachelor's degree are required to complete a minimum of 18 credit hours of elective coursework. Graduate elective courses may be selected from any of the graduate courses in the materials science and engineering curriculum as well as elective courses from related disciplines (e.g., chemistry, physics, electrical engineering), subject to approval by the faculty advisor. These courses should comprise a focused plan of study with emphasis in a particular area of materials science, organized in consultation with faculty supervisory committee.

Students entering the doctoral program with a master's degree need to complete 24 credit hours of research (MSE 792). Students entering with a bachelor's degree are required to complete 39 credit hours of research (MSE 792).

MSE 591 is a one credit hour course to be taken in three semesters. The seminar course consists of a series of seminars presented by invited speakers and graduate students. Doctoral students are required to give a seminar presentation once during the academic year after they have begun their research.

When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used for this degree. If students do not have a previously awarded master's degree, the 30 hours of coursework is made up of electives and research coursework as specified by the academic unit. If the master's degree has not been completed, a maximum of 12 credit hours of graduate work may be applied with program approval.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited U.S. or international institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Admission to the materials science and engineering doctoral program is highly competitive. All applicants must submit:

- graduate admission application and application fee
- official transcripts

- GRE score
- personal statement
- resume or curriculum vitae
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Once the application file is complete, the file is forwarded to the faculty admissions committee for evaluation and recommendation.

The admission process considers all aspects of the student's application. The typical successful applicant has at least a 3.25 cumulative GPA (scale is 4.00 = "A") in engineering and science coursework in a bachelor's or master's degree program and has high GRE scores as well as high TOEFL scores for those whose native language isn't English.

Financial aid is available to highly qualified students. The most common type of financial aid is teaching and research assistantships, which are accompanied by tuition waivers and major medical insurance benefits. Other types of financial aid include Ira A. Fulton Schools of Engineering fellowships and Science Foundation Arizona fellowships.

Contact Information:

Engineering, Ira A. Fulton Schools of
Materials Science and Engineering Program
<https://semte.engineering.asu.edu/materials-science-graduate/>
ECG 202
semtegrad@asu.edu
480-965-2335

Mechanical Engineering, MS (ESMEMS)

Online Degree Search Title: Mechanical Engineering, MS

Campus: Tempe

Program Description:

The MS program in mechanical engineering prepares engineers for doctoral study or industrial positions that specialize in research, project management and product innovation in mechanical engineering.

The program stresses a sound foundation in technical fundamentals, communication and professionalism. To this end, a broad-based curriculum is offered in design, system dynamics and control; fluid mechanics and aerodynamics; mechanics and dynamics of solids and structures; transport phenomena; thermodynamics; and energy.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Aerospace Engineering (Aeronautics), BSE
- Aerospace Engineering (Astronautics), BSE
- Aerospace Engineering (Autonomous Vehicle Systems), BSE
- Mechanical Engineering, BSE
- Mechanical Engineering (Computational Mechanics), BSE
- Mechanical Engineering (Energy and Environment), BSE

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

30 credit hours and a portfolio, or 30 credit hours and a thesis, or 30 credit hours including an applied project (MAE 593).

Major Area of Emphasis (12 or 15 credit hours)

Technical Electives (6 or 9 credit hours)

Mathematics (6 credit hours)

Culminating Experience (0 to 6 credit hours)

MAE 593 Applied Project (3), or

MAE 599 Thesis (6), or
portfolio (0)

Additional Curriculum Information

All students are admitted to the nonthesis option unless a faculty thesis advisor is secured, at which time the student can initiate a change to the thesis option.

The plan of study must be in accordance with university and program requirements. A minimum cumulative GPA of 3.00 (scale is 4.00 = "A") is required throughout the program. Candidates for the program must complete a minimum of 30 credit hours of approved courses at the 500 level and above, with a minimum cumulative GPA of 3.00 or above.

Coursework for the major area of emphasis is restricted to MAE coursework.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- official GRE score
- personal statement
- resume or curriculum vitae
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.; a minimum score of 80 on the internet-based TOEFL is required.

Admission to the mechanical engineering graduate program is highly competitive and preferred applicants have an undergraduate degree in aerospace engineering or mechanical engineering.

Admission to the 4+1 degree program requires a 3.50 ASU GPA (scale is 4.00 = "A") in degree-applicable courses. All applications are subject to review and admission is not guaranteed.

Applicants should see the program website for application deadlines.

Contact Information:

Engineering, Ira A. Fulton Schools of
Mechanical and Aerospace Engineering Program
<https://semte.engineering.asu.edu/mechanical-graduate/>
ECG 202
semtegrad@asu.edu
480-965-2335

Mechanical Engineering, PHD (ESMEPHD)

Online Degree Search Title: Mechanical Engineering, PhD

Campus: Tempe

Program Description:

This PhD program in mechanical engineering emphasizes original research and provides students with a strong background for employment by academic institutions, government laboratories and industrial research laboratories with a focus on mechanical engineering.

The program stresses a sound foundation in technical fundamentals, communication and professionalism. To this end, a broad-based curriculum is offered in design, system dynamics and control; fluid mechanics and aerodynamics; mechanics and dynamics of solids and structures; transport phenomena; thermodynamics; and energy. Modern computational and laboratory facilities are available to support timely research investigations.

Degree Requirements:

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

84 credit hours
qualifying exams
written and oral comprehensive exams
prospectus
dissertation

All students pursuing the doctorate are required to pass both a qualifying and a comprehensive examination administered by the program committee.

credit hours of coursework directly related to the research area (18)
credit hours of mathematics (9)
credit hours of graduate elective courses outside the major research area (9)
MAE 792 Research
MAE 799 Dissertation credit hours (12)

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from an accredited U.S. or international institution.

Applicants must have a minimum cumulative GPA of 3.25 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.25 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- GRE scores
- personal statement
- resume or curriculum vitae
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency and is required to achieve a minimum score of 80 on the internet-based TOEFL.

Admission to the mechanical engineering doctoral program is highly competitive and preferred applicants have an undergraduate or Master of Science degree in aerospace engineering or mechanical engineering. The admission process considers all aspects of the student's application and admission is not guaranteed. The typical successful applicant has at least a 3.25 cumulative GPA (scale is 4.00 = "A") in engineering and science coursework in a bachelor's or master's degree program and has high GRE and a successful applicant whose native language isn't English would also have a high TOEFL score.

Applicants should see the program website for application deadlines.

Contact Information:

Engineering, Ira A. Fulton Schools of
Mechanical and Aerospace Engineering Program
<https://semte.engineering.asu.edu/mechanical-graduate/>
ECG 202
semtegrad@asu.edu
480-965-2335

Modern Energy Production and Sustainable Use, MS (ESMEPSUMS)

Online Degree Search Title: Modern Energy Production and Sustainable Use, MS

Campus: Tempe

Program Description:

This MS program in modern energy production and sustainable use prepares students for professional careers in transdisciplinary areas from renewable energy generation and storage, energy-saving materials, manufacturing, sustainable transportation, and related fields in industry, government and educational institutions.

Degree Requirements:

30 credit hours and a portfolio.

Required Core (12 credit hours)

Choose four courses:

ALT 535 Applied Photovoltaics (3)

CHE 573 Fuel Cells and Biofuel Cells (3)

CHE 578 Biomass Energy Conversion Technology (3)

MAE 576 Energy Efficiency (3)

MAE 579 Wind Energy (3)

MAE 582 Renewable Energy: Mechanical Systems (3)

MSE 560 Nanomaterials in Energy Production and Storage (3)

SEC 501 Solar Engineering and Commercialization I (3)

Mathematics Elective (3 credit hours)

Sustainability Electives (6 credit hours)

Technical Electives (9 credit hours)

Culminating Experience (0 credit hours)

portfolio (0)

Additional Curriculum Information

The modern energy production and sustainable use program only offers a nonthesis, portfolio option.

Students should see the academic unit for a list of approved elective coursework. Other coursework may be used with approval of the academic unit.

During the last semester of their program, students submit a portfolio containing at least two projects from previous engineering coursework along with a paper explaining the projects. Students must successfully complete the portfolio requirements to pass the culminating experience.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any engineering, physical science or related field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:

- graduate admission application and application fee
- official transcripts

- three letters of recommendation
- professional resume
- personal statement
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. The minimum score required on the TOEFL iBT is 90.

Contact Information:

Engineering, Ira A. Fulton Schools of
 School for Engineering of Matter, Transport & Energy
<https://semte.engineering.asu.edu/>
 ECG 207
 semtegrad@asu.edu
 480-965-4979

Molecular, Cellular, Tissue, and Biomaterials Engineering (Certificate), Certificate (ESMCTBGRCT)

Online Degree Search Title: Molecular, Cellular, Tissue and Biomaterials Engineering (Graduate Certificate)

Campus: Tempe, Online

This program is not accepting applications at this time.

Program Description:

Engineers are rapidly improving in their capability to manipulate the components of biological systems. Approaches for localized delivery of drugs, genetic manipulations of cells, and building of tissue scaffolds are changing rapidly.

The certificate program in molecular, cellular, tissue and biomaterials engineering exposes students to many of the principles and techniques which are central to molecular, cellular, tissue and biomaterials engineering. Students who complete the program have a set of skills that enables them to participate in engineering biological systems at levels from the molecular to tissues.

Degree Requirements:

15 credit hours.

Required Core (3 credit hours)
 BME 533 Transport Processes I (3)

Electives (12 credit hours)

Additional Curriculum Information

Students should see the academic unit for an approved list of elective courses.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution. Students should see below for more information.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee

- official transcripts
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Students must have a BS or BSE in biomedical engineering, or a BS or BSE in engineering plus advanced (postbaccalaureate) training in medicine, physiology or related fields, or a BS in a science discipline, plus additional background work in biology, thermodynamics, fluids, transport and additional work in medicine, physiology, or related fields. Specifically, applicants need to demonstrate equivalent proficiency in at least four of the following five areas:

- biomaterials
- electrical networks or circuits
- engineering mechanics
- fluid mechanics or engineering transport
- thermodynamics or physical chemistry

Admission exams are not required.

Contact Information:

Engineering, Ira A. Fulton Schools of
 School of Biological & Health Systems Engineering
<https://sbhse.engineering.asu.edu>
 ECG 334
 sbhse-advising@asu.edu
 480-965-3028

Neural Engineering (Certificate), Certificate (ESNENGRCT)

Online Degree Search Title: Neural Engineering (Graduate Certificate)

Campus: Online

ASU is not currently accepting applications for this program.

Program Description:

Technologies for ameliorating neural disorders, such as epilepsy, stroke and paralysis, are developing rapidly. Understanding and deploying these technologies require specialized skills in neurophysiology, bioelectricity and neural-electronic interfaces. The certificate program in neural engineering prepares clinical, industrial and academic practitioners with those skills through courses in areas of knowledge in neurophysiology, neuroanatomy and neuropathology. Students then go on to learn of the state-of-the-art neurotechnologies applied to current neural disorders as well as the biophysics which these devices exploit.

Degree Requirements:

15 credit hours.

Required Core (6 credit hours)

BME 526 Introduction to Neural Engineering (3)

BME 561 Clinical Neuroscience (3)

Electives (9 credit hours)

Additional Curriculum Information

For electives, students should see the academic unit for the approved course list.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution. Students should see below for more information.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. The English proficiency requirement for international applicants is equivalent to the ASU Graduate College policy: TOEFL of at least 550 PBT or 80 iBT, or IELTS overall band score of 6.5.

Applicants must have earned a BS or BSE or master's degree in biomedical engineering, or have earned a BS or BSE in engineering and have advanced (postbaccalaureate) training in medicine, physiology or related fields, or a BS in a science discipline, plus have additional background work in thermodynamics, fluids, transport and additional work in medicine, physiology or related fields. Specifically, applicants need to demonstrate equivalent proficiency in at least four of the following six areas:

- biomaterials
- electrical networks or circuits
- engineering mechanics
- fluid mechanics or engineering transport
- signals and systems or control systems
- thermodynamics or physical chemistry

Contact Information:

Engineering, Ira A. Fulton Schools of
School of Biological & Health Systems Engineering
<https://sbhse.engineering.asu.edu>
ECG 334
sbhse-advising@asu.edu
480-965-3028

Nuclear Power Generation (certificate), Certificate (ESNPGGRCT)

Online Degree Search Title: Nuclear Power Generation (Graduate Certificate)

Campus: Tempe, Online

Program Description:

The nuclear power generation graduate certificate program is a transdisciplinary professional option within the Ira A. Fulton Schools of Engineering. The goal of the program is to prepare students and professionals from a variety of engineering and scientific disciplines to work effectively in the nuclear energy industry, including in nuclear power plants, government regulatory agencies and national laboratories.

Students typically begin with the study of nuclear science and engineering fundamentals. Subsequent core courses focus on nuclear power plant dynamics and diagnostics, nuclear power plant operations and safety, nuclear reactor theory and design, and structural materials in nuclear power systems.

Elective courses allow students to tailor the remaining studies toward facilitating their career goals and focusing on studies tied to their discipline. Example elective courses include nuclear power engineering, health physics and electrical power plants.

Degree Requirements:

15 credit hours.

Required Core (9 credit hours)

EEE 562 Nuclear Reactor Theory and Design (3)

EEE 563 Nuclear Reactor System Dynamics and Diagnostics (3)

EEE 564 Interdisciplinary Nuclear Power Operations (3)

Electives (6 credit hours)

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they hold a bachelor's degree from a regionally accredited institution in an engineering or science discipline, such as physics, chemistry and mathematics.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:

- graduate admission application and application fee
- official transcripts
- statement of career and educational goals
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Transcripts should be submitted for all undergraduate and graduate coursework taken.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/certificates/graduate-certificate-nuclear-power-generation/>)

Contact Information:

Engineering, Ira A. Fulton Schools of
Electrical Engineering Program
<https://ecee.engineering.asu.edu/>
GWC 209
askee@asu.edu
480-965-3424

Robotics and Autonomous Systems, MS (ESRASMS)

Online Degree Search Title: Robotics and Autonomous Systems, MS

Campus:

ASU is not currently accepting applications for this program. Applicants interested in the Robotics and Autonomous Systems program should apply directly to the electrical engineering, mechanical and aerospace engineering, systems engineering, or artificial intelligence concentrations.

Program Description:

The MS degree program in robotics and autonomous systems is a multidisciplinary program emphasizing robotics, controls, autonomous systems, artificial intelligence and related fields. Students must choose one of four concentrations: mechanical and aerospace engineering, systems engineering, electrical engineering or artificial intelligence.

Degree Requirements:

Required Core (6 credit hours)

MAE 501 Linear Algebra in Engineering (3)

MAE 547 Modeling and Control of Robots (3)

Concentration (6-12 credit hours)

Electives or Research (6-18 credit hours)

Culminating Experience (0-6 credit hours)

CSE 599 Thesis, or EGR 599 Thesis, or EEE 599 Thesis, or MAE 599 Thesis (6), or

EGR 593 Applied Project or MAE 593 Applied Project (3); or

written comprehensive exam (0); or

portfolio (0)

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in engineering, science, mathematics or a related field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:

- graduate admission application and application fee
- official transcripts
- GRE scores
- letter of intent or written statement
- professional resume
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Applicants should apply directly to one of the available concentrations.

Contact Information:

Engineering, Ira A. Fulton Schools of
Dean, Ira A. Fulton Schools of Engineering
<https://graduate.engineering.asu.edu/>
BYENG 691AA
FultonSchools@asu.edu
480-727-1585

Robotics and Autonomous Systems (Artificial Intelligence), MS (ESRASAIMS)

Online Degree Search Title: Robotics and Autonomous Systems (Artificial Intelligence), MS

Campus: Tempe

Program Description:

The artificial intelligence concentration is one of four concentrations in the multidisciplinary MS program in robotics and autonomous systems, which emphasizes robotics, controls, autonomous systems, artificial intelligence and related fields. This concentration is appropriate for students who wish to focus on applications in artificial intelligence and computer science.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Computer Science, BS
- Computer Systems Engineering, BSE
- Informatics, BS
- Software Engineering, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

30 credit hours and a portfolio, or 30 credit hours and a thesis.

Required Core (6 credit hours)

MAE 501 Linear Algebra in Engineering (3)

MAE 547 Modeling and Control of Robots (3)

Concentration (12 credit hours)

Electives or Research (6-12 credit hours)

Culminating Experience (0-6 credit hours)

CSE 599 Thesis (6), or
portfolio (0)

Additional Curriculum Information

Students are required to select one of the approved culminating experiences for the concentration.
Academic Catalog Archive 2020-2021

Students should see the academic unit for the approved concentration coursework as well as the available elective and research courses. Elective or research coursework must be selected from among the courses listed for the other three concentrations. Additional electives must be graduate courses in science, engineering, mathematics or others approved by the Graduate Program Committee.

A defense is required for the thesis option.

The portfolio is a compilation of three projects that are finished in the required concentration courses. Students must write a portfolio report that includes the highlights of the three projects.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in engineering, science, mathematics or a related field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:

- graduate admission application and application fee
- official transcripts
- GRE scores
- letter of intent or written statement
- professional resume
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Contact Information:

Engineering, Ira A. Fulton Schools of
Computer Science and Engineering Program
<https://ras.engineering.asu.edu/>
CTRPT 105
CIDSE.Advising@asu.edu
480-965-3199

Robotics and Autonomous Systems (Electrical Engineering), MS (ESRASEEMS)

Online Degree Search Title: Robotics and Autonomous Systems (Electrical Engineering), MS

Campus: Tempe

Program Description:

The electrical engineering concentration is one of four concentrations in the multidisciplinary MS program in robotics and autonomous systems, which emphasizes robotics, controls, autonomous systems, artificial intelligence and related fields. This concentration is appropriate for students who wish to focus on applications in electrical engineering.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Electrical Engineering, BSE

Electrical Engineering (Electric Power and Energy Systems), BSE

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

30 credit hours and a portfolio, or 30 credit hours and a thesis, or 30 credit hours and a written exam.

Required Core (6 credit hours)

MAE 501 Linear Algebra in Engineering (3)

MAE 547 Modeling and Control of Robots (3)

Concentration (6 credit hours)

Electives or Research (12-18 credit hours)

Culminating Experience (0-6 credit hours)

EEE 599 Thesis (6), or
written comprehensive exam (0), or
portfolio (0)

Additional Curriculum Information

Students are required to select one of the approved culminating experiences for the concentration.

Students should refer to the academic unit for the approved concentration coursework as well as the available elective and research courses. Elective or research coursework must be selected from among the courses listed for the other three concentrations. Additional electives must be graduate courses in science, engineering, mathematics or others approved by the Graduate Program Committee. Three credit hours of internship may be included among the electives.

A defense is required for the thesis option.

The portfolio includes a poster presentation with content from courses taken in the program. Students must write a portfolio report that includes the highlights of the three projects.

A written comprehensive exam is required of students who select the comprehensive exam as the culminating experience. Students should see the academic unit for additional information.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in engineering, science, mathematics or a related field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:

- graduate admission application and application fee
- official transcripts
- GRE scores
- letter of intent or written statement
- professional resume
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Contact Information:

Engineering, Ira A. Fulton Schools of
Electrical Engineering Program
<https://ecee.engineering.asu.edu/>
GWC 209
AskEE@asu.edu
480-965-3424

Robotics and Autonomous Systems (Mechanical and Aerospace Engineering), MS (ESRASMAEMS)

Online Degree Search Title: Robotics and Autonomous Systems (Mechanical and Aerospace Engineering), MS

Campus: Tempe

Program Description:

The mechanical and aerospace engineering concentration is one of four concentrations in the multidisciplinary MS program in robotics and autonomous systems, which emphasizes robotics, controls, autonomous systems, artificial intelligence and related fields.

This concentration is appropriate for students who wish to focus on applications in mechanical or aerospace engineering.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Aerospace Engineering (Aeronautics), BSE
- Aerospace Engineering (Astronautics), BSE
- Aerospace Engineering (Autonomous Vehicle Systems), BSE
- Mechanical Engineering, BSE

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

30 credit hours and a Portfolio, or 30 credit hours and a Thesis, or 30 credit hours including the required applied project course (MAE 593).

Required Core (6 credit hours)

MAE 501 Linear Algebra in Engineering (3)

MAE 547 Modeling and Control of Robots (3)

Concentration (6 credit hours)

Electives or Research (12-18 credit hours)

Culminating Experience (0-6 credit hours)

MAE 599 Thesis (6), or

MAE 593 Applied Project (3), or

portfolio (0)

Additional Curriculum Information

Students are required to select from one of the available concentrations and one of the approved culminating experiences for the concentration.

Students should see the academic unit for the approved concentration coursework as well as the available elective and research courses. Elective or research coursework must be selected from among the courses listed for the other three concentrations. Additional electives must be graduate courses in science, engineering, mathematics or others approved by the Graduate Program Committee. Three credit hours of internship may be included among the electives.

A defense is required for the thesis option.

The applied project requires a written report and an oral presentation.

The portfolio includes a poster presentation with content from courses taken in the program. Students must write a portfolio report that includes the highlights of the three projects.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in engineering, science, mathematics or a related field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- GRE scores
- letter of intent or written statement
- professional resume

- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Contact Information:

Engineering, Ira A. Fulton Schools of
School for Engineering of Matter, Transport & Energy
<https://semte.engineering.asu.edu/>
ECG 202
semtegrad@asu.edu
480-965-2335

Robotics and Autonomous Systems (Systems Engineering), MS (ESRASSEMS)

Online Degree Search Title: Robotics and Autonomous Systems (Systems Engineering), MS

Campus: Polytechnic

Program Description:

The systems engineering concentration is one of four concentrations in the multidisciplinary MS program in robotics and autonomous systems which emphasizes robotics, controls, autonomous systems, artificial intelligence and related fields.

This concentration is appropriate for students who wish to focus on applications in systems engineering.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Engineering (Automotive Systems), BSE
- Engineering (Electrical Systems), BSE
- Engineering (Mechanical Engineering Systems), BSE
- Engineering (Robotics), BSE
- Manufacturing Engineering, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

30 credit hours and a portfolio, or 30 credit hours and a thesis, or 30 credit hours including the required applied project course (EGR 593).

Required Core (6 credit hours)

MAE 501 Linear Algebra in Engineering (3)

MAE 547 Modeling and Control of Robots (3)

Concentration (6 credit hours)

Electives or Research (12-18 credit hours)

Culminating Experience (0-6 credit hours)

EGR 599 Thesis (6), or

EGR 593 Applied Project (3), or

portfolio (0)

Additional Curriculum Information

Students are required to select one of the approved culminating experiences for the concentration.

Students should see the academic unit for the approved concentration coursework as well as the available elective and research courses. Elective or research coursework must be selected from among the courses listed for the other three concentrations. Additional electives must be graduate courses in science, engineering, mathematics, or others approved by the Graduate Program Committee. Three credit hours of internship may be included among the electives.

A defense is required for the thesis option.

The applied project requires a written report and an oral presentation.

The portfolio includes a summary of the graduate program and a report highlighting three projects from the program.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a US bachelor's or master's degree from a regionally accredited institution, or the equivalent of a US bachelor's degree from an international institution that is officially recognized by that country in engineering, physical sciences, mathematics or a similar field.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:

- graduate admission application and application fee
- official transcripts from each college or university attended
- personal statement
- professional resume
- official GRE scores
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Applicants should see the Graduate Admission Services website at <https://admission.asu.edu/international/graduate/english-proficiency> ([https://admission.asu.edu/international/graduate/english-proficiency" target="_Blank](https://admission.asu.edu/international/graduate/english-proficiency)). Global Launch at ASU offers an online alternative to standardized testing for international students who are seeking admission to ASU but need proof of English proficiency: <https://learnenglish.asu.edu/online/admission> (<https://learnenglish.asu.edu/online/admission>).

If the applicant does not meet the minimum GPA requirements, the application may still be considered. In certain cases, demonstrated aptitude through professional experience or additional postbaccalaureate education will be considered.

A GRE waiver may be requested if the applicant received a bachelor's degree in a related field from the United States with a cumulative GPA of 3.00 or better. Engineering programs must have a bachelor's degree from an ABET-accredited program. Applicants should email polygrad@asu.edu (<mailto:polygrad@asu.edu>) to request a waiver. Applicants can also submit a GRE waiver request form (https://poly.engineering.asu.edu/wp-content/uploads/2019/05/GRE-Waiver-Request_04.2019.pdf) if they have five years of full-time applicable professional experience. An approved waiver does not guarantee admission.

Contact Information:

Engineering, Ira A. Fulton Schools of
Engineering Programs
<https://poly.engineering.asu.edu/advising/>
WANER 101
polygrad@asu.edu
480-727-4723

Semiconductor Processing (Certificate), Certificate (ESSCPRGRCT)

Online Degree Search Title: Semiconductor Processing (Graduate Certificate)

Campus: Tempe

Program Description:

This certificate program provides a series of courses in semiconductor processing, packaging and characterization that prepare students for careers in the industry or for graduate studies. Students select from a set of core courses and technical electives.

Degree Requirements:

15 credit hours.

Required Core (9 credit hours)

EEE 530 Advanced Silicon Processing (3)

IEE 572 Design Engineering Experiments (3)

MSE 550 Advanced Materials Characterization (3)

Electives or Research (6 credit hours)

Additional Curriculum Information

Students should see the academic unit for available elective and research coursework.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in engineering or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:

- graduate admission application and application fee
- official transcripts
- professional resume
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission be considered for admission to this certificate program.

Contact Information:

Engineering, Ira A. Fulton Schools of
School for Engineering of Matter, Transport & Energy
<https://semte.engineering.asu.edu/>
ECG 207
semtegrad@asu.edu
480-965-4979

Sensor Signal and Information Processing (Certificate), Certificate (ESSSIPGRCT)

Online Degree Search Title: Sensor Signal and Information Processing (Graduate Certificate)

Campus: Tempe

Program Description:

The graduate certificate program in sensor signal and information processing provides background and application-oriented training in processing and interpreting signals acquired from sensors. The focus is on building knowledge and skills in several sensor network applications.

The program includes courses on signal and data processing for sensor systems. Course topics include digital signal processing, random signal theory, detection and estimation, sensor systems, big data and machine learning. The certificate may be completed with on-campus coursework and iCourses.

The certificate is a professional graduate program. The area of sensor information extraction and interpretation is an enabler for several applications, including health, sustainability, media, communications and security.

Degree Requirements:

16 credit hours.

Required Core (10 credit hours)

EEE 407 Digital Signal Processing (3) or EEE 509 DSP Algorithms and Software (3)

EEE 517 Sensors and Machine Learning (1)

EEE 554 Random Signal Theory (3)

EEE 556 Detection and Estimation Theory (3) or EEE 606 Adaptive Signal Processing (3)

Electives (6 credit hours)

Additional Curriculum Information

Students choose from EEE 407 or EEE 509 and EEE 556 or EEE 606 as part of the core coursework.

For electives or research, students should see the academic unit for the approved course list. Other coursework may be used with the approval of the academic unit.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in an engineering or a science discipline such as physics, mathematics or computer science from an accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:

- graduate admission application and application fee
- official transcripts
- statement of purpose
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa will first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission be considered for admission to this certificate program.

Regular admission will be granted to applicants who have at least 3.00 GPA or equivalent (scale is 4.00 = "A") and are competitive in the applicant pool. All prerequisites to the sensor signal and information processing certificate required courses must be in place (EEE 203 and EEE 350 from ASU, or signals and systems and random signals course equivalents from other universities).

Contact Information:

Engineering, Ira A. Fulton Schools of

Electrical Engineering Program

<https://ecee.engineering.asu.edu/>

GWC 209

askee@asu.edu

480-965-3424

Software Engineering, MS (TSSERMS)

Online Degree Search Title: Software Engineering, MS

Campus: Polytechnic

Program Description:

The MS program in software engineering focuses on developing advanced knowledge and abilities in the design and application of software. The program involves the application of engineering principles to software development including design methodologies, operation principles and maintenance and testing approaches. The Master of Science program in software engineering builds upon the BS program in software engineering and is aimed at developing professional skills in this discipline as well as providing opportunities for students to engage in and develop research abilities.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Software Engineering, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

30 credit hours and a thesis, or 30 credit hours including the required capstone course SER 517.

Required Core (9 credit hours)

SER 501 Advanced Data Structures and Algorithms (3)

SER 502 Emerging Languages and Programming Paradigms (3)

SER 515 Foundations of Software Engineering (3)

Electives (15-18 credit hours)

Culminating Experience (3 or 6 credit hours)

SER 517 Software Factory I (3) or

SER 599 Thesis (6)

Additional Curriculum Information

Students should see the academic unit for a list of approved electives.

For the culminating experience, students have the choice of completing the capstone course (SER 517) or a thesis (SER 599). Completion of 30 credit hours of coursework is required for all culminating experience options.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in information technology, computer science, applied computing, engineering or a closely related field from a regionally accredited institution (or international equivalent).

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- GRE test scores
- three letters of recommendation
- personal statement
- proof of English language proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

If the student is assigned any deficiency coursework upon admission, those classes must be completed with a grade of "B" (3.00) or higher within two semesters of admission to the program. Deficiency courses include:

CSE 240 Introduction to Programming Languages

CSE 360 Introduction to Software Engineering

SER 222 Design and Analysis of Data Structures and Algorithms OR CSE 310 Data Structures and Algorithms

SER 334 Operating Systems and Networks OR CSE 330 Operating Systems

Contact Information:

Engineering, Ira A. Fulton Schools of

Software Engineering

<https://cidse.engineering.asu.edu/graduate-program-software-engineering/>

PICHO 245

cidse_gradpoly@asu.edu

480-727-3520

Solar Energy Engineering and Commercialization, PSM (ESSEECPSM)

Online Degree Search Title: Solar Energy Engineering and Commercialization, PSM

Campus: Tempe

Program Description:

The PSM program in solar energy engineering and commercialization offers advanced, interdisciplinary education in solar energy to students with backgrounds in science, technology, engineering or mathematics. The objective of the program is to enable graduates to pursue careers in industry, government or the nonprofit sector that involve solar energy and its utilization.

Students in the program must select courses from technical and nontechnical tracks, including solar energy policy, spanning a number of academic programs and schools. Opportunities exist for engagement with the solar energy industry or government policymakers, leading to a required applied research project that culminates the program.

The degree program is meant to be completed in 12 months by full-time students.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Engineering (Electrical Systems), BSE
- Mechanical Engineering, BSE
- Mechanical Engineering (Computational Mechanics), BSE
- Mechanical Engineering (Energy and Environment), BSE

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

30 credit hours including the required applied project course (SEC 593).

Required Core (9 credit hours)

GCU 598 Special Topics (1)

HSD 594 Conference and Workshop (2)

SEC 588 Solar Energy Colloquium (3)

one approved solar photovoltaic graduate course (3)

Electives (15 credit hours)

Culminating Experience (6 credit hours)

SEC 593 Applied Project (6)

Additional Curriculum Information

Of the electives, six credit hours must be selected from the list of technical courses and six credit hours must be selected from the list of nontechnical courses. An additional three credit hours are required and can be selected from either the technical or nontechnical course list. Students should see the academic unit for the approved course lists.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a minimum of a bachelor's degree in a field such as science, technology, engineering and mathematics from a regionally accredited institution or the equivalent of a U.S. bachelor's degree from an international institution that is officially recognized by that country.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts from each institution from which a degree was earned
- general GRE
- three letters of recommendation
- personal statement
- proof of English proficiency

Additional Application Information

Other details regarding English proficiency requirements are described on the Graduate College website at <https://admission.asu.edu/international/graduate/english-proficiency> (<https://admission.asu.edu/international/graduate/english-proficiency>).

Contact Information:

Engineering, Ira A. Fulton Schools of
School for Engineering of Matter, Transport & Energy
<https://semte.engineering.asu.edu/solar/>
ECG 202
SEMTEgrad@asu.edu
480-965-2335

Sustainable Engineering, MSE (ESSUEMSE)

Online Degree Search Title: Sustainable Engineering, MSE

Campus: Online

Program Description:

The MSE in sustainable engineering is a multidisciplinary graduate program ideal for professionals and graduate-level students with engineering and physical science backgrounds who wish to design a flexible individualized plan of study.

Courses cover such sustainable engineering topic areas as energy systems and alternative energy production, water, transportation, earth systems engineering, industrial ecology, life cycle assessment, environmental technologies, green construction practices and sustainable technology systems.

The goal of sustainable engineering is to enable long-lasting improvement of the human condition. Sustainable engineering transcends traditional engineering education by integrating considerations of complex social, environmental, political and economic factors into engineering theory and practice in order to achieve more economically, technically, environmentally, institutionally, and socially efficient and robust solutions.

Degree Requirements:

30 credit hours including a capstone course and a written comprehensive exam, or 30 credit hours including a thesis and written comprehensive exam, or 30 credit hours including the required applied project course (CEE 593) and a written comprehensive exam.

Required Core (12 credit hours)

Infrastructure Systems Track Courses (9 credit hours) or
Energy Systems Track Courses (9 credit hours) or
Earth Systems Engineering and Industrial Ecology Track Courses (9 credit hours)

Electives (3 credit hours)

Culminating Experience (6 credit hours)

Additional Curriculum Information

Students complete nine credit hours in a selected track. Available track options are infrastructure systems, energy systems, and earth systems engineering and industrial ecology.

Students should see the academic unit for an approved course list.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's degree or master's degree in engineering or a closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- GRE scores

- letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Students with a degree in civil engineering, environmental engineering, construction engineering, mechanical engineering or with an engineering degree other than these listed may be admitted, with deficiencies as identified by the sustainable engineering faculty, if appropriate. If the applicant does not have an undergraduate degree in any of these programs, additional requirements may be necessary based upon the applicant's background, including sufficient courses in mathematics that include but are not limited to calculus, differential equations and linear algebra. A faculty committee determines which required courses are needed on a case-by-case basis.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/graduate/master-science-engineering/>)

Contact Information:

Engineering, Ira A. Fulton Schools of
 School of Sustainable Engineering & Built Environmt
<https://ssebe.engineering.asu.edu/graduate/sustainable/>
 CAVC 437
 Sebe.advising@asu.edu
 480-965-0595

Systems Engineering, PHD (ESSYSPHD)

Online Degree Search Title: Systems Engineering, PhD

Campus: Polytechnic

Program Description:

The PhD in systems engineering is a transdisciplinary graduate program offered by the Polytechnic School.

The program is aimed at advancing the understanding of complex engineering systems and where these systems are inclusive of technological aspects, as well as social, cultural, environmental and other interacting components that impact the input, output and interactions within a system. The program prepares students to identify, model, analyze, interpret, optimize and manage the multidimensional interactions of the ever-increasing complexity of modern technological and societal challenges.

A typical incoming student in this program would have a master's degree in engineering or related discipline. The core curriculum provides the foundation for systems thinking, systems identification, systems modeling and systems design and analysis using diverse disciplinary methodological approaches. Students in this doctoral program use their capacity to evaluate complex systems and a depth of mathematical maturity to study problems for which complexity is impeding progress.

Degree Requirements:

84 credit hours, a written comprehensive exam, an oral comprehensive exam, and a dissertation.

Required Core (9 credit hours)

EGR 602 Principles of Independent Research (3)

EGR 608 Advanced Simulation (3)

EGR 611 Complex Engineering Systems (3)

Technical Electives (3 credit hours)

Electives and Research (60 credit hours)

Culminating Experience (12 credit hours)

EGR 799 Dissertation (12)

Additional Curriculum Information

When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used toward this degree. If students do not have a previously awarded master's degree, the 30 credit hours of coursework is made up of electives to reach the required 84 credit hours.

Students are required to take 12 credit hours of EGR 792 as part of their research coursework.

Elective coursework should be directly in support of the student's research as advised by the supervisory committee.

Students with a BS degree coming into the doctoral program in systems engineering must complete at least nine credit hours of approved mathematics courses after the completion of their bachelor's degree. Students select appropriate elective courses in consultation with the academic unit.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a minimum of a bachelor's or master's degree in engineering from a regionally accredited institution, or if they have earned the equivalent of a US bachelor's degree from an international institution that is officially recognized by that country in engineering, physical sciences, mathematics or a similar field.

Applicants without a master's degree in engineering or a closely related field must have a minimum of a 3.75 cumulative GPA (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program coupled with a record of research or leadership accomplishments (or both). Applicants with a master's degree in engineering or a closely related field must have a minimum of 3.25 cumulative GPA (scale is 4.00 = "A") in the applicable master's degree program. Exceptional undergraduates are encouraged to apply after completion of a BS degree.

All applicants must submit:

- graduate admission application and application fee
- official transcripts from each college or university attended
- two letters of recommendation
- GRE scores
- statement of purpose
- resume or curriculum vitae
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Applicants should see the Graduate Admission Services website at <https://admission.asu.edu/international/graduate/english-proficiency> ([https://admission.asu.edu/international/graduate/english-proficiency" target="_Blank](https://admission.asu.edu/international/graduate/english-proficiency)). Global Launch at ASU offers an online alternative to standardized testing for international students who are seeking admission to ASU but need proof of English proficiency: <https://learnenglish.asu.edu/online/admission> (<https://learnenglish.asu.edu/online/admission>)

If the applicant does not meet the minimum GPA requirements, the application may still be considered. In certain cases, demonstrated aptitude through professional experience or additional postbaccalaureate education is considered.

A GRE waiver may be requested if the applicant received a bachelor's degree in a related field from the United States with a cumulative GPA of 3.00 or better. Engineering programs must have a bachelor's degree from an ABET-accredited program. Applicants should email polygrad@asu.edu (<mailto:polygrad@asu.edu>) to request a waiver. They can also submit a GRE waiver request form (https://poly.engineering.asu.edu/wp-content/uploads/2019/05/GRE-Waiver-Request_04.2019.pdf) if they have five years of full-time applicable professional experience. An approved waiver does not guarantee admission.

Contact Information:

Engineering, Ira A. Fulton Schools of
Engineering Programs
<https://poly.engineering.asu.edu/advising/>
WANER 101
polygrad@asu.edu
480-727-4723

Technology (Aviation Management and Human Factors), MSTech (TSHFMSTECH)

Online Degree Search Title: Technology (Aviation Management and Human Factors), MSTech

Campus: Polytechnic

Program Description:

The MSTech degree program offers a concentration in aviation management and human factors.

The program's focus is on preparing graduates for a career in the aviation industry, and it can serve as the foundation for further advanced study. Graduates of this program possess technical and professional skills for use in leadership positions in the aviation industry.

Courses are offered at the Polytechnic campus, with some courses offered as iCourses.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Aeronautical Management Technology (Air Traffic Management), BS
- Aeronautical Management Technology (Air Transportation Management), BS
- Aeronautical Management Technology (Professional Flight), BS
- Aeronautical Management Technology (Unmanned Aerial Systems), BS
- Air Traffic Management, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

33 credit hours and a portfolio, or 33 credit hours and a thesis, or 33 credit hours including the required applied project course (AMT 593).

Required Core (12 credit hours)

Restricted Electives (3-21 credit hours)

Human Factors Track Option (12 or 15 credit hours)

Aviation Management Track Option (12 or 15 credit hours)

Culminating Experience (0-6 credit hours)

AMT 593 Applied Project (3) or

AMT 599 Thesis (6) or

portfolio (0)

Additional Curriculum Information

The detailed design of the graduate student's program requirements with the selection of the required courses is the responsibility of the student along with the supervisory committee chair and committee members.

Students in this graduate program also have the opportunity to enroll in human systems engineering (prefix HSE) and technological entrepreneurship and management (prefix TEM) graduate courses. Students may focus their study on courses that best prepare them for their career or for the next step in their educational process.

Applied project students complete 15 credit hours (five track courses) and thesis students complete 12 credit hours (four track courses) selected in consultation with an advisor. In addition, three credit hours of AMT elective coursework are chosen in conjunction with the student's advisor or committee. Students who do not select a track complete 15 or 18 credit hours from the restricted electives list or other courses approved by the student's supervisory committee. All students in the aviation management and human factors concentration must take at least five AMT graduate courses.

The portfolio option demonstrates a high level of mastery of the principals and practice of aviation management and human factors through a compilation of work that the student completes through the course of their graduate study. While the specific details depend on the student's specialization, all portfolios must describe three notable projects or academic accomplishments that the student has completed through the course of graduate study that illustrate the evolution and advancement of the student's technical expertise and mastery of the field of aviation management and human factors. The submission must include a written document that includes an overview of graduate experience and descriptions of projects presented in the portfolio.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants must submit:

- graduate admission application and application fee
- official transcript from each college or university attended
- official GRE general exam scores
- personal statement
- professional resume
- three letters of recommendation
- proof of English proficiency

Additional Application Requirements

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Applicants should see the Graduate Admission Services website at <https://admission.asu.edu/international/graduate/english-proficiency> ([https://admission.asu.edu/international/graduate/english-proficiency" target="_Blank](https://admission.asu.edu/international/graduate/english-proficiency)). Global Launch at ASU offers an online alternative to standardized testing for international students who are seeking admission to ASU but need proof of English proficiency. <https://learnenglish.asu.edu/online/admission> (<https://learnenglish.asu.edu/online/admission>)

If the applicant does not meet the minimum GPA requirements, the application may still be considered. In certain cases, demonstrated aptitude through professional experience or additional postbaccalaureate education will be considered.

A GRE waiver may be requested if the applicant received a bachelor's degree in a related field from the United States with a cumulative GPA of 3.00 or better. Engineering programs must have a bachelor's degree from an ABET-accredited program. Applicants should email polygrad@asu.edu (<mailto:polygrad@asu.edu>) to request a waiver. Applicants can also submit a GRE waiver request form (https://poly.engineering.asu.edu/wp-content/uploads/2019/05/GRE-Waiver-Request_04.2019.pdf) if they have five years of full-time applicable professional experience. An approved waiver does not guarantee admission.

Contact Information:

Engineering, Ira A. Fulton Schools of
Aviation Programs
<https://poly.engineering.asu.edu/advising/>
WANER 101
polygrad@asu.edu
480-727-4723

Technology (Environmental Technology Management), MSTech (TSMGMSTECH)

Online Degree Search Title: Technology (Environmental Technology Management), MSTech

Campus: Polytechnic

ASU is no longer accepting new students to this program. Please explore Degree Search for other similar program options.

Program Description:

The MSTech degree program with a concentration in environmental technology management provides students with a background in the sciences, engineering, environmental science, natural resource management, industrial hygiene or other affiliated areas with the regulatory and technical background to manage complex environmental problems.

Graduate courses are available in a traditional face-to-face format as well as web-based distance learning. While the faculty and program are based at the Polytechnic campus, the entire program can be completed online. It is possible to complete the program within two years, including summers. Most students are working professionals and are able to finish the degree while working full time.

The curriculum includes courses on topics such as:

- air pollution
- chemistry of hazardous materials
- environmental health
- environmental law
- hazardous waste management
- industrial hygiene
- international environmental law and policy
- soil and groundwater contamination
- solid waste management
- sustainable development
- toxicology
- tribal environmental and resource management

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Environmental and Resource Management, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

33 credit hours and a thesis, or 33 credit hours and a written exam, or 33 credit hours including the required applied project course (ETM 593 or

ERM 593), or 33 credit hours including the required written comprehensive exam.

Required Core (12 credit hours)

Approved Electives (15-21 credit hours)

Research (0-3 credit hours)

ETM 592 Research

Culminating Experience (0-6 credit hours)

ETM 593 Applied Project (3) or

ETM 599 Thesis (6) or

written comprehensive exam (0)

Additional Curriculum Information

Concentration area coursework includes 12 credit hours of core classes and 15 credit hours of approved electives in addition to six credit hours of ETM 599 Thesis or ETM 593 Applied Project and ETM 592 Research. The research requirement is for students completing an applied project. The written comprehensive exam option requires 12 credit hours of core classes and 21 credit hours of approved electives to reach the 33 credit hours required for the program.

Supporting coursework includes the following areas of study:

- air pollution
- environmental chemistry
- environmental health
- environmental management leadership
- hazardous waste management
- homeland security
- international environmental law and policy
- international environmental management
- soils and groundwater contamination
- sustainability and sustainable development
- sustainable solid waste systems
- tribal environmental resource management
- water and wastewater treatment technologies
- water resource management

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants must submit all the items below to complete an application file. Incomplete files will not be reviewed or considered until complete.

- graduate admission application and application fee
- official transcript from each college or university attended
- official GRE general exam scores
- statement of purpose (maximum of 600 words)
- current resume
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International applicants can find complete information on the English proficiency exams and other required documents at <https://admission.asu.edu/international/graduate/english-proficiency> (<https://admission.asu.edu/international/graduate/english-proficiency>).

Applicants may opt to submit up to three letters of recommendation.

Students should see the program website for application deadlines. Late applications may still be considered for the same application term or for the next term of admission; however, the department reserves the right to deny or not review a late application.

Admission to the graduate degree program presupposes an adequate preparation in a selected technology at the undergraduate level. The applicant's past work and professional experience are also evaluated and taken into consideration.

Undergraduate coursework of applicants admitted to this program generally includes chemistry, calculus and statistics. Deficiencies for admission to the graduate degree program, if any, are specified at the time of admission.

Undergraduate deficiency courses must be completed within the first year of the graduate program while concurrently enrolled in graduate-level coursework.

Contact Information:

Engineering, Ira A. Fulton Schools of
Environmental and Resource Management
<https://poly.engineering.asu.edu/advising/>
WANER 101
polygrad@asu.edu
480-727-4723

Technology (Graphic Information Technology), MSTech (TSGIMSTECH)

Online Degree Search Title: Technology (Graphic Information Technology), MSTech

Campus: Polytechnic, Online

ASU is no longer accepting new students to this program. Please explore Degree Search for other similar program options.

Program Description:

The MSTech program with a concentration in graphic information technology provides students the opportunity to study within the various areas of graphics and cross media.

Graduates are prepared for management positions in diverse graphic technology industries, such as:

- commercial and technical photography and video
- digital asset management
- digital media production
- front-end web design and development
- motion graphics
- planning and evaluation of cross media content creation and output
- pre-media, digital printing and publishing
- quality assurance
- social media
- usability and user experience

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Applied Science (Graphic Information Technology), BAS
- Applied Science (Internet and Web Development), BAS
- Graphic Information Technology, BS
- Graphic Information Technology (Gaming), BS
- Graphic Information Technology (User Experience), BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

33 credit hours and a portfolio, or 33 credit hours and a thesis, or 33 credit hours including the required applied project course (TMC 593 or GIT 593).

Students are required to complete a minimum of 33 credit hours of graduate coursework. Of the total 33 credit hours, a minimum of 27 credit hours must be 500-level courses and part of the approved program. Additional courses may be assigned by the faculty supervisory committee, depending on the background of the candidate. The minimum degree requirements are as follows:

Applied Project Option
technical area of emphasis (18)

supporting area (9)
research methods course (3)
applied project (3)

Portfolio Option
technical area of emphasis (21)
supporting area (12)
portfolio (0)

Thesis Option
technical area of emphasis (18)
supporting area (9)
thesis (6)

Most graduate degree-seeking students in this program elect to do an applied project rather than a thesis. The applied project generally allows the student to thoroughly explore a graphics-related problem and demonstrate knowledge of the problem, solutions for the problem and suggestions for further explanation of the problem. Another culminating experience option is the portfolio which allows a student to compile work from the graduate coursework and summarize their experience. Students in the ASU Online program must select the applied project or portfolio option.

Courses within the various graphics areas are taught on a rotating basis.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in an applicable master's degree program.

Applicants must submit the following items. Incomplete files will not be reviewed or considered until complete.

- graduate admission application and application fee
- official transcript from each college or university attended
- official GRE general exam scores
- statement of purpose (letter of application)
- current resume
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must meet English proficiency requirements as defined by Graduate Admission Services regardless of current residency. Students should be sure to review the TOEFL, IELTS, or PTE score requirements as their application will not be processed without valid proof of English proficiency. <https://admission.asu.edu/international/graduate/english-proficiency> (<https://admission.asu.edu/international/graduate/english-proficiency>)

The GRE can be waived in some situations. Students should refer to the GRE waiver request (<https://poly.engineering.asu.edu/advising/graduate-students/> (<https://poly.engineering.asu.edu/advising/graduate-students/>)) for more information, and they should note that submitting the GRE waiver request is not a guarantee of approval.

Optionally, applicants may submit two letters of recommendation.

Admission to the graduate degree program presupposes an adequate technical preparation in a selected technology at the undergraduate level. The applicant's past work and professional experience are also evaluated and taken into consideration.

Undergraduate coursework of admitted applicants to this program generally include precalculus and statistics but are not required. Deficiencies for admission to the graduate degree program, if any, are specified at the time of admission and must be completed within the first year of the graduate program while concurrently enrolled in graduate-level coursework.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/graduate/graphic-information-technology-ms/>)

Contact Information:

Engineering, Ira A. Fulton Schools of
Graphic Information Technology
<https://poly.engineering.asu.edu/advising/>
WANER 101
polygrad@asu.edu
480-727-4723

Technology (Management of Technology), MSTech (TSMRMSTECH)

Online Degree Search Title: Technology (Management of Technology), MSTech

Campus: Polytechnic

Program Description:

The MSTech program with a concentration in management of technology prepares students for leadership roles as technically proficient professionals in technology-driven organizations, whether private or public. Students are prepared to successfully transition into leadership positions in their fields of expertise after graduation and to move into a general leadership role outside their areas of technical expertise as their careers grow.

This degree program is open to individuals with a technical undergraduate degree who wish to develop their leadership and management skills to complement their technical expertise. The curriculum is tailored to the needs of the student, ensuring each student obtains basic leadership and management skills.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Engineering (Automotive Systems), BSE
- Engineering (Electrical Systems), BSE
- Engineering (Mechanical Engineering Systems), BSE
- Engineering (Robotics), BSE
- Global Management, BGM
- International Trade, BS
- Technological Entrepreneurship and Management, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

33 credit hours and a portfolio, or 33 credit hours including the required applied project course (TMC 593).

It is expected that graduates of the program possess skills in research and the ability to apply these research skills in practice. To achieve this goal, each student is required to complete OMT 549 Research Techniques and Applications and either TMC 593 Applied Project or Portfolio (0).

Additionally, each student is required to select four courses from the following list: (12 credit hours)

- OMT 503 Marketing Management (3)
- OMT 504 Ethical Issues in Technology (3)
- OMT 540 International Management (3)
- OMT 548 Statistical Methods for Research (3)
- OMT 592 Research (1-3)
- OMT 598 Special Topics (1-4)
- TMC 584 Internship (1-3)

Graduate courses from other majors may be selected with approval from the student's graduate advisory committee; these additional courses are selected to support the student's individual career goals and perceived needs. With the thesis option, courses are chosen to support the student's research topic and research methods. To ensure that all courses taken fit into the plan of study, all students are expected to discuss their tentative plan with their program advisors prior to registering for their first class and they must have an approved plan of study on file by the completion of nine credit hours toward the degree.

Students without a statistics course at the undergraduate level are required to complete an appropriate course during the first semester in the program. This course is in addition to the other requirements for the degree. Additional courses may be required to fulfill deficiencies, based on a review of the applicant's transcripts. Students should contact the department for more information.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Ira A. Fulton Schools of Engineering.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

graduate admission application and application fee
official transcripts from each college or university attended
official GRE general exam scores
personal statement
professional resume
three letters of recommendation
proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Applicants should see the Graduate Admission Services website at <https://admission.asu.edu/international/graduate/english-proficiency> ([https://admission.asu.edu/international/graduate/english-proficiency" target="_Blank](https://admission.asu.edu/international/graduate/english-proficiency)). Global Launch at ASU offers an online alternative to standardized testing for international students who are seeking admission to ASU but need proof of English proficiency. <https://learnenglish.asu.edu/online/admission> (<https://learnenglish.asu.edu/online/admission>)

If the applicant does not meet the minimum GPA requirements, the application may still be considered. In certain cases, demonstrated aptitude through professional experience or additional postbaccalaureate education will be considered.

A GRE waiver may be requested if the applicant received a bachelor's degree in a related field from the United States with a cumulative GPA of 3.00 or better. Engineering programs must have a bachelor's degree from an ABET-accredited program. Applicants should email polygrad@asu.edu (<mailto:polygrad@asu.edu>) to request a waiver. Applicants can also submit a GRE waiver request form (https://poly.engineering.asu.edu/wp-content/uploads/2019/05/GRE-Waiver-Request_04.2019.pdf) if they have five years of full-time applicable professional experience. An approved waiver does not guarantee admission.

Contact Information:

Engineering, Ira A. Fulton Schools of
Tech Entrepreneurship & Mgmt
<https://poly.engineering.asu.edu/advising/>
WANER 101
polygrad@asu.edu
480-727-4723

User Experience, MS (ESUSEXMS)

Online Degree Search Title: User Experience, MS

Campus: Polytechnic

Program Description:

The MS program in user experience combines topics in web, human factors, visual displays and technical communication to make products, systems and services useful, usable and desirable.

Students learn how to research user needs, identify criteria for successful products and services, prototype those products and services, and refine them through usability testing and other user-centered evaluation methods. User experience skills are increasingly valued by industry yet are not typically covered in-depth in traditional engineering or technical communication programs.

Students enhance their employment potential with a master's degree in user experience.

Degree Requirements:

30 credit hours including capstone course GIT 560 or HSE 560 or TWC 560.

Required Core (21 credit hours)

GIT 540 Cross-Media Design Solutions (3)

GIT 542 Usability and User Experience (3)

HSE 521 Methods and Tools in Human Systems Engineering (3)

HSE 542 Foundations of Human Systems Engineering (3)

TWC 501 Fundamentals of Technical Communication (3)

TWC 514 Visualizing Data and Information (3)

TWC 544 User Experience (3)

Electives or Research (6 credit hours)

Culminating Experience (3 credit hours)
GIT 560 Capstone in User Experience (3), or
HSE 560 Capstone in User Experience (3), or
TWC 560 Capstone in User Experience (3)

Additional Curriculum Information

Students should see the academic units for a complete list of approved electives and research courses. Other courses may be used with approval of the academic units.

Students choose one capstone course as the culminating experience for the program.

Admission Requirements:

Applicants must fulfill the requirements of the Graduate College, the Ira A. Fulton Schools of Engineering and the College of Integrative Sciences and Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in related fields such as psychology, graphic information technology, graphic design, human systems engineering, business, cognitive science, design or technical communication, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- personal statement
- professional resume
- writing sample
- GRE scores
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Applicants should see the Graduate Admission Services website at <https://admission.asu.edu/international/graduate/english-proficiency> (<https://admission.asu.edu/international/graduate/english-proficiency>). Global Launch at ASU offers an online alternative to standardized testing for international students who are seeking admission to ASU but need proof of English proficiency. <https://learnenglish.asu.edu/online/admission> (<https://learnenglish.asu.edu/online/admission>)

A GRE waiver may be requested if the applicant received a bachelor's degree in a related field from the United States with a cumulative GPA of 3.00 or better. Engineering programs must have a bachelor's degree from an ABET-accredited program. Applicants should email polygrad@asu.edu (<mailto:polygrad@asu.edu>) to request a waiver. They can also submit a GRE waiver request form (https://poly.engineering.asu.edu/wp-content/uploads/2019/05/GRE-Waiver-Request_04.2019.pdf) if they have five years of full-time applicable professional experience. An approved waiver does not guarantee admission.

Contact Information:

Integrative Sciences and Arts, College of
Human Systems Engineering
<https://poly.engineering.asu.edu/advising/>
WANER 101
polygrad@asu.edu
480-727-4723

Global Futures, College of

Applied Ethics and the Professions (Biomedical and Health Ethics), MA (LAAEPMEMA)

Online Degree Search Title: Applied Ethics (Biomedical and Health Ethics), MA

Campus: Tempe

ASU is not currently accepting applications for this program.

Program Description:

Medicine is infused with moral values and is deeply embedded in a variety of social and cultural contexts which significantly determine the effectiveness of medical care in achieving healthy outcomes for patients and populations. The objective of the biomedical and health ethics concentration in the MA program in applied ethics is to integrate academic and clinical dimensions of moral issues with medical practice and biomedical research.

Students from a broad range of backgrounds are exposed to the internal and external logics of medicine, health care and biotechnology, and they will gain substantive understanding of ethical, cultural and societal issues in a variety of domains through coursework and other experiences. Students deliberate individually and collectively about a wide range of issues and problems in contemporary medicine and the history of medicine; develop advanced critical normative reasoning and judgment capacities; and cultivate effective communication skills for academic, clinical and policy contexts.

Degree Requirements:

30 credit hours including the required applied project course (AEP 593).

Required Core (3 credit hours)

AEP 501 Practical and Professional Ethics (3)

Concentration (3 credit hours)

BIO 516 Foundations of Bioethics (3)

Concentration Electives (18 credit hours)

Culminating Experience (6 credit hours)

AEP 593 Applied Project (6)

Additional Curriculum Information

Electives are related to the concentration study. Students must request approval from the chairperson of the degree program prior to selecting elective coursework.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the College of Global Futures.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- personal statement of interest and qualification
- resume
- two letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

GRE scores are not required.

Contact Information:

Global Futures, College of

School for the Future of Innovation in Society

<https://sfis.asu.edu/AEP-BHE-welcome>

INTDSB 256

sfisgrad@asu.edu

480-727-9498

Online Degree Search Title: Applied Ethics (Science, Tech and Ethics), MA

Campus: Tempe

ASU is not currently accepting applications for this program.

Program Description:

The science, technology and ethics concentration of the MA degree program in applied ethics and the professions focuses on the ethical issues that arise from the multiple challenges involved in balancing economic, technological, environmental, social and cultural development in a world increasingly affected by science and technology. It provides the student with a general background in ethics and ethical systems with an emphasis on ethical issues in science and technology. The program also exposes students to new challenges posed by rapidly evolving sociotechnical systems in such areas as:

- energy, environment and development
- genetic engineering and biotechnology
- information and communication technology
- nanotechnology
- risk assessment
- technology and security

Degree Requirements:

30 credit hours including the required applied project course (AEP 593).

Required Core (3 credit hours)

AEP 501 Practical and Professional Ethics (3)

Concentration (3 credit hours)

HSD 598 Topic: Science, Technology and Ethics (3)

Concentration Electives (18 credit hours)

Culminating Experience (6 credit hours)

AEP 593 Applied Project (6)

Additional Curriculum Information

Electives are related to the concentration study. Students must request approval from the chairperson of the degree program prior to selecting elective coursework.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the College of Global Futures.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- resume
- personal statement of interest and qualification
- two letters of recommendation
- proof of English language proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

GRE scores are not required.

Contact Information:

Global Futures, College of

School for the Future of Innovation in Society
<https://sfis.asu.edu/AEP-STE-welcome>
INTDSB 256
sfisgrad@asu.edu
480-727-9498

Biomimicry, MS (LABMYMS)

Online Degree Search Title: Biomimicry, MS

Campus: Online

Program Description:

The MS in biomimicry, the practice of emulating nature's strategies for human designs, is offered at ASU in conjunction with Biomimicry 3.8. Designed to empower change agents passionate about a world mentored by life's genius, graduates work toward innovative and sustainable solutions to pressing global challenges, exploring the way business is conducted, buildings and products are designed, governments are run, health care is provided, and goods are manufactured to how future generations will be educated --- all inspired by nature's time-tested sustainable solutions developed over the last 3.8 billion years.

The Master of Science program in biomimicry is designed to prepare students to facilitate the practice of biomimicry across corporate, government, education and nongovernment organization sectors. In addition to core content and electives, students gain biomimicry experience in biome-based applications, business case studies, biological strategy research and in each participant's self-designed biomimicry project in the student's chosen career field. For more information, prospective students should visit <http://biomimicry.asu.edu/> (<http://biomimicry.asu.edu/>).

Degree Requirements:

30 credit hours and a portfolio.

Required Core (13 credit hours)

BMY 501 Essentials of Biomimicry (1)

BMY 502 Life's Principles (4)

BMY 503 Biology Taught Functionally (4)

BMY 504 Biomimicry Thinking (4)

Electives or Research (11 credit hours)

Other Requirements (6 credit hours; choose 3)

BMY 530 Virtual Design Lab Practicum (2)

BMY 580 Topic: BioBrainstorm Practicum (2)

BMY 580 Topic: Biomimicry Case Study Practicum (2)

BMY 580 Topic: Biomimicry Genius of Place Practicum (2)

Culminating Experience
portfolio

Additional Curriculum Information

For electives or research, students should contact the academic unit for the approved course list.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the College of Global Futures.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants must submit the following:

- graduate admission application and application fee
- official transcripts
- questionnaire (to be filled out and uploaded)
- curriculum vitae or resume
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/graduate/master-science-biomimicry/>)

Contact Information:

Global Futures, College of
School of Complex Adaptive Systems
<http://biomimicry.asu.edu/>
CDS 126
Biomimicry@asu.edu
480-727-0478

Biomimicry (Certificate), Certificate (LABMYGRCT)

Online Degree Search Title: Biomimicry (Graduate Certificate)

Campus: Online

Program Description:

The graduate certificate program in biomimicry, the practice of emulating nature's strategies for human designs, is offered at ASU in conjunction with Biomimicry 3.8.

The program is designed to introduce and delve into the core fundamentals of biomimicry, such as Biomimicry Thinking and Life's Principles with the intention to apply the knowledge and tools to one's specific interests or discipline. It is best suited for individuals with an established career who wish to bring biomimicry to that career. Participants have the opportunity including mentorship to explore the application of these core fundamentals in their own discipline, field or area of interest during the biomimicry Virtual Design Lab as their culminating project.

Graduates have the ability to work toward innovative and sustainable solutions within their discipline, emulating nature's time-tested sustainable solutions evolved over the last 3.8 billion years.

Degree Requirements:

15 credit hours.

Required Core (13 credit hours)

BMV 501 Essentials of Biomimicry (1)

BMV 502 Life's Principles (4)

BMV 503 Biology Taught Functionally (4)

BMV 504 Biomimicry Thinking (4)

Other Requirement (2 credit hours)

BMV 530 Virtual Design Lab Practicum (2)

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the College of Global Futures.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program

Applicants must submit the following:

- graduate admissions application and application fee
- official transcripts
- fill out and upload questionnaire
- curriculum vitae or resume
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/certificates/graduate-certificate-biomimicry/>)

Contact Information:

Global Futures, College of
School of Complex Adaptive Systems
<http://biomimicry.asu.edu/>
CDS 126
Biomimicry@asu.edu
480-727-0478

Complex Adaptive Systems Science (certificate), Certificate (SUCASGRCT)

Online Degree Search Title: Complex Adaptive Systems Science (Graduate Certificate)

Campus: Downtown Phoenix, Polytechnic, Tempe

Program Description:

Complex adaptive systems science is the study of interactive and dynamic systems that change over time, producing their own emergent properties. The complex adaptive systems science graduate certificate can be pursued along with any doctoral degree program at Arizona State University. Students in the certificate program pursue their chosen field of study while addressing complex global challenges.

The program aims to train the next generation of scientists in advanced concepts and methods needed for approaching diverse phenomena in the social and life sciences. The program is tightly integrated with diverse, ongoing, university-wide research on complex adaptive system science at Arizona State University and emphasizes the value of a complex adaptive systems perspective to give science better insight and a more active role in seeking solutions to a broad array of critical issues facing our society today. Students become fluent in the common language of complexity while also receiving a solid foundation in the domain knowledge of existing academic disciplines.

Students pursuing the certificate must have a complex adaptive systems science faculty member on their supervisory committee.

Degree Requirements:

15 credit hours.

Required Core (12 credit hours)

Electives (3 credit hours)

Additional Curriculum Information

Students should contact the academic unit about appropriate coursework.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the College of Global Futures.

Applicants are eligible to apply to the program if they are either enrolled in or accepted into an ASU doctoral degree program and they must be in good standing within the program.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admissions application and application fee
- official transcripts
- statement of intent
- letter of support from an ASU faculty member (for existing ASU students) or other faculty member (for incoming students)
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

Contact Information:

Global Futures, College of
School of Complex Adaptive Systems

<https://schoolofsustainability.asu.edu/degrees-and-programs/certificates/complex-adaptive-systems-science-graduate-certificate/>

ECA 101

SOSGradSunDevil@asu.edu

480-727-9746

Energy and Sustainability (certificate), Certificate (SUERGRCT)

Online Degree Search Title: Energy and Sustainability (Graduate Certificate)

Campus: Tempe

Program Description:

The global energy system is a complex socio-technical system. Leaders in sustainable energy require a transdisciplinary perspective that combines technical, economic, social and policy dimensions of energy systems. The certificate in energy and sustainability is designed to train students from diverse educational backgrounds to see beyond the boundaries of traditional methodologies and disciplinary viewpoints, enabling them to integrate technological knowledge with societal insights.

Graduates of the program have a basic understanding of sustainable energy technology and systems, including social dimensions such as markets and policies. They understand energy transitions as a dynamic socio-technical process, and they are able to perform analyses of energy generation, consumption and costs, and how these metrics can be utilized in policy discussions.

Degree Requirements:

Required Core (6 credit hours)

SOS 572 Sustainable Energy Transitions (3)

SOS 574 Data Analytics for Sustainable Energy (3)

Electives (9 credit hours)

technical fundamentals of energy systems elective (3)

policy and governance of energy systems elective (3)

restricted elective (3)

Additional Curriculum Information

Students should contact the academic unit for the most recent approved elective coursework. Other coursework may be used with approval of the academic unit.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the College of Global Futures.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:

- graduate admission application and application fee
- official transcripts
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

Contact Information:

Global Futures, College of

School of Sustainability

<https://schoolofsustainability.asu.edu/degrees-and-programs/graduate-degrees-programs/>

WGHL 108

SOSGradSunDevil@asu.edu

480-727-6963

Environmental and Sustainability Economics (Certificate), Certificate (SUESECGRCT)

Online Degree Search Title: Environmental and Sustainability Economics (Graduate Certificate)

Campus: Downtown Phoenix, Polytechnic, Tempe

Program Description:

The graduate certificate program in environmental and sustainability economics provides training in the economic theory and quantitative modeling tools of environmental and resource economics. ERE provides an approach to evaluate the consequences, social benefits and costs of changes to markets and environmental policies.

Prospective students for this certificate include master's and doctoral students in fields with a sustainability, environmental science or policy focus, including sustainability, public affairs, biology, environmental social science, applied mathematics and agribusiness, where training in ERE may be complementary to research interests or career development.

Graduates of the certificate program are able to identify and evaluate the economic assumptions embedded in policy analyses and recommendations, critically evaluate the validity of publications in environmental and resource economics, apply economic modeling approaches to real-world cases, and utilize econometric techniques to generate predictions and test hypotheses using applied economic models.

Degree Requirements:

17 credit hours.

Required Core (5 credit hours)

SOS 512 Environmental and Resource Economics (3)

SOS 529 Research Seminar in Environmental and Sustainability Economics (2)

Electives (12 credit hours)

Additional Curriculum Information

Students choose one elective course in each of the following categories: microeconomic theory, statistical and econometric modeling, environmental and resource economics, and modeling and empirical methods.

Students should see the academic unit for a list of approved electives.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the College of Global Futures.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts

- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission be considered for admission to this certificate program.

Prerequisite coursework: None. However, it is strongly recommended that students have at least one semester of calculus or the equivalent such as MAT 251 Calculus for Life Sciences, MAT 265 Calculus for Engineers or SOS 211 Calculus and Probability.

Contact Information:

Global Futures, College of
School of Sustainability

<https://schoolofsustainability.asu.edu/degrees-and-programs/certificates/environmental-and-sustainability-economics-certificate/>

WGHL 108

SOSGradSunDevil@asu.edu

480-727-6963

Food Policy and Sustainability Leadership (certificate), Certificate (SUFPSLGRCT)

Online Degree Search Title: Food Policy and Sustainability Leadership (Graduate Certificate)

Campus: Tempe, Online

Program Description:

The certificate program in food policy and sustainability leadership trains students in food policy, from understanding policy-making broadly to developing specific, master-level skills that allow them to effectively navigate legislative, budgetary and administrative governmental processes. This empowers students to grapple with real-life complexities and become effective agents of change.

Students are exposed to contemporary food policy issues and are required to choose a food policy issue in which, with faculty assistance, they become an expert.

This certificate program allows students to self-schedule work with the exception of weekly calls with their professor, and also requires students to spend a week meeting with food producers in Arizona and a week meeting with policymakers in Washington D.C. Students participate in research projects and professional presentations that contribute to food policy knowledge among sustainable food system advocates.

Degree Requirements:

15 credit hours including the required capstone course (SFS 565).

Required Core (12 credit hours)

SFS 560 Tools and Tactics for Food Policy Change (3)

SFS 561 Food and Farm Immersion Experience (2)

SFS 562 Managing Natural Resources for Food Production (3)

SFS 563 Applied Food Policy Immersion Experience (2)

SFS 564 American Agriculture in the Global Context (2)

Culminating Experience (3 credit hours)

SFS 565 Organizational Leadership (3)

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the College of Global Futures.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of a student's first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:

- graduate admission application and application fee
- official transcripts

- two letters of recommendation
- professional resume
- personal statement
- two years professional experience in food and agriculture
- Interview (in-person or virtual)
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission be considered for admission to this certificate program.

The personal statement should not exceed 1,500 words, and it should describe a food policy issue of interest to the applicant and why the applicant thinks that engaging in policy is important as it relates to this issue.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/certificates/sustainable-food/>)

Contact Information:

Global Futures, College of

School of Sustainability

<https://schoolofsustainability.asu.edu/degrees-and-programs/graduate-degrees-programs/>

WGHL 108

SOSGradSunDevil@asu.edu

480-727-6963

Global Development and Innovation (Certificate), Certificate (FIGDIGRCT)

Online Degree Search Title: Global Development and Innovation (Graduate Certificate)

Campus: Tempe, Online

Program Description:

The graduate certificate in global development and innovation responds to the knowledge and skills gap that development practitioners often struggle with globally. It provides current and critical perspectives as well as analytical and practical skills to address some of today's most pressing global challenges including inequality, sustainability and poverty.

Program graduates will acquire an understanding of the main debates in global development and will be able to engage in informed and critical ways with professionals from a range of development backgrounds.

Degree Requirements:

15 credit hours.

Required Core (6 credit hours)

GTD 501 Global Technology and Development (3)

GTD 511 Development Policy and Practices (3)

Electives (9 credit hours)

Additional Curriculum Information

Students select nine credit hours from a restricted elective list. This list can change and increase over time as needed with unit director approval.

Students may select a maximum of three one-credit courses toward fulfillment of the total of nine credit hours. Students should see the academic unit for a complete list of approved electives.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the College of Global Futures.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution or the equivalent from an international institution that is officially recognized by that country.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or

applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- personal statement
- resume
- official transcripts
- two letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Acceptable proof consists of a TOEFL score of at least 550 (PBT) or 80 (iBT), an IELTS overall band score of at least 6.5 with no band below 6.0, or a Pearson Test of English score of at least 60. The most current requirements are available at <https://admission.asu.edu/international/graduate/english-proficiency> (<https://admission.asu.edu/international/graduate/english-proficiency>).

International students who need an F1 or J1 visa first need to apply to and be accepted into a master's degree or doctoral degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission be considered for admission to this certificate program.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/certificates/global-development-and-innovation-graduate-certificate/>)

Contact Information:

Global Futures, College of

School for the Future of Innovation in Society

<https://sfis.asu.edu/degree-programs/graduate-programs/certificates/global-development-innovation/welcome>

INTDSB 256

sfisgrad@asu.edu

480-965-6584

Global Sustainability Science, MS (SUGSUSMS)

Online Degree Search Title: Global Sustainability Science, MS

Campus: Tempe

Program Description:

The MS in global sustainability science is a two-year collaborative degree program offered jointly by Arizona State University and Leuphana University of Luneburg, Germany. Students who participate in the program earn a Master of Science in global sustainability science from ASU and a Master of Science in global sustainability science from Leuphana University.

Students from both universities collaborate throughout the program and spend one semester together at Leuphana in Luneburg as well as one semester together at ASU in Tempe, Arizona. The program culminates with a capstone project resulting in a publishable scientific journal article. Students have the opportunity to engage with sustainability problems and solutions in an international setting.

The program focuses on value-oriented and transformational aspects of sustainability, linking research with practical implementation of sustainability solutions. Project-based learning offers students opportunities to conduct their research on real-world sustainability solutions in collaboration with stakeholders and professionals. In addition, the program facilitates intercultural collaboration, which prepares graduates for working in internationally operating institutions and organizations.

Degree Requirements:

41 credit hours including Capstone Course SOS 596.

Required Core (17 credit hours)

SOS 510 Perspectives on Sustainability (3)

SOS 511 Advanced Sustainability Problem Solving (3)

SOS 525 Social-Ecological-Technical Systems (SETS): Domains and Interfaces (3)

SOS 557 Global Sustainability Research Preparation (1)

SOS 558 Global Sustainability Research Project (3)

SOS 559 Global Sustainability Science Perspectives Seminar (1)

SOS 581 Synthesis for Sustainability Research (3)

Methods Elective (3 credit hours)

Open Electives (15 credit hours)

Culminating Experience (6 credit hours)

SOS 596 Capstone: Scientific Paper (6)

Additional Curriculum Information

Students should see the academic unit for elective coursework approval.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the College of Global Futures.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.25 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.25 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- GRE scores
- three letters of recommendation
- letter of intent or written statement
- professional resume
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Applicants not meeting the minimum GPA requirement may still be considered, although the college will require a GPA petition

References should be from educators (this is preferred) or professionals familiar with the applicant's experience and capability for graduate work. It is highly recommended that the recommendations are academic in nature and address the applicant's experience and potential for success in a graduate program; however, professional recommendations also are accepted. If possible, at least one recommendation should be academic in nature.

All applicants must upload a statement of intent when completing the online application. In no more than 600 words, applicants must explain the goals they intend to achieve through their program of study at the College of Global Futures. Applicants should describe how their background will contribute to their success in the program and how completion of the degree program will support their long-term career goals. Finally, applicants should elaborate on key research questions they wish to address or problems they wish to solve as part of their program of study and identify potential faculty advisors

GRE scores are required but may be waived for students already enrolled at Leuphana University of Luneburg.

Contact Information:

Global Futures, College of

School of Sustainability

https://schoolofsustainability.asu.edu/degrees-and-programs/graduate-degrees-programs/master-science-global-sustainability-science-degree/WGHL_108

SOSGradSunDevil@asu.edu

480-727-6963

Global Technology and Development, MS (LSGTDMS)

Online Degree Search Title: Global Technology and Development, MS

Campus: Tempe, Online

Program Description:

The MS in global technology and development is a program in international development that examines social, economic and political aspects of development and change. It highlights the variables of technology and innovation in these development processes and analyzes change within the context of the current era of globalization. One of the central concerns addressed in the program is the global disparity in wealth and access to resources and basic needs, both between and within countries.

Students are encouraged to pursue unique research questions, in the developed or the developing worlds, which engage them in social science research on issues related to technology and human socioeconomic and political development. Students take theoretical, research, policy and regional studies courses to prepare for the master's degree culminating experience.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Innovation in Society, BS
- Innovation in Society, BA
- Technological Entrepreneurship and Management, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

30 credit hours including the required applied project course (GTD 593).

Required Core (3 credit hours)

GTD 511 Development Policies and Practices (3)

Other Requirements (12 credit hours)

GTD 501 Global Technology and Development (3)

GTD 503 Technology and the International Political System (3)

GTD 505 Research Design in Technology and Development (3)

GTD 506 Quantitative Analysis in Technology and Development (3)

Restricted Electives (12 credit hours)

Culminating Experience (3 credit hours)

GTD 593 Applied Project (3)

Additional Curriculum Information

For the approved electives course list, students should contact the academic unit. Other requirement courses may be substituted with approval of the academic unit.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the College of Global Futures.

Applicants are eligible to apply to the program if they have earned a bachelor's degree from a regionally accredited college or university recognized by ASU in a related field such as political science, international relations, sociology, anthropology, economics, business, education, technology, engineering, life sciences, foreign languages or literature (i.e., topics related to global development, culture or socioeconomic institutions).

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- personal statement
- two letters of recommendation
- resume
- proof of English language proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. A TOEFL score is required. Applicants should visit <https://admission.asu.edu/international/graduate/english-proficiency> (<https://admission.asu.edu/international/graduate/english-proficiency>) for more information.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/graduate/master-science-global-technology-development/>)

Contact Information:

Global Futures, College of
School for the Future of Innovation in Society
<https://sfis.asu.edu/GTD-welcome>
INTDSB 256
sfisgrad@asu.edu
480-965-6584

Global Technology and Development (Applied International Development), MS (FIGTDAIDMS)

Online Degree Search Title: Global Technology and Development (Applied International Development), MS

Campus: Online

Program Description:

The concentration in applied international development under the MS in global technology and development provides a curriculum focused on applied skills and practices in international development and includes specializations contributed by other units; this differs from the current theory and research-driven degree.

The program allows professionals, whether early in their careers or experienced, to develop and enhance skills in planning, management, analysis and evaluation in development practice. Students in the program select an area to specialize in, such as education, health, business, management and community development, which allows them to directly apply this knowledge to a relevant sector. Learning outcomes emphasize enhanced skills in analysis, critical thinking and the ability to apply knowledge to development-related challenges.

Degree Requirements:

30 credit hours including an applied project (GTD 593).

Required Core (3 credit hours)

GTD 511 Development Policy and Practices (3)

Concentration (9 credit hours)

GTD 501 Global Technology and Development (3)

GTD 503 Technology and the International Political System (3)

GTD 504 Technology and Development in Zones of Conflict (3)

GTD 505 Research Design in Technology and Development (3)

GTD 506 Quantitative Analysis in Technology and Development (3)

GTD 508 Technology and Development in Latin America (3)

NLM 520 Financial and Resource Management (3)

NLM 530 Program Evaluation and Information Management (3)

Specialization Electives (15 credit hours)

Culminating Experience (3 credit hours)

GTD 593 Applied Project (3)

Additional Curriculum Information

Students select three courses from the concentration list for a total of nine credit hours.

Students may take elective courses in an area of interest from a variety of ASU Online academic programs such as business, management, education, community development and health. Students should see the academic unit for available specializations and approved course list.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the College of Global Futures.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in global development, education, business, health, management, community development or a related field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee

- official transcripts
- letter of intent or written statement
- two letters of recommendation
- resume
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

A personal statement of purpose of one to two pages is required for admission as well as two letters of recommendation, either academic or professional. While the GRE is not required, the statement of purpose is a significant factor in the application process, and it should address the background and capabilities of the applicant as well as the applicant's interest in the program.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/graduate/global-technology-development-applied-international-development-ms/>)

Contact Information:

Global Futures, College of

School for the Future of Innovation in Society

<https://sfis.asu.edu/degree-programs/graduate-programs/masters-programs/global-technology-development-applied>

INTDSB 256

sfisgrad@asu.edu

480-965-6584

Human and Social Dimensions of Science and Technology, PHD (GCHSDSTPHD)

Online Degree Search Title: Human and Social Dimensions of Science and Technology, PhD

Campus: Tempe

Program Description:

This program prepares students to teach and conduct research using humanistic and social science methods on the social, historical, philosophical and policy foundations of science and technology as well as their current and future interactions with society.

The PhD program in human and social dimensions of science and technology responds to growing demand for transdisciplinary research in the humanities, information sciences and social sciences that can provide insights into the dynamic relationship between science, technology and society.

The program is flexible, combining a strong, integrated, first-year experience with substantial freedom for students who, in conjunction with their advisors, design carefully crafted plans of study relevant to their own areas of specialization and expertise. Unique among programs of this kind in the nation, students also learn to communicate and work with scientists, engineers, policymakers, business and community officials, or the public in conducting and applying research.

Degree Requirements:

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (8 credit hours)

HSD 601 HSD I: Human Dimensions of Science and Technology (4)

HSD 602 HSD II: Science, Power and Politics (4)

Culminating Experience (12 credit hours)

HSD 799 Dissertation (12)

Additional Curriculum Information

This is a research degree, culminating in a dissertation, which must draw on multiple disciplinary perspectives.

Students may apply up to 30 credit hours from a prior master's degree toward the total hour requirement, upon approval of the steering committee. Each student, with his or her supervisory committee, develops a unique plan of study, which the student's supervisory committee approves.

Each student completes a yearlong core seminar, a second-year research project, two major fields, one minor field, methods training, electives and research. Students also regularly attend the program colloquia. There are no foreign language or statistics requirements, except as needed for a particular student's selected dissertation project.

Comprehensive Examination

The written dissertation prospectus and its oral defense constitute the written and oral comprehensive examinations required by the Graduate College for advancement to candidacy. Each student develops a written dissertation prospectus, including a bibliography and discussion of relevant research skills. The student makes an oral defense of the dissertation prospectus to his or her supervisory committee, which must approve the prospectus. Students normally complete the dissertation prospectus and its defense in the fifth semester.

Dissertation

The dissertation represents an original body of research that contributes to existing knowledge in a significant way.

Final Examination

Upon completing the dissertation, the student makes an oral defense of the dissertation to the supervisory committee, which must approve the dissertation. The doctorate is granted upon successful completion of the oral defense and any revisions to the dissertation required by committee members.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the College of Global Futures.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- HSD academic record form
- a curriculum vitae or resume
- a personal statement
- a writing sample
- general GRE scores
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. In order to meet English proficiency students must have an IELTS overall band score of at least 6.5 with no band below 6.0, or Pearson Test of English score of at least 60, or a TOEFL score of at least 550 (PBT) or 80 (iBT). ASU's institutional code is 4007. ASU only accepts electronic copies of the TOEFL score report.

Preference is given to students with demonstrated interest and competence in relevant areas of intellectual work.

The personal statement should be one or two single-spaced pages. It must be a statement of proposed research that clearly explains why the student feels ASU is the appropriate place to pursue their doctorate, identifies one or more faculty members whose interests or work are relevant to the student's proposed research, and describes the goals for pursuing the degree.

The writing sample should be a 10- to 25-page sample of academic writing, such as a course paper, an undergraduate thesis, or an excerpt from a master's thesis.

Students should see the program website for application deadlines.

Contact Information:

Global Futures, College of
School for the Future of Innovation in Society
<https://sfis.asu.edu/hsd-welcome>
INTDSB 256
sfisgrad@asu.edu
480-727-9498

Innovation in Global Development, PHD (FIIGDPHD)

Online Degree Search Title: Innovation in Global Development, PhD

Campus: Tempe

Program Description:

The PhD program in innovation in global development emphasizes critical and diverse perspectives on global development and innovative policies and practices that challenge the status quo. This research based program is both rigorous and flexible, designed to meet the needs of a diverse set of students committed to a vision of development that values context, inclusivity and equity and is socially, culturally and ecologically sensitive.

Students emerge from this program equipped with the comprehensive research capabilities, critical thinking skills, leadership skills and global perspectives required to navigate complex development challenges in a way that reduces inequalities and builds a more sustainable and inclusive future.

Degree Requirements:

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (17 credit hours)

GTD 505 Research Design in Technology and Development (3)

IGD 601 Re-Thinking Global Development (4)

IGD 602 Innovation for Inclusive Development (4)

IGD 603 Methods for Research in Global Development (4)

IGD 604 Colloquium in Innovation in Global Development (2)

Electives or Research (55 credit hours)

Culminating Experience (12 credit hours)

IGD 799 Dissertation (12)

Additional Curriculum Information

Students are required to take IGD 604 once for two credits as a core course requirement. They may take it one additional time for two more credits that can be used towards electives.

Elective courses are chosen based on the students' area of interest and approval from their committee. Other electives may be used with approval of the academic unit.

When approved by the student's supervisory committee and the Graduate College, this program may allow up to 30 credit hours from a previously awarded master's degree to be used for this program. If students do not have a previously awarded master's degree, the remaining coursework is made up of electives and research.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the College of Global Futures.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in anthropology, natural resource management, agriculture development, political science, development studies, economics, development management, rural development, technology and development, sociology, science and technology or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:

- graduate admission application and application fee
- official transcripts
- letter of intent or written statement
- professional resume
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Contact Information:

Global Futures, College of

School for the Future of Innovation in Society

<https://sfis.asu.edu/degree-programs/graduate-programs/phd/innovation-global-development-igd/welcome>

INTDSB 256

Nonfiction Writing and Publishing (Certificate), Certificate (LANWPGRCT)

Online Degree Search Title: Nonfiction Writing and Publishing (Graduate Certificate)

Campus: Downtown Phoenix, Polytechnic, Tempe, West

Program Description:

The graduate certificate program in nonfiction writing and publishing is based on the belief that the work done within the university is most impactful when it can be shared --- in a clear and compelling way --- with audiences beyond chosen fields of research.

In this interdisciplinary certificate program, graduate students read, study and write narrative nonfiction, from literary journalism to op-eds and from explanatory essays to memoirs. Students learn how to analyze the craft and stylistic decisions of professional and literary nonfiction writers and utilize these skills in their own writing. They learn how to write effectively for specific audiences outside of academia and learn how get their work published.

This program's faculty teach scholars and students to produce vivid writing that connects with a larger public as well as the most effective ways to get their writing out into the world, be it through blogs, online or print publications, trade books, or film and television.

The certificate program is open to graduate students with a background in the humanities and those in biomedicine, the techno-sciences and other fields who want to write eloquently, persuasively and memorably about their research or professional experiences.

Degree Requirements:

15 credit hours.

Required Core (6 credit hours)

HSD/HPS/HST 520 Masters of Nonfiction (3)

HSD 521 Writing True Stories that Matter (3)

Electives (9 credit hours)

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the College of Global Futures.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution. Applicants who attended school outside of the U.S. must hold a bachelor's degree, graduate degree or equivalent from an institution that is officially recognized by that country.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours or 90 quarter hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- writing sample
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

Applicants are encouraged to enroll in a graduate degree program in conjunction with this certificate but are not required to do so.

Contact Information:

Global Futures, College of
School for the Future of Innovation in Society
<https://sfis.asu.edu>
INTDSB 256

Public Interest Technology, MS (FIPITCHMS)

Online Degree Search Title: Public Interest Technology, MS

Campus: Online

Program Description:

The MS program in public interest technology asks a fundamental question: How can technology be used for good? When studying the public interest, it is vital to understand how new technologies pose new challenges and opportunities to society.

Students in this program acquire the ability to work in cross-disciplinary teams and gain a fluency that permeates technology and society issues and solutions. Graduates are able to think analytically, design new systems and processes, and gain exposure to emerging technologies that can make a difference in how government agencies, non-government organizations, not-for-profits and private companies emphasize social impact. People working in this space ask communities what their needs are first, using a co-design approach to innovation with cultural awareness and values in mind.

Public interest technologies are relevant to all entities who seek to embed the goals of technology assessment, social justice, sustainability and environmental justice in their products and processes.

Degree Requirements:

30 credit hours including an applied project (PIT 593).

Required Core (12 credit hours)

PIT 501 Principles of Public Interest Technology (3)

PIT 502 Co-designing the Future (3)

PIT 503 Technology Impact Assessments (3)

PIT 504 Public Engagement Strategies (3)

Electives (15 credit hours)

Culminating Experience (3 credit hours)

PIT 593 Applied Project (3)

Additional Curriculum Information

Students should see the academic unit for the current elective course list. The elective list may change over time as new courses become available. Students must meet any prerequisites for the course in order to register for it or receive permission from the Master of Science in public interest technology degree program chair and the instructor of the course.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the College of Global Futures.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in computer science, public administration, engineering, business or marketing or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:

- graduate admission application and application fee
- official transcripts
- professional resume

- written statement
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/graduate/public-interest-technology-masters/>)

Contact Information:

Global Futures, College of
School for the Future of Innovation in Society
<https://sfis.asu.edu>
INTDSB 256
sfisgrad@asu.edu
480-727-8787

Responsible Innovation in Science, Engineering and Society (certificate), Certificate (GCRSESGRCT)

Online Degree Search Title: Responsible Innovation in Science, Engineering and Society (Graduate Certificate)

Campus: Tempe

Program Description:

The certificate program in responsible innovation in science, engineering and society is designed for scientists, engineers, research managers, technology officers, public administrators and policy officials who seek to advance science and technology to improve societal outcomes and to develop creative solutions to the fundamental global challenges of the 21st century.

The program provides knowledge, skills and methods for analyzing innovation and technological systems; knowledge and uncertainty in decision-making; the regulation and governance of science and technology; the uptake of science and technology in complex societal settings; and interactions between science, technology and the public.

The certificate may be pursued by professionals in industry or government or by graduate students pursuing their Arizona State University degree program.

Degree Requirements:

15 credit hours including the required capstone course HSD 580.

Required Core (3 credit hours)

HSD 540 Responsible Innovation and Research (3)

Electives (9 credit hours)

Culminating Experience (3 credit hours)

HSD 580 Practicum (3)

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the School for the Future of Innovation in Society.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- two letters of recommendation
- resume
- personal statement
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Acceptable proof of English proficiency is an IELTS overall band score of at least 6.5 with no band below 6.0 (no institutional code needed); or a Pearson Test of English score of at least 60; or a TOEFL score of at least 550 (PBT) or 80 (iBT). Students should note that the ASU institutional code for the TOEFL is 4007. Also, students should note that ASU only accepts electronic copies of the TOEFL score report.

International students who need an F1 or J1 visa first need to apply to and be accepted into a master's or doctoral program prior to being considered for the certificate program. International students residing in the U.S. on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

Applicants should see the program website for application deadlines.

Contact Information:

Global Futures, College of
School for the Future of Innovation in Society
<https://sfis.asu.edu/RISES-welcome>
INTDSB 256
sfisgrad@asu.edu
480-965-9432

Science and Technology Policy, MSTP (LAHSDPSM)

Online Degree Search Title: Science and Technology Policy, MSTP

Campus: Tempe

Program Description:

The MSTP program uniquely prepares its graduates to have an impact in today's technologically complex world. Drawing on some of the world's leading experts and innovative thinkers, it is designed to train future leaders, policymakers and analysts in tackling complex issues ranging from climate change, energy security and responsible innovation to public health, global development and social justice.

The Master of Science and Technology Policy is a one-year, cohort-based program designed to attract students of the highest caliber. The program also may be completed over an extended period or on a part-time basis. It is suited to anyone interested in a career in which they work to ensure through responsive and effective policy development and implementation that science and technology serve society. Students come from a wide range of backgrounds and go on to develop successful careers in government, business, academic institutions and nongovernmental organizations.

On completion of the program, graduates are able to apply critical skills and methods to science and technology policy analysis, apply cutting-edge approaches to ensuring socially responsive and responsible technology innovation, and contribute to developing and implementing creative solutions to many of today's most complex challenges, including responsible innovation, technological convergence, social and environmental sustainability, health and well-being, energy, equity, development, security, data privacy, infrastructure, democracy, STEM education, the role of science, and space exploration and policy. They are able to describe the historical, social and institutional foundations of science and technology policy; discuss the complexities of science and technology policy decisions, decision-making under uncertainty and the role of experts; employ effective policy communications skills and techniques; and work collaboratively and effectively with experts from different backgrounds, including scientists, engineers and elected officials.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- African and African American Studies, BA
- Innovation in Society, BA
- Innovation in Society, BS
- Justice Studies, BA
- Justice Studies, BS
- Women and Gender Studies, BA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic advisor.

departments to apply.

Degree Requirements:

30 credit hours including the required applied project course (HSD 593).

Required Core (6 credit hours)

HSD 501 Science and Technology Policy (3)

HSD 502 Advanced Science and Technology Policy (3)

Electives (9 credit hours)

Restricted Electives (9 credit hours)

Other Requirements (3 credit hours)

HSD 591 MSTP Professional Development Seminar Series (3)

Culminating Experience (3 credit hours)

HSD 593 Applied Project (3)

Additional Curriculum Information

Restricted electives are from a list provided by the program chair.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the College of Global Futures.

Applicants are eligible to apply to the program if they have earned a bachelor's degree (or equivalent) or a graduate degree from a regionally accredited college or university of recognized standing. Students are strongly encouraged to have prior relevant education, training or experience in science and technology policy; management of science, technology or innovation; or science, technology and society.

Applicants must have a minimum cumulative GPA of a 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- three letters of recommendation
- resume
- personal statement
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Students should see the program website for application deadlines.

Contact Information:

Global Futures, College of

School for the Future of Innovation in Society

<https://sfis.asu.edu/mstp-welcome>

INTDSB 256

sfisgrad@asu.edu

480-727-9498

Sustainability, MA (SUSUSTMA)

Online Degree Search Title: Sustainability, MA

Campus: Tempe

Program Description:

The MA in sustainability is a research-oriented degree program that culminates with research writing: either a thesis or publishable scientific paper.

The program focuses on knowledge generation and investigating potential solutions to sustainability challenges and prepares students to design and conduct transdisciplinary research. Although the graduate degree programs emphasize the integration of a broad range of expertise, this

program is best suited to students inclined toward social sciences, humanities, planning or related fields and who are interested in a career in research or academia.

Students learn how different disciplines view and approach the challenges of sustainability in theory, research and practice. They develop the academic and technical skills as well as the ethical insights that will help them understand, research and provide solutions to complex sustainability challenges at the local, regional, national and global levels.

All program graduates understand the need for a transdisciplinary approach to solving sustainability challenges, are able to communicate their work to professionals in other disciplines and to policymakers and the general public, and have the breadth of vision to recognize the interconnectedness of social, economic, environmental and technical systems. They have the critical thinking skills necessary for approaching sustainability challenges from a systems perspective, the ability to work effectively in interdisciplinary teams, and the technical skills required to formulate and solve problems at the appropriate scale.

Students can learn more about careers in sustainability and where graduates with a master's degree in sustainability are now employed by visiting <https://schoolofsustainability.asu.edu/careers/careers-in-sustainability/> (<https://schoolofsustainability.asu.edu/careers/careers-in-sustainability/>).

Degree Requirements:

35 credit hours and a thesis, or 35 credit hours including a capstone course (SOS 596).

Required Core (14 credit hours)

SOS 510 Perspectives on Sustainability (3)

SOS 520 Research Design and Methods for Sustainability (3)

SOS 525 Social-Ecological-Technical Systems: Domains and Interfaces (3)

SOS 581 Synthesis for Sustainability Research (3)

SOS 589 Community of Graduate Student Scholars (2)

Electives (15 credit hours)

methods (3)

normative dimensions of sustainability (3)

general electives (9)

Culminating Experience (6 credit hours)

SOS 596 Capstone: Scientific Paper (6) or

SOS 599 Thesis (6)

Additional Curriculum Information

The taught-course element of the program will be evaluated through course-specific examinations, research papers or applied projects and will be considered to have been successfully completed if the student obtains a GPA of 3.25 or higher. Graduate College policies and procedures for fulfillment of degree requirements must also be met.

SOS 589 is a one credit hour course students take twice, for two credit hours total.

Approved general electives prefixes include, but are not limited to, the following:

SOS, ASB, ART, PAF, SGS, POS, SOC, PSB, PGS, PHI, COM, CPP, CRD, ESS, PGV, NTR, MCO, GCU, SCM, HPS, HST, JHR, JMC, JUS, LAW, LES, PUP, SBS, RTM, STS, TDM, URB

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the College of Global Futures.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.25 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.25 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- statement of intent
- GRE scores
- three letters of recommendation
- resume or curriculum vitae

- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The statement of intent should not exceed 600 words and should describe how the applicant's background will contribute to success in the program and describe how completion of the degree will support long-term career goals. The statement should elaborate on key research questions the applicant wishes to address or problems to solve as part of the plan of study, and it should identify potential faculty advisors.

Letters of recommendation must be from three people who can attest to the applicant's academic and professional achievements. At least one letter should be academic in nature.

Contact Information:

Global Futures, College of

School of Sustainability

<https://schoolofsustainability.asu.edu/degrees-and-programs/graduate-degrees-programs/master-arts/>

WGHL 108

SOSGradSunDevil@asu.edu

480-727-6963

Sustainability, MS (SUSUSTMS)

Online Degree Search Title: Sustainability, MS

Campus: Tempe

Program Description:

The MS program in sustainability is a research-oriented degree program that culminates with research writing, either a thesis or capstone in the form of a publishable scientific paper.

The program focuses on knowledge generation and investigating potential solutions to sustainability challenges and prepares students for designing and conducting transdisciplinary research. Although the graduate degree programs emphasize the integration of a broad range of expertise, this master's degree program is best suited to students inclined toward natural sciences, economics, engineering or related quantitative fields, and who are interested in a career in research or academia.

Students learn how different disciplines view and approach the challenges of sustainability in theory, research and practice. They develop the academic and technical skills as well as the ethical insights that help them understand, research and provide solutions to complex sustainability challenges at the local, regional, national and global levels.

All sustainability graduate students understand the need for a transdisciplinary approach to solving sustainability challenges, can communicate their work to professionals in other disciplines and to policymakers and the general public, and have the breadth of vision to incorporate the interconnectedness of social, economic, environmental and technical systems into their research. They have the critical thinking skills necessary for approaching sustainability challenges from a systems perspective, the skills needed to work effectively in interdisciplinary teams, and the technical skills required to formulate and solve problems at the appropriate scale.

Interested students may learn more about careers in sustainability and where graduates of the Master of Science in sustainability are now employed here: <https://schoolofsustainability.asu.edu/careers/careers-in-sustainability> (<https://schoolofsustainability.asu.edu/careers/careers-in-sustainability>).

Degree Requirements:

35 credit hours and a thesis, or 35 credit hours including a capstone course (SOS 596).

Required Core (14 credit hours)

SOS 510 Perspectives on Sustainability (3)

SOS 520 Research Design and Methods for Sustainability (3)

SOS 525 Social-Ecological-Technical Systems (SETS): Domains and Interfaces (3)

SOS 581 Synthesis for Sustainability Research (3)

SOS 589 Community of Graduate Student Scholars (2)

Electives (15 credit hours)

methods (3)

normative dimensions of sustainability (3)

general electives (9)

Culminating Experience (6 credit hours)
SOS 596 Capstone: Scientific Paper (6) or
SOS 599 Thesis (6)

Additional Curriculum Information

SOS 589 is taken twice for two credit hours total.

The taught-course element of the program is evaluated through course-specific examinations, research papers or applied projects and is considered to have been successfully completed if the student obtains a GPA of 3.25 (scale is 4.00 = "A") or higher. Graduate College policies and procedures for fulfillment of degree requirements also must be met.

Approved general electives prefixes include, but are not limited to, the following: SOS, ASB, ART, PAF, SGS, POS, SOC, PSB, PGS, PHI, COM, CPP, CRD, ESS, PGV, NTR, MCO, GCU, SCM, HPS, HST, JHR, JMC, JUS, LAW, LES, PUP, SBS, RTM, STS, TDM, and URB.

Admission Requirements:

Applicants must fulfill the requirements for both the Graduate College and the College of Global Futures.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.25 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.25 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- statement of intent
- GRE scores
- three letters of recommendation
- resume or curriculum vitae
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The statement of intent should not exceed 600 words and should describe how the applicant's background will contribute to success in the program and describe how completion of the degree will support long-term career goals. The statement should elaborate on key research questions the applicant wishes to address or problems to solve as part of the plan of study, and it should identify potential faculty advisors.

Letters of recommendation must be from three people who can attest to the applicant's academic and professional achievements. At least one letter should be academic in nature.

Contact Information:

Global Futures, College of
School of Sustainability

<https://schoolofsustainability.asu.edu/degrees-and-programs/graduate-degrees-programs/master-science/>

WGHL 108

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Sustainability, PHD (SUSUSTPHD)

Online Degree Search Title: Sustainability, PhD

Campus: Tempe

Program Description:

The PhD program in sustainability prepares students to become scientists and leaders in research and to investigate the urgent sustainability challenges of this century. The flexible, transdisciplinary nature of the program allows students to focus on problems of interest to them, drawing upon relevant knowledge from sustainability science and a variety of disciplines.

Graduates possess an advanced understanding of the dynamics of coupled social-ecological systems and use this knowledge to conduct original research to inform robust solutions to specific sustainability challenges. All sustainability PhD students possess an understanding of the need for a transdisciplinary approach to solving sustainability challenges as well as the ability to communicate their research effectively to academic and non-

academic audiences alike.

In addition to the common learning outcomes, students are able to conduct research on particular sustainability challenges using theoretical lenses and methods from sustainability science and a range of complementary disciplines. Students learn to translate sustainability challenges to tractable research questions, develop a portfolio of quantitative and qualitative research methods to address these research questions, formulate and test hypotheses, utilize rigorous elicitation methods to gather qualitative and quantitative datasets, learn to engage with stakeholders to co-produce knowledge, use statistical and other analytic techniques to analyze data, and build and apply models of social-ecological systems. They develop expertise in the analysis of institutional policies and regulations and the design of the built environment and technologies to support sustainable development. They also develop the foundational knowledge of concepts and methods required to conduct interdisciplinary research and effectively communicate their findings across academic disciplines as well as to policymakers and the general public. Upon graduation they are equipped to lead others in the development of sustainable strategies at the local, national and global levels.

Interested students may learn more about careers in sustainability and where graduates of the doctorate in sustainability are now employed by visiting <https://schoolofsustainability.asu.edu/careers/careers-in-sustainability> (<https://schoolofsustainability.asu.edu/careers/careers-in-sustainability>).

Degree Requirements:

86 credit hours, a written comprehensive exam, a prospectus and a dissertation.

Required Core (8 credit hours)

SOS 510 Perspectives on Sustainability (3)

SOS 520 Research Design and Methods for Sustainability (3)

SOS 589 Community of Graduate Student Scholars (2)

Solutions Workshop Electives (6 credit hours)

Open Electives (48 credit hours)

Research (12 credit hours)

SOS 792 Research (12)

Culminating Experience (12 credit hours)

SOS 799 Dissertation (12)

Additional Curriculum Information

For electives, students should see the academic unit for the approved course list. Other coursework may be used with the approval of the academic unit. Only six credit hours of 400-level coursework can be included in the plan of study.

When approved by the student's supervisory committee and the Graduate College, this program allows up to 30 credit hours from a previously awarded master's degree to be used for this program. If students do not have a previously awarded master's degree, the remaining coursework is to be made up of appropriate electives.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the College of Global Futures.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution. The school encourages applicants with diverse educational backgrounds and experiences that are relevant to the school's core objectives.

Applicants must have a minimum cumulative GPA of 3.25 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.25 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- statement of intent
- GRE scores
- three letters of recommendation
- resume or curriculum vitae
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The statement of intent should not exceed 600 words and should describe how the applicant's background will contribute to success in the program; describe how completion of the degree will support long-term career goals; elaborate on key research questions the applicant wishes to address or problems to solve as part of the plan of study; and, identify potential faculty advisors.

Letters of recommendation must be from three people who can attest to the applicant's academic and professional achievements. At least one letter should be academic in nature.

Contact Information:

Global Futures, College of

School of Sustainability

<https://schoolofsustainability.asu.edu/degrees-and-programs/graduate-degrees-programs/doctor-philosophy/>

WGHL 108

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Sustainability (Certificate), Certificate (SUSUSGRCT)

Online Degree Search Title: Sustainability (Graduate Certificate)

Campus: Downtown Phoenix, Polytechnic, Tempe, West, Online

Program Description:

The development of sustainable solutions depends on interdisciplinary collaboration.

The graduate certificate program in sustainability provides the foundational knowledge required to integrate sustainable thinking into any academic or professional field. The skills developed in this program, like systems thinking and solutions-based problem solving, are essential to addressing sustainability challenges across disciplines. Students in the program learn to communicate and collaborate with faculty and peers from varied backgrounds, preparing them to lead teams in the future.

Courses introduce students to the foundations of sustainability through a disciplinary overview and problem-solving methodology. Through electives, students can explore specific areas that are of greatest interest to them. Subjects include policy, international development, clean air and water, sustainable food systems, corporate social responsibility, waste reduction, human rights, climate transformation and clean energy.

This program is designed to be taken independently or as a supplement to another graduate degree program.

Degree Requirements:

15 credit hours.

Required Core (6 credit hours)

SOS 508 Pathways to Sustainability (3)

SOS 509 Leading Sustainability Transitions (3)

Electives (9 credit hours)

Additional Curriculum Information

Students select six credit hours of sustainability focused electives from EMS, SFS and SOS course prefixes. Other coursework may be used with approval of the sustainability graduate committee. In addition, students take three credit hours of other elective coursework related to sustainability.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the College of Global Futures.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:

- graduate admission application and application fee
- official transcripts
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/certificates/graduate-sustainability-certificate/>)

Contact Information:

Global Futures, College of
School of Sustainability
<https://schoolofsustainability.asu.edu/degrees-and-programs/certificates/>
WGHL 108
SOSGradSunDevil@asu.edu
480-727-6963

Sustainability (Complex Adaptive Systems Science), PHD (SUSUSTCPHD)

Online Degree Search Title: Sustainability (Complex Adaptive Systems Science), PhD

Campus: Tempe

Program Description:

Complex adaptive systems science is the study of interactive and dynamic systems that change over time. The complex adaptive systems science concentration program under the PhD in sustainability trains the next generation of scientists in advanced concepts and methods needed for approaching diverse phenomena in the social and life sciences. The program is tightly integrated with diverse, ongoing, university-wide research on complex adaptive systems science at Arizona State University and emphasizes the value of a complex adaptive systems science perspective, to give better insight and a more active role in seeking solutions to a broad array of critical issues facing society today. Students become fluent in the common language of complexity while also receiving a solid foundation in the domain knowledge of existing academic disciplines.

By broadly embedding an understanding of complex adaptive system-relevant approaches into the practice of normal science, students gain the ability to transform science. The program promotes the development and testing of more robust theories and sophisticated methods in a wider array of research settings. This is needed in order to develop a deeper understanding of the nature and dynamics of complex adaptive systems, grounded in concrete examples and applications.

The doctoral program in sustainability with a concentration in complex adaptive systems science is offered for students who have completed a bachelor's or master's degree program. The program prepares students to become scientists and leaders in research and to investigate the urgent sustainability challenges of this century.

Graduates possess an understanding of the need for a transdisciplinary approach to solving sustainability challenges; the ability to communicate their work to professionals in other disciplines, to policymakers, and to the general public; and the breadth of vision to recognize the interconnectedness of social, economic, environmental and technical systems. Their critical thinking skills enable them to approach sustainability challenges from a systems perspective; they also have the skills needed to work effectively in interdisciplinary teams and the technical skills to formulate and solve problems at the appropriate scale.

In addition to the common learning outcomes, graduates are able to conduct research on particular sustainability challenges using standard skills, including the capacity to identify problems; to formulate and test hypotheses; to use statistical, econometric and geographical information system techniques to construct and analyze datasets; and to build and apply models. They are prepared to lead others in the analysis and design of the built environment and institutions' policies, regulations and technologies to support sustainable development and lead others in applying these concepts and methods to the development of sustainable strategies for water, land, air and urban management at the local and global levels. Graduates understand the concepts and methods of a number of critical disciplines bearing on the sustainability of systems at different spatial and temporal scales.

Students can learn more about careers in sustainability and where sustainability doctoral graduates are now employed by visiting <https://schoolofsustainability.asu.edu/careers/careers-in-sustainability/> (<https://schoolofsustainability.asu.edu/careers/careers-in-sustainability/>).

Degree Requirements:

86 credit hours, a written comprehensive exam, a prospectus and a dissertation.

Required Core (8 credit hours)

SOS 510 Perspectives on Sustainability (3)

SOS 520 Research Design and Methods for Sustainability (3)

SOS 589 Community of Graduate Student Scholars (2)

Solutions Workshop Electives (6 credit hours)

Open Electives (36 credit hours)

Concentration (12 credit hours)

CASS fundamentals (3)

mathematics of CASS (3)

modeling CASS (3)

application of CASS approaches (3)

Research (12 credit hours)

SOS 792 Research (12)

Culminating Experience (12 credit hours)

SOS 799 Dissertation (12)

Additional Curriculum Information

For open electives and concentration coursework, students should see the academic unit for the approved course list. Students should note that only six credit hours of 400-level coursework can be included on the plan of study.

When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used for this degree. If students do not have a previously awarded master's degree, the remaining coursework is made up of appropriate electives.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the College of Global Futures.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution. The school encourages applicants with diverse educational backgrounds and experiences that are relevant to the school's core objectives.

Applicants must have a minimum cumulative GPA of 3.25 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.25 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- statement of intent
- GRE scores
- three letters of recommendation
- resume or curriculum vitae
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The statement of intent should not exceed 600 words and should describe how the applicant's background will contribute to success in the program, describe how completion of the degree will support the applicant's long-term career goals and explain why the applicant is applying to the College of Global Futures and, more specifically, the doctoral program with a complex adaptive systems science concentration. The statement of intent should elaborate on key research questions the applicant wishes to address or problems to solve as part of the plan of study, and it should identify potential faculty advisors.

Letters of recommendation must be from three people who can attest to the applicant's academic and professional achievements. At least one letter should be academic in nature.

Contact Information:

Global Futures, College of
School of Sustainability

<https://schoolofsustainability.asu.edu/degrees-and-programs/graduate-degrees-programs/complex-adaptive-systems-science-concentration-phd-sustainability/>

WGHL 108

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480-727-6963

Sustainability Leadership, EMSL (SUEMSLEMSL)

Online Degree Search Title: Sustainability Leadership - Executive, EMSL

Campus: Online

Program Description:

The EMSL program prepares professionals to advance social and environmental responsibility. The Executive Master of Sustainability Leadership program teaches organizational leadership skills through the lens of sustainability and equips graduates to drive high-impact global sustainability results for their companies, organizations and communities.

The curriculum includes coursework in the following synergistic thematic areas:

- communications and change management
- global context of sustainability
- leadership for sustainability
- sustainability and strategy

The program also includes opportunities for students to include elective coursework that is related to their specific area of interest.

A sustainable future requires leaders who are able to integrate sustainability into existing institutions and new enterprises. A particular knowledge base and skill set is required to drive this kind of transformational change. Professionals with tools and skills learned in sustainability leadership, as opposed to other degree programs, are in a prime position to establish sustainability practices in any type of organization. Because sustainability is a relatively new field of study, professionals who are interested in this emerging field have often migrated into sustainability roles without formal training and education in sustainability practice.

This program is designed and delivered by people who have worked in and with companies making sustainability transitions and continue to be on the cutting edge of global sustainability leadership.

Degree Requirements:

30 credit hours including the required capstone courses (EMS 508 and EMS 516).

Required Core (18 credit hours)

EMS 522 Mastering the Global Sustainability Context (3)

EMS 523 Strategic Sustainability and Leadership (3)

EMS 524 Sustainability Storytelling and Communications (3)

EMS 525 Essentials for Transformative Leadership in Sustainability (3)

SOS 508 Pathways to Sustainability (3)

SOS 509 Leading Sustainability Transitions (3)

Electives (6 credit hours)

Culminating Experience (6 credit hours)

EMS 508 Immersive Experience in Sustainability Leadership (3)

EMS 516 Capstone Course for EMSL Students (3)

Additional Curriculum Information

Students are encouraged to attend one in-person session in Washington DC (EMS 508). Students who cannot attend should contact the college for an alternative option.

Elective courses must be at the 500-level or above.

Admission Requirements:

Applicants must fulfill the requirements for both the Graduate College and the College of Global Futures.

Applicants are eligible to apply to the program if they have earned a bachelor's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- personal statement
- resume or curriculum vitae
- two letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Applicants to the program should be interested in and passionate about advancing sustainability in their organizations, either directly or indirectly. Successful candidates are expected to draw from and apply solutions to actual professional challenges and opportunities.

Because this is an executive master's degree for experienced professionals, work and life experience may be taken into account in lieu of deficiencies from past bachelor's degree program experience. Applicants with GPAs lower than 3.00 (scale is 4.00 = "A") may be admitted on a provisional status. Applicants should contact the program for more details if their GPA falls below the 3.00 requirement.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/graduate/executive-sustainability-leadership/>)

Contact Information:

Global Futures, College of
School of Sustainability

<https://schoolofsustainability.asu.edu/degrees-and-programs/graduate-degrees-programs/executive-master-sustainability-leadership/>

WGHL 108

EMSL@asu.edu

480-727-6963

Sustainability Leadership, MSL (SUSUSLMSL)

Online Degree Search Title: Sustainability Leadership, MSL

Campus: Online

Program Description:

The MSL program prepares professionals to advance social and environmental responsibility. The program teaches organizational leadership skills through the lens of sustainability. The Master of Sustainability Leadership program equips graduates to drive high-impact global sustainability results for their companies, organizations and communities.

The curriculum includes four synergistic thematic areas:

- communications and change management
- global context of sustainability
- leadership for sustainability
- sustainability and strategy

The program also includes opportunities for students to include electives that are related to their specific area of interest. Elective courses are offered that focus on the military, cities, climate, food systems and other thematic areas. Students also may choose to go on an approved study abroad trip to fulfill elective credits.

A sustainable future requires leaders who are able to integrate sustainability into existing institutions and new enterprises. A particular knowledge base and skill set is required to drive this kind of transformational change. Professionals with tools and skills learned in sustainability leadership, as opposed to other degree programs, are in a prime position to establish sustainability practices in any type of organization. Because sustainability is a relatively new field of study, professionals who are interested in this emerging field have often migrated into sustainability roles without formal training and education in sustainability practice.

This program is designed and delivered by people who have worked in and with companies making sustainability transitions and continue to be on the cutting edge of global sustainability leadership.

Degree Requirements:

30 credit hours including the required Applied Project Course (EMS 593).

Required Core (21 credit hours)

EMS 522 Mastering the Global Sustainability Context (3)

EMS 523 Strategic Sustainability and Leadership (3)

EMS 524 Sustainability Storytelling and Communications (3)

EMS 525 Essentials for Transformative Leadership in Sustainability (3)

EMS 589 MSL Capstone Project Preparation (3)

SOS 508 Pathways to Sustainability (3)

SOS 509 Leading Sustainability Transitions (3)

Electives (6 credit hours)

Culminating Experience (3 credit hours)

EMS 593 Applied Project (3)

Additional Curriculum Information

Elective courses must be at the 500-level or above.

Admission Requirements:

Applicants must fulfill the requirements for both the Graduate College and the College of Global Futures.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution. They should also have a minimum of three years of professional or organizational experience or the equivalent.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program. Applicants who have a GPA less than 3.00 may submit a statement describing contributing circumstances and reference personal experience to be considered for admission.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- statement of intent
- resume or curriculum vitae
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/graduate/master-sustainability-leadership-sustainability-leadership/>)

Contact Information:

Global Futures, College of

School of Sustainability

<https://schoolofsustainability.asu.edu/degrees-and-programs/graduate-degrees-programs/master-sustainability-leadership/>

WGHL 108

SOSGradSunDevil@asu.edu

480-727-6963

Sustainability Solutions, MSUS (SUSUSOMSUS)

Online Degree Search Title: Sustainability Solutions, MSUS

Academic Catalog Archive 2020-2021

Campus: Tempe

Program Description:

The MSUS program prepares students to apply sustainability principles and approaches to careers in a variety of fields, addressing complex human and environmental challenges. The focus is on developing solutions by working with stakeholders on these sustainability challenges using a sustainability framework.

Graduates have a knowledge base and skill set to bring sustainability solutions to corporate, government and NGO sectors. Graduates bring competencies in collaboratively creating sustainability solutions, drawing on their ability to employ systems-thinking, develop future scenarios and sustainability visions, skillfully negotiate and reconcile diverse values, and devise strategies for action.

Students begin the program with a foundation in sustainability theory and methods, then take electives in an area of interest.

A distinguishing element of the Master of Sustainability Solutions program is its applied approach and emphasis on learning how to develop solutions. This includes a course on managing sustainability projects as well as the capstone experience, in which students collaboratively carry out an applied project in lieu of a thesis.

Students team up with a company, a government agency or a nongovernmental organization to develop a real-world sustainability solution. This practical experience positions graduates for today's competitive, knowledge-intensive job market.

Students can learn more about careers in sustainability and where Master of Sustainability Solutions graduates are now employed by visiting <https://schoolofsustainability.asu.edu/careers/careers-in-sustainability/> (<https://schoolofsustainability.asu.edu/careers/careers-in-sustainability/>).

Concurrent Degrees:

This degree is also offered as concurrent degree program with:

- Legal Studies, MLS
- Master of Mass Communication, MMC
- Public Administration - Downtown Phoenix, MPA
- Public Policy, MPP
- Urban and Environmental Planning, MUEP

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Sustainability, BS
- Sustainability, BA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

33 credit hours including the applied project requirement of (SOS 593).

Required Core (6 credit hours)

- SOS 510 Perspectives on Sustainability (3)
- SOS 511 Advanced Sustainability Problem Solving (3)

Other Requirements (18 credit hours)

- SOS 531 Achieving Career Success in Sustainability (1)
- SOS 582 Project Management for Sustainability (3)
- foundational courses (9)
- methods courses (5)

Focus Area Electives (6 credit hours)

Culminating Experience (3 credit hours)

- SOS 593 Applied Project (3)

Additional Curriculum Information

MSUS students specialize in a focus area and take six credit hours of elective coursework related to that area, with approval by their academic advisor.

For a list of approved courses that may fulfill the methods and foundational requirements, students should see the academic unit. No more than six credit hours of 400-level coursework can be included in the plan of study.

The Graduate College policies and procedures for fulfillment of degree requirements must also be met.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the College of Global Futures.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- statement of intent
- GRE scores
- three letters of recommendation
- resume or curriculum vitae
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Letters of recommendation must be from three people who can attest to the applicant's academic and professional achievements. At least one letter should be academic in nature.

The statement of intent should not exceed 600 words and should explain the goals the applicant intends to achieve through the plan of study, describe how the applicant's background will contribute to success in the program, explain how completion of the degree will support long-term career goals, and elaborate on project ideas the applicant wishes to pursue as part of the program of study.

Contact Information:

Global Futures, College of

School of Sustainability

<https://schoolofsustainability.asu.edu/degrees-and-programs/graduate-degrees-programs/master-sustainability-solutions/>

WGHL 108

SOSGradSunDevil@asu.edu

480-727-6963

Sustainable Energy, PHD (SUSUEPHD)

Online Degree Search Title: Sustainable Energy, PhD

Campus: Tempe

Program Description:

Society is in the midst of a transition toward sustainable energy. Because the global energy system is a complex, socio-technical system, the transition toward sustainable energy will require the next generation of leaders to possess a transdisciplinary perspective combining both technical and societal dimensions of energy.

The PhD program in sustainable energy integrates these perspectives in preparing students to address the challenges in energy transitions. Students enter the program from diverse backgrounds in engineering, planning, business, policy, and natural and social sciences. The core classes provide them with an interdisciplinary expertise and skills related to current and emerging energy technologies and systems, economic analysis of energy systems, and social and policy dynamics of energy transitions. Elective classes allow students to develop more specialized methodological skills, technical expertise and topical knowledge.

Students can learn more about careers in sustainability and where graduates of sustainability doctoral programs are now employed by visiting <https://schoolofsustainability.asu.edu/careers/careers-in-sustainability> (<https://schoolofsustainability.asu.edu/careers/careers-in-sustainability/>).

Degree Requirements:

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (18 credit hours)

SOS 571 Sustainable Energy I: Technologies and Systems (3)
SOS 572 Sustainable Energy II: Transitions (3)
SOS 573 Sustainable Energy III: Futures Analysis, Negotiation and Governance (3)
SOS 574 Sustainable Energy Analytics in Context (3)
SOS 575 Sustainable Energy Research Seminar (4)
SOS 589 Community of Graduate Student Scholars (2)

Electives or Research (12 credit hours)

Other Requirement (12 credit hours)

SOS 792 Research (12)

Culminating Experience (12 credit hours)

SOS 799 Dissertation (12)

Additional Curriculum Information

Students take SOS 575 in four different semester terms for 1 credit hour each term.

Students take SOS 589 in two different semester terms for 1 credit hour each term.

Electives can be chosen from applicable courses in the following areas based on the student's area of interest and approval from the committee: engineering of matter, transport and energy; sustainable engineering and the built environment; geographical sciences and urban planning; molecular sciences; life sciences; future of innovation in society; physics; and sustainability.

Other electives may be used with approval from the academic unit. Student electives are customizable based on the student's area of research.

Doctoral students are expected to include higher level courses (600 and 700 levels) as part of the elective and research coursework.

When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used for this degree. If students do not have a previously awarded master's degree, the 30 credit hours of coursework is made up of electives and research.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the College of Global Futures.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.25 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- resume or curriculum vitae
- GRE scores
- statement of intent
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The school encourages applicants with diverse educational backgrounds and experiences. Sample related fields include engineering, geography, urban planning, environmental science, physics, chemistry or planning for future innovations and societal changes.

All applicants must upload a statement of intent as part of the application process. In no more than 600 words, applicants must explain the goals they intend to achieve through their program of study at the College of Global Futures. Applicants should describe how their background will contribute to their success in the program and how completion of their degree will support their long-term career goals. Finally, applicants should elaborate on key research questions they wish to address or problems they wish to solve as part of their program of study and identify potential faculty advisors.

Contact Information:

Global Futures, College of

School of Sustainability

<https://schoolofsustainability.asu.edu/degrees-and-programs/graduate-degrees-programs/doctor-philosophy-sustainable-energy/>

WGHL 108

SOSGradSunDevil@asu.edu

480-727-6963

Sustainable Food Systems, MS (SUSUSFSMS)

Online Degree Search Title: Sustainable Food Systems, MS

Campus: Online

Program Description:

The MS in sustainable food systems is a research-oriented degree program in which students develop an understanding of present-day health, agriculture and environmental policy; develop strategies to lead policy discussions; interact with a network of food and agriculture policy leaders and mentors; and apply their knowledge and skills to address problems related to food and food systems.

Graduates of the program are able to employ solutions-based thinking and a dynamic systems framework to create inclusive, diverse and resilient food systems of the future.

Degree Requirements:

30 credit hours including the required capstone course (SFS 596).

Required Core (21 credit hours)

SOS 508 Pathways to Sustainability (3)

SOS 509 Leading Sustainability Transitions (3)

SFS 560 Tools and Tactics for Food Policy Change (3)

SFS 561 Food and Farm Immersion Experience (2)

SFS 562 Managing Natural Resources for Food Production (3)

SFS 563 Applied Food Policy Immersion Experience (2)

SFS 564 American Agriculture in the Global Context (2)

SFS 565 Organizational Leadership (3)

Electives (6 credit hours)

Culminating Experience (3 credit hours)

SFS 596 Capstone (3)

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the College of Global Futures.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:

- graduate admission application and application fee
- official transcripts

- statement of intent
- two letters of recommendation
- professional resume
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The statement of intent should not exceed 600 words and applicants must explain the goals they intend to achieve through their plan of study at the College of Global Futures, specifically in the field of sustainable food systems. Applicants should elaborate on key research questions they wish to address or problems they wish to solve as part of their plan of study. Finally, applicants should describe how their background will contribute to their success in the program.

Letters of recommendation must be from two people who can attest to the applicant's academic and professional achievements. At least one letter should be academic in nature.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/graduate/masters-sustainable-food-systems/>)

Contact Information:

Global Futures, College of
School of Sustainability

<https://schoolofsustainability.asu.edu/degrees-and-programs/graduate-degrees-programs/>

WGHL 108

SOSGradSunDevil@asu.edu

480-727-6963

Global Management, Thunderbird School of

Applied Leadership and Management, MALM (TBALMMALM)

Online Degree Search Title: Applied Leadership and Management, MALM

Campus: Online

Fall B 2020 session is for the ASU/CINTANA China program.

Program Description:

The world is innovating. Technology is changing lives and workplaces at an accelerating pace and the global economy is becoming increasingly interconnected. To succeed in this new paradigm, where breakthroughs such as blockchain, genetic engineering and artificial intelligence are forcing all industries' practices to evolve, a whole new brand of global leadership is essential. In a world of rapid technological transformation, Thunderbird is educating nimble, ethical leaders who are equipped to build sustainable businesses, economies, cultures and environments.

Lead and Manage in High-growth Markets

More than ever, today's global organizations need versatile leaders and managers with creative problem-solving skills who can elevate diverse teams across cultures in multiple markets around the world. Students expand their repertoire and sharpen their skills in Thunderbird's MALM program, a unique graduate degree program with classes taught by Thunderbird's world-class professors. The program is designed to explore new leadership and management practices for global organizations from a global perspective in order to deliver the highest quality graduate education.

The Master of Applied Leadership and Management program is designed specifically for students from around the world and allows them to become a part of the globally connected Thunderbird alumni network (<https://thunderbird.asu.edu/node/238> (<https://thunderbird.asu.edu/node/238>)) that opens doors and opportunities all over the world.

Thunderbird School of Global Management has produced unique leaders for more than 70 years, leaders in every sector capable of tackling the world's greatest challenges. The alumni network comprises 45,000 graduates and 170 chapters around the globe.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and

master's degree with:

Technological Entrepreneurship and Management, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

30 credit hours including the required capstone course (TAM 542).

Required Core (3 credit hours)

TAM 582 Communicating and Negotiating in a Dynamic Global World (3)

Electives (24 credit hours)

Culminating Experience (3 credit hour)

TAM 542 Global Leadership and Personal Development (3)

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Thunderbird School of Global Management

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- professional resume
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. The English proficiency requirements are the same as the Graduate College requirements.

Candidates for this program will come from markets such as Nigeria, Kenya, South Africa, India, Egypt, Indonesia, Columbia, Peru and Brazil.

Two years of work experience is preferred but not required.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/graduate/master-applied-leadership-management/>)

Contact Information:

Global Management, Thunderbird School of

Thunderbird School of Global Management

<https://thunderbird.asu.edu/degrees/online/master-applied-leadership-management>

AZCT 800

malmadvising@thunderbird.asu.edu

Global Affairs (Certificate), Certificate (TBGAFGRCT)

Online Degree Search Title: Global Affairs (Graduate Certificate)

Campus: Downtown Phoenix

ASU is not currently accepting applications for this program.

Program Description:

The graduate certificate program in global affairs is designed to provide an in-depth study of the global political economy, global theory, global institutional environment, decision-making and global strategy.

The global affairs certificate provides a foundation for students to become globally-minded policymakers serving in national, regional or local

government agencies; international or nongovernmental organizations; or multinational corporations. The school's innovative and practical curriculum (a strong core of global business management skills, international political economy and cross-cultural training) is delivered through a transdisciplinary approach.

Thunderbird School of Global Management has produced unique leaders for more than 70 years, leaders in every sector capable of tackling the world's greatest challenges. The alumni network comprises 45,000 graduates and 170 chapters around the globe.

Degree Requirements:

15 credit hours including the required capstone course (TGM 598).

Required Core (12 credit hours)

SGS 501 Global Theory (3)

SGS 502 Global Institutions and Actors (3)

SGS 503 Methods: Global Decision Making Under Uncertainty (3)

POS 591 Seminar (3)

Culminating Experience (3 credit hours)

TGM 598 Special Topics (Capstone Course)

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Thunderbird School of Global Management.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00="A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00="A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- GMAT or GRE test scores
- one letter of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

Contact Information:

Global Management, Thunderbird School of

Thunderbird School of Global Management

<https://thunderbird.asu.edu>

AZCT 800

admissions.tbird@asu.edu

602-496-7100

Global Affairs and Management, MA (TBGAMMA)

Online Degree Search Title: Global Affairs and Management, MA

Campus: Downtown Phoenix, ASU@Washington, D.C.

ASU is not currently accepting applications for this program. Students interested in global affairs and management should apply to the executive global affairs and management program (<https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/TBGAMEMA/graduate/false>).

Program Description:

The MA in global affairs and management is a transdisciplinary degree program that covers all aspects of global affairs and management, including global relations, political economy and cross-cultural communications, while supplementing this valuable international affairs curriculum with core

courses in accounting, finance, management and marketing.

The program prepares students with the tools and insight to address complex issues in diplomacy, business and society and to bring an increased focus on social responsibility to corporate employers.

Thunderbird School of Global Management has produced unique leaders for more than 70 years, leaders in every sector capable of tackling the world's greatest challenges. The alumni network comprises 45,000 graduates and 170 chapters around the globe.

Degree Requirements:

30 credit hours including the required capstone course (TGM 545).

Required Core (3 credit hours)

TGM 575 Global Affairs Theory (3)

Other Requirements (18 credit hours)

TGM 501 Global Accounting (3)

TGM 502 Financial Management for Global Value Creation (3)

TGM 503 Global Marketing (3)

TGM 504 Managing Organizations from a Global Perspective (3)

TGM 505 States and Markets in a Global Economy (3)

TGM 508 Regional Business Environment I: Emerging Markets (3)

Electives (6 credit hours)

Culminating Experience (3 credit hours)

TGM 545 Advanced Perspectives on Global Leadership and Strategy (3)

Additional Curriculum Information

Other requirements courses may be substituted with approval of the academic unit.

For elective coursework, students should see the academic unit for the approved course list.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Thunderbird School of Global Management.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- GMAT or GRE test scores
- one letter of recommendation
- proof of English proficiency

Additional Admission Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Contact Information:

Global Management, Thunderbird School of

Thunderbird School of Global Management

<https://thunderbird.asu.edu>

AZCT 800

admissions.tbird@asu.edu

602-496-7100

Global Affairs and Management (Executive), MA (TBGAMEMA)

Online Degree Search Title: Global Affairs and Management - Executive, MA

Academic Catalog Archive 2020-2021

Campus: ASU@Washington, D.C.

Program Description:

The MA program in global affairs and management with an executive focus was developed to help globally-minded mid-career professionals in the private, public and not-for-profit sectors take their careers to the next level. This transdisciplinary program prepares students with the tools and insights to address complex issues in global affairs and business, while being socially responsible. It prepares graduates for executive leadership positions within their existing organizations or to make a bold move in their careers by switching industries entirely. Students acquire competencies in political economy, international relations, global leadership, digital transformation and cross-cultural communications. They can focus in global public policy, global business or global law.

The flexible schedule is designed to offer busy professionals the flexibility they require in order to take on a challenging program while maintaining a demanding full-time job. The program allows students to earn a master's degree from the world's top global leadership and management school in as little as one year, so that they can immediately put their newly acquired skills to work and leverage Thunderbird's global network of over 45,000 alumni to advance their career goals.

Degree Requirements:

30 credit hours including the required capstone course (TGM 545).

Required Core (3 credit hours)

TGM 575 Global Affairs Theory (3)

Electives (9 credit hours)

Other Requirement (15 credit hours)

TGM 505 States and Markets in a Global Economy (3)

TGM 518 International Finance and Trade (3)

TGM 549 Global Leadership (3)

TGM 577 International Organizations (3)

TGM 586 Global Entrepreneurship and Sustainable Business (3)

Culminating Experience (3 credit hours)

TGM 545 Advanced Perspectives on Global Leadership and Strategy (3)

Additional Curriculum Information

Students focus their elective courses in a specific area approved by the academic unit. Other requirement courses may be substituted with approval of the academic unit.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and Thunderbird School of Global Management.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any subject from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:

- graduate admission application and application fee
- official transcripts
- one letter of recommendation

- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Contact Information:

Global Management, Thunderbird School of
Thunderbird School of Global Management
<https://thunderbird.asu.edu/about>
AZCT 800
admissions.tbird@asu.edu
602-496-7100

Global Development (Certificate), Certificate (TBGDVGRCT)

Online Degree Search Title: Global Development (Graduate Certificate)

Campus: Downtown Phoenix

Program Description:

Thunderbird's graduate certificate program in global development provides an in-depth study of the global political economy as well as social entrepreneurship, community and social engagement, international nongovernmental organizations and global strategy, giving students the skills they need to make a difference in a global society.

Content in each course is developed by top-ranked Thunderbird faculty and provides students with world-class professional development in a variety of subject areas. The school's innovative and practical curriculum (a strong core of global business management skills, international political economy and cross-cultural training) is delivered through a transdisciplinary approach.

Thunderbird School of Global Management has produced unique leaders for more than 70 years, leaders in every sector capable of tackling the world's greatest challenges. The alumni network comprises 45,000 graduates and 170 chapters around the globe.

Degree Requirements:

15 credit hours including the required capstone course (TGM 510).

Required Core (6 credit hours)

TGM 510 Strategies in Global Development (3)

TGM 585 Corporate Social Responsibility in a Global Context (3)

Electives (9 credit hours)

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Thunderbird School of Global Management.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- GMAT or GRE test scores
- one letter of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and

procedures regarding admission be considered for admission to this certificate program.

Contact Information:

Global Management, Thunderbird School of
Thunderbird School of Global Management
<https://thunderbird.asu.edu>
AZCT 800
admissions.tbird@asu.edu
602-496-7100

Global Finance (Certificate), Certificate (TBGFINGRCT)

Online Degree Search Title: Global Finance (Graduate Certificate)

Campus: Downtown Phoenix

Program Description:

The graduate certificate program in global finance provides specialized content knowledge in financial management, investments, private equity and portfolio management for business, governmental and nongovernmental entities that operate on a global scale. Knowledge of global and regional economic and political landscapes, multinational tax management and country risk analysis are key in financial decision-making.

The courses in this program position students in multinational entities where the accounting emphasis is on international financial reporting standards rather than the United States' generally accepted accounting principles and financial value creation is contingent on efficient management of cross-border transfer pricing, tax planning, currency hedging and interest rate risks. The courses help students explore the business and management differences in countries with varying corporate governance, joint venture structures and financial measures of country business performance. Courses emphasize an experiential approach to learning, using case studies featuring companies across the globe with different cultures and complex legal environments.

The school's innovative and practical curriculum (a strong core of global business management skills, international political economy and cross-cultural training) is delivered through a transdisciplinary approach.

Thunderbird School of Global Management has produced unique leaders for more than 70 years, leaders in every sector capable of tackling the world's greatest challenges. The alumni network comprises 45,000 graduates and 170 chapters around the globe.

Degree Requirements:

15 credit hours.

Required Core (6 credit hours)

TGM 518 International Finance and Trade (3)

TGM 519 Global Financial Engineering (3)

Electives (9 credit hours)

Additional Curriculum Information

Students choose three elective courses from a restricted list. Additional courses may be utilized with approval from the academic unit.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Thunderbird School of Global Management.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission be considered for admission to this certificate program.

Applicants must have taken TGM 521 Managing for Global Value Creation and TGM 522 Global Financial Decisions, or TGM 502 Financial Management for Global Value Creation, or a three credit hour 500-level graduate course with a minimum grade of "B" (scale is 4.00 = "A") or its equivalent. Coursework must be from a regionally accredited institution, from an institution accredited by a business accreditation organization such as the Association to Advance Collegiate Schools of Business , European Quality Improvement System or Association of MBAs, or from other institutions with approval of the academic unit.

Contact Information:

Global Management, Thunderbird School of
Thunderbird School of Global Management
<https://thunderbird.asu.edu>
AZCT 800
admissions.tbird@asu.edu
602-496-7100

Global Leadership and Strategy, MGLS (TBGLSMGLS)

Online Degree Search Title: Global Leadership and Strategy, MGLS

Campus: Downtown Phoenix

ASU is not currently accepting applications for this program. Students interested in global leadership and strategy should apply to the executive global leadership and strategy program (<https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/TBGLSMGLS/graduate/false>).

Program Description:

The MGLS is a global cohort executive leadership and strategy program that centers on development of advanced capabilities to conceptualize and deliver profitable growth along with the competencies to lead strategy execution efforts in a complex and dynamic global environment. This innovative program closely patterns executive decision realities by orienting around key themes that naturally flow, from the macro to the micro, global to local, public to private, interweaving relevant disciplines to address the pressing issues executives face. It is transdisciplinary in both approach and execution.

The Master of Global Leadership and Strategy program combines thematically anchored content with field-deployed experiential learning projects (alternating between developed and emerging markets) that allow participants to interact first-hand with leaders who shape policy and industry and to demonstrate executive acumen through action and response simulation, sprint consultancy engagement, and innovation challenge delivery. The result is a deeply innovative, action-oriented, global executive education experience.

Degree Requirements:

Required Core (5 credit hours)

TGM 601 Megatrends: Understanding Future Drivers and their Influencers (5)

Other Requirement (20 credit hours)

TGM 602 Sustainable Futures: Building, Tapping and Creating Shared Value in a Changing World (5)

TGM 603 Shaping Markets: Market Entry and Winning Strategies (5)

TGM 604 Capturing Dividends: Finding, Fostering and Exploiting New Insights (5)

TGM 605 Deliver Results I: Resourcing and Influencing to Maximize Impact (5)

Culminating Experience (5 credit hours)

TGM 606 Delivering Results II: Peak Dynamism Execution and Comprehensive Debrief (5)

Additional Curriculum Information

Other requirement courses may be substituted with approval of the academic unit.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Thunderbird School of Global Management.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any subject or related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:

- graduate admission application and application fee
- official transcripts
- professional resume
- letter of intent or written statement
- admission interview(s)
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Applicants should be "high potential" --- i.e., selected by their organization as on a trajectory to senior executive positions. They must have 8 years of leadership or executive experience.

Contact Information:

Global Management, Thunderbird School of
Thunderbird School of Global Management
<https://thunderbird.asu.edu/degrees/graduate/executive-master-global-leadership-strategy>
AZCTR 800
admissions.tbird@asu.edu
602-496-7100

Global Leadership and Strategy, MGLS (TBGLSXMGLS)

Online Degree Search Title: Global Leadership and Strategy - Executive, MGLS

Campus: Downtown Phoenix

Program Description:

Thunderbird's MGLS with an executive focus delivers a program experience for executives that takes the student inside the boardrooms of businesses and governments around the world - providing exclusive insight into the strategy and leadership nuances at play in today's complex and dynamic global environment.

The Master of Global Leadership and Strategy program for executives breaks free of the traditional, lock-step curriculum of other graduate programs to immerse the student in hands-on, culturally complex leadership situations that will broaden their global mindset, enhance their executive presence and accelerate their career advancement.

Degree Requirements:

Required Core (5 credit hours)

TGM 601 Megatrends: Understanding Future Drivers and their Influences (5)

Other Requirements (20 credit hours)

TGM 602 Sustainable Futures: Building, Tapping and Creating Shared Value in a Changing World (5)

TGM 603 Shaping Markets: Market Entry and Winning Strategies (5)

TGM 604 Capturing Dividends: Finding, Fostering and Exploiting New Insights (5)

TGM 605 Delivering Results I: Resourcing and Influencing to Maximize Impact (5)

Culminating Experience (5 credit hours)

TGM 606 Delivering Results II: Peak Dynamism Execution and Comprehensive Debrief (5)

Additional Curriculum Information

Other requirement courses may be substituted with approval of the academic unit.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and Thunderbird School of Global Management.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any subject or related field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:

- graduate admission application and application fee
- official transcripts
- one letter of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Contact Information:

Global Management, Thunderbird School of

Thunderbird School of Global Management

<https://thunderbird.asu.edu/degrees/graduate/executive-master-global-leadership-strategy>

AZCTR 800

admissions.tbird@asu.edu

602-496-7100

Global Management, MGM (TBTGMMGM)

Online Degree Search Title: Global Management, MGM

Campus: Downtown Phoenix, Online

Program Description:

The world is innovating. Technology is changing lives and workplaces. To succeed in this new paradigm, where machine learning and artificial intelligence are driving all industries' practices to a level never before imagined, a revitalized brand of leadership is essential. In a world of technological transformation, Thunderbird is developing nimble, ethical leaders who are equipped to build sustainable businesses, economies, cultures and environments.

Thunderbird's specialized MGM degree program delivers cross-cultural, hands-on training in the nuances of international management, preparing students with the perfect balance of practical and people skills to inspire, influence and drive global success. Students broaden their mindset and marketability by pairing their deep-dive leadership training with an innovative concentration area, foreign language options and practical training

through the Global Challenge Laboratories, consultative collaborations with corporate partners, internships, real-world simulations and study abroad modules.

Learn by Doing

A Thunderbird education features experiential learning for exponential impact. Applied learning courses give students opportunities to work face-to-face with clients or participate in real-life simulations as part of their program. Through these courses, students have consistent opportunities to develop and refine their hard skills by choosing from a wide variety of applied learning options. These cutting-edge learning experiences are built into the curriculum, ensuring 100% participation from Thunderbird students.

Moving from theory to real-world practice, students get hands-on experience by taking on projects for major corporations and other global organizations, including nonprofits. In the Global Challenge Labs, students work on consulting projects in emerging markets while developing leadership, cultural sensitivity and international business acumen. Through the Global Organizational Consulting program, students gain expertise in consulting frameworks through client projects. Internships allow students to work for multinational businesses across the gamut of industries in full-time positions for at least eight weeks on graduate-level projects or over the summer. Thunderbird's simulations present real-world scenarios in the areas of global marketing, global finance and global strategy, which allows students to test solutions in a sandbox setting. Students can also travel to specific regions to study local business practices, learn intercultural management skills, and develop international relationships.

Global Management, Evolved

Upon its founding in 1946, Thunderbird became the world's first graduate school focused exclusively on global business. Students have the opportunity to choose from one of the 15 concentration areas below, or can design their own concentration:

- creative industries and design thinking
- development and innovation
- digital audience strategy
- global affairs
- global business
- global digital transformation
- global entrepreneurship
- health care delivery
- integrated healthcare
- legal studies
- nonprofit leadership and management
- public administration
- public policy
- sustainability solutions
- sustainable tourism

In Thunderbird's Master of Global Management, students study practical core courses in global management, international political economy and cross-cultural engagement. The Master of Global Management is an in-depth, global business education professional degree program that combines general management coursework, cross-cultural insight, regional studies and foreign language components to educate global business leaders. With its innovative program philosophy, the master's degree program provides a strategically choreographed progression through every facet of international management, with hands-on, experiential learning opportunities and practical, applicable nuances of global business.

Thunderbird provides an intercultural learning community, a globally infused curriculum and cross-cultural training at its best. Thunderbird's specialized global management degrees are anchored in global accounting, global finance, global marketing, global management, global statistics and global strategy, all infused with dynamic training in international leadership, intercultural communication and regional political nuances.

A New Brand of Leadership for Global Organizations

Thunderbird prepares graduates to enter this complex and exciting global economy with specialized, hands-on training in international business, cross-cultural relations, global political economy and regional business environments. With their global mindset, core professional skills, mastery of management principles and multicultural outlook, Thunderbird students are prepared for leadership roles in organizations with a global scope.

Thunderbird School of Global Management has produced unique leaders for more than 70 years, leaders in every sector capable of tackling the world's greatest challenges.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Applied Computing, BS
- Asia Studies (East Asia), BA
- Asia Studies (South Asia), BA
- Asia Studies (Southeast Asia), BA
- Asian Languages (Chinese), BA

Asian Languages (Japanese), BA
 Biochemistry, BS
 Biochemistry, BA
 Biological Sciences, BS
 Biological Sciences (Biology and Society), BS
 Biological Sciences (Biomedical Sciences), BS
 Biological Sciences (Conservation Biology and Ecology), BS
 Biological Sciences (Genetics, Cell and Developmental Biology), BS
 Biological Sciences (Neurobiology, Physiology and Behavior), BS
 Biotechnology and Bioenterprise, BS
 Business (Business Administration), BA
 Business (Communication), BA
 Business (Food Industry Management), BA
 Business (Global Agribusiness), BA
 Business (Global Logistics Management), BA
 Business (Global Politics), BA
 Business (Health Care), BA
 Business (Information Security), BA
 Business (Language and Culture), BA
 Business (Law), BA
 Business (Public Service and Public Policy), BA
 Business (Sports Business), BA
 Business (Statistics), BA
 Business (Sustainability), BA
 Business (Technology), BA
 Business (Tourism), BA
 Business Data Analytics, BS
 Business Entrepreneurship, BS
 Communication, BS
 Communication, BA
 Economics, BS
 Economics, BS
 Economics (Politics and the Economy), BS
 Engineering (Automotive Systems), BSE
 Engineering (Electrical Systems), BSE
 Engineering (Mechanical Engineering Systems), BSE
 Engineering (Robotics), BSE
 English, BA
 Finance, BS
 French, BA
 General Studies, BA
 German, BA
 Global Health, BA
 Global Management, BGM
 Health Sciences, BS
 History, BA
 Interdisciplinary Arts and Sciences, BA
 International Letters and Cultures (Arabic Studies), BA
 International Letters and Cultures (Classical Civilization), BA
 International Letters and Cultures (Classics), BA
 International Trade, BS
 Italian, BA
 Jewish Studies, BA
 Latin American Studies, BA
 Management, BS
 Marketing, BS
 Marketing (Digital and Integrated Marketing Communications), BS
 Marketing (Professional Sales), BS
 Microbiology, BS
 Microbiology (Medical Microbiology), BS
 Molecular Biosciences and Biotechnology, BS
 Philosophy, BA
 Philosophy (Morality, Politics and Law), BA
 Philosophy, Religion and Society, BA

Political Science, BS
 Political Science, BA
 Psychology, BA
 Psychology, BA
 Psychology, BS
 Psychology, BS
 Psychology (Forensic Psychology), BA
 Psychology (Forensic Psychology), BS
 Public Service and Public Policy (American Indian Studies), BS
 Public Service and Public Policy (Business), BS
 Public Service and Public Policy (Criminology), BS
 Public Service and Public Policy (Health Policy), BS
 Public Service and Public Policy (Law and Policy), BS
 Public Service and Public Policy (Nonprofit Leadership and Management), BS
 Public Service and Public Policy (Parks and Recreation Management), BS
 Public Service and Public Policy (Science and Technology Policy), BS
 Public Service and Public Policy (Sustainability), BS
 Religious Studies (Religion, Culture and Public Life), BA
 Religious Studies (Religion, Politics and Global Affairs), BA
 Russian, BA
 Science of Health Care Delivery, BS
 Social Justice and Human Rights, BA
 Social and Behavioral Sciences, BS
 Social and Behavioral Sciences, BA
 Sociology, BS
 Sociology, BA
 Spanish, BA
 Supply Chain Management, BS
 Sustainability, BA
 Sustainability, BS
 Technological Entrepreneurship and Management, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

49 credit hours including a foreign language exam and the required capstone course (TGM 597).

Required Core (3 credit hours)

TGM 506 Communicating and Negotiating Across Cultures (3)

Other Requirements (21 credit hours)

TGM 515 Navigating Global and Regional Business Environments (3)

TGM 517 Global Accounting and Financial Management (3)

TGM 545 Advanced Perspectives on Global Leadership and Strategy (3)

TGM 557 Global Data and Marketing Analytics (3)

TGM 586 Global Entrepreneurship and Sustainable Business (3)

TGM 596 Thunderbird Experiential Practicum (6)

Electives (24 credit hours)

Culminating Experience (1 credit hours)

TGM 597 Thunderbird Integrative Experience (1)

Additional Curriculum Information

Proficiency in a second language is required for graduation from the MGM degree. Students whose native language is not English who meet the admission requirements for this program satisfy the language requirement.

Students whose native language is English must satisfy the graduation requirement for language proficiency by waiving this requirement through an oral proficiency interview administered by a third-party vendor or by successfully completing six credit hours of 400-level or higher foreign language coursework.

For electives coursework, students should see the academic unit for approved courses.

For other requirements coursework, other courses may be used with approval from the academic unit.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Thunderbird School of Global Management.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution. The program is open to candidates from any undergraduate major.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- resume
- two letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

GRE or GMAT scores may be required after a complete review of the student's application material, including resume, academic transcripts and two letters of recommendation.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/master-global-management-global-management?utm_source=asu&utm_medium=degree-search&utm_campaign=asu)

Contact Information:

Global Management, Thunderbird School of

Thunderbird School of Global Management

<https://thunderbird.asu.edu/degrees/graduate/master-global-management>

AZCT 800

admissions.tbird@asu.edu

602-496-7100

Global Management, MGM (TBTGMXMG)

Online Degree Search Title: Global Management (Executive), MGM

Campus: Downtown Phoenix

Program Description:

Global Executives for the Fourth Industrial Revolution

The world is innovating. Technology is changing lives, workplaces and relationships. To thrive in this new paradigm of rapid technological transformation in which machine learning and artificial intelligence are driving change in all industries' practices, a revitalized brand of business education is essential. In a world of innovation and constant change, Thunderbird School of Global Management is educating, inspiring and empowering nimble, ethical leaders who are equipped to build sustainable enterprises.

Global Management, Evolved

Thunderbird's MGM program with an executive focus is designed for experienced professionals interested in broadening their global outlook and their worldwide network. The program combines general management coursework, cross-cultural insight and regional studies to educate global business leaders. With the busy schedules of working professionals in mind, the program is designed to be completed as a lock-step program in 16 months.

The highly ranked Master of Global Management program is a unique learning experience delivered through hands-on training by prominent professors in international management strategies and through collaboration with executive-level classmates. Students master cultural nuances affecting regional business environments around the globe. Studies include coursework in traditional business disciplines like accounting, finance and marketing --- all taught through a global lens --- giving students the perfect balance of practical and people-influencing skills to inspire and drive global success.

Every course is taught from a global perspective, which prepares graduates to lead and manage people across borders and across all levels of an organization that operates in different locations around the world. This program goes beyond the traditional executive-level business degree, offering students comprehensive instruction in global management disciplines as well as cross-cultural communications, negotiations and international political economy. With its innovative program philosophy, this program provides a strategically choreographed progression through

every facet of international management, with hands-on, experiential learning opportunities and practical, applicable explorations of the intricacies of global business.

Residence Modules and Experiential Learning

The executive focus program begins and ends with intense residence modules delivered in the school's state-of-the-art facilities located in the downtown business district of Phoenix, the nation's fifth-largest and fastest-growing city. Throughout the program, the cohort meets on weekends for in-person instruction with Thunderbird faculty.

The program also offers global field seminars, hands-on learning experiences in a focused region of the world, composed of site visits, high-level meetings and presentations with local businesses, governments and cultural leaders, to learn what makes doing business in the region unique.

Thunderbird School of Global Management has produced unique leaders for more than 70 years, leaders in every sector capable of tackling the world's greatest challenges. The alumni network comprises 45,000 graduates and 170 chapters around the globe.

Degree Requirements:

40 credit hours including the required capstone course (TGM 597).

Required Core (3 credit hours)

TGM 506 Communicating and Negotiating Across Cultures (3)

Other Requirements (32 credit hours)

TGM 505 States and Markets in the Global Economy (2)

TGM 508 Regional Business Environment I: Emerging Markets (2)

TGM 509 Regional Business Environment II: Developed Economies (2)

TGM 511 Global Financial Accounting (2)

TGM 512 Managerial Accounting and Decision Making in a Global Environment (2)

TGM 521 Managing for Global Value Creation (2)

TGM 522 Global Financial Decisions (2)

TGM 530 Big Data in the Age of the Global Economy (2)

TGM 531 Multinational Value Chain (2)

TGM 532 Leading Global Projects (2)

TGM 540 Managing People from a Global Perspective (2)

TGM 541 Competitive Strategy from a Global Perspective (2)

TGM 548 Global Strategy (2)

TGM 549 Global Leadership (2)

TGM 551 Global Marketing Strategy (2)

TGM 552 Global Marketing Management (2)

Electives (4 credit hours)

Culminating Experience (1 credit hour)

TGM 597 Thunderbird Integrative Experience (1)

Additional Curriculum Information

For other requirements, the academic unit may approve other courses to be used than those listed.

For electives coursework, students should see the academic unit for the approved course list.

Students are allowed 400-level courses on the plan of study.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Thunderbird School of Global Management.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution. The program is open to candidates from any undergraduate major.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts

- resume
- one letter of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

GRE or GMAT scores may be required after a complete review of the student's application material, including resume, academic transcripts and letter of recommendation.

Contact Information:

Global Management, Thunderbird School of
 Thunderbird School of Global Management
<https://thunderbird.asu.edu/degrees/graduate/executive-programs-arizona-cohort>
 AZCT 800
 admissions.tbird@asu.edu
 602-496-7100

Global Management (Certificate), Certificate (TBTGMGRCT)

Online Degree Search Title: Global Management (Graduate Certificate)

Campus: Downtown Phoenix

Program Description:

Thunderbird's graduate certificate program in global management provides an in-depth study of global political economy, leadership, strategy, negotiations and cross-cultural communications, giving students the skills they need to succeed in today's increasingly global business environment.

The school's innovative and practical curriculum (a strong core of global business management skills, international political economy and cross-cultural training) is delivered through a transdisciplinary approach.

Thunderbird School of Global Management has produced unique leaders for more than 70 years, leaders in every sector capable of tackling the world's greatest challenges. The alumni network comprises 45,000 graduates and 170 chapters around the globe.

Degree Requirements:

15 credit hours.

Required Core (3 credit hours)

TGM 545 Advanced Perspectives on Global Leadership and Strategy (3)

Restricted Electives (12 credit hours)

TGM 506 Communicating and Negotiating Across Cultures (3)

TGM 515 Navigating Global and Regional Business Environments (3)

TGM 517 Global Accounting and Financial Management (3)

TGM 557 Global Data and Marketing Analytics (3)

TGM 586 Global Entrepreneurship and Sustainable Business (3)

Additional Curriculum Information

For restricted electives, students select four courses from the list above. Other courses may be approved by the academic unit.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Thunderbird School of Global Management.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- GMAT or GRE test scores

- one letter of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

Contact Information:

Global Management, Thunderbird School of
Thunderbird School of Global Management
<https://thunderbird.asu.edu/degrees/graduate-certificates/graduate-certificate-global-management>
AZCT 800
admissions.tbird@asu.edu
602-496-7100

Global Management (Creative Industries and Design Thinking), MGM (TBGMCIDMGM)

Online Degree Search Title: Global Management (Creative Industries and Design Thinking), MGM

Campus: Downtown Phoenix

Program Description:

The World Economic Forum reports that empathy and collaboration are two critical abilities for global manager success. These are equally critical for those seeking careers in creative industries and industries that use design thinking. These abilities rely on the development of social capital. Students in this program have the ability to build sustainable, trusting relationships --- the basis of social capital --- with others from diverse parts of the world by developing a deep capacity for intercultural empathy, the ability to have an interpersonal impact, and the ability to act with diplomacy. This program is designed to develop a student's social capital through field-based action learning, team-based projects and stretch assignments. This concentration is offered in collaboration with the Herberger Institute for Design and the Arts: <https://herbergerinstitute.asu.edu> (<https://herbergerinstitute.asu.edu/>).

Inventive Thinking. Innovative Leadership.

There is an entrepreneurial skills gap among traditional art and design graduates, which can be filled by this program. The National Strategic National Arts Alumni Project survey of over 100,000 art and design graduates indicates that while 77% of architecture graduates and 75% of fine arts graduates believe entrepreneurial skills to be somewhat or very important, only 24% and 21% respectively gained the necessary entrepreneurial knowledge and skills as undergraduates.

The MGM program with a concentration in creative industries and design thinking teaches students critical skills with an interdisciplinary focus to meet a current need in the globally expanding field of creative industries. Additionally, providing students with an entrepreneurial skill set strengthens their ability to connect interdisciplinary knowledge of the cultural industries with design thinking methodology, building on management skills and the ability to apply entrepreneurial vision to the globally interconnected sector of art and design. Students are exposed to design-thinking pedagogy as they increase their capacity for interpersonal communication, public communication, opportunity recognition, network and systems thinking, problem recognition and creativity, as well as demonstrated abilities in cultural leadership, knowledge of the creative industries, distribution of creative products, the creative process and management of innovation in the creative industries.

This master's degree program empowers students to advance innovation in the cultural sector, support creative work and careers, harness social capital and design public and private enterprises that will strengthen arts and design in the future. The program prepares graduates to understand the complex economic, legal, political and social contexts that surrounds any innovation or enterprise.

Thunderbird School of Global Management has produced unique leaders for more than 70 years, leaders in every sector capable of tackling the world's greatest challenges. The alumni network comprises 45,000 graduates and 170 chapters around the globe.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Asia Studies (East Asia), BA
- Asia Studies (South Asia), BA
- Asia Studies (Southeast Asia), BA
- Biological Sciences, BS
- Biological Sciences (Biology and Society), BS
- Biological Sciences (Genetics, Cell and Developmental Biology), BS
- Biological Sciences (Neurobiology, Physiology and Behavior), BS

Business (Business Administration), BA
 Business (Communication), BA
 Business (Food Industry Management), BA
 Business (Global Agribusiness), BA
 Business (Global Logistics Management), BA
 Business (Global Politics), BA
 Business (Health Care), BA
 Business (Information Security), BA
 Business (Language and Culture), BA
 Business (Law), BA
 Business (Public Service and Public Policy), BA
 Business (Sports Business), BA
 Business (Statistics), BA
 Business (Sustainability), BA
 Business (Technology), BA
 Business (Tourism), BA
 Business Data Analytics, BS
 Business Entrepreneurship, BS
 Economics, BS
 Finance, BS
 Global Health, BA
 Global Management, BGM
 History, BA
 International Trade, BS
 Jewish Studies, BA
 Management, BS
 Marketing, BS
 Marketing (Digital and Integrated Marketing Communications), BS
 Marketing (Professional Sales), BS
 Microbiology, BS
 Philosophy, BA
 Philosophy (Morality, Politics and Law), BA
 Religious Studies (Religion, Culture and Public Life), BA
 Religious Studies (Religion, Politics and Global Affairs), BA
 Supply Chain Management, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

49 credit hours, a foreign language exam, including the required capstone course (TGM 597).

Required Core (3 credit hours)

TGM 506 Communicating and Negotiating Across Cultures (3)

Concentration (6 credit hours)

HDA 513 Creativity and Design Thinking (3)

HDA 521 Counting Arts and Culture: Reasoning with Empirical Evidence (3)

Restricted Electives (6 credit hours)

GRA 501 Creative Environment and Collaborative Leadership (3)

HDA 522 Media Literacy and Distribution (3)

creative enterprise development elective (3)

leadership elective (3)

Open Electives (12 credit hours)

Other Requirement (21 credit hours)

foreign language

TGM 515 Navigating Global and Regional Business Environments (3)

TGM 517 Global Accounting and Financial Management (3)

TGM 545 Advanced Perspectives on Global Leadership and Strategy (3)

TGM 557 Global Data and Marketing Analytics (3)

TGM 586 Global Entrepreneurship and Sustainable Business (3)

TGM 596 Thunderbird Experiential Practicum (6)

Culminating Experience (1 credit hour)

TGM 597 Thunderbird Integrative Experience (1)

Additional Curriculum Information

For restricted electives, students either take HDA 522, GRA 501, a creative enterprise development elective or leadership elective for a total of six credit hours.

Open electives are approved by the academic unit.

Except for TGM 596 and the foreign language requirement, other requirement courses may be substituted with approval of the academic unit.

Proficiency in a second language is required for graduation from the MGM degree program. Students whose native language is not English who meet the admission requirements for the Master of Global Management program satisfy the language requirement.

Students whose native language is English must satisfy the graduation requirement for language proficiency by waiving this requirement through an oral proficiency interview administered by a third-party vendor OR successfully completing six credit hours of 400-level or higher foreign language coursework as part of the program electives.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Thunderbird School of Global Management.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any subject or related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:

- graduate admission application and application fee
- official transcripts
- professional resume
- two letters of recommendation
- GRE or GMAT score
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Contact Information:

Global Management, Thunderbird School of

Thunderbird School of Global Management

<https://thunderbird.asu.edu/degrees/graduate-degree/master-global-management-in-creative-industries-and-design-thinking>

AZCT 800

admissions.tbird@asu.edu

602-496-7100

Global Management (Data Science), MGM (TBGMDSCMGM)

Online Degree Search Title: Global Management (Data Science), MGM

Campus: Downtown Phoenix

Program Description:

Jobs for computer and information research scientists are expected to grow 16% between 2016 and 2028 (Occupational Outlook Handbook, Bureau of Labor Statistics). Many companies report difficulties finding workers with solid systems, engineering, algorithmic and mathematical backgrounds and with excellent data management and analysis skills. To meet this market need, the Thunderbird School of Global Management designed the data science concentration under the MGM degree program in conjunction with the School of Computing, Informatics and Decision Systems Engineering.

This concentration program is offered to students who are interested in gaining both global management and data management expertise in order to work in multinational corporations, international nonprofit entities, governmental and non-governmental organizations around the globe.

As global companies and organizations in the Fourth Industrial Revolution continue to rely on data to drive management decisions, it is increasingly

more important for leaders to have skills necessary to understand and interpret that data.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Business (Food Industry Management), BA
- Business (Global Agribusiness), BA
- Business (Language and Culture), BA
- Business (Statistics), BA
- Business Data Analytics, BS
- Business Entrepreneurship, BS
- Economics, BS
- Marketing, BS
- Marketing (Digital and Integrated Marketing Communications), BS
- Marketing (Professional Sales), BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

49 credit hours, a foreign language exam, including the required capstone course (TGM 597).

Required Core (3 credit hours)

TGM 506 Communicating and Negotiating Across Cultures (3)

Concentration (12 credit hours)

CSE 512 Distributed Database Systems (3)

CSE 572 Data Mining (3) or IEE 520 Statistical Learning for Data Mining (3)

Choose two from the following:

CSE 510 Database Management System Implementation (3)

CSE 515 Multimedia and Web Databases (3)

CSE 546 Cloud Computing (3)

CSE 573 Semantic Web Mining (3)

CSE 578 Data Visualization (3)

Electives (12 credit hours)

Other Requirements (21 credit hours)

foreign language

TGM 515 Navigating Global and Regional Business Environments (3)

TGM 545 Global Leadership and Strategy (3)

TGM 557 Global Marketing and Data Analytics (3)

TGM 586 Global Entrepreneurship and Sustainable Business (3)

TGM 596 Thunderbird Experiential Practicum (6)

Culminating Experience (1 credit hour)

TGM 597 Thunderbird Integrative Experience (1)

Additional Curriculum Information

Electives are as approved by the academic unit.

Except for TGM 596 and the foreign language requirement, other requirements coursework may be substituted with approval of the academic unit.

Proficiency in a second language is required for graduation from the Master of Global Management degree program. Students whose native language is not English who meet the admission requirements for the program satisfy the language requirement.

Students whose native language is English must satisfy the graduation requirement for language proficiency by waiving this requirement through an oral proficiency interview administered by a third-party vendor or by successfully completing six credit hours of 400-level or higher of foreign language coursework

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and Thunderbird School of Global Management.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any subject from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:

- graduate admission application and application fee
- official transcripts
- professional resume
- two letters of recommendation
- GRE or GMAT score
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Contact Information:

Global Management, Thunderbird School of
Thunderbird School of Global Management
<https://thunderbird.asu.edu/degrees/graduate/master-global-management>
AZCTR 800
admissions.tbird@asu.edu
602-496-7100

Global Management (Digital Audience Strategy), MGM (TBGMDASMGM)

Online Degree Search Title: Global Management (Digital Audience Strategy), MGM

Campus: Downtown Phoenix

Program Description:

The World Economic Forum reports that empathy and collaboration are two critical abilities for a global manager's success. These abilities rely on the development of social capital, and they are equally critical for those seeking careers in digital audience strategy. This program is designed to develop social capital through field-based action learning, team-based projects and stretch assignments. Students have the ability to build sustainable trusting relationships --- the basis of social capital --- with others from diverse parts of the world by developing intercultural empathy, the ability to have an interpersonal impact and the ability to lead with diplomacy.

Digital marketing is expected to have an 11% compound annual growth through 2021 (Forbes). Similarly, advances in technology have brought programming and data analysis within reach for far less technically trained individuals. This has created a new class of hybrid jobs that combine

digital skills with marketing and design (Burning Glass). In response to this trend, Thunderbird School of Global Management has designed the digital audience strategy concentration within the MGM degree program in collaboration with the Walter Cronkite School of Journalism and Mass Communication: <https://cronkite.asu.edu/> (<https://cronkite.asu.edu/>).

Digital Reach. Global Impact

The target audience for the concentration is comprised of students interested in augmenting their digital skills in the areas of marketing, design and product development. Through a collaborative sequence of courses offered in partnership with other ASU colleges, students are able to combine the global management skills found in graduates of the traditional Master of Global Management with digital expertise.

Strong quantitative and qualitative research methods provide the foundation of effective digital audience strategy, and graduates of the program master the ability to conduct research to identify and reach target audiences and to demonstrate returns on investments.

The research used to identify and reach target audiences through digital audience strategy includes traditional and emerging methods such as real-time website and social media audience analysis, social network analysis, search engine optimization analysis, surveys, focus groups and competitive analysis. Graduates master a range of methods to inform strategy for specific outcomes.

This concentration is perfect for students who are interested in expanding and refining their digital skills in the areas of marketing, design and product development to complement a strong core of global leadership and management skills. A Master of Global Management from Thunderbird with a concentration in digital audience strategy prepares graduates to take on leadership roles around the world in industries such as entertainment, journalism, public relations, marketing and many others.

Thunderbird School of Global Management has produced unique leaders for more than 70 years, leaders in every sector capable of tackling the world's greatest challenges. The alumni network comprises 45,000 graduates and 170 chapters around the globe.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Asia Studies (East Asia), BA
- Asia Studies (South Asia), BA
- Asia Studies (Southeast Asia), BA
- Biological Sciences, BS
- Biological Sciences (Biology and Society), BS
- Biological Sciences (Genetics, Cell and Developmental Biology), BS
- Biological Sciences (Neurobiology, Physiology and Behavior), BS
- Business (Business Administration), BA
- Business (Communication), BA
- Business (Food Industry Management), BA
- Business (Global Agribusiness), BA
- Business (Global Logistics Management), BA
- Business (Global Politics), BA
- Business (Health Care), BA
- Business (Information Security), BA
- Business (Language and Culture), BA
- Business (Law), BA
- Business (Public Service and Public Policy), BA
- Business (Sports Business), BA
- Business (Statistics), BA
- Business (Sustainability), BA
- Business (Technology), BA
- Business (Tourism), BA
- Business Data Analytics, BS
- Business Entrepreneurship, BS
- Economics, BS
- Finance, BS
- Global Health, BA
- Global Management, BGM
- History, BA
- International Trade, BS
- Jewish Studies, BA
- Management, BS
- Marketing, BS
- Marketing (Digital and Integrated Marketing Communications), BS
- Marketing (Professional Sales), BS

Microbiology, BS
Philosophy, BA
Philosophy (Morality, Politics and Law), BA
Religious Studies (Religion, Culture and Public Life), BA
Religious Studies (Religion, Politics and Global Affairs), BA
Supply Chain Management, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

49 credit hours, a foreign language exam, including the required capstone course (TGM 597).

Required Core (3 credit hours)

TGM 506 Communicating and Negotiating Across Cultures (3)

Concentration (12 credit hours)

MCO 561 Defining the Digital Audience (3)

MCO 562 Search Engine Strategy for Digital Audience Acquisition (3)

MCO 563 Social Media Campaigns and Engagement (3)

MCO 564 Digital Audience Research and Behavior (3)

MCO 565 Digital Audience Analytics (3)

Electives (12 credit hours)

Other Requirements (21 credit hours)

foreign language

TGM 515 Navigating Global and Regional Business Environments (3)

TGM 517 Global Accounting and Financial Management (3)

TGM 545 Advanced Perspectives on Global Leadership and Strategy (3)

TGM 557 Global Data and Marketing Analytics (3)

TGM 586 Global Entrepreneurship and Sustainable Business (3)

TGM 596 Thunderbird Experiential Practicum (6)

Culminating Experience (1 credit hour)

TGM 597 Thunderbird Integrative Experience (1)

Additional Curriculum Information

For the concentration coursework, students must take MCO 561, then choose three courses from MCO 562, MCO 563, MCO 564 or MCO 565 for a total of 12 credit hours.

Electives are approved by the academic unit.

Except for TGM 596 and the foreign language requirement, other requirement courses may be substituted with approval of the academic unit.

Proficiency in a second language is required for graduation from the MGM degree program. Students whose native language is not English who meet the admission requirements for the Master of Global Management program satisfy the language requirement.

Students whose native language is English must satisfy the graduation requirement for language proficiency by waiving this requirement through an oral proficiency interview administered by a third-party vendor OR successfully complete six credit hours of 400-level or higher foreign language coursework as part of the program electives.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Thunderbird School of Global Management.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any subject or related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:

- graduate admission application and application fee
- official transcripts

- professional resume
- two letters of recommendation
- GRE or GMAT score
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Contact Information:

Global Management, Thunderbird School of
 Thunderbird School of Global Management
<https://thunderbird.asu.edu/degrees/graduate-degree/master-global-management-in-digital-audience-strategy>
 AZCT 800
 admissions.tbird@asu.edu
 602-496-7100

Global Management (Global Affairs), MGM (TBGMGAMGM)

Online Degree Search Title: Global Management (Global Affairs), MGM

Campus: Downtown Phoenix

Program Description:

Understanding the intersection between business and politics is more important than ever for managers and executives in the private, nonprofit and public sectors. The World Economic Forum's latest Future of Jobs Report and McKinsey Global Institute's Jobs of the Future report both have suggested that transdisciplinary, virtual collaboration and cross-cultural competence are extremely important job skills for the near future. Thunderbird's MGM program with a concentration in global affairs equips students with the knowledge base and hard skills needed to thrive in the growing job markets at the nexus of global business and international politics.

This concentration is designed for students who aspire to take on management and executive positions in government agencies such as the U.S. Department of Commerce, the State Department and the Treasury Department or similar roles in the government of a student's home country. The global affairs concentration also positions graduates for leadership roles in international organizations such as the World Bank or World Trade Organization and in major companies that require analysts to monitor policy trends, managers to oversee global supply chains and representatives to advance global business interests to governments, both domestic and foreign.

Thunderbird School of Global Management has produced unique leaders for more than 70 years, leaders in every sector capable of tackling the world's greatest challenges. The alumni network comprises 45,000 graduates and 170 chapters around the globe.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Asia Studies (East Asia), BA
- Asia Studies (South Asia), BA
- Asia Studies (Southeast Asia), BA
- Biological Sciences, BS
- Biological Sciences (Biology and Society), BS
- Biological Sciences (Genetics, Cell and Developmental Biology), BS
- Biological Sciences (Neurobiology, Physiology and Behavior), BS
- Business (Business Administration), BA
- Business (Communication), BA
- Business (Food Industry Management), BA
- Business (Global Agribusiness), BA
- Business (Global Logistics Management), BA
- Business (Global Politics), BA
- Business (Health Care), BA
- Business (Information Security), BA
- Business (Language and Culture), BA
- Business (Law), BA
- Business (Public Service and Public Policy), BA
- Business (Sports Business), BA
- Business (Statistics), BA
- Business (Sustainability), BA
- Business (Technology), BA
- Business (Tourism), BA

Business Data Analytics, BS
Business Entrepreneurship, BS
Economics, BS
Finance, BS
Global Health, BA
Global Management, BGM
History, BA
International Trade, BS
Jewish Studies, BA
Management, BS
Marketing, BS
Marketing (Digital and Integrated Marketing Communications), BS
Marketing (Professional Sales), BS
Philosophy, BA
Philosophy (Morality, Politics and Law), BA
Religious Studies (Religion, Culture and Public Life), BA
Religious Studies (Religion, Politics and Global Affairs), BA
Supply Chain Management, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

49 credit hours, a foreign language exam, including the required capstone course (TGM 597).

Required Core (3 credit hours)

TGM 506 Communicating and Negotiating Across Cultures (3)

Concentration (12 credit hours)

TGM 508 Regional Business Environment I (3)

TGM 509 Regional Business Environment II (3)

TGM 510 Strategies in Global Development (3)

TGM 573 Country Risk Management (3)

TGM 575 Global Affairs Theory (3)

TGM 576 Global Affairs Methods (3)

TGM 577 International Organizations (3)

Electives (12 credit hours)

Other Requirement (21 credit hours)

foreign language

TGM 515 Navigating Global and Regional Business Environments (3)

TGM 517 Global Accounting and Financial Management (3)

TGM 545 Global Leadership and Strategy (3)

TGM 557 Global Data and Marketing Analytics (3)

TGM 586 Global Entrepreneurship and Sustainable Business (3)

TGM 596 Thunderbird Experiential Practicum (6)

Culminating Experience (1 credit hour)

TGM 597 Thunderbird Integrative Experience (1)

Additional Curriculum Information

For the concentration coursework, students choose four courses from the approved list for a total of 12 credit hours.

Electives are approved by the academic unit.

Except for TGM 596 and the foreign language requirement, other requirement courses may be substituted with approval of the academic unit.

Proficiency in a second language is required for graduation from the Master of Global Management degree program. Students whose native language is not English who meet the admission requirements for the master's degree program satisfy the language requirement.

Students whose native language is English must satisfy the graduation requirement for language proficiency by waiving this requirement through an oral proficiency interview administered by a third-party vendor OR successfully completing six credit hours of 400-level or higher foreign language coursework as part of the program electives.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Thunderbird School of Global Management.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any subject or related field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants are required to submit:

- graduate admission application and application fee
- official transcripts
- professional resume
- two letters of recommendation
- GRE or GMAT score
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Contact Information:

Global Management, Thunderbird School of

Thunderbird School of Global Management

<https://thunderbird.asu.edu/degrees/graduate-degree/master-global-management-in-global-affairs>

AZCT 800

admissions.tbird@asu.edu

602-496-7100

Global Management (Global Business), MGM (TBGMGBMGM)

Online Degree Search Title: Global Management (Global Business), MGM

Campus: Downtown Phoenix

Program Description:

Thunderbird's specialized MGM in global business degree concentration delivers cross-cultural, hands-on training in the nuances of international management, preparing students with the perfect balance of practical and people skills to inspire, influence and drive global success. The concentration in global business allows students to specialize in the various pathways in global business such as global finance, global marketing, supply chain or management consulting. By developing skills such as cross-cultural competency, social and emotional intelligence as well as creative and adaptive thinking, this concentration helps sharpen the global mindset, leadership and management skills and prepares students for a career at the next level as a global manager or leader in their chosen field.

Global business effectiveness requires knowledge and understanding of global dynamics, the ability to simplify and explain complex ideas, and a cosmopolitan view of the world. These three dimensions form the basis of global intellectual capital. In the Master of Global Management degree program, this capital is built inside and outside the classroom through traditional international business curriculum reinforced with field-based projects that apply international business content to illustrate social proof of global intellectual capital mastery. The concentration in global business prepares students who aspire to become global managers or leaders in their chosen fields.

Thunderbird School of Global Management has produced unique leaders for more than 70 years, leaders in every sector capable of tackling the world's greatest challenges. The alumni network comprises 45,000 graduates and 170 chapters around the globe.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Asia Studies (East Asia), BA

Asia Studies (South Asia), BA

Asia Studies (Southeast Asia), BA

Biological Sciences, BS

Biological Sciences (Biology and Society), BS

Biological Sciences (Genetics, Cell and Developmental Biology), BS

Biological Sciences (Neurobiology, Physiology and Behavior), BS

Business (Business Administration), BA

Business (Communication), BA

Business (Food Industry Management), BA
 Business (Global Agribusiness), BA
 Business (Global Logistics Management), BA
 Business (Global Politics), BA
 Business (Health Care), BA
 Business (Information Security), BA
 Business (Language and Culture), BA
 Business (Law), BA
 Business (Public Service and Public Policy), BA
 Business (Sports Business), BA
 Business (Statistics), BA
 Business (Sustainability), BA
 Business (Technology), BA
 Business (Tourism), BA
 Business Data Analytics, BS
 Business Entrepreneurship, BS
 Economics, BS
 Finance, BS
 Global Health, BA
 Global Management, BGM
 History, BA
 International Trade, BS
 Jewish Studies, BA
 Management, BS
 Marketing, BS
 Marketing (Digital and Integrated Marketing Communications), BS
 Marketing (Professional Sales), BS
 Microbiology, BS
 Philosophy, BA
 Philosophy (Morality, Politics and Law), BA
 Religious Studies (Religion, Culture and Public Life), BA
 Religious Studies (Religion, Politics and Global Affairs), BA
 Supply Chain Management, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

49 credit hours, a foreign language exam, including the required capstone course (TGM 597).

Required Core (3 credit hours)

TGM 506 Communicating and Negotiating Across Cultures (3)

Concentration (12 credit hours)

HSM 550 Health Care Marketing (3)

SCM 502 Operations and Supply Chain Management (3)

SCM 520 Strategic Procurement (3)

SCM 541 Logistics in the Supply Chain (3)

SCM 542 Logistics in the Emerging Markets and in Economic Development (3)

TGM 507 Global Organizational Consulting (3)

TGM 518 International Finance and Trade (3)

TGM 519 Global Financial Engineering (3)

TGM 523 Global Investments (3)

TGM 524 Valuation of the Private Firm (3)

TGM 525 Global Financing and Forecasting for the Private Firm (3)

TGM 527 Global Private Equity (3)

TGM 528 Business Intelligence (3)

TGM 529 Multinational Corporate Finance (FORAD) (3)

TGM 538 Corporate Partners (3)

TGM 546 Regional Industrial Analysis (3)

TGM 547 Leading Change and Transformation in a Global Environment (3)

TGM 553 Global Customer Decision Making (3)

TGM 554 Global Marketing Research (3)

TGM 556 Global Strategic Services Marketing (3)

TGM 558 Global Data Analysis for Strategic Marketing (3)

TGM 559 Global Brand Management (3)
TGM 585 Corporate Social Responsibility in a Global Context (3)

Electives (12 credit hours)

Other Requirement (21 credit hours)

foreign language

TGM 515 Navigating Global and Regional Business Environments (3)
TGM 517 Global Accounting and Financial Management (3)
TGM 545 Advanced Perspectives on Global Leadership and Strategy (3)
TGM 557 Global Data and Marketing Analytics (3)
TGM 586 Global Entrepreneurship and Sustainable Business (3)
TGM 596 Thunderbird Experiential Practicum (6)

Culminating Experience (1 credit hour)

TGM 597 Thunderbird Integrative Experience (1)

Additional Curriculum Information

For the concentration coursework, students choose four courses from the approved list for a total of 12 credit hours.

Students specialize their electives in various areas in global business such as global finance, global marketing or global leadership. Electives are as approved by the academic unit.

Except for TGM 596 and the foreign language requirement, other requirement courses may be substituted with approval of the academic unit.

Proficiency in a second language is required for graduation from the Master of Global Management degree program. Students whose native language is not English and who meet admission requirements for the program satisfy the language requirement.

Students whose native language is English must satisfy the graduation requirement for language proficiency by waiving this requirement through an oral proficiency interview administered by a third-party vendor OR successfully completing six credit hours of 40- level or higher foreign language coursework as part of the program electives.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Thunderbird School of Global Management.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any subject or related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- professional resume
- two letters of recommendation
- GRE or GMAT score
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Contact Information:

Global Management, Thunderbird School of
Thunderbird School of Global Management
<https://thunderbird.asu.edu/degrees/graduate-degree/master-global-management-in-global-business>
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admissions.tbird@asu.edu
602-496-7100

Global Management (Global Development and Innovation), MGM (TBGMGDIMGM)

Online Degree Search Title: Global Management (Global Development and Innovation), MGM
Academic Catalog Archive 2020-2021

Campus: Downtown Phoenix

Program Description:

Recent research reveals that graduate programs in international development are in high demand. In fact, Devex found that the master's in international development was No. 3 in their survey of most demanded degrees (Devex, 2016). In a study of international development graduates in Canada, researchers found that over 86% of graduates were employed (Tiessen and Cameron, 2017).

In order to meet this current demand, Thunderbird created the development and innovation concentration within the MGM degree program. Offered in collaboration with the School for the Future of Innovation in Society (<https://sfis.asu.edu/school-future-innovation-society>), the Master of Global Management in global development and innovation prepares global leaders to leverage innovation strategies to tackle development and planetary challenges. The ability to access the tremendous resources available throughout ASU for a truly customizable and transdisciplinary education sets this degree program apart.

This unique academic concentration is relevant to development practitioners who seek to complement their skills and experience and to those interested in pursuing careers in international development agencies within and beyond government as well as in nongovernmental organizations and community organizations at local, national and international levels.

Graduates are equipped with the analytical and practical skills and experience needed to engage critically as leaders in issues around innovation and development and to work across the intersections of innovation, development policy and global management. They are prepared to make a positive impact as a leader alongside the school's global alumni network of 45,000 other leaders who are making a difference. Graduates have opportunities around the world to tackle some of humanity's most difficult and urgent challenges. They are on the frontline working as leaders, making a difference and advancing Thunderbird's vision of a world with inclusive and sustainable prosperity.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Asia Studies (East Asia), BA
- Asia Studies (South Asia), BA
- Asia Studies (Southeast Asia), BA
- Biological Sciences, BS
- Biological Sciences (Biology and Society), BS
- Biological Sciences (Genetics, Cell and Developmental Biology), BS
- Biological Sciences (Neurobiology, Physiology and Behavior), BS
- Business (Business Administration), BA
- Business (Communication), BA
- Business (Food Industry Management), BA
- Business (Global Agribusiness), BA
- Business (Global Logistics Management), BA
- Business (Global Politics), BA
- Business (Health Care), BA
- Business (Information Security), BA
- Business (Language and Culture), BA
- Business (Law), BA
- Business (Public Service and Public Policy), BA
- Business (Sports Business), BA
- Business (Statistics), BA
- Business (Sustainability), BA
- Business (Technology), BA
- Business (Tourism), BA
- Business Data Analytics, BS
- Business Entrepreneurship, BS
- Economics, BS
- Finance, BS
- Global Health, BA
- Global Management, BGM
- History, BA
- International Trade, BS
- Jewish Studies, BA
- Management, BS
- Marketing, BS
- Marketing (Digital and Integrated Marketing Communications), BS
- Marketing (Professional Sales), BS
- Microbiology, BS

Philosophy, BA
Philosophy (Morality, Politics and Law), BA
Religious Studies (Religion, Culture and Public Life), BA
Religious Studies (Religion, Politics and Global Affairs), BA
Supply Chain Management, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

49 credit hours, a foreign language exam, including the required capstone course (TGM 597).

Required Core (3 credit hours)

TGM 506 Communicating and Negotiating Across Cultures (3)

Concentration (12 credit hours)

GTD 501 Global Technology and Development (3)

GTD 503 Technology and the International Political System (3)

GTD 504 Technology and Development in Zones of Conflict (3)

GTD 505 Research Design in Technology and Development (3)

GTD 506 Quantitative Analysis in Technology and Development (3)

GTD 507 Technology and Development in the Middle East (3)

GTD 508 Technology and Development in Latin America (3)

GTD 509 Technology and Development in North Africa (3)

GTD 510 Technology and Development in Sub-Saharan Africa (3)

GTD 511 Development Policy and Practices (3)

Electives (12 credit hours)

Other Requirements (21 credit hours)

foreign language

TGM 515 Navigating Global and Regional Business Environments (3)

TGM 517 Global Accounting and Financial Management (3)

TGM 545 Advanced Perspectives on Global Leadership and Strategy (3)

TGM 557 Global Data and Marketing Analytics (3)

TGM 586 Global Entrepreneurship and Sustainable Business (3)

TGM 596 Thunderbird Experiential Practicum (6)

Culminating Experience (1 credit hour)

TGM 597 Thunderbird Integrative Experience (1)

Additional Curriculum Information

For the concentration coursework, students choose four courses from the approved list for a total of 12 credit hours.

Electives are approved by the academic unit.

Except for TGM 596 and the foreign language requirement, other requirement courses may be substituted with approval of the academic unit.

Proficiency in a second language is required for graduation from the MGM degree program. Students whose native language is not English who meet the admission requirements for the Master of Global Management program satisfy the language requirement.

Students whose native language is English must satisfy the graduation requirement for language proficiency by waiving this requirement through an oral proficiency interview administered by a third party vendor OR successfully completing six credit hours of 400-level or higher of foreign language coursework as part of the program electives.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Thunderbird School of Global Management.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any subject or related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:

- graduate admission application and application fee
- official transcripts
- professional resume
- two letters of recommendation
- GRE or GMAT score
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Contact Information:

Global Management, Thunderbird School of

Thunderbird School of Global Management

<https://thunderbird.asu.edu/degrees/graduate-degree/master-global-management-in-global-development-and-innovation>

AZCT 800

admissions.tbird@asu.edu

602-496-7100

Global Management (Global Digital Transformation), MGM (TBGMGDTMGM)

Online Degree Search Title: Global Management (Global Digital Transformation), MGM

Campus: Downtown Phoenix

Program Description:

Digital marketing is expected to have an 11% compound annual growth through 2021 (Forbes). Similarly, advances in technology have made programming and data analysis accessible to individuals with less advanced technical training. This has created a class of hybrid jobs that combine digital skills with marketing and design (Burning Glass). The World Economic Forum, Future of Jobs Survey and the Jobs of the Future report by McKinsey Global Institute 2017 listed transdisciplinary, new media literacy and virtual collaboration as important job skills for the future.

In response to this trend, Thunderbird has designed the global digital transformation concentration within the MGM degree program.

This concentration is offered to students interested in augmenting their digital skills in the areas of marketing, design and product development. Through collaborative courses offered in partnership with other ASU colleges, students may combine the global management skills of the Master of Global Management with digital expertise to create a dual specialization that will continue to be in high demand throughout the global economy.

The World Economic Forum reports that empathy and collaboration are two critical abilities for a global manager's success. These abilities are equally critical for those seeking careers in global digital transformation. They are skills that rely on the development of social capital. This program is designed to develop a student's social capital through field-based action learning, team-based projects and stretch assignments. Students have the ability to build sustainable trusting relationships --- the basis of social capital --- with others from diverse parts of the world. By developing a deep capacity for intercultural empathy, the ability to have an interpersonal impact and the ability to act with diplomacy, graduates are prepared to take on a leadership role in a global organization.

Digital transformation is a field that is highly sought after. However, technical skills need to be supplemented with a strong repertoire of leadership and collaboration skills. The Master of Global Management program with a concentration in global digital transformation expands students' choices of electives and fuses technological skills with managerial skills. In this concentration, students combine the global management skills of the Master of Global Management with digital expertise by specializing in the various pathways of global digital transformation through program coursework.

Thunderbird School of Global Management has produced unique leaders for more than 70 years, leaders in every sector capable of tackling the world's greatest challenges. The alumni network comprises 45,000 graduates and 170 chapters around the globe.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Asia Studies (East Asia), BA
- Asia Studies (South Asia), BA
- Asia Studies (Southeast Asia), BA
- Biological Sciences, BS
- Biological Sciences (Biology and Society), BS
- Biological Sciences (Genetics, Cell and Developmental Biology), BS
- Biological Sciences (Neurobiology, Physiology and Behavior), BS
- Business (Business Administration), BA
- Business (Communication), BA

Business (Food Industry Management), BA
 Business (Global Agribusiness), BA
 Business (Global Logistics Management), BA
 Business (Global Politics), BA
 Business (Health Care), BA
 Business (Information Security), BA
 Business (Language and Culture), BA
 Business (Law), BA
 Business (Public Service and Public Policy), BA
 Business (Sports Business), BA
 Business (Statistics), BA
 Business (Sustainability), BA
 Business (Technology), BA
 Business (Tourism), BA
 Business Data Analytics, BS
 Business Entrepreneurship, BS
 Economics, BS
 Finance, BS
 Global Health, BA
 Global Management, BGM
 History, BA
 International Trade, BS
 Jewish Studies, BA
 Management, BS
 Marketing, BS
 Marketing (Digital and Integrated Marketing Communications), BS
 Marketing (Professional Sales), BS
 Microbiology, BS
 Philosophy, BA
 Philosophy (Morality, Politics and Law), BA
 Religious Studies (Religion, Culture and Public Life), BA
 Religious Studies (Religion, Politics and Global Affairs), BA
 Supply Chain Management, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

49 credit hours, a foreign language exam, including the required capstone course (TGM 597).

Required Core (3 credit hours)

TGM 506 Communicating and Negotiating Across Cultures (3)

Concentration (9 credit hours)

TGM 530 Big Data in the Age of the Global Economy (3)

TGM 554 Global Marketing Research (3)

TGM 558 Global Data Analytics for Strategic Marketing (3)

Electives (15 credit hours)

Other Requirement (21 credit hours)

foreign language

TGM 515 Navigating Global and Regional Business Environments (3)

TGM 517 Global Accounting and Financial Management (3)

TGM 545 Advanced Perspectives on Global Leadership and Strategy (3)

TGM 557 Global Data and Marketing Analytics (3)

TGM 586 Global Entrepreneurship and Sustainable Business (3)

TGM 596 Thunderbird Experiential Practicum (6)

Culminating Experience (1 credit hour)

TGM 597 Thunderbird Integrative Experience (1)

Additional Curriculum Information

Electives are approved by the academic unit.

Except for TGM 596 and the foreign language requirement, other requirement courses may be substituted with approval of the academic unit.

Proficiency in a second language is required for graduation from the Master of Global Management degree program. Students whose native language is not English and who meet the admission requirements for the program satisfy the language requirement.

Students whose native language is English must satisfy the graduation requirement for language proficiency by waiving this requirement through an oral proficiency interview administered by a third-party vendor OR successfully completing six credit hours of 400-level or higher foreign language coursework as part of the program electives.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Thunderbird School of Global Management.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any subject or related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- professional resume
- two letters of recommendation
- GRE or GMAT score
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Contact Information:

Global Management, Thunderbird School of

Thunderbird School of Global Management

<https://thunderbird.asu.edu/degrees/graduate-degree/master-global-management-in-global-digital-transformation>

AZCT 800

admissions.tbird@asu.edu

602-496-7100

Global Management (Global Entrepreneurship), MGM (TBGMGEMGM)

Online Degree Search Title: Global Management (Global Entrepreneurship), MGM

Campus: Downtown Phoenix

Program Description:

Global Entrepreneurship Monitor 2017--18, Global Report, suggested that entrepreneurship activities continue to grow globally. Increasingly, these innovative activities were triggered by opportunities rather than by the kinds of necessity that historically drove creativity for many decades around the world. The new digital technological transformation has created tremendous opportunities and led to an increase in the need for new, creative ventures. Additionally, the report also found that the change in attitude toward entrepreneurship and regulations in various countries had sparked and perpetuated entrepreneurship activities.

To meet this market need, Thunderbird has designed the global entrepreneurship concentration within the school's top-ranked MGM degree program.

This concentration is offered to students who are interested in starting their own business or who need to be entrepreneurial in the organizations they work for. This concentration sharpens entrepreneurial skills, helps develop business plans for global enterprises and promotes innovation and economic growth globally.

The World Economic Forum reports that empathy and collaboration are two critical abilities for a global leader's success. These abilities are equally critical for those seeking careers in global entrepreneurship, and they rely on the development of social capital. This academic concentration is designed to develop a student's social capital through field-based action learning, team-based projects and stretch assignments. Students learn and master proven methods and techniques to build sustainable, trusting relationships --- the basis of social capital --- with others from diverse parts of the world, developing intercultural empathy, the ability to have an interpersonal impact and the mental dexterity to act with diplomacy.

Global entrepreneurs are innovators who use their international business acumen and professional connections to identify transnational and cross-

cultural opportunities, turning them into new value-generating initiatives. The Master of Global Management program with a concentration in global entrepreneurship provides a broad foundation of international business knowledge and sharpens students' entrepreneurial skills by helping develop business plans for global enterprises. This concentration offers learning opportunities specifically designed to foster innovation and economic growth worldwide to stimulate the growth of students into global entrepreneurs. Students build on a base of skills in areas such as finance and accounting with specialized education in research, pitching business ideas and analyzing markets for the viability of new products and services.

Thunderbird School of Global Management has produced unique leaders for more than 70 years, leaders in every sector capable of tackling the world's greatest challenges. The alumni network comprises 45,000 graduates and 170 chapters around the globe.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Asia Studies (East Asia), BA
- Asia Studies (South Asia), BA
- Asia Studies (Southeast Asia), BA
- Biological Sciences, BS
- Biological Sciences (Biology and Society), BS
- Biological Sciences (Genetics, Cell and Developmental Biology), BS
- Biological Sciences (Neurobiology, Physiology and Behavior), BS
- Business (Business Administration), BA
- Business (Communication), BA
- Business (Food Industry Management), BA
- Business (Global Agribusiness), BA
- Business (Global Logistics Management), BA
- Business (Global Politics), BA
- Business (Health Care), BA
- Business (Information Security), BA
- Business (Language and Culture), BA
- Business (Law), BA
- Business (Public Service and Public Policy), BA
- Business (Sports Business), BA
- Business (Statistics), BA
- Business (Sustainability), BA
- Business (Technology), BA
- Business (Tourism), BA
- Business Data Analytics, BS
- Business Entrepreneurship, BS
- Economics, BS
- Finance, BS
- Global Health, BA
- Global Management, BGM
- History, BA
- International Trade, BS
- Jewish Studies, BA
- Management, BS
- Marketing, BS
- Marketing (Digital and Integrated Marketing Communications), BS
- Marketing (Professional Sales), BS
- Microbiology, BS
- Philosophy, BA
- Philosophy (Morality, Politics and Law), BA
- Religious Studies (Religion, Culture and Public Life), BA
- Religious Studies (Religion, Politics and Global Affairs), BA
- Supply Chain Management, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

49 credit hours, a foreign language exam, including the required capstone course (TGM 597).

Required Core (3 credit hours)

TGM 506 Communicating and Negotiating Across Cultures (3)

Concentration (9 credit hours)

TGM 524 Valuation of the Private Firm (3)

TGM 525 Global Financing and Forecasting for the Private Firm (3)

TGM 527 Global Private Equity (3)

Electives (12 credit hours)

Other Requirement (24 credit hours)

foreign language

TGM 515 Navigating Global and Regional Business Environments (3)

TGM 517 Global Accounting and Financial Management (3)

TGM 545 Advanced Perspectives on Global Leadership and Strategy (3)

TGM 557 Global Data and Marketing Analytics (3)

TGM 586 Global Entrepreneurship and Sustainable Business (3)

TGM 596 Thunderbird Experiential Practicum (6)

TGM 598 Special Topics: The Global Business Plan (3)

Culminating Experience (1 credit hour)

TGM 597 Thunderbird Integrative Experience (1)

Additional Curriculum Information

Electives are approved by the academic unit.

Except for TGM 596 and the foreign language requirement, other requirement courses may be substituted with approval of the academic unit.

Proficiency in a second language is required for graduation from the MGM degree program. Students whose native language is not English who meet the admission requirements for the Master of Global Management program satisfy the language requirement.

Students whose native language is English must satisfy the graduation requirement for language proficiency by waiving this requirement through an oral proficiency interview administered by a third-party vendor OR successfully completing six credit hours of 400-level or higher foreign language coursework as part of the program electives.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Thunderbird School of Global Management.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any subject or related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:

- graduate admission application and application fee
- official transcripts
- professional resume
- two letters of recommendation
- GRE or GMAT score
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Contact Information:

Global Management, Thunderbird School of

Thunderbird School of Global Management

<https://thunderbird.asu.edu/degrees/graduate-degree/master-global-management-in-global-entrepreneurship>

AZCT 800

admissions.tbird@asu.edu

602-496-7100

Online Degree Search Title: Global Management (Global Health Care Delivery), MGM

Campus: Downtown Phoenix

Program Description:

Students gain practical skills and hands-on experience in both global management and health care delivery. Due to the aging population of the U.S. and the world, many careers of the future will involve health care services, including health care management and delivery. The U.S. Bureau of Labor Statistics predicts that careers in the field of medical and health care management will grow 20% between 2016-2026. The Bureau also estimates the median annual wage for health care managers is almost twice that of the U.S. median, making these leadership positions not only lucrative but impactful.

This MGM concentration allows graduates to meet the growing need for skilled health care managers who possess a solid foundation of international business skills and a global mindset.

The Master of Global Management program with a concentration in global health care delivery is designed for current or aspiring executives and managers in health care who would like to hone their leadership and business skills to position themselves for careers leading health care organizations around the world. Some health care practitioners, such as nurses and doctors, may also use the degree as a way to move from clinical practice into management roles.

The concentration in global health care delivery addresses the current and future needs of the management workforce in the health care industry globally, including C-suite executives and administrators, health care providers (physicians, physician assistants, nurse practitioners and nurses), frontline staff (respiratory therapists, occupational therapists, physical therapists and dietitians) and students in medical disciplines. Students master core and advanced skills in designing systems, processes and mechanisms used to optimize health care delivery anywhere in the world. In addition, students integrate evidence-based financial principles geared toward improved individual and population health outcomes, such as leadership strategies in change management, for example.

This concentration is offered in collaboration with the College of Health Solutions. <https://chs.asu.edu/> (<https://chs.asu.edu/>)

Thunderbird School of Global Management has produced unique leaders for more than 70 years, leaders in every sector capable of tackling the world's greatest challenges. The alumni network comprises 45,000 graduates and 170 chapters around the globe.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Asia Studies (East Asia), BA
- Asia Studies (South Asia), BA
- Asia Studies (Southeast Asia), BA
- Biological Sciences, BS
- Biological Sciences (Biology and Society), BS
- Biological Sciences (Genetics, Cell and Developmental Biology), BS
- Biological Sciences (Neurobiology, Physiology and Behavior), BS
- Business (Business Administration), BA
- Business (Communication), BA
- Business (Food Industry Management), BA
- Business (Global Agribusiness), BA
- Business (Global Logistics Management), BA
- Business (Global Politics), BA
- Business (Health Care), BA
- Business (Information Security), BA
- Business (Language and Culture), BA
- Business (Law), BA
- Business (Public Service and Public Policy), BA
- Business (Sports Business), BA
- Business (Statistics), BA
- Business (Sustainability), BA
- Business (Technology), BA
- Business (Tourism), BA
- Business Data Analytics, BS
- Business Entrepreneurship, BS
- Economics, BS
- Finance, BS
- Global Health, BA
- Global Management, BGM
- History, BA

International Trade, BS
Jewish Studies, BA
Management, BS
Marketing, BS
Marketing (Digital and Integrated Marketing Communications), BS
Marketing (Professional Sales), BS
Microbiology, BS
Philosophy, BA
Philosophy (Morality, Politics and Law), BA
Religious Studies (Religion, Culture and Public Life), BA
Religious Studies (Religion, Politics and Global Affairs), BA
Supply Chain Management, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

49 credit hours, a foreign language exam, including the required capstone course (TGM 597).

Required Core (3 credit hours)

TGM 506 Communicating and Negotiating Across Cultures (3)

Concentration (12 credit hours)

HCD 502 Health Care Systems and Design (3)

HCD 520 Population Health (3)

HCD 521 Law and Health Promotion (3)

HCD 532 Health Care Management and Finance (3)

HCD 540 Seminar in Science of Health Care Delivery (3)

Electives (12 credit hours)

Other Requirements (21 credit hours)

Foreign Language

TGM 515 Navigating Global and Regional Business Environments (3)

TGM 517 Global Accounting and Financial Management (3)

TGM 545 Advanced Perspectives on Global Leadership and Strategy (3)

TGM 557 Global Data and Marketing Analytics (3)

TGM 586 Global Entrepreneurship and Sustainable Business (3)

TGM 596 Thunderbird Experiential Practicum (6)

Culminating Experience (1 credit hour)

TGM 597 Thunderbird Integrative Experience (1)

Additional Curriculum Information

For the concentration coursework, students choose four courses from the approved list for a total of 12 credit hours.

Electives are as approved by the academic unit.

Except for TGM 596 and the foreign language requirement, other requirement courses may be substituted with approval of the academic unit

Proficiency in a second language is required for graduation from the MGM degree. Students whose native language is not English who meet the admission requirements for the MGM program satisfy the language requirement.

Students whose native language is English must satisfy the graduation requirement for language proficiency by waiving this requirement through an oral proficiency interview administered by a third-party vendor OR successfully completing six credit hours of 400-level or higher of foreign language coursework as part of the program electives.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Thunderbird School of Global Management.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any subject or related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or

applicants must have a minimum cumulative GPA of 3.00(scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:

- graduate admission application and application fee
- official transcripts
- professional resume
- two letters of recommendation
- GRE or GMAT score
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Contact Information:

Global Management, Thunderbird School of

Thunderbird School of Global Management

<https://thunderbird.asu.edu/degrees/graduate-degree/master-global-management-in-global-healthcare-delivery>

AZCT 800

admissions.tbird@asu.edu

602-496-7100

Global Management (Global Legal Studies), MGM (TBGMGLSMGM)

Online Degree Search Title: Global Management (Global Legal Studies), MGM

Campus: Downtown Phoenix

Program Description:

Jobs in the legal professions are expected to grow 9% between 2020 and 2026 (Bureau of Labor Statistics 1). However, many legal firms are consolidating and outsourcing legal processing and support (Kane, 2018). As the demand for lawyers decreases, a converse increase in support services is expected (BLS 1). Similarly, nonlegal management careers increasingly require knowledge of the law. From human resources to procurement, professionals with strong foundational knowledge of global legal issues are in demand.

To meet this market need, Thunderbird has designed the global legal studies concentration within the MGM degree program.

The concentration is designed for students with a desire to work in areas requiring knowledge of global legal issues but who may not want to be lawyers. Other students may use this concentration as an introduction to legal studies before pursuing law school. In this Master of Global Management program, students gain transdisciplinary global management and legal expertise that open doors in multiple sectors within organizations operating around the world. This concentration is offered in collaboration with the Sandra Day O'Connor College of Law: <https://law.asu.edu/> (<https://law.asu.edu/>).

The first step in understanding and applying laws is developing an understanding of basic legal principles and then using those principles to identify and analyze relevant legal issues. The foundational courses of the Master of Global Management with a concentration in global legal studies lead to mastery of the relevant legal principles while developing legal analysis skills, mainly through case briefings, such as identifying a particular case's legal issue, articulating the legal rule, discussing the court's analysis and concluding. These legal analysis skills are tested on final exams in the foundational courses through hypothetical fact scenarios. Students gain and master the ability to understand legal principles --- the basis of legal analysis --- and to apply them in their field of interest.

The Master of Global Management program with a concentration in global legal studies is perfect for students who desire to work in public, private or nonprofit sector roles within an organization that operates around the world or has an international scope.

Thunderbird School of Global Management has produced unique leaders for more than 70 years, leaders in every sector capable of tackling the world's greatest challenges. The alumni network comprises 45,000 graduates and 170 chapters around the globe.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Asia Studies (East Asia), BA

Asia Studies (South Asia), BA

Asia Studies (Southeast Asia), BA

Biological Sciences, BS

Biological Sciences (Biology and Society), BS

Biological Sciences (Genetics, Cell and Developmental Biology), BS

Biological Sciences (Neurobiology, Physiology and Behavior), BS

Business (Business Administration), BA
 Business (Communication), BA
 Business (Food Industry Management), BA
 Business (Global Agribusiness), BA
 Business (Global Logistics Management), BA
 Business (Global Politics), BA
 Business (Health Care), BA
 Business (Information Security), BA
 Business (Language and Culture), BA
 Business (Law), BA
 Business (Public Service and Public Policy), BA
 Business (Sports Business), BA
 Business (Statistics), BA
 Business (Sustainability), BA
 Business (Technology), BA
 Business (Tourism), BA
 Business Data Analytics, BS
 Business Entrepreneurship, BS
 Economics, BS
 Finance, BS
 Global Health, BA
 Global Management, BGM
 History, BA
 International Trade, BS
 Jewish Studies, BA
 Management, BS
 Marketing, BS
 Marketing (Digital and Integrated Marketing Communications), BS
 Marketing (Professional Sales), BS
 Microbiology, BS
 Philosophy, BA
 Philosophy (Morality, Politics and Law), BA
 Religious Studies (Religion, Culture and Public Life), BA
 Religious Studies (Religion, Politics and Global Affairs), BA
 Supply Chain Management, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

49 credit hours, a foreign language exam, including the required capstone course (TGM 597).

Required Core (3 credit hours)

TGM 506 Communicating and Negotiating Across Cultures (3)

Concentration (9 credit hours)

LAW 581 U.S. Law and Legal Analysis (3)

LAW 615 Public International Law (3)

LAW 654 Business Organizations (3)

Electives (15 credit hours)

Other Requirements (21 credit hours)

foreign language

TGM 515 Navigating Global and Regional Business Environments (3)

TGM 517 Global Accounting and Financial Management (3)

TGM 545 Advanced Perspectives on Global Leadership and Strategy (3)

TGM 557 Global Data and Marketing Analytics (3)

TGM 586 Global Entrepreneurship and Sustainable Business (3)

TGM 596 Thunderbird Experiential Practicum (6)

Culminating Experience (1 credit hour)

TGM 597 Thunderbird Integrative Experience (1)

Additional Curriculum Information

Electives are approved by the academic unit.

Except for TGM 596 and the foreign language requirement, other requirement courses may be substituted with approval of the academic unit.

Proficiency in a second language is required for graduation from the MGM degree program. Students whose native language is not English who meet the admission requirements for the Master of Global Management program satisfy the language requirement.

Students whose native language is English must satisfy the graduation requirement for language proficiency by waiving this requirement through an oral proficiency interview administered by a third-party vendor OR successfully completing six credit hours of 400-level or higher foreign language coursework as part of the program electives

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Thunderbird School of Global Management.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any subject or related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:

- graduate admission application and application fee
- official transcripts
- professional resume
- two letters of recommendation
- GRE or GMAT score
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Contact Information:

Global Management, Thunderbird School of

Thunderbird School of Global Management

<https://thunderbird.asu.edu/degrees/graduate-degree/master-global-management-in-global-legal-studies>

AZCT 800

admissions.tbird@asu.edu

602-496-7100

Global Management (Integrated Health Care), MGM (TBGMIHCMGM)

Online Degree Search Title: Global Management (Integrated Health Care), MGM

Campus: Downtown Phoenix

Program Description:

The World Economic Forum reports that empathy and collaboration are two critical abilities for a global manager's success. These abilities are equally critical for those seeking careers in integrated health care. Capacity for these key abilities relies on the development of social capital. This program is designed to develop social capital through field-based action learning, team-based projects and stretch assignments. Students earn the ability to build sustainable, trusting relationships --- the basis of social capital --- with others from diverse parts of the world by mastering intercultural empathy, the ability to have an interpersonal impact and the business acumen to act with diplomacy.

Delivering Care with Global Reach

Due to aging populations globally, many jobs of the future will involve health care services. The triple aim of improving patient experience of care, population health management and cost-savings has made integrated health care very popular, with professionals in extremely high demand. The Bureau of Labor Statistics predicts that jobs in the area of medical and health care management will grow 20% between 2020 and 2026. The bureau also estimates the median annual wage for health care managers at \$98,000, well above the U.S. median. In order to meet the growing need for integrated health care managers and executives, Thunderbird School of Global Management created the integrated health care concentration within the highly ranked MGM degree program in partnership with the College of Health Solutions.

The concentration in integrated health care is designed for current or aspiring managers in health care who would like to develop, implement, evaluate and sustain integrated care programs in diverse health care settings globally. Students gain perspectives on both global management and integrated health care in this program.

Doing Well by Doing Good with a Degree

Students in this program master the ability to apply foundational concepts and analytics of health care and integrated care to transform health care management practices. By learning key aspects of health care systems, culture and population, and workforce issues necessary to implement, evaluate and sustain integrated care delivery globally, graduates position themselves to enter the workforce in leadership roles in which they can make a difference. Graduates achieve a demonstrated proficiency in cross-cultural leadership, interdisciplinary teamwork, change management and health care technologies so they can develop innovative clinical, operational and financial strategies and techniques.

Thunderbird School of Global Management has produced unique leaders for more than 70 years, leaders in every sector capable of tackling the world's greatest challenges. The alumni network comprises 45,000 graduates and 170 chapters around the globe.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Asia Studies (East Asia), BA
- Asia Studies (South Asia), BA
- Asia Studies (Southeast Asia), BA
- Biological Sciences, BS
- Biological Sciences (Biology and Society), BS
- Biological Sciences (Genetics, Cell and Developmental Biology), BS
- Biological Sciences (Neurobiology, Physiology and Behavior), BS
- Business (Business Administration), BA
- Business (Communication), BA
- Business (Food Industry Management), BA
- Business (Global Agribusiness), BA
- Business (Global Logistics Management), BA
- Business (Global Politics), BA
- Business (Health Care), BA
- Business (Information Security), BA
- Business (Language and Culture), BA
- Business (Law), BA
- Business (Public Service and Public Policy), BA
- Business (Sports Business), BA
- Business (Statistics), BA
- Business (Sustainability), BA
- Business (Technology), BA
- Business (Tourism), BA
- Business Data Analytics, BS
- Business Entrepreneurship, BS
- Economics, BS
- Finance, BS
- Global Health, BA
- Global Management, BGM
- History, BA
- International Trade, BS
- Management, BS
- Marketing, BS
- Marketing (Digital and Integrated Marketing Communications), BS
- Marketing (Professional Sales), BS
- Microbiology, BS
- Philosophy, BA
- Religious Studies (Religion, Politics and Global Affairs), BA
- Supply Chain Management, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

49 credit hours, a foreign language exam, including the required capstone course (TGM 597).

Required Core (3 credit hours)

TGM 506 Communicating and Negotiating Across Cultures (3)

Concentration (12 credit hours)

IBC 520 Integrated Health: The Patient-Centered Medical Home (PCMH) (3)

IBC 540 Integrated Health Care Process Improvement (3)

IBC 550 Integrated Health Care Operations (3)

IBC 585 Team-Based Consultation and Leadership (3)

Electives (12 credit hours)

Other Requirements (21 credit hours)

foreign language

TGM 515 Navigating Global and Regional Business Environments (3)

TGM 517 Global Accounting and Financial Management (3)

TGM 545 Advanced Perspectives on Global Leadership and Strategy (3)

TGM 557 Global Data and Marketing Analytics (3)

TGM 586 Global Entrepreneurship and Sustainable Business (3)

TGM 596 Thunderbird Experiential Practicum (6)

Culminating Experience (1 credit hour)

TGM 597 Thunderbird Integrative Experience (1)

Additional Curriculum Information

Electives are as approved by the academic unit.

Except for TGM 596 and the foreign language requirement, other requirement courses may be substituted with approval of the academic unit.

Proficiency in a second language is required for graduation from the MGM degree. Students whose native language is not English who meet the admission requirements for the MGM program satisfy the language requirement.

Students whose native language is English must satisfy the graduation requirement for language proficiency by waiving this requirement through an oral proficiency interview administered by a third-party vendor OR successfully completing six credit hours of 400-level or higher of foreign language coursework as part of the program electives.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Thunderbird School of Global Management.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any subject or related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:

- graduate admission application and application fee
- official transcripts
- professional resume
- two letters of recommendation
- GRE or GMAT score
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Contact Information:

Global Management, Thunderbird School of

Thunderbird School of Global Management

<https://thunderbird.asu.edu/degrees/graduate-degree/master-global-management-in-integrated-healthcare>

AZCT 800

admissions.tbird@asu.edu

602-496-7100

Global Management (Nonprofit Leadership and Management), MGM (TBGMNLMGM)

Online Degree Search Title: Global Management (Nonprofit Leadership and Management), MGM

Campus: Downtown Phoenix

Program Description:

In 2014, nonprofit organizations contributed \$977 billion to the U.S. economy (Gaddy, 2016). Similarly, nonprofit leadership and management jobs grew 6.4% from 2016 to 2017 (EMSI, 2018). Not surprisingly, today's graduates are demanding careers that both pay well and are purpose-driven (Field, 2017). Nonprofit organizations around the world are poised to meet the double-bottom line mentality of millennials. Thunderbird has created the nonprofit leadership and management concentration within the MGM degree program to prepare students for these roles.

Because the lines between the functions of nonprofit and for-profit organizations are increasingly blurry, Thunderbird's renowned faculty has designed a curriculum that is cross-sectoral and transdisciplinary in nature, tailored for students aspiring to leadership roles in global nonprofit institutions in which they can leverage their business and global management lenses in their work.

This unique concentration in nonprofit leadership and management within the Master of Global Management program provides students with an understanding of the nonprofit sector's role in the global economy and with knowledge applicable to those who wish to lead and manage these organizations. Offered in collaboration with ASU's Watts College of Public Service and Community Solutions <https://publicservice.asu.edu/> (<https://publicservice.asu.edu/>), students take courses in nonprofit leadership and management through the Watts College. Students learn to evaluate and articulate the historical and philosophical context of nonprofit organizations in society, the theory and practice of philanthropy, and learn financial management practices.

Thunderbird School of Global Management has produced unique leaders for more than 70 years, leaders in every sector capable of tackling the world's greatest challenges. The alumni network comprises 45,000 graduates and 170 chapters around the globe.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Asia Studies (East Asia), BA
- Asia Studies (South Asia), BA
- Asia Studies (Southeast Asia), BA
- Biological Sciences, BS
- Biological Sciences (Biology and Society), BS
- Biological Sciences (Genetics, Cell and Developmental Biology), BS
- Biological Sciences (Neurobiology, Physiology and Behavior), BS
- Business (Business Administration), BA
- Business (Communication), BA
- Business (Food Industry Management), BA
- Business (Global Agribusiness), BA
- Business (Global Logistics Management), BA
- Business (Global Politics), BA
- Business (Health Care), BA
- Business (Information Security), BA
- Business (Language and Culture), BA
- Business (Law), BA
- Business (Public Service and Public Policy), BA
- Business (Sports Business), BA
- Business (Statistics), BA
- Business (Sustainability), BA
- Business (Technology), BA
- Business (Tourism), BA
- Business Data Analytics, BS
- Business Entrepreneurship, BS
- Economics, BS
- Finance, BS
- Global Health, BA
- Global Management, BGM
- History, BA
- International Trade, BS
- Jewish Studies, BA
- Management, BS
- Marketing, BS
- Marketing (Digital and Integrated Marketing Communications), BS
- Marketing (Professional Sales), BS
- Microbiology, BS
- Philosophy, BA
- Philosophy (Morality, Politics and Law), BA
- Religious Studies (Religion, Culture and Public Life), BA

Religious Studies (Religion, Politics and Global Affairs), BA

Supply Chain Management, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

49 credit hours, a foreign language exam, including the required capstone course (TGM 597).

Required Core (3 credit hours)

TGM 506 Communicating and Negotiating Across Cultures (3)

Concentration (12 credit hours)

NLM 510 The Nonprofit Sector (3)

NLM 520 Financial and Resource Management (3)

NLM 540 Strategic Human Resources Management (3)

NLM 570 International Non-Governmental Organizations (3)

Electives (12 credit hours)

Other Requirement (21 credit hours)

foreign language

TGM 515 Navigating Global and Regional Business Environments (3)

TGM 517 Global Accounting and Financial Management (3)

TGM 545 Advanced Perspectives on Global Leadership and Strategy (3)

TGM 557 Global Data and Marketing Analytics (3)

TGM 586 Global Entrepreneurship and Sustainable Business (3)

TGM 596 Thunderbird Experiential Practicum (6)

Culminating Experience (1 credit hour)

TGM 597 Thunderbird Integrative Experience (1)

Additional Curriculum Information

Electives are as approved by the academic unit.

Except for TGM 596 and the foreign language requirement, other requirement courses may be substituted with approval of the academic unit

Proficiency in a second language is required for graduation from the MGM degree program. Students whose native language is not English who meet the admission requirements for the Master of Global Management program satisfy the language requirement.

Students whose native language is English must satisfy the graduation requirement for language proficiency by waiving this requirement through an oral proficiency interview administered by a third-party vendor OR successfully completing six credit hours of 400-level or higher foreign language coursework as part of the program electives.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Thunderbird School of Global Management.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any subject or related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:

- graduate admission application and application fee
- official transcripts
- professional resume
- two letters of recommendation
- GRE or GMAT score
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Contact Information:

Global Management, Thunderbird School of
Thunderbird School of Global Management
<https://thunderbird.asu.edu/degrees/graduate-degree/master-global-management-in-nonprofit-leadership-and-management>
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602-496-7100

Global Management (Public Administration), MGM (TBGMPAMGM)

Online Degree Search Title: Global Management (Public Administration), MGM

Campus: Downtown Phoenix

Program Description:

New research is emphasizing that the millennial generation is increasingly motivated by values such as social justice and environmental stewardship and is looking for public and nonprofit careers (Chamberlain, 2018). However, only 7% of federal employees are under the age of 30 (Curry, 2017). This mismatch between millennials' desire for meaningful work and their decreased interest in the public sector highlights that many public administration programs are not meeting current market conditions. New programs are needed that integrate expert training in public administration with global management. To meet this new need, Thunderbird School of Global Management has created the public administration concentration in the highly ranked MGM degree program in collaboration with the Watts College of Public Service and Community Solutions: <https://publicservice.asu.edu/> (<https://publicservice.asu.edu/>).

This concentration is intended for future leaders who want public service skills and experience as part of their global management repertoire and for students seeking roles within public institutions or roles that interact with those institutions, especially on matters where public policy overlaps with business or other global enterprises. The concentration in public administration is designed by Thunderbird's renowned faculty and allows students to take courses in public administration through the Watts College of Public Service and Community Solutions.

Students earn a solid foundational understanding of and skills in public administration, leadership, management and policy analysis in service to the public good. This program prepares students for work at all levels in governmental and nonprofit organizations around the world.

Thunderbird School of Global Management has produced unique leaders for more than 70 years, leaders in every sector capable of tackling the world's greatest challenges. The alumni network comprises 45,000 graduates and 170 chapters around the globe.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Asia Studies (East Asia), BA
- Asia Studies (South Asia), BA
- Asia Studies (Southeast Asia), BA
- Biological Sciences, BS
- Biological Sciences (Biology and Society), BS
- Biological Sciences (Genetics, Cell and Developmental Biology), BS
- Biological Sciences (Neurobiology, Physiology and Behavior), BS
- Business (Business Administration), BA
- Business (Communication), BA
- Business (Food Industry Management), BA
- Business (Global Agribusiness), BA
- Business (Global Logistics Management), BA
- Business (Global Politics), BA
- Business (Health Care), BA
- Business (Information Security), BA
- Business (Language and Culture), BA
- Business (Law), BA
- Business (Public Service and Public Policy), BA
- Business (Sports Business), BA
- Business (Statistics), BA
- Business (Sustainability), BA
- Business (Technology), BA
- Business (Tourism), BA
- Business Data Analytics, BS
- Business Entrepreneurship, BS
- Economics, BS
- Finance, BS

Global Health, BA
Global Management, BGM
History, BA
International Trade, BS
Jewish Studies, BA
Management, BS
Marketing, BS
Marketing (Digital and Integrated Marketing Communications), BS
Marketing (Professional Sales), BS
Microbiology, BS
Philosophy, BA
Philosophy (Morality, Politics and Law), BA
Religious Studies (Religion, Culture and Public Life), BA
Religious Studies (Religion, Politics and Global Affairs), BA
Supply Chain Management, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

49 credit hours, a foreign language exam, including the required capstone course (TGM 597).

Required Core (3 credit hours)

TGM 506 Communicating and Negotiating Across Cultures (3)

Concentration (12 credit hours)

PAF 503 Public Affairs (3)

PAF 505 Public Policy Analysis (3)

PAF 506 Public Budgeting and Finance (3)

PAF 508 Organization Behavior (3)

Electives (12 credit hours)

Other Requirement (21 credit hours)

foreign language

TGM 515 Navigating Global and Regional Business Environments (3)

TGM 517 Global Accounting and Financial Management (3)

TGM 545 Advanced Perspectives on Global Leadership and Strategy (3)

TGM 557 Global Data and Marketing Analytics (3)

TGM 586 Global Entrepreneurship and Sustainable Business (3)

TGM 596 Thunderbird Experiential Practicum (6)

Culminating Experience (1 credit hour)

TGM 597 Thunderbird Integrative Experience (1)

Additional Curriculum Information

Electives are approved by the academic unit.

Except for TGM 596 and the foreign language requirement, other requirement courses may be substituted with approval of the academic unit

Proficiency in a second language is required for graduation from the MGM degree program. Students whose native language is not English who meet the admission requirements for the Master of Global Management program satisfy the language requirement.

Students whose native language is English must satisfy the graduation requirement for language proficiency by waiving this requirement through an oral proficiency interview administered by a third-party vendor OR successfully completing six credit hours of 400-level or higher foreign language coursework as part of the program electives

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Thunderbird School of Global Management.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any subject or related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or

applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:

- graduate admission application and application fee
- official transcripts
- professional resume
- two letters of recommendation
- GRE or GMAT score
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Contact Information:

Global Management, Thunderbird School of

Thunderbird School of Global Management

<https://thunderbird.asu.edu/degrees/graduate-degree/master-global-management-in-public-administration>

AZCT 800

admissions.tbird@asu.edu

602-496-7100

Global Management (Public Policy), MGM (TBGMPPMGM)

Online Degree Search Title: Global Management (Public Policy), MGM

Campus: Downtown Phoenix

Program Description:

Careers in public policy are projected to grow 13% between 2020 and 2024 (Bureau of Labor Statistics). In addition, the nonprofit sector saw a 49% increase in paid wages from 2003 to 2013 (Gaddy, 2016). Together, the growth in jobs and wages suggests a latent demand for professionals trained in the nuances of public policy. To meet this market need, the Thunderbird School of Global management has designed the public policy concentration within the flagship MGM degree program.

The public policy concentration program is designed for students who would like to work in cross-sector roles within public and nonprofit institutions around the world. Other students may use this program as a springboard into jobs in the private sector that have significant overlap with public agencies. In short, graduates are prepared in both global management and public policy in order to meet the demands of an increasingly interwoven economy.

The Master of Global Management program with a concentration in public policy prepares students for careers as policy analysts and leaders in public service. Graduates are involved in the formulation, approval, implementation and evaluation of public policy at all levels of government and in the private and nonprofit sectors. Offered in collaboration with the Watts College of Public Service and Community Solutions <https://publicservice.asu.edu/> (<https://publicservice.asu.edu/>) at ASU, graduates are able to apply analytical techniques and conceptual frameworks to understand policy issues as well as to identify potential solutions to real-world challenges.

Thunderbird School of Global Management has produced unique leaders for more than 70 years, leaders in every sector capable of tackling the world's greatest challenges. The alumni network comprises 45,000 graduates and 170 chapters around the globe.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Asia Studies (East Asia), BA
- Asia Studies (South Asia), BA
- Asia Studies (Southeast Asia), BA
- Biological Sciences, BS
- Biological Sciences (Biology and Society), BS
- Biological Sciences (Genetics, Cell and Developmental Biology), BS
- Biological Sciences (Neurobiology, Physiology and Behavior), BS
- Business (Business Administration), BA
- Business (Communication), BA
- Business (Food Industry Management), BA
- Business (Global Agribusiness), BA
- Business (Global Logistics Management), BA
- Business (Global Politics), BA
- Business (Health Care), BA

Business (Information Security), BA
 Business (Language and Culture), BA
 Business (Law), BA
 Business (Public Service and Public Policy), BA
 Business (Sports Business), BA
 Business (Statistics), BA
 Business (Sustainability), BA
 Business (Tourism), BA
 Business Data Analytics, BS
 Business Entrepreneurship, BS
 Economics, BS
 Finance, BS
 Global Health, BA
 Global Management, BGM
 History, BA
 International Trade, BS
 Jewish Studies, BA
 Management, BS
 Marketing, BS
 Marketing (Digital and Integrated Marketing Communications), BS
 Marketing (Professional Sales), BS
 Microbiology, BS
 Philosophy, BA
 Philosophy (Morality, Politics and Law), BA
 Religious Studies (Religion, Culture and Public Life), BA
 Religious Studies (Religion, Politics and Global Affairs), BA
 Supply Chain Management, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

49 credit hours, a foreign language exam, including the required capstone course (TGM 597).

Required Core (3 credit hours)

TGM 506 Communicating and Negotiating Across Cultures (3)

Concentration (12 credit hours)

PAF 501 Public Service Research I (3)

PAF 505 Public Policy Analysis (3)

PAF 540 Advanced Policy Analysis (3)

PAF 541 Program Evaluation (3)

Electives (12 credit hours)

Other Requirement (21 credit hours)

foreign language

TGM 515 Navigating Global and Regional Business Environments (3)

TGM 517 Global Accounting and Financial Management (3)

TGM 545 Advanced Perspectives on Global Leadership and Strategy (3)

TGM 557 Global Data and Marketing Analytics (3)

TGM 586 Global Entrepreneurship and Sustainable Business (3)

TGM 596 Thunderbird Experiential Practicum (6)

Culminating Experience (1 credit hour)

TGM 597 Thunderbird Integrative Experience (1)

Additional Curriculum Information

Electives are approved by the academic unit.

Except for TGM 596 and the foreign language requirement, other requirement courses may be substituted with approval of the academic unit.

Proficiency in a second language is required for graduation from the Master of Global Management degree program. Students whose native language is not English and who meet the admission requirements for the program satisfy the language requirement.

Students whose native language is English must satisfy the graduation requirement for language proficiency by waiving this requirement through an oral proficiency interview administered by a third-party vendor OR successfully completing six credit hours of 400-level or higher foreign language coursework as part of the program electives.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Thunderbird School of Global Management.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any subject or related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- professional resume
- two letters of recommendation
- GRE or GMAT score
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Contact Information:

Global Management, Thunderbird School of
Thunderbird School of Global Management

<https://thunderbird.asu.edu/degrees/graduate-degree/master-global-management-in-public-policy>

AZCT 800

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602-496-7100

Global Management (Sustainability Solutions), MGM (TBGMSSMGM)

Online Degree Search Title: Global Management (Sustainability Solutions), MGM

Campus: Downtown Phoenix

Program Description:

Solutions for the Planet and Industry

The Thunderbird MGM program with a concentration in sustainability solutions prepares students for the professions of the future. In this concentration, students earn a degree that benefits their career and the planet. There is an accelerating demand for leaders with a global mindset who possess expertise in sustainability, understand how to apply its principles and technology in approaching problems, and know how to work with and draw from different disciplines to develop practical solutions to the world's most urgent sustainability challenges.

The World Economic Forum reports that empathy and collaboration are two critical abilities for global manager success. These are equally critical for those seeking careers in sustainability solutions. These abilities rely on the development of social capital. This program is designed to develop a student's social capital through field-based action learning, team-based projects and stretch assignments. Students have the ability to build sustainable trusting relationships --- the basis of social capital ---with others from diverse parts of the world by learning techniques and methods of developing intercultural empathy, the ability to have interpersonal impact, and to act with diplomacy when influencing others. This concentration is offered in collaboration with ASU's School of Sustainability.

Doing Well by Doing Good with a Degree

Research shows that more than 40% of executives want to align their company's goals with sustainability principles. In the same survey, chief executive officers identified sustainability as a top priority (McKinsey, 2014). Governments are also increasingly recognizing the importance of sustainability. This has led the United Nations to outline sustainable development goals for 2030, an effort that many multinational corporations, nonprofit organizations and state entities have pledged to join. As sustainability gains more traction, knowledge in this area will become increasingly attractive to employers. Thunderbird has designed the sustainability solutions concentration to prepare students for these new organizational norms and to capitalize on the need for expert leadership in this rapidly growing profession.

Thunderbird School of Global Management has produced unique leaders for more than 70 years, leaders in every sector capable of tackling the world's greatest challenges. The alumni network comprises 45,000 graduates and 170 chapters around the globe.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Asia Studies (East Asia), BA
Asia Studies (South Asia), BA
Asia Studies (Southeast Asia), BA
Biological Sciences, BS
Biological Sciences (Biology and Society), BS
Biological Sciences (Genetics, Cell and Developmental Biology), BS
Biological Sciences (Neurobiology, Physiology and Behavior), BS
Business (Business Administration), BA
Business (Communication), BA
Business (Food Industry Management), BA
Business (Global Agribusiness), BA
Business (Global Logistics Management), BA
Business (Global Politics), BA
Business (Health Care), BA
Business (Information Security), BA
Business (Language and Culture), BA
Business (Law), BA
Business (Public Service and Public Policy), BA
Business (Sports Business), BA
Business (Statistics), BA
Business (Sustainability), BA
Business (Technology), BA
Business (Tourism), BA
Business Data Analytics, BS
Business Entrepreneurship, BS
Economics, BS
Finance, BS
Global Health, BA
Global Management, BGM
History, BA
International Trade, BS
Jewish Studies, BA
Management, BS
Marketing, BS
Marketing (Digital and Integrated Marketing Communications), BS
Marketing (Professional Sales), BS
Microbiology, BS
Philosophy, BA
Philosophy (Morality, Politics and Law), BA
Religious Studies (Religion, Culture and Public Life), BA
Religious Studies (Religion, Politics and Global Affairs), BA
Supply Chain Management, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

49 credit hours including a capstone course (TGM 597).

Required Core (3 credit hours)

TGM 506 Communicating and Negotiating Across Cultures (3)

Concentration (12 credit hours)

SOS 508 Pathways to Sustainability (3)

SOS 509 Leading Sustainability Transitions (3)

SOS 514 Human Dimensions of Sustainability (3)

SOS 545 Organizations, Sustainability and Public Policy (3)

SOS 548 Transformational Sustainability Entrepreneurship (3)

Electives (12 credit hours)

Other Requirements (21 credit hours)

foreign language

TGM 515 Navigating Global and Regional Business Environments (3)

TGM 517 Global Accounting and Financial Management (3)

TGM 545 Advanced Perspectives on Global Leadership and Strategy (3)

TGM 557 Global Data and Marketing Analytics (3)

TGM 586 Global Entrepreneurship and Sustainable Business (3)

TGM 596 Thunderbird Experiential Practicum (6)

Culminating Experience (1 credit hour)

TGM 597 Thunderbird Integrative Experience (1)

Additional Curriculum Information

For the concentration coursework, students choose four courses from the approved list for a total of 12 credit hours.

Electives are approved by the academic unit.

Except for TGM 596 and the foreign language requirement, other requirement courses may be substituted with approval of the academic unit.

Proficiency in a second language is required for graduation from the MGM degree program. Students whose native language is not English who meet the admission requirements for the Master of Global Management program satisfy the language requirement.

Students whose native language is English must satisfy the graduation requirement for language proficiency by waiving this requirement through an oral proficiency interview administered by a third-party vendor OR successfully completing six credit hours of 400-level or higher foreign language coursework as part of the program electives.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Thunderbird School of Global Management.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any subject or related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:

- graduate admission application and application fee
- official transcripts
- professional resume
- two letters of recommendation
- GRE or GMAT score
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Contact Information:

Global Management, Thunderbird School of

Thunderbird School of Global Management

<https://thunderbird.asu.edu/degrees/graduate-degree/master-global-management-in-sustainability-solutions>

AZCT 800

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602-496-7100

Global Management (Sustainable Tourism), MGM (TBGMSTMGM)

Online Degree Search Title: Global Management (Sustainable Tourism), MGM

Campus: Downtown Phoenix

Program Description:

Recent research indicates that 1 in 10 people are employed in a tourism-related job (World Economic Forum, 2017). Another study showed that travelers are more likely to visit places if there are sustainable practices in place (Mandala, 2017). In addition, governments are recognizing the importance of sustainability, leading the United Nations to outline sustainable development goals. As the tourism industry continues to adopt eco-

tourism and suitability practices, a new set of skills is needed.

Solutions for the Planet and the Tourism Industry

Thunderbird's MGM program with a concentration in sustainable tourism prepares students for management and executive-level positions in the tourism industry globally. Offered in collaboration with ASU's Watts College of Public Service and Community Solutions (<https://publicservice.asu.edu/>), Thunderbird's sustainable tourism concentration addresses the unique character of the sustainability revolution. It prepares graduates to transform the sustainability practices of global enterprises in tourism development and management.

The target audience for the program is students interested in working in sustainable tourism, hospitality, travel and related fields. The concentration in sustainable tourism opens up a world of opportunities, allowing students to take courses in sustainable tourism from ASU's Watts College of Public Service and Community Solutions at the Downtown Phoenix campus, located in the heart of the state capital's business district.

Students specialize in sustainable tourism management, mastering the principles and practices of successful sustainable development in the tourism field. Students learn to integrate economic, social and environmental aspects of sustainability as it relates to tourism; conduct sustainability audits for destinations and businesses; evaluate community impacts of tourism; innovate and evaluate sustainable tourism practices; and perform business planning and management. Students receive specialized, hands-on training in international business, cross-cultural relations, global political economy, and regional business environments.

This sustainable tourism concentration prepares students to work in the tourism industry globally. Graduates enter their profession ready to oversee initiatives in research, development, implementation, execution and evaluation of sustainable tourism plans for businesses and destinations. Graduates are prepared to enter today's complex and exciting global economy able to work in and lead organizations that desire employees with global management and sustainable tourism skills. They join a global network of Thunderbird alumni who hold leadership positions in global organizations worldwide.

With their global mindset, future-ready core professional skills, mastery of management principles, and multicultural outlook, students are prepared for leadership roles in organizations with a global scope. Potential employers include international tour operators as well as cities and venues around the world that host guests from all over the globe.

Thunderbird School of Global Management has produced unique leaders for more than 70 years, leaders in every sector capable of tackling the world's greatest challenges. The alumni network comprises 45,000 graduates and 170 chapters around the globe.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Asia Studies (East Asia), BA
- Asia Studies (South Asia), BA
- Asia Studies (Southeast Asia), BA
- Biological Sciences, BS
- Biological Sciences (Biology and Society), BS
- Biological Sciences (Genetics, Cell and Developmental Biology), BS
- Biological Sciences (Neurobiology, Physiology and Behavior), BS
- Business (Business Administration), BA
- Business (Communication), BA
- Business (Food Industry Management), BA
- Business (Global Agribusiness), BA
- Business (Global Logistics Management), BA
- Business (Global Politics), BA
- Business (Health Care), BA
- Business (Information Security), BA
- Business (Language and Culture), BA
- Business (Law), BA
- Business (Public Service and Public Policy), BA
- Business (Sports Business), BA
- Business (Statistics), BA
- Business (Sustainability), BA
- Business (Technology), BA
- Business (Tourism), BA
- Business Data Analytics, BS
- Business Entrepreneurship, BS
- Economics, BS
- Finance, BS

Global Health, BA
Global Management, BGM
History, BA
International Trade, BS
Jewish Studies, BA
Management, BS
Marketing, BS
Marketing (Digital and Integrated Marketing Communications), BS
Marketing (Professional Sales), BS
Microbiology, BS
Philosophy, BA
Philosophy (Morality, Politics and Law), BA
Religious Studies (Religion, Culture and Public Life), BA
Religious Studies (Religion, Politics and Global Affairs), BA
Supply Chain Management, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

49 credit hours including the required capstone course (TGM 597).

Required Core (3 credit hours)

TGM 506 Communicating and Negotiating Across Cultures (3)

Concentration (12 credit hours)

CRD 569 Advanced Tourism and Recreation Studies (3)

TDM 520 Sustainable Thinking in Tourism I (3)

TDM 521 Sustainable Thinking in Tourism II (3)

TDM 540 Sustainable Food Management in Tourism (3)

TDM 570 Sustainable Tourism (3)

Electives (12 credit hours)

Other Requirements (21 credit hours)

foreign language

TGM 515 Navigating Global and Regional Business Environments (3)

TGM 517 Global Accounting and Financial Management (3)

TGM 545 Advanced Perspectives on Global Leadership and Strategy (3)

TGM 557 Global Data and Marketing Analytics (3)

TGM 586 Global Entrepreneurship and Sustainable Business (3)

TGM 596 Thunderbird Experiential Practicum (6)

Culminating Experience (1 credit hour)

TGM 597 Thunderbird Integrative Experience (1)

Additional Curriculum Information

For the concentration coursework, students choose four courses from the approved list for a total of 12 credit hours.

Electives are approved by the academic unit.

Except for TGM 596 and the foreign language requirement, other requirement courses may be substituted with approval of the academic unit.

Proficiency in a second language is required for graduation from the MGM degree program. Students whose native language is not English who meet the admission requirements for the Master of Global Management program satisfy the language requirement.

Students whose native language is English must satisfy the graduation requirement for language proficiency by waiving this requirement through an oral proficiency interview administered by a third-party vendor OR successfully completing six credit hours of 400-level or higher of foreign language coursework as part of the program electives.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Thunderbird School of Global Management.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any subject or related field from a regionally

accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:

- graduate admission application and application fee
- official transcripts
- professional resume
- two letters of recommendation
- GRE or GMAT score
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Contact Information:

Global Management, Thunderbird School of
Thunderbird School of Global Management

<https://thunderbird.asu.edu/degrees/graduate-degree/master-global-management-in-sustainable-tourism>

AZCT 800

admissions.tbird@asu.edu

602-496-7100

Global Marketing (Certificate), Certificate (TBGMKTGRCT)

Online Degree Search Title: Global Marketing (Graduate Certificate)

Campus: Downtown Phoenix

Program Description:

Domestic marketing frameworks and tools are not sufficient in comparison to the global marketing framework that includes idiosyncrasies and complexities of the political, economic, legal, societal and cultural differences that exist in foreign markets.

The courses in Thunderbird's global marketing certificate program position students to thrive in multinational corporations and international organizations by equipping them with the knowledge of how and why customers make decisions. Students learn how to leverage branding across all channels to create value and to use the abundance of data available in today's market for cutting-edge business analytics. Courses emphasize the experiential approach to learning, using case studies featuring companies from around the globe with different cultures and complex legal environments.

Students learn to understand the critical, nuanced differences that managers need to recognize when conducting business across borders, and they examine how customer decision-making and how branding, business analytics, negotiation, channels and distribution, sales force management, product development and strategic services marketing are playing out in the international arena.

Thunderbird School of Global Management has produced unique leaders for more than 70 years, leaders in every sector capable of tackling the world's greatest challenges. The alumni network comprises 45,000 graduates and 170 chapters around the globe.

Degree Requirements:

15 credit hours.

Required Core (6 credit hours)

TGM 553 Global Customer Decision Making (3)

TGM 554 Global Marketing Research (3)

Electives (9 credit hours)

Additional Curriculum Information

Students choose three elective courses from a restricted list. Additional courses may be utilized with approval from the academic unit.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Thunderbird School of Global Management.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

Applicants must have taken TGM 551 Global Marketing Strategy and TGM 552 Global Marketing Management, or TGM 503 Global Marketing, or a three credit hour, 500-level graduate course with a minimum grade of "B" (scale is 4.00 = "A") or its equivalent. Coursework must be from a regionally accredited institution, from an institution accredited by a business accreditation organization such as the Association to Advance Collegiate Schools of Business, European Quality Improvement System, Association of MBAs, or other institutions with approval from the academic unit.

Contact Information:

Global Management, Thunderbird School of
Thunderbird School of Global Management

<https://thunderbird.asu.edu>

AZCT 800

admissions.tbird@asu.edu

602-496-7100

Global Trade and Commerce (Certificate), Certificate (TBGTCMGRCT)

Online Degree Search Title: Global Trade and Commerce (Graduate Certificate)

Campus: Downtown Phoenix

Program Description:

The coursework for Thunderbird's graduate certificate in global trade and commerce is tightly integrated and offers comprehensive coverage of core topics in cross-border business and the exchange of goods. Students gain a strong understanding of how companies leverage their global value chains to achieve competitive advantage.

The school's innovative and practical curriculum (a strong core of global business management skills, international political economy and cross-cultural training) is delivered through a transdisciplinary approach. Students learn best practices through interaction with faculty engaged in broad-based research and consulting.

Thunderbird School of Global Management has produced unique leaders for more than 70 years, leaders in every sector capable of tackling the world's greatest challenges. The alumni network comprises 45,000 graduates and 170 chapters around the globe.

Degree Requirements:

15 credit hours.

Required Core (6 credit hours)

SCM 541 Logistics in the Supply Chain (3)

TGM 537 State Power, Business Interests and Multinational Trade Agreements (3)

Electives (9 credit hours)

Additional Curriculum Information

Students choose three elective courses from a restricted list. Additional courses may be utilized with approval from the academic unit.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Thunderbird School of Global Management.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa will first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission be considered for admission to this certificate program.

Applicants must have taken TGM 505 States and Markets in a Global Economy with a minimum grade of "B" (scale is 4.00 = "A") or its equivalent from a regionally accredited institution, from an institution accredited by a business accreditation organization such as the Association to Advance Collegiate Schools of Business, European Quality Improvement System or Association of MBAs, or other institutions with approval from the academic unit.

Contact Information:

Global Management, Thunderbird School of
Thunderbird School of Global Management
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AZCT 800
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602-496-7100

Health Solutions, College of

Audiology, AuD (LAAUDAUD)

Online Degree Search Title: Audiology, AuD

Campus: Tempe

Program Description:

The three-year course of study for the AuD degree is comprised of basic science coursework, professional knowledge coursework and clinical practicum experiences. The curriculum is designed such that upon completion students have satisfied all academic and clinical requirements necessary for state licensure. Full-time commitment is critical because graduate courses are offered once per academic year. In addition, course content and the sequence of courses are closely tied to clinical practicum assignments. Moreover, full-time enrollment assures timely completion of the program.

Students in the Doctor of Audiology program have the option of graduating after completion of the three-year program of study or enrolling in a clinical externship during their fourth year for up to an additional three credit hours of clinical training. A minimum of 850 hours of clinical training is obtained during the first three years of training. Completion of 1,820 practicum hours is required for the Certificate of Clinical Competence in Audiology, also known as CCC-A, by the American Speech-Language-Hearing Association and can be met by completion of the 4th-year externship under the supervision of an ASHA-certified audiologist.

Students who complete the Doctor of Audiology degree find rewarding careers in hospitals, physician's offices, audiology clinics, school districts and industry.

Degree Requirements:

88 credit hours and a written comprehensive exam.

Required Core (58 credit hours)

SHS 502 Basic Audiometry (4)

SHS 504 Amplification I (4)
SHS 505 Sign Language for Audiologists and Speech Pathologists (2)
SHS 508 Pediatric Audiology (3)
SHS 510 Amplification II (3)
SHS 511 Auditory Perception by the Hearing Impaired (3)
SHS 513 Neurophysiology of the Auditory System (3)
SHS 516 Auditory Evoked Potentials (4)
SHS 517 Balance Assessment (4)
SHS 518 Auditory Rehabilitation (3)
SHS 520 Auditory Pathologies/Disorders and Otoneurologic Applications (4)
SHS 522 Tinnitus/Advanced Audiometry (3)
SHS 523 Central Auditory Processing Disorders (4)
SHS 524 Counseling in Communication Disorders (2)
SHS 525 Audiology Practice Management (3)
SHS 526 Launch to Clinical Methods in Audiology (1)
SHS 552 Physiological Measures of Auditory Function (4)
SHS 555 Cochlear Implants (4)

Other Requirements (27-30 credit hours)

SHS 500 Research Methods (3)
SHS 580 Clinical Practicum (8)
SHS 584 Clinical Internship (12)
SHS 589 Audiology Grand Rounds (4)
SHS 590 Reading and Conference (Audiology Clerkship) (0-3)
American Speech-Language-Hearing Association Praxis national certification examination in audiology (0)

Electives and Research (3 credit hours)

Culminating Experience

written and oral comprehensive exam

Additional Curriculum Information

Students will have the option to continue enrollment in SHS 590 at one credit per semester for up to three semesters to complete the externship requirements of the ASHA certification. These extra hours of clinical experience will allow students to apply for ASHA certification upon graduation. Students should maintain continuous enrollment and not apply for graduation until they have completed the additional clinical hours for the certification.

In addition to the Graduate College requirements, eligibility for graduation is based upon the following:

Formative Exam (Year 1)

Students must pass a formative exam given at the end of the first academic year of the program. This is a 100-question, multiple-choice test covering the content of the courses taken during the fall and spring semesters. Students receiving scores of less than 80% are given one opportunity to retake the exam.

Summative Exam (Year 3)

Students must pass a summative exam in the fall of the third academic year of the program. This is a comprehensive written and oral exam pertaining to clinical case diagnosis and management. One retake is allowed if student does not pass on the initial attempt.

National Certification Exam (Praxis)

All students pursuing the Doctor of Audiology degree must pass the Praxis examination in audiology as a graduation requirement. There are no credit hours tied to it. The Praxis exam result must be sent directly from the Education Testing Service to the audiology program office in order to process the graduation approval.

Clinical Clock Hours

Students must successfully complete 850 hours of supervised clinical clock hours at both on-campus and off-campus internship sites.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the College of Health Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's degree in speech and hearing science or another related discipline from a regionally accredited institution. Applicants with degrees in related fields (such as nursing, education and any of the biological sciences) may apply, although they may be admitted as leveling students and must complete at least one year of prerequisite courses in speech and hearing science at the undergraduate level.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- personal statement
- GRE scores
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Admission is a two-stage process involving a review of the application materials and a required online video submission. Applicants meeting the first-stage admission criteria are notified and invited to provide additional information to complete the second stage of the admissions process. All other applicants are denied admission. In lieu of an on-campus interview, invited applicants who wish to continue the application process must provide a 15-minute video introducing themselves and answering several questions from the admission committee. The same questions are given to all applicants along with instructions about format and submission. Applicants who do not submit a video are denied admission. The committee makes final decisions regarding admission from the videos received. Space is available in the program for 15 students. Invitations are sent by the end of February with a deadline of mid-March for video submission.

The personal statement should not exceed 200 words and should describe the reasons for pursuing graduate study in audiology; successful applicants submit statements that are free of grammatical errors and demonstrate proficiency in written communication.

Letters of recommendation should outline the applicant's potential success for graduate-level coursework. Letters from faculty members are most useful. A standard form is not used; letters should be submitted on letterhead from the recommender's institution.

Contact Information:

Health Solutions, College of
College of Health Solutions
<https://chs.asu.edu/>
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CHSGrad@asu.edu
602-496-3300

Auditory and Language Neuroscience, MS (NHALNEUMS)

Online Degree Search Title: Auditory and Language Neuroscience, MS

Campus: Tempe

Program Description:

The MS program in auditory and language neuroscience trains scholars in basic and applied research in the fields of auditory and language neuroscience to prepare them for doctoral-level graduate studies as well as for positions in science, health care and industry.

In addition to cutting-edge coursework in neuroscience, this program also includes hands-on training in instrumentation such as neuroimaging, neurophysiology and clinical research applications. Students develop a strong foundation to conduct impactful neuroscience research related to auditory and language processing and human communication.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Speech and Hearing Science, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

31 credit hours including an applied project course (SHS 593), or 31 credit hours including an thesis.

Required Core (6 credit hours)

SHS 541 Data Analysis in Auditory and Language Neuroscience (3)

SHS 542 Applied Research Methods in Auditory and Language Neuroscience (3)

Restricted Electives (12 credit hours)

Research (6 credit hours)

SHS 592 Research (6)

Other Requirement (1 credit hours)

SHS 590 Reading and Conference (1)

Culminating Experience (6 credit hours)

SHS 593 Applied Project (6) or

SHS 599 Thesis (6)

Additional Curriculum Information

For restricted electives, students should see the academic unit for an approved course list.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the College of Health Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited college or university.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- three letters of recommendation
 - GRE scores
- letter of intent or written statement
- professional resume
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

In the letter of intent or written statement, applicants should indicate potential research mentors with whom they are interested in working. Letters of recommendation preferably are written by instructors, research mentors or clinical supervisors who can speak to the applicant's aptitude for research and master's-level coursework.

Contact Information:

Health Solutions, College of

College of Health Solutions

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602-496-3300

Behavioral Health, DBH (LSBEVHEDBH)

Online Degree Search Title: Behavioral Health, DBH

Campus: Online

ASU is not currently accepting applications for this program. Applicants interested in the Doctor of Behavioral Health program should apply directly to the clinical or management concentrations.

Program Description:

The DBH is an innovative and interdisciplinary applied program designed to upgrade master's degree-level professionals to prepare them to become experts in the emerging field of integrated behavioral care.

Integrated care is the holistic treatment of both medical and behavioral conditions. When undetected and untreated, whether in primary care or other medical settings, the results are poor clinical outcomes and increased medical costs related to overuse of medical services. A key recommendation in health care reform is improved integration of medical and behavioral care in order to both improve health outcomes as well as

decrease health care costs.

The doctoral curriculum is explicitly focused on graduating experts who can both speak the language of evidence-based clinical interventions and the perform cost savings and return on investment analyses that will be in high demand in new models of accountable care delivery. Traditional doctoral training does not prepare clinicians or managers with the interdisciplinary knowledge required to meet these new demands in the health care marketplace. This program reflects a paradigm shift to a curriculum based on business entrepreneurship skills, such as business plans, marketing and returns on investment specific to health care; evidence-based behavioral interventions for primary care that are efficient and contribute to cost savings by reducing unnecessary medical care services and costs; health care systems policies, economics and finance that respond to emerging opportunities in health care reform; and medical literacy, to understand common medical conditions seen in primary care and consult effectively with the medical team.

The curriculum is unique in that it incorporates internship experience in primary care or similar medical settings, and it integrates clinical and professional affiliated faculty as well as faculty associates who are experts and are directly employed in health care environments in the area that they are teaching. It is a flexible, online degree program that enables students to select a program of study ranging from part-time to full-time attendance, and it is available through ASU Online as a distance-learning program. The program offers either a clinical track for licensed clinicians or a management track for health care managers and leaders, and it replaces the dissertation with a culminating research project that combines an applied research study with a business plan.

Internship experiences are arranged with local site liaisons, and students meet in small groups with a doctoral consultant who leads case reviews and studies. Rural health and experiences with disadvantaged and multicultural populations are encouraged.

Graduates of the program contribute to a societal transformation by leading to improved access to behavioral care, integration of a behavioral provider on the medical team, improved patient outcome and satisfaction, and decreased cost of care.

Degree Requirements:

84 credit hours including the required applied project course (IBC 793).

Required Core (12 credit hours)

IBC 611 Population Based Health Management (3)

IBC 614 Quality and Performance Measurement, Improvement, and Incentives (3)

IBC 718 Healthcare Systems: Organization, Delivery and Economics (3)

IBC 720 Behavioral Health Entrepreneurship (3)

Electives (33 credit hours)

Internship and Culminating Experience (9 credit hours)

Additional Curriculum Information

previously awarded master's degree or other courses approved by the supervisory committee (30 credit hours)

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the College of Health Solutions.

Applicants are eligible to apply to the program if they have earned a master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (on a 4.00 scale) in the applicable master's degree.

All applicants must submit an online graduate admission application. Applicants should see specific concentrations for the items that must be submitted.

Additional Application Information

An applicant whose native language is not English (regardless of current residency) must meet university and degree program English proficiency requirements.

In order to use the 30 credits from a previous master's degree, applicants must possess a bachelor's degree and a master's degree from a regionally accredited postsecondary institution in the U.S. or an equivalent degree from a recognized international postsecondary institution.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu>)

Contact Information:

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<https://chs.asu.edu/>
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Behavioral Health (Clinical), DBH (NHBVHCDBH)

Online Degree Search Title: Behavioral Health (Clinical), DBH

Campus: Online

Program Description:

The DBH is a global, interdisciplinary degree program that offers an innovative curriculum, a hands-on internship in primary care, and an applied research project for domestic and international students.

Clinical concentration students learn how to translate evidence-based practices that are tailored to fit the needs of the local community, patient population and health care system. Students are prepared to anticipate trends in health care policy and to leverage their expertise in clinical practice, quality of care, population health and health care costs to thrive in the evolving health care marketplace.

The curriculum addresses the problem of poor health outcomes, barriers to patient access and rising costs by preparing students to achieve the quadruple aim in health care: improved patient experience of care, population health management, cost-savings and improved team satisfaction. Students learn how to improve the patient experience of care with evidence-based behavioral interventions to address behavioral problems such as depression, anxiety and trauma, lifestyle habits such as smoking, risky alcohol and drug use, poor nutrition and lack of physical activity, and medication nonadherence. Students master population health approaches to patient engagement, stratification and stepped care, and treat to target outcomes. Students learn to demonstrate cost savings and return on investment by developing the business case for integrated care. The student learning experience includes easy access to online articles, videos and web sites, weekly live webinars with faculty experienced in the field, live peer student webinars, and written assignments that parallel the writing used for clinical and business proposals in the real world.

In the culminating project, students use the quality improvement model to solve key problems in primary care, such as how to improve processes and outcomes, reduce waste and decrease provider stress and burnout.

The internship program is hands-on in a local primary care clinic with in-person consultation by a licensed DBH faculty member in small group webinar format, a site mentor and emphasis on clinical performance metrics common in the Patient Centered Medical Home and Accountable Care Organization approaches to primary care.

Students may join special research projects or have the opportunity for a semester of study abroad. The faculty are seasoned veterans representing clinical practice, management and applied research in integrated care.

Degree Requirements:

84 credit hours including the required Applied Project Course (IBC 793).

Required Core (12 credit hours)

- IBC 611 Population-Based Behavioral Health Management (3)
- IBC 614 Quality and Performance Measurement, Improvement and Incentives (3)
- IBC 718 Healthcare Systems: Organization, Delivery and Economics (3)
- IBC 720 Behavioral Health Entrepreneurship (3)

Concentration (15 credit hours)

- IBC 601 Models of Integrated Primary Care (3)
- IBC 603 Brief Interventions in Primary Care (3)
- IBC 604 Clinical Medicine/Pathophysiology (3)
- IBC 608 Psychopharmacology for the Behavioral Care Provider (3)
- IBC 609 Clinical Neuropathophysiology (3)

Electives or Research (18 credit hours)

Other Requirement (6 credit hours)

- IBC 684 Internship (6)

Culminating Experience (3 credit hours)

- IBC 793 Applied Project (3)

Additional Curriculum Information

A previously awarded master's degree from a regionally accredited university or other courses approved by the supervisory committee is required (30 credit hours).

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the College of Health Solutions.

Applicants are eligible to apply to the program if they have earned a master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (on a 4.00 scale) in the applicable master's degree.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- personal statement
- copy of the applicant's license or license eligibility
- one professional letter of recommendation
- updated curriculum vitae or resume
- program policies acknowledgements
- video or webcam admission interview (if indicated)
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Applicants with master's degrees in counseling, family therapy, nursing, occupational health, and social work, among others, are encouraged to apply. Applicants must be master's degree-level professionals who are either currently employed or aspire to be employed in a clinical capacity within integrated health care.

Licensed and license-eligible are terms defining a license to practice issued by a state licensing board (e.g., Arizona Board of Behavioral Health Examiners, Arizona Board of Occupational Therapy Examiners, etc.). Examples include license-eligible master's degree-level behavioral clinician, licensed master's degree-level behavioral clinician, and master's degree-level licensed medical or ancillary health care provider (nurse, dietitian, occupational therapist).

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/graduate/doctor-behavioral-health-clinical/>)

Contact Information:

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Behavioral Health (Management), DBH (NHBVHMDBH)

Online Degree Search Title: Behavioral Health (Management), DBH

Campus: Online

Program Description:

Integrated health care is the team-based, coordinated treatment of medical, lifestyle and behavioral conditions.

The DBH program addresses a wide range of behavioral health issues impacting at-risk populations, from lifestyle to mental health to substance abuse, social determinants of health and health disparities. It focuses on integrated health management in primary care, especially in the patient-centered medical home and accountable care organization models. Integrated care is an excellent fit for other settings such as hospitals, emergency departments, specialty care, health plans, workplace wellness, educational and traditional mental health, and substance use disorder treatment settings called bidirectional integration. The Doctor of Behavioral Health is a global, interdisciplinary program with curriculum and programs that enables both domestic and international students to translate management practices tailored to local health system geography, culture and policy.

The unique curriculum focuses on three areas: integrated behavioral health program design, quality and performance measurement, and business entrepreneurship. Graduates of the management concentration are positioned to achieve the Quadruple Aim in health care: improved patient experience of care, population health management, cost-savings and improved health care team experience. The curriculum emphasizes direct management or administration within medical settings, improving quality of care through population health management, and building and sustaining integrated care programs. The curriculum includes emerging health technologies such as integrated health measures in electronic health records, mobile health apps and wearable technology to facilitate and assist with tracking health behavior change, big data and analytics.

Behavioral health doctoral graduates are expected to apply entrepreneurship concepts and skills to promote integrated health programs with key stakeholders, such as medical directors and chief executive officers. Graduates of the management concentration choose careers such as integrated care practice managers and choose leadership positions in integrated care delivery systems, health plans and managed care organizations as well as integrated care industry consultants.

Degree Requirements:

84 credit hours including the required Applied Project Course (IBC 793).

Required Core (12 credit hours)

IBC 611 Population-Based Behavioral Health Management (3)

IBC 614 Quality and Performance Measurement, Improvement, and Incentives in Health Care (3)

IBC 718 Healthcare Systems: Organization, Delivery and Economics (3)

IBC 720 Behavioral Health Entrepreneurship (3)

Concentration (18 credit hours)

BMI 601 Fundamentals of Health Informatics (3)

IBC 601 Models of Integrated Primary Care (3)

IBC 626 Behavioral Health Management (3)

IBC 630 Financial Management of Health Care (3)

IBC 660 Healthcare Legal, Ethical, and Professional Issues (3)

IBC 740 Integrated Behavioral Interventions, Cost Savings, Medical Cost Offset and Return on Investment (3)

Electives or Research (18 credit hours)

Other Requirements (3 credit hours)

IBC 684 Internship (3)

Culminating Experience (3 credit hours)

IBC 793 Applied Project (3)

Additional Curricular Information

previously awarded master's degree from a regionally accredited university or other courses approved by the supervisory committee (30 credit hours)

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the College of Health Solutions.

Applicants are eligible to apply to the program if they have earned a master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (on a 4.00 scale) in the applicable master's degree.

All applicants must submit:

- graduate admission application
- official transcripts
- personal statement
- one professional letter of recommendation
- updated curriculum vitae or resume
- program policies acknowledgements
- video or webcam admissions interview (if indicated)
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Applicants with master's degrees in business administration, public health, nursing, counseling, health care administration and social work, among others, are encouraged to apply. Applicants must be master's degree-level professionals who are either currently employed or aspire to be employed in a clinical capacity within integrated health care.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/graduate/doctor-behavioral-health-management/>)

Contact Information:

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Biomedical Diagnostics, MS (NHBMDMS)

Online Degree Search Title: Biomedical Diagnostics, MS

Campus: Online

Program Description:

The MS in biomedical diagnostics is designed to be completed in one year, if enrolled full-time. This degree is offered entirely through ASU's unique online framework and is offered primarily in condensed sessions.

The program has four areas that provide the foundation for the degree program: application of diagnostics, business of diagnostics, science of diagnostics, and technology of diagnostics.

Students complete a culminating experience in which they work on team-based project with an ASU professor and industry partner on a topic relevant to the diagnostics field.

Degree Requirements:

30 credit hours including an applied project (BMD 593).

Required Core (19 credit hours)

BMD 502 Foundations of Biomedical Informatics Methods I (3)

BMD 510 Current Perspectives in Biomedical Diagnostics (3)

BMD 511 Health Economics, Policy and Payment Models (3)

BMD 513 Principles of Diagnostic Technology: Immunoassays (4)

BMD 514 Principles of Diagnostic Technology: Molecular Diagnostics (3)

BMD 667 Regulation of Medical Diagnostics (3)

Electives (6 credit hours)

Research (2 credit hours)

BMD 592 Research (2)

Culminating Experience (3 credit hours)

BMD 593 Applied Project (3)

Additional Curricular Information

Students should see the academic unit for an approved elective list of BMD courses.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the College of Health Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited college or university in one of the following fields, or a closely related field: biomedical informatics, biology, life sciences, chemistry, biochemistry, engineering, biomedical engineering, business, computer science, supply chain management, health sciences or medical studies.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- two letters of recommendation
- statement of purpose
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Students should see the Graduate College requirement <https://admission.asu.edu/international/graduate/english-proficiency> (<https://admission.asu.edu/international/graduate/english-proficiency>)).

Admission examinations are not required.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/graduate/master-science-biomedical-diagnostics/>)

Contact Information:

Health Solutions, College of
College of Health Solutions
<https://chs.asu.edu/>
HLTHN 401AA
CHSGrad@asu.edu
602-496-3300

Biomedical Informatics, MS (ESBIOINFMS)

Online Degree Search Title: Biomedical Informatics, MS

Campus: Tempe

Program Description:

The MS in biomedical informatics is offered by the College of Health Solutions. Professionals in the field use biomedical data, information and knowledge to improve human health. Students learn problem-solving, theory and methodologies underlying the field of biomedical informatics. Students in the master's program take courses in areas such as knowledge representation, clinical environments, imaging, bioinformatics and data science. Core courses provide a background in clinical informatics, while electives allow specialization in focus areas such as data science or mobile health.

BMI fosters collaborations among academic researchers, clinical practitioners and regional health care providers to apply new developments in informatics theory to clinical practice. Biomedical informatics has a key role to play in the transformation to more effective and efficient health care through the use of knowledge and information technology.

The program educates students in the informatics knowledge and skills that will enable them to:

- detect disease early
- improve the patient hospital experience
- improve the precision of diagnosis
- improve the quality of patient health care and reduce its cost
- minimize hospital visits

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Biomedical Informatics, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

32 credit hours including an applied project (BMI 593).

Required Core (14 credit hours)

BMI 502 Foundations of Biomedical Informatics Methods I (3)

BMI 505 Foundations of Biomedical Informatics Methods II (3)

BMI 540 Problem Solving in Biomedical Informatics (3)

BMI 570 BMI Symposium (2)

BMI 601 Fundamentals of Health Informatics (3)

Other Requirements (3 credit hours)

BMI 404 Clinical Environments (3) or

BMI 504 Introduction to Clinical Environments (3)

Electives (12 credit hours)

Culminating Experience (3 credit hours)

BMI 593 Applied Project (3)

Additional Curriculum Information

Six of the 12 elective credit hours must be BMI courses.

BMI 404 or 504 is required and may be substituted with other coursework with approval of the academic unit.

Due to the diverse academic backgrounds of students requesting admission into this program, many will find it necessary to take some coursework in preparation. However, all students will take 32 credit hours of graduate-level coursework.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the College of Health Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in biology, computer science, engineering, nursing or statistics from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- statement of purpose
- three letters of recommendation
- GRE scores
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency via TOEFL scores regardless of current residency.

Applicants who have earned degrees in other unrelated fields with appropriate academic backgrounds also will be considered. However, all applicants must have basic competencies in college-level calculus (similar to MAT 270), general biology (similar to BIO 188) or physiology, statistics (similar to STP 226) and basic computer programming (similar to CSE 100 or CSE 110).

The applicant's undergraduate GPA, statement of purpose and depth of preparation in their field are the primary factors affecting admission. Every applicant must submit scores for the GRE or any other graduate-level entry examination.

Contact Information:

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Biomedical Informatics, PHD (ESBMIPHD)

Online Degree Search Title: Biomedical Informatics, PhD

Campus: Tempe

Program Description:

The PhD in biomedical informatics allows students to develop expertise in areas such as bioinformatics, clinical informatics, population health management and imaging science. The BMI program fosters collaborations among academic researchers, clinical practitioners and regional health care providers to apply new developments in informatics theory to clinical practice, biomedical research and public health.

Additional specialization coursework in an area of focus and emphasis on independent research are intended to place students at the leading edge of the field. Strong collaborative relationships with a variety of health care organizations, the bioscience industry and governmental agencies provide an unparalleled opportunity for doctoral students to explore and contribute to advances in informatics for biomedical research, patient care and population health. Students may explore special foci on cross-cutting areas such as data science and knowledge representation.

Degree Requirements:

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (22 credit hours)

BMI 502 Foundations of Biomedical Informatics Methods I (3)

BMI 504 Introduction to Clinical Environments (3)

BMI 505 Foundations of Biomedical Informatics Methods II (3)

BMI 515 Applied Biostatistics in Medicine and Informatics (3)

BMI 540 Problem Solving in Biomedical Informatics (3)

BMI 560 Teaching in Biomedical Informatics (2)

BMI 570 Symposium (2)

BMI 601 Fundamentals of Health Informatics (3)

Electives (32 credit hours)

Research (18 credit hours)

BMI 792 Research (18)

Culminating Experience (12 credit hours)

BMI 799 Dissertation (12)

Additional Curriculum Information

Due to the diverse academic backgrounds of students requesting admission into this program, many find it necessary to take some coursework in preparation. However, all students take 84 credit hours of approved graduate-level coursework.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the College of Health Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- statement of purpose
- 3 letters of recommendation
- GRE scores
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Scores for the TOEFL for applicants whose native language is not English is required.

An applicant should have earned a bachelor's degree in biology, computer science, engineering or statistics, or be trained as a postbaccalaureate health professional in medicine, nursing or pharmacy. Those who have earned degrees in other unrelated fields with appropriate academic backgrounds are also considered. However, all applicants must have basic competencies in anatomy and physiology, college calculus, computer programming, general biology and statistics.

The applicant's undergraduate GPA, statement of purpose and depth of preparation in their field are the primary factors affecting admission. Scores for the GRE (verbal, quantitative and analytical are required; the subject test is optional) or any other graduate-level entry examination.

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Clinical Exercise Physiology, MS (NHCEPMS)

Online Degree Search Title: Clinical Exercise Physiology, MS

Campus: Downtown Phoenix

Program Description:

This MS degree program is preparation for a career as a clinical exercise physiologist, someone who usually works in concert with medical professionals to guide exercise and rehabilitation programs for at-risk clients and clients with chronic diseases, and it provides the knowledge, clinical experience and skills needed by individuals preparing for successful completion of the registration examination for the registered clinical exercise physiologist certification.

The American College of Sports Medicine is the national association responsible for establishing guidelines and recommendations for exercise testing, prescription and evaluation of research for both healthy populations and those with chronic disease. The ACSM certification is deemed the organization's most prestigious credential for clinical professionals with a master's degree working with clients who are under the care of a physician for cardiovascular, pulmonary and metabolic diseases as well as orthopedic or musculoskeletal, neuromuscular, and neoplastic immunological or hematological diseases.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Exercise and Wellness, BS

Kinesiology, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

35 credit hours and a written comprehensive exam, or 35 credit hours, a thesis, a written comprehensive exam, and an oral comprehensive exam.

Required Core (24 credit hours)

EXW 501 Research Statistics (3)

EXW 535 Advanced Exercise Assessment and Prescription (3)

EXW 536 Physiological Aspects of Physical Activity and Chronic Disease (3)

EXW 542 Health Promotion (3)

EXW 560 Cardiopulmonary Rehabilitation (3)

EXW 565 Cardiovascular and Pulmonary Physiology (3)

EXW 568 Management and Treatment of Chronic Disease for the Clinical Exercise Physiologist (3)

KIN 547 ECG Interpretation (3)

Electives (2 credit hours)

EXW 591 Seminar (2)

Research (3 credit hours)

EXW 500 Research Methods (3)

Other Requirement (6 credit hours)

EXW 584 Clinical Exercise Physiology Internship (6)

Culminating Experience (0-6 credit hours)

written comprehensive exam or

EXW 599 Thesis (6)

Additional Curriculum Information

Students take EXW 591 in two terms for one credit hour each.

Thesis students must pass a written and oral comprehensive exam.

Students who select the thesis option are not required to participate in the six credit hours of EXW 584 Clinical Exercise Physiology Internship.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the College of Health Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in exercise science, exercise physiology, kinesiology or a closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- GRE scores
- letter of intent
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

A foreign language exam is not required.

All qualified applicants are admitted providing they have met all requirements for admission. Admission is not limited to any target number of students unless enrollment exceeds the projected capacity of the program to provide an adequate, quality program. In the case of space limitations, applicants are prioritized based on GRE scores, GPA, letters of reference and letter of intent for admission to the program.

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Communication Disorders, MS (LACOMDISMS)

Online Degree Search Title: Communication Disorders, MS

Campus: Tempe

Program Description:

The MS in communication disorders is a full-time residential program that can be completed in 20 months and prepares students to become certified speech language pathologists. The master's degree program trains students to evaluate and treat clients in speech, language, cognitive and swallowing disorders.

The first year of the program focuses on developing knowledge and skills in assessment and treatment of communication disorders across the lifespan. Hybrid courses use flipped classrooms and problem-based learning to develop skills needed in the field. Students complete clinical practicum with clinical faculty educators. The second year of the program expands on the knowledge base from year one and students acquire clinical skills in two full semesters of external clinical placements.

The program is accredited by the Council on Academic Accreditation of the American Speech-Language-Hearing Association.

This program provides a wide range of research and clinical opportunities. Clinical settings include inpatient and outpatient medical sites, public schools, early intervention programs and private practices. A part-time employment program is available for speech language pathology assistants who are working in a public school setting. A multicultural and multilingual certificate program is an option for individuals interested in specialized training.

Degree Requirements:

52 credit hours and a written comprehensive exam, or 52 credit hours, a thesis and a written comprehensive exam.

Required Core (31 credit hours)

SHS 538 Clinical Methods in Speech-Language Pathology (3)

SHS 539 Professional Issues in Speech-Language Pathology (2)

SHS 567 Neural Bases of Communication Disorders (2)

SHS 570 Communication Disorders and Multicultural Populations (2) or SHS 597 Bilingual Speech-Language Pathology (2)

SHS 571 Augmentative Communication and Language Programming (2)

SHS 572 Language Assessment and Intervention in Infants and Toddlers (2)

SHS 573 Language Assessment and Intervention with School-Age Populations (2)

SHS 574 Management of Voice and Swallowing Disorders (2)

SHS 575 Aphasia and Related Neurogenic Language Disorders (2)

SHS 577 Current Assessment, Intervention and Research in Autism (2)

SHS 578 Fluency Disorders (2)

SHS 581 Right Hemisphere Syndrome, Traumatic Brain Injury and Dementia (2)

SHS 582 Differential Diagnosis of Communication Disorders (2)

SHS 585 Articulation and Phonology: Assessment and Intervention (2)

SHS 587 Language Assessment and Intervention with Preschool Populations (2)

Electives (0 or 6 credit hours)

Other Requirements (15 credit hours)

SHS 500 Research Methods (1)

SHS 580 Clinical Practicum (6)

SHS 584 Clinical Internship (8)

Culminating Experience (0 or 6 credit hours)

written comprehensive exam (0) or

SHS 599 Thesis (6)

Additional Curricular Information

Core course SHS 538 is one credit hour taken three times for a total of three credit hours.

Students in the nonthesis option take six credit hours of electives. Students should see the academic unit for an approved list of elective courses.

Both the thesis and nonthesis options require the American Speech-Language-Hearing Association Praxis national exam in speech language pathology. This is the comprehensive exam for the thesis option. For the nonthesis option, a department-administered comprehensive examination in speech-language pathology is required along with the national exam to fulfill the requirements of the comprehensive exam.

Eligibility for graduation is based upon a passing score on the American Speech-Language-Hearing Association Praxis national certification examination in speech-language pathology; successful completion of the thesis or nonthesis option, including the required culminating experience and academic credits; and successful completion of clinical experiences.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the College of Health Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's degree in speech and hearing science or a related field from a regionally accredited institution and completed prerequisite coursework in speech and hearing.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- personal statement not to exceed 300 words
- GRE scores
- email addresses of three recommenders
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Students should see the program website for application deadlines and admission terms. Candidates who have undergraduate deficiencies may need to take required prerequisite courses.

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Communication Disorders in Multilingual/Multicultural Populations (certificate), Certificate (NHCDMPGRCT)

Online Degree Search Title: Communication Disorders in Multilingual/Multicultural Populations (Graduate Certificate)

Campus: Tempe

Program Description:

The certificate program in communication disorders in multilingual/multicultural populations provides expanded coursework on working with adults, children and families who are culturally and linguistically diverse. It also provides enhanced academic classes, clinical experience in authentic community-based settings, and engagement in community-centered, interprofessional projects.

Students who complete the certificate program have the knowledge and practical experience to address effectively the needs of culturally and linguistically diverse adults, children and families.

Degree Requirements:

15 credit hours.

Required Core (11 credit hours)

SHS 524 Counseling in Communication Disorders (2)
SHS 570 Communication Disorders and Multicultural Populations (2)
SHS 586 Language Essentials for Teaching Reading (2)
SHS 588 Spanish Language Acquisition (3)
SHS 597 Bilingual Speech-Language Pathology (2)

Other Requirement (4 credit hours)

SHS 584 Clinical Internship (4)

Culminating Experience (0 credit hours)

portfolio (0)

Additional Curriculum Information

A written portfolio in multicultural populations is the culminating experience for the certificate. This is an applied, community-based project that builds depth of knowledge resulting in a paper that students must present to the academic unit. Students should discuss research opportunities with their academic advisor for their portfolio.

As part of the certificate requirements, students also must complete an online module on parent training with culturally and linguistically appropriate techniques.

Students who wish to obtain a bilingual endorsement must complete the Arizona Classroom Teacher Spanish Proficiency Examination administered by the School of International Letters and Cultures.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the College of Health Solutions.

Applicants are eligible to apply to the certificate program if they are enrolled in the MS program in communication disorders at ASU.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- three letters of recommendation

- GRE scores
- letter of intent or written statement
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

International students who need an F1 or J1 visa will need to first apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission be considered for admission to this certificate program.

Candidates who have undergraduate deficiencies may need to take required prerequisite courses.

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Exercise and Nutritional Sciences, PHD (ECNUTRIPHD)

Online Degree Search Title: Exercise and Nutritional Sciences, PhD

Campus: Downtown Phoenix

Program Description:

In integrating disciplinary contexts, the PhD program in exercise and nutritional sciences is uniquely designed to train scholars to conduct high impact, transdisciplinary health promotion research that explores issues that contribute to health through chronic disease risk reduction, quality of life promotion and enhancement of well-being.

Students are actively engaged in research at every stage of the program through participation in research practicums, translational research teams, research seminars and colloquia, and dissertation research. Students work collaboratively with an approved mentor from the beginning to the end of the doctoral program, and select to focus their research on one primary area of interest: metabolism and physiology, behavioral and population health sciences, or biomechanics and motor control.

Program graduates are prepared for research careers in research-intensive universities, governmental agencies, and health-related research positions in private industry.

The program is four years of full-time study after earning a master's degree. The program accepts part-time students.

Degree Requirements:

89 credit hours including a dissertation.

Required Core (6 credit hours)

EXW 640 Analysis of Variance for Exercise and Wellness (3)

EXW 645 Advanced Applied Methods and Analysis (3)

Required Research (12 credit hours)

EXW 700 Research Methods (3)

EXW 701 Advanced Research Methods (3)

EXW 780 or NTR 780 Practicum (6)

Elective Research (15 credit hours)

Professional Development (5 credit hours)

EXW 691 or NTR 691 Seminar (3)

EXW 784 Internship (2)

Focus Area (9 credit hours)

Electives (30 credit hours)

Culminating Experience (12 credit hours)
EXW 799 or NTR 799 Dissertation (12)

Additional Curriculum Information

Students are to tailor a course of study in either nutrition and health or physical activity and health. Within these areas, students are expected to focus their study in a specific thematic area. There are three focus areas to choose from:

- behavioral and population health sciences
- metabolism and physiology
- biomechanics and motor control

Courses in the focus or thematic area are determined by the student and supervisory committee. Up to three but not more than nine credit hours in the focus area may be taken from a program outside the nutrition, exercise science and health promotion programs.

Professional development courses include a teaching internship (EXW 784) to help prepare students in exercise and nutritional science to become teaching faculty, and a seminar course taken over three semesters (EXW/NTR 791) that addresses career opportunities and preparation for faculty or professional positions in the nutrition, exercise and health promotion fields.

When approved by the student's supervisory committee and Graduate College, 30 credit hours from a previously awarded master's degree are allowed to be used for this degree.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the College of Health Solutions.

Applicants are eligible to apply to the program if they have earned a master's degree in any field, from a regionally accredited institution, and prefer that a data-based research thesis has been completed.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, and applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- GRE scores (verbal, quantitative and writing)
- letter of intent
- professional resume
- three letters of recommendation
- teaching or research assistantship application
- writing sample (six to 10 pages)
- an oral interview with program faculty (in person or via Skype) prior to acceptance
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Applicants must submit a TOEFL score unless the requirements for an exception have been met. Details are available at <https://admission.asu.edu/international/graduate/english-proficiency> (<https://admission.asu.edu/international/graduate/english-proficiency>).

The letter of intent should indicate research or scholarly interest, primary program area, statement of career goals and name of a potential faculty mentor from the list of approved faculty mentors.

Prerequisites

All applicants must have taken a graduate level research methods and a graduate level research statistics course prior to admission. Students are expected to take a pretest in research methods and research statistics the summer prior to enrolling.

It is expected that students admitted to the program have documented academic training and a strong interest in exercise science, nutrition science or health promotion. Thus, depending on the student's academic training, background, scholarly interests and focus area, a student may be asked to take undergraduate courses as deficiencies prior to or concurrently with graduate course enrollment.

Pathways through program

Two pathways through the program are available to students depending on their funding source, full-time via TA/RA funding or part-time self-funded. With both pathways, the intent is to involve and embed students in ongoing research as well as in-class study throughout their stay.

Students should see the program website for application deadlines and admission terms.

Contact Information:

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Exercise and Wellness, MS (EEXERMS)

Online Degree Search Title: Exercise and Wellness, MS

Campus: Downtown Phoenix

Program Description:

The MS program in exercise and wellness offers unique opportunities for those interested in becoming scholarly professionals with advanced training in fitness and wellness, strength and conditioning, exercise and physical activity health promotion, or exercise and chronic disease prevention.

The degree program is appropriate for those who wish to pursue careers in commercial fitness and wellness, strength and conditioning, worksite or corporate fitness, community physical activity health promotion, and personal training for health and performance or life coaching. It is for professionals in education, counseling, nutrition or other health related fields who wish to expand their knowledge and skill for working with fitness, exercise and physical activity behavior, and it is for those who wish to pursue further graduate study in fields such as exercise physiology, public health or physical therapy.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Exercise and Wellness, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

36 credit hours and a applied project, or 36 credit hours and a thesis, or 36 credit hours and a written comprehensive exam.

Required Core (9 credit hours)

EXW 501 Research Statistics (3)

EXW 536 Physiological Aspects of Physical Activity and Chronic Disease (3)

EXW 542 Health Promotion (3)

Research (6 credit hours)

EXW 500 Research Methods (3)

EXW 591 Exercise and Wellness Seminar (2)

EXW 592 Research (1)

Electives (15-21 credit hours)

Culminating Experience (0-6 credit hours)

EXW 599 Thesis (6) or

EXW 593 Applied Project (6) or
written comprehensive exam (0)

Additional Curriculum Information

All students must focus their plan of study in one of four areas: fitness and conditioning, exercise science, physical activity health promotion, or exercise and aging. The focus determines the choice of electives available to students. For a list of approved elective courses, students should see the academic unit.

Fitness and Conditioning -- This is focused study in areas such as resistance training, sport and fitness conditioning, advanced sport nutrition, advanced exercise testing and prescription, health behavior theory, motivational interviewing, and exercise for obesity and aging. This focus area is a good option for students who are interested in pursuing careers in strength and conditioning and the fitness industry, and who may be pursuing further graduate study in applied exercise science or physical therapy.

Exercise Science -- This is focused study in areas such as advanced exercise physiology, muscle physiology, fuel metabolism, exercise

endocrinology, advanced exercise testing and prescription, physiology of physical activity and chronic disease, biomechanics, and motor control. This focus area is a good option for students who are interested in pursuing further graduate study in the area of exercise science.

Physical Activity Health Promotion -- This is focused study in areas such as health promotion program planning, implementation and evaluation, physical activity policy in public health, health behavior change theory, motivational interviewing, physiology of physical activity and chronic disease, exercise for obesity, aging and sleep, and the role of mindfulness in stress, health and health behavior. This focus area is a good option for students who are interested in pursuing careers in health promotion, corporate wellness or public health, and who may be pursuing further graduate study in health promotion or public health.

Exercise and Aging -- This is focused study on the impact of aging and physical activity, the management and treatment of chronic disease, advanced exercise testing and prescription, geriatric nutrition, motor control and aging, and perspectives and policies for healthy aging. This focus area is a good option for students who are interested in designing and delivering physical activity and exercise programs specifically for aging populations.

All students are admitted to the nonthesis option but may apply to the thesis option.

The nonthesis option requires an applied project or a written comprehensive exam as the culminating experience. The nonthesis option is an appropriate choice for those students who cannot devote full-time to their research endeavors or for students who are seeking to continue their education, advance their skill level as practitioners or advance their current careers. Students who take the written comprehensive exam are required to take six additional elective courses in the focus area.

In the thesis option, the thesis is considered the final integrative experience of the degree; it involves conducting research that is guided by a recognized research paradigm (e.g., scientific, interpretive) and producing a scholarly report of the process and results. The thesis option is a good choice for students who are interested in pursuing more advanced graduate study in the field.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the College of Health Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in a related field from a regionally accredited institution. Students are expected to have the coursework and undergraduate credit for the basic courses required for a BS degree in exercise and wellness. Students who do not have these course competencies can be admitted with deficiencies. Deficiencies are determined upon admission, and these courses must be completed, usually by the end of the first year of study. These courses are not considered part of the graduate plan of study. A graduate course may be substituted for a deficiency but will be evaluated on a case-by-case basis.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- GRE scores
- statement of career or research interests
- three professional letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must submit proof of English proficiency regardless of current residency.

BIO 201 and BIO 202 must be completed prior to admission to the master's degree program. Other deficiency courses may be taken prior to or during the master's degree program. The corresponding ASU course can be found in parentheses:

Human Anatomy and Laboratory (BIO 201 Human Anatomy and Physiology I)
Human Physiology and Laboratory (BIO 202 Human Anatomy and Physiology II)
Human Nutrition (NTR 241 Human Nutrition)
Exercise Physiology and Laboratory (EXW 315 Physiological Foundations of Movement)
Kinesiology and Laboratory (EXW 330 Kinesiological Foundations of Movement)
Exercise Testing and Laboratory (EXW 420 Exercise Testing)
Exercise Prescription (EXW 425 Exercise Prescription)

An undergraduate course in statistics is strongly recommended.

Students should see the program website for application deadlines.

Contact Information:

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Health Informatics, MAS (GCHLHINMAS)

Online Degree Search Title: Health Informatics, MAS

Campus: Online

Program Description:

The MAS in health informatics is a flexible program formatted to meet the needs of working professionals. Core courses provide a background in clinical informatics, while electives allow students to specialize in focus areas such as data science or mobile health.

The degree program prepares graduates with skills for careers in a wide range of health care settings. Professionals in nonhealth fields can also develop the skills needed to transition into careers in this rapidly expanding field.

Degree Requirements:

30 credit hours including the required applied project course (BMI 593).

Required Core (12 credit hours)

BMI 601 Fundamentals of Health Informatics (3)

BMI 603 Health Informatics Database Modeling and Applications (3)

BMI 614 Current Perspectives in Health Informatics (3)

BMI 616 Clinical Decision Support and Evidence-Based Medicine (3)

Electives (15 credit hours)

Culminating Experience (3 credit hours)

BMI 593 Applied Project

Admission Requirements:

Applicants must fulfill the requirements of the Graduate College and the College of Health Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in a related field such as biology, computer science, medicine, nursing, pharmacy or public health, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants are required to submit:

- graduate admission application and application fee
- official transcripts
- current resume or curriculum vitae
- two letters of recommendation
- statement of purpose
- proof of English proficiency

Additional Admission Requirements

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. A TOEFL score is required for applicants whose native language is not English.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/graduate/master-advanced-study-health-informatics/>)

Contact Information:

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Integrated Behavioral Health - Clinical (Certificate), Certificate (NHIBHCGRCT)

Online Degree Search Title: Integrated Behavioral Health -Clinical (Graduate Certificate)

Campus: Online

Program Description:

This certificate program in integrated behavioral health with a clinical focus provides training for clinicians who aspire to work in integrated primary care behavioral health. Though there is a growing need for behavioral health providers who can promote the physical and mental health of primary care patients, and despite licensed social workers and counselors comprising much of the field's workforce, there remain few opportunities for specific clinical training in the field. Few have received specific clinical training in brief focused interventions delivered in primary care clinics for a wide scope of health concerns.

The curriculum is designed to provide students with a deeper understanding of models of primary care behavioral health and provide training on evidence-based approaches to behavioral health care, population-based health and medical literacy to ensure applicants have a working knowledge of the skills necessary for success in the integrated primary care arena.

Degree Requirements:

15 credit hours.

Required Core (12 credit hours)

IBC 601 Models of Integrated Primary Care (3)

IBC 603 Brief Interventions in Primary Care (3)

IBC 604 Clinical Medicine/Pathophysiology (3)

IBC 611 Population-Based Behavioral Health Management (3)

Electives (3 credit hours)

Additional Curriculum Information

Students should see the academic unit for the approved course list of electives. Other coursework may be used with the approval of the academic unit.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the College of Health Solutions.

Applicants are eligible to apply to the program if they have earned a master's degree in a related field such as social work, counseling, family therapy, clinical psychology or nursing, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official graduate transcripts
- personal statement
- one letter of professional recommendation
- current resume or curriculum vita
- submission of licensure form and copy of license
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

All applicants are required to hold a master's degree that results in behavioral health licensure or license-eligibility. In rare cases, applicants are considered with a master's degree and licensure unrelated to their degree (e.g., applicant with a master's degree in public health and licensure as a registered dietician). Consistent with the current admissions process for the Doctor of Behavioral Health program, licensure and licensure-eligibility is determined by the student's submission of an online form that is part of the supplemental application and a copy of their board-issued license.

The requirements for the personal statement are outlined on the online application.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/certificates/integrated-behavioral-health-clinical-grad-certificate/>)

Contact Information:

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Integrated Behavioral Health - Management (Certificate), Certificate (NHIBHMGRCT)

Online Degree Search Title: Integrated Behavioral Health - Management (Graduate Certificate)

Campus: Online

Program Description:

This certificate program in integrated behavioral health with a focus on management is designed for health care managers with master's degrees as well as aspiring health care managers and provides training on the integration of medical and behavioral services. Integrated health care has expanded significantly in recent years in conjunction with the expansion of the primary care medical home model and other funding initiatives that reimburse primary care practices for better managing the whole-health care of their patients, including treatment of mental health concerns and enhanced behavior change coaching that result in improved health outcomes. Despite the growing need for such clinics, few individuals have received training on models of primary care integration and business and funding initiatives required for successful integration.

Degree Requirements:

15 credit hours.

Required Core (12 credit hours)

IBC 601 Models of Integrated Primary Care (3)

IBC 614 Quality and Performance Measurement, Improvement and Incentives in Health Care (3)

IBC 626 Behavioral Health Management (3)

IBC 630 Financial Management of Health Care (3)

Electives (3 credit hours)

Additional Curriculum Information

Students should see the academic unit for the approved course list of electives. Other coursework may be used with the approval of the academic unit.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the College of Health Solutions.

Applicants are eligible to apply to the program if they have earned a master's degree, in a related field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- personal statement
- one letter of professional recommendation
- current resume or curriculum vita
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The requirements for the personal statement are outlined on the online application.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/certificates/integrated-behavioral-health-management-grad-certificate/>)

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Integrated Health Care, MIHC (NHIHCMIHC)

Online Degree Search Title: Integrated Health Care, MIHC

Campus: Downtown Phoenix

Program Description:

Graduates of the MIHC degree program are prepared to develop, implement, evaluate and sustain integrated care delivery in diverse health care settings.

Through the Master of Integrated Health Care program, students gain management-level knowledge in health care operations, financial management, quality improvement, big data analytics, evidence-based practice, interprofessional leadership and team work, and strategic planning. Students apply their knowledge and advance their competencies through a final project as they assist a health care system to further an existing or emerging integrated care program.

Master of Integrated Health Care graduates have the competencies to serve as managers in primary care clinics, hospitals, mental health and substance abuse treatment programs, health plan disease management and employer-based wellness programs, and other innovative integrated care settings.

Degree Requirements:

30 credit hours including the required applied project course (IBC 593).

Required Core (21 credit hours)

IBC 520 Integrated Health Care: The Patient-Centered Medical Home (PCMH) (3)

IBC 530 Evidence-based Integrated Health Care (3)

IBC 540 Integrated Health Care Process Improvement (3)

IBC 550 Integrated Care Business Operations (3)

IBC 560 Strategic Business Planning and Big Data (3)

IBC 570 Financial Management (3)

IBC 585 Interprofessional Consultation, Leadership and Teamwork in Integrated Health Care (3)

Electives or Research (6 credit hours)

Culminating Experience (3 credit hours)

IBC 593 Applied Project (3)

Additional Curricular Information

Students select HCI 500-level elective courses with approval from the academic unit.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the College of Health Solutions.

Applicants are eligible to apply to the program if they have earned a minimum of a bachelor's degree in social or behavioral sciences, health, business, public health, management or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee

- personal statement
- official transcripts
- curriculum vitae
- letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

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International Health Management, MIHM (NHIHMIHM)

Online Degree Search Title: International Health Management, MIHM

Campus: Online

Program Description:

The 100% online MIHM degree is offered by Arizona State University in partnership with the University of New South Wales in Sydney, Australia. Ideal for students seeking a career in international health systems management, this degree program advances the core principles of the PLuS Alliance to develop solutions to global challenges and generate social impact in health and health care. The collaborative and international nature of the program provides students access to global academic networks and industry partners.

Students in this international health management program select a track focusing on health informatics, quality improvement in health care, health economics or hospital management. Students will build knowledge necessary for leadership and management, including policy, economics, finance and development, from the combined expertise of faculty at two world-renowned research universities. After courses in health care management, finance and comparative health systems, students choose an area of focus in health informatics, quality improvement in health care, health economics or hospital management.

Major sites of employment for graduates include hospital systems, nursing homes and similar facilities, and outpatient clinics. There is a significant growth market for graduates with skills in international health management given the aging populations and the need for a health care workforce competent in informatics, leadership and finance.

Degree Requirements:

30 credit hours and a portfolio.

Required Core (6 credit hours)

HCD 532 Health Care Management and Finance (3)

HCD 537 Comparative Health Care Systems (3)

Track Courses (12 credit hours)

Electives or Research (12 credit hours)

Culminating Experience (0 credit hours)

Portfolio (0)

Additional Curriculum Information

Coursework taken for this program is provided through ASU and the University of New South Wales. For the specified core course, students take the equivalent of HCD 537 (PHCM 9471) at the University of New South Wales.

Students select one of the tracks as part of their curriculum. Some track courses are also listed as possible electives. In the event that an elective course is also listed as a specific track course for the track the student has selected, the student must select a different course as the elective.

Students should see the academic unit for an approved list of track and elective courses.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the College of Health Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's degree (or equivalent) or master's degree from a regionally accredited college or university in a related field such as biology, chemistry, biochemistry, nursing, public health, pharmacy, biomedical informatics, social work, premed, prehealth, nutrition, health promotion or others.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- three letters of reference
- personal statement
- resume or curriculum vitae
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Three letters of reference from either academic or professional sources are required; reference letters from friends or relatives are not accepted. Letters demonstrating involvement in health care, community service or leadership are encouraged.

A personal statement must be submitted that explains how the applicant plans to contribute to the health care system after the degree is obtained; how the program will help the applicant achieve their goals; what the applicant's career aspirations are; and what interested the applicant in this degree program.

A phone or video conference interview with the admissions committee may be required.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/graduate/international-health-management-mihm/>)

Contact Information:

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Medical Nutrition, MS (NHMNTSMS)

Online Degree Search Title: Medical Nutrition, MS

Campus: Online

Program Description:

This MS program in medical nutrition is designed for current and future health care professionals, including gap-year students, those who have completed their bachelor's degree but have not yet secured admission to medical, veterinary, dental, osteopathic, physician assistant or similar schools; and for current medical students, residents, fellows and practitioners in the aforementioned fields who seek to develop a strong knowledge base in the nutritional sciences and its application in the health care field.

Students develop competence in nutritional biochemistry and its application in health maintenance, the treatment of disease and disease prevention. Training in therapeutic diets, nutrition guidelines and supplement and functional food usage is integrated into coursework and culminating experiences. Self-directed learning using evidence-based nutrition research and case studies is emphasized, and students develop interpretive expertise and nutritional assessment techniques to use in clinical practice. Proficiency in reading and interpreting nutrition research is a key program goal.

Degree Requirements:

30 credit hours including an applied project course (NTR 593).

Required Core (21 credit hours)

NTR 502 Statistics in Research (3)

NTR 510 Food and Nutrition Across the Lifespan (3)

NTR 511 Medical Nutrition in the Care and Prevention of Disease (3)
NTR 524 Chronic Inflammation and Metabolic Syndrome (3)
NTR 525 Complementary Nutrition (3)
NTR 533 Ethics and Policy of American Diets (3)
NTR 535 Nutrigenomics (3)

Other Requirement (3 credit hours)
NTR 500 Research Methods (3)

Culminating Experience (6 credit hours)
NTR 593 Applied Project (6)

Additional Curriculum Information

Other requirement coursework may be substituted with the approval of the student's graduate committee.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the College of Health Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- GRE scores
- three letters of recommendation
- one page personal statement
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The letters of recommendation should be from previous instructors or professors.

The GRE requirement may be waived for applicants who meet one of the following criteria:

- a minimum GPA of 3.20 in an awarded bachelor's degree in nutrition from an Accreditation Council for Education in Nutrition and Dietetics (ACEND) accredited program
- a minimum GPA of 3.50 in an awarded bachelor's degree from a regionally accredited institution
- submission of MCAT, DAT or other professional school entrance examination scores
- currently a licensed medical or health professional (e.g., physician, physician assistant, dentist, physical therapist, registered dietitian)

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/graduate/medical-nutrition-ms/>)

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Nutritional Science, MS (ECHNUTMS)

Online Degree Search Title: Nutritional Science, MS

Campus: Downtown Phoenix

Program Description:

The ASU MS program in nutritional science prepares students to translate nutrition science into practical use for human health and wellness.

Students learn about nutrition alongside faculty who are immersed in the latest research, and they build practical understanding through internships and their own guided research.

The program is based on the scientific foundations of human nutrition. Students also develop strong writing and problem-solving skills, computer literacy, and interpretive expertise and are afforded research experiences. Students who have completed an accredited didactic program in dietetics may also elect to apply to the ASU dietetic internship in order to meet the requirements to become a registered dietitian nutritionist. More information is available at <https://chs.asu.edu/programs/nutrition-dietetics/how-become-registered-dietitian> (<https://chs.asu.edu/programs/nutrition-dietetics/how-become-registered-dietitian>).

The primary objective of the graduate program in nutrition is to provide advanced training in nutrition research. Graduate students are expected to develop competencies in research methods and in advanced practice knowledge relevant to their area of study. The skills and knowledge acquired during the course of training should enable each student to develop professional competencies that can be applied to significant problems and issues within the field of nutrition and dietetics.

The new track in sports nutrition, under the existing on-ground MS in nutritional science program, provides an option for students to select specialized courses in sports nutrition and exercise science and obtain hands-on training with sports dietitians and nutrition faculty who are experts in sports nutrition, work with student athletes and conduct research in the ASU Sun Devil Athletics program. Students in this track complete the same core nutrition graduate courses but take track courses and electives that focus on sports nutrition, hydration, exercise physiology, etc. They also complete their required thesis research under the guidance of sports nutrition research professors in the College of Health Solutions.

Degree Requirements:

30 credit hours and a thesis, or 30 credit hours including the required Applied Project course (NTR 593).

Required Core (3 credit hours)

EXW 501 Research Statistics (3) or

NTR 502 Statistics in Research (3)

Restricted Electives (9 credit hours)

NTR 501 Research Methods in Nutrition II (3)

NTR 503 Designing Health Behavior Change Interventions (3)

NTR 524 Chronic Inflammation and Metabolic Syndrome (3)

NTR 525 Complementary Nutrition (3)

NTR 527 Policies, Environment and Obesity Prevention (3)

NTR 529 Pediatric Nutrition (3)

NTR 532 Endocrine Pathophysiology and Nutrition (3)

NTR 533 Ethics and Policy of American Diets (3)

NTR 535 Nutrigenomics (3)

NTR 537 Evidence-Based Nutrition (3)

NTR 551 Geriatric Nutrition (3)

NTR 553 Nutrition and Cardiovascular Disease (3)

NTR 555 Nutrition and the Athlete (3)

NTR 557 Nutritional Epidemiology (3)

NTR 598 Special Topics (3)

Open Electives (9 credit hours)

Research (3 credit hours)

NTR 500 Research Methods (3)

Culminating Experience (6 credit hours)

NTR 593 Applied Project (6) or

NTR 599 Thesis (6)

Additional Curriculum Information

Students choose three courses from the restricted electives list above for a total of nine credit hours. Other courses may be used with approval of the academic unit.

One research methods course is required. NTR 500 may be substituted with approval from the academic unit.

Students in the sports nutrition track complete six credit hours for the track as part of electives.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the College of Health Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree (nutrition or science is recommended) from a regionally accredited institution. Students who are pursuing the Master of Science in nutritional science will need to complete the following prerequisites: anatomy and physiology, biochemistry, general chemistry with lab, general nutrition for majors, microbiology, organic chemistry with lab, and statistics.

These courses are part of the ASU didactic program in dietetics required for ASU's BS degree in dietetics and to be eligible to apply for admission into an accredited dietetic internship to become a registered dietitian. If an applicant has completed a didactic program in dietetics from another university, these prerequisites will be considered complete. Prerequisite courses can be in progress when the student submits the application; however, if the student is accepted into the Master of Science degree program, all prerequisites must be completed before the program begins in the fall semester.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- GRE scores
- resume
- personal statement
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

A resume that summarizes the academic, volunteer and employment experiences of the applicant needs to be submitted with the graduate admission application.

A personal statement that includes the following must be submitted with the graduate admission application:

- a description of the applicant's significant professional responsibilities
- the applicant's professional goals and the reasons for the desire to enroll in ASU's program
- the applicant's strengths that will allow the applicant success in the program and in reaching professional goals
- the applicant's personal research interests, described as specifically as possible and including any previous research experience, along with indication of any interest in being considered for the optional track in sports nutrition

Three letters of recommendation are required, including at least one from an instructor at the applicant's undergraduate school. Letters of recommendation can be submitted with the graduate admission online application.

A foreign language examination is not required for this program.

No interview is required.

Contact Information:

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Nutritional Science (Dietetics), MS (ECNTRDMS)

Online Degree Search Title: Nutritional Science (Dietetics), MS

Campus: Online

Program Description:

The MS program in nutritional science with a dietetics concentration is a nonthesis option for registered dietitian nutritionists seeking to continue their education and advance their skills as practitioners. The program is based on the scientific foundations of nutrition and prepares students to have strong writing skills, computer literacy, interpretive expertise and problem-solving skills.

time or part time. This is a fully online program with multiple start dates each year. Courses are 7.5 weeks long and semesters are divided into A and B sessions. Up to 12 credit hours can be transferred from another accredited program with the approval of the program director.

Degree Requirements:

30 credit hours including the required applied project course (NTR 593).

Required Core (3 credit hours)

EXW 501 Research Statistics (3) or

NTR 502 Statistics in Research (3)

Concentration (9 credit hours)

NTR 501 Research Methods in Nutrition II (3)

NTR 503 Designing Health Behavior Change Interventions (3)

NTR 524 Chronic Inflammation and Metabolic Syndrome (3)

NTR 525 Complementary Nutrition (3)

NTR 527 Policies, Environment and Obesity Prevention (3)

NTR 529 Pediatric Nutrition (3)

NTR 532 Endocrine Pathophysiology and Nutrition (3)

NTR 533 Ethics and Policy of American Diets (3)

NTR 535 Nutrigenomics (3)

NTR 537 Evidence-Based Nutrition (3)

NTR 551 Geriatric Nutrition (3)

NTR 553 Nutrition and Cardiovascular Disease (3)

NTR 555 Nutrition and the Athlete (3)

NTR 557 Nutritional Epidemiology (3)

NTR 598 Special Topics (3)

Research (3 credit hours)

NTR 500 Research Methods (3)

Open Electives (9 credit hours)

Culminating Experience (6 credit hours)

NTR 593 Applied Project (6)

Additional Curriculum Information

For concentration coursework, students choose three courses from the list above for a total of nine credit hours.

One research methods course is required. NTR 500 may be substituted with approval from the academic unit.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the College of Health Solutions.

Applicants are required to have adequate academic preparation which includes a minimum of a BS or BA degree from a regionally accredited institution, current RD credential, and one year of full-time work experience as an RD.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- proof of Registered Dietitian status
- resume
- personal statement
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency via a TOEFL score.

Applicants should submit proof of registered dietitian status by accessing the Commission on Dietetic Registration's website (<https://www.cdrnet.org>)

(<https://www.cdrnet.org>) and complete the verification process using the online credential verification search.

A resume is required that summarizes the applicant's academic, volunteer and employment experiences.

Also required is a one- to two-page, typed, double-spaced, personal statement addressing the following: significant professional responsibilities the applicant has held; professional goals and reasons for desiring to enroll in this program; strengths that will help the applicant succeed in this program and in reaching their professional goals; and, personal interests in research, including, if applicable, studies involving the practice of dietetics.

Three letters of recommendation are to be submitted with the application, including at least one from an employer or work supervisor.

Because passing the registered dietitian exam and gaining work experience in the field of dietetics are required for successful admission to the MS in nutritional science dietetics concentration, the nutrition program graduate committee does not require applicants to take or submit scores from the GRE. In lieu of GRE scores, a telephone interview may be conducted.

A foreign language examination is not required for this program.

A personal or phone interview may be required.

Applicants to the Master of Science degree program in nutritional science with a concentration in dietetics must have one year of full-time work experience as a registered dietitian nutritionist; however, applicants do not have to be employed at the time they apply to the program nor do students have to be employed to maintain good standing within the program.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/graduate/master-science-nutritional-science-dietetics/>)

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Obesity Prevention and Management, MS (NHOB SMS)

Online Degree Search Title: Obesity Prevention and Management, MS

Campus: Downtown Phoenix

ASU is no longer accepting new students to this program. Please explore Degree Search for other similar program options.

Program Description:

The MS in obesity prevention and management is an innovative degree program that draws on a wide array of expertise at ASU. The curriculum is designed to integrate perspectives from the social, applied, life and health sciences and provides advanced, graduate-level, problem-focused, experiential training that is grounded in evidence and best practices for effective prevention and management of obesity.

This degree program is geared toward postbaccalaureate students and professionals who wish to advance their understanding of the social, cultural, environmental, health and psychological issues associated with obesity. The program emphasizes the complex etiology of obesity and includes courses that will enhance students' ability to work with individuals and populations at risk of obesity to develop effective strategies for prevention and management of the condition across the lifespan.

Degree Requirements:

30 credit hours including a thesis, or 30 credit hours including an applied project (OBS 593).

Required Core (3 credit hours)

OBS 501 Obesity Prevention and Management: An Introduction (3)

Electives (21 credit hours)

Culminating Experience (6 credit hours)

OBS 593 Applied Project (6) or

OBS 599 Thesis (6)

Additional Curriculum Information

Students choose one three-credit hour elective course from each of the following categories: concepts in behavior change, research methods and statistics.

Additional elective course selections will depend upon the student's chosen track. Students select six credit hours from prescribed categories for each track and six credits from the following categories: cultural aspects of behavior change, general track, public health approaches for behavior change, and technological approaches for behavior change.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the College of Health Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's (or equivalent) or master's degree in social or health science-related fields from a regionally accredited institution. The following entry-level competencies are needed for admission to the program: Students should have completed undergraduate-level coursework in statistics and psychology and, ideally, have completed one or more courses in nutrition, physiology and chemistry.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit

- graduate admission application and application fee
- official transcripts
- GRE scores (verbal, quantitative and analytical)
- statement of educational and career goals
- writing sample
- letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Students who have an undergraduate GPA of 3.25 or higher in the last 60 hours of their undergrad program may have the GRE requirement waived with approval of the academic unit.

No foreign language examinations are required for admittance to the program.

Writing sample: A two- to three-page application letter is required in which applicants explain why they want to pursue this degree and why they feel well-prepared to succeed in this graduate program.

Contact Information:

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Science of Health Care Delivery, MS (NHSKCDMS)

Online Degree Search Title: Science of Health Care Delivery, MS

Campus: Downtown Phoenix, Online

Program Description:

The MS program in the science of health care delivery focuses on the study and design of systems, processes, leadership and management approaches used to optimize health care delivery and health for all. This degree program is designed for individuals interested in a career in the health care industry. It provides students with the knowledge and competencies to contribute in a patient-centered, safe and cost-effective health care system.

The curriculum is centered on achieving high-value care through leadership, population health, informatics, systems engineering, health care management, and health economics and policy. Students learn Lean Six Sigma principles and apply them to health care delivery challenges. The program challenges students to work on innovative solutions to improve the U.S. health care system by simultaneously improving the health of the population, enhancing the patient experience and reducing per capita cost of care. Students apply concepts through case studies and team-based

projects to facilitate integration of knowledge and competencies. Participating students work in a cohort through the program and are able to complete the degree in nine months (one academic year). Students are paired with leading health care delivery organizations to complete an applied capstone project during the program.

Degree Requirements:

30 credit hours including the required capstone course (HCD 550).

Required Core (24 credit hours)

BMI 601 Fundamentals of Health Informatics (3)

HCD 501 Biostatistics and Data Management (3)

HCD 502 Health Care Systems and Design (3)

HCD 511 Health Economics, Policy and Payment Models (3)

HCD 520 Population Health (3)

HCD 532 Health Care Management and Finance (3)

HCD 570 Process Engineering (3)

HCD 575 Leadership and Professionalism (3)

Electives (3 credit hours)

Research (2 credit hours)

HCD 592 Research: PART ONE (1)

HCD 592 Research: PART TWO (1)

Culminating Experience (1 credit hour)

HCD 550 Capstone (1)

Additional Curriculum Information

Elective coursework must be 500 level and must be from the HCD course prefix.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the College of Health Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited college or university of recognized standing in a related field such as biology, chemistry, biochemistry, nursing, public health, pharmacy, biomedical informatics, social work, premed, prehealth, nutrition, health promotion or others.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 credit hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- three letters of reference
- personal statement
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Three letters of reference from either academic or professional sources are required; reference letters from friends or relatives will not be accepted. Letters demonstrating involvement in health care, community service or leadership are encouraged.

A personal statement must be submitted that explains how the applicant plans to contribute to the health care system after the degree is obtained; how the program will help the applicant achieve the applicant's goals; what the applicant's career aspirations are; and what interested the applicant in this degree program.

A phone or video conference interview with the admissions committee may be required.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/graduate/master-science-science-health-care-delivery/>)

Contact Information:

Health Solutions, College of
College of Health Solutions
<https://chs.asu.edu/>
HLTHN 401AA
CHSGrad@asu.edu
602-496-3300

Science of Health Care Delivery (Certificate), Certificate (NHHCDGRCT)

Online Degree Search Title: Science of Health Care Delivery (Graduate Certificate)

Campus: Online

Program Description:

Change in the health care system has accelerated as the health care system transforms itself to one focused on value rather than on volume. The certificate program in the science of health care delivery addresses the current and future needs of the workforce in the health care industry, such as C-suite executives and administrators, health care providers (physicians, physician assistants, nurse practitioners and nurses), front line staff (respiratory therapists, occupational therapists, physical therapists and dietitians) and students in the health-related disciplines.

Degree Requirements:

Required Core (9 credit hours)

HCD 502 Health Care Systems and Design (3)

HCD 511 Health Economics, Policy and Payment Models (3)

HCD 520 Population Health (3)

Track (6 credit hours)

Additional Curriculum Information

Students select one of the following tracks: quality and process improvement, clinical informatics, and leadership.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the College of Health Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution. The following disciplines are preferred: business or law (health care and business administration, economics, finance or law), engineering (biomedical engineering), general science (biology or physiology), health-related field (nursing, health policy or public health), or math or computer science (statistics or computer science).

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- evidence of work experience
- proof of English language proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

More than two years of work experience in a health-related field is preferred.

Applicants must have basic competencies in college-level math, general biology (or physiology) and statistics. Course equivalencies include:

BIO 181 General Biology I

BIO 182 General Biology II

HCD 300 Biostatistics

MAT 117 College Algebra

or other coursework, with approval of the academic unit.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/certificates/graduate-certificate-science-health-care-delivery/>)

Contact Information:

Health Solutions, College of
College of Health Solutions
<https://chs.asu.edu/>
HLTHN 401AA
CHSGrad@asu.edu
602-496-3300

Speech and Hearing Science, PHD (LAHEARPHD)

Online Degree Search Title: Speech and Hearing Science, PhD

Campus: Tempe

Program Description:

The interdisciplinary PhD program in speech and hearing science prepares scholars for careers in basic and applied research in academic, industrial or health care environments.

Students pursue an individualized program with the unifying theme of human communication and disorders. Courses tailored to students' specific interests are taken from a variety of departments. In addition to a self-designed program of study, concentrations are offered in auditory and language neuroscience and in translational genetics of communication abilities. Students should visit the program website for further details about these options.

Degree Requirements:

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (2 credit hours)

SHS 701 Scientific Writing and Presentation in Communication Sciences and Disorders I (1)

SHS 702 Scientific Writing and Presentation in Communication Sciences and Disorders II (1)

Culminating Experience (12 credit hours)

SHS 799 Dissertation (12)

Additional Curriculum Information

When approved by the student's supervisory committee and the Graduate College, 28 credit hours from a previously awarded master's degree are allowed to be used for the degree.

Students complete content area coursework that may include aspects of neuroscience, methodology, speech and hearing science, and other specialty areas. A student completes their plan of study under the guidance of their faculty mentor and program committee. A programmatic research experience prepares the student for basic or applied research leading to the dissertation.

Admission Requirements:

Applicants must fulfill the requirements of the Graduate College and the College of Health Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's degree in a related field and do not wish to earn a clinical master's degree, or if they have earned a master's degree or equivalent in speech and hearing science, psychology, linguistics, or a related discipline from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts of undergraduate and graduate study
- application cover letter and personal statement
- GRE scores
- three letters of recommendation
- resume or curriculum vitae
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Professional letters of recommendation must be from three individuals who are familiar with the applicant's academic record and should contain contact information for the recommenders.

The personal statement must be 300 words or fewer and should include the experiences and qualities the student brings to the program, along with the student's goals for the future.

Contact Information:

Health Solutions, College of
College of Health Solutions
<https://chs.asu.edu/>
HLTHN 401AA
CHSGrad@asu.edu
602-496-3300

Speech and Hearing Science (Auditory and Language Neuroscience), PHD (NHSALPHD)

Online Degree Search Title: Speech and Hearing Science (Auditory and Language Neuroscience), PhD

Campus: Tempe

Program Description:

The auditory and language neuroscience concentration within the PhD program in speech and hearing science trains scholars in basic and applied research in the fields of auditory and language neuroscience. Students develop a strong foundation from which to conduct impactful neuroscience research related to healthy auditory and language abilities as well as the neural bases of communication disorders.

This program's faculty are in a unique position to provide this integrated training experience because of the program's focus on innovative approaches to the field of speech, language and hearing science. Faculty backgrounds include engineering, neuroscience and psychology in addition to world-class expertise in speech-language pathology and auditory neural prosthetics.

Degree Requirements:

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (2 credit hours)

SHS 701 Scientific Writing and Presentation in Communication Sciences and Disorders I (1)

SHS 702 Scientific Writing and Presentation in Communication Sciences and Disorders II (1)

Concentration (12 credit hours)

Research (21 credit hours)

SHS 792 Research (12)

research methods and statistics (9)

Electives or Additional Research (28 credit hours)

Other Requirements (9 credit hours)

SHS 790 Reading and Conference Professional Seminars (9)

preliminary exam (0)

comprehensive exams (0)

Culminating Experience (12 credit hours)

SHS 799 Dissertation (12)

Additional Curriculum Information

The concentration courses focus on issues related to auditory and language neuroscience. These credit hours may be accomplished in regular graduate-level (500+) courses or in special topic seminars and independent studies. The student's program committee guides selection of these courses, which may be focused on a broad base of areas related to auditory and language neuroscience.

Students should see the academic unit for approved concentration courses, professional seminars for SHS 790, research and electives. Other research and electives courses may be used with approval of the academic unit.

The preliminary exam research project is to be in the field of auditory or language neuroscience, or in both. Each student gives a formal presentation of their prospectus to their program committee. The defense for the preliminary exam research project includes a written document of the research project and an oral defense.

The comprehensive exams entail a written examination and an oral examination. The written exam takes one of the following formats: students write responses to questions posed by each committee member or students complete a written paper for each member of the committee.

For the proposed concentration, at least two of the three questions, or topics for the written papers, posed by the committee members must be focused in the area of auditory or language neuroscience, or in both. The comprehensive examination committee evaluates the written paper and the oral defense during a closed meeting with the student.

When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used for this degree. If students do not have a previously awarded master's degree, the 30 credit hours of coursework is to be made up of electives and research.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the College of Health Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's degree in a related field and do not wish to earn a clinical master's degree, or if they have earned a master's degree or equivalent in speech and hearing science, psychology, linguistics or a related discipline from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts of undergraduate and graduate study
- application cover letter and personal statement
- GRE scores
- three letters of recommendation
- resume or curriculum vitae
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Typically, applicants have completed a master's or AuD degree or equivalent in speech and hearing science, psychology, linguistics or a related discipline. Applicants with a bachelor's degree in speech and hearing science, psychology, engineering or another related field, strong research interests, and a strong academic record also are considered.

Students should see the program website for application deadlines.

Professional letters of recommendation must be from three individuals who are familiar with the applicant's academic record and should contain contact information for the recommenders.

Contact Information:

Health Solutions, College of
College of Health Solutions
<https://chs.asu.edu/>
HLTHN 401AA
CHSGrad@asu.edu
602-496-3300

Speech and Hearing Science (Translational Genetics of Communication Abilities), PHD (NHSSTGPHD)

Online Degree Search Title: Speech and Hearing Science (Translational Genetics of Communication Abilities), PhD

Campus: Tempe

Program Description:

The translational genetics of communication abilities concentration within the PhD program in speech and hearing science provides doctoral

students with training in an innovative approach to the clinical sciences (it was pioneered at ASU) in which the concepts of precision medicine are applied to all disciplines within communication sciences and disorders. Training in molecular genetics and bioinformatics equips students to investigate the interactions among genetic, brain-based and behavioral traits. Prior training in genetics is not required.

Knowledge of genotype-phenotype associations provides the foundation for the translational components of this program: early identification and intervention, individualized management and interprofessional approaches. Students have the option of focusing primarily on basic sciences aspects, on clinical translations, or on both.

This program leverages ASU's strong research and clinical expertise across clinical linguistics and its expertise in the biosciences and translational clinical sciences. Collaborating units at ASU include the Biodesign Institute, the School of Life Sciences, the College of Health Solutions with its many subspecialties such as bioinformatics, the Department of Psychology and many others.

Upon completion of this doctoral concentration, graduates have the skills to discover and understand networks of genotype-phenotype associations and to contribute to more effective clinical management of communication disorders using preventative, targeted and interprofessional methods.

Degree Requirements:

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (2 credit hours)

SHS 701 Scientific Writing and Presentation in Communication Sciences and Disorders I (1)

SHS 702 Scientific Writing and Presentation in Communication Sciences and Disorders II (1)

Concentration (12 credit hours)

Research (21 credit hours)

SHS 792 Research (12)

research methods and statistics (9)

Electives or Additional Research (28 credit hours)

Other Requirements (9 credit hours)

SHS 790 Reading and Conference Professional Seminars (9)

preliminary exam (0)

comprehensive exams (0)

Culminating Experience (12 credit hours)

SHS 799 Dissertation (12)

Additional Curriculum Information

The concentration courses focus on issues related to translational genetics. These credit hours may be accomplished in regular graduate-level courses (500-level and higher) or in special topic seminars and independent studies. The student's program committee guides selection of these courses, which may be focused on a broad base of areas related to translational genetics. All doctoral graduates with this concentration are required to have foundational knowledge in genetics.

Students should see the academic unit for approved concentration courses, professional seminars for SHS 790, research and electives. Other research and electives courses may be used with approval of the academic unit.

The preliminary exam research project is to be within the field of translational genetics of communication abilities. Each student gives a formal presentation of their prospectus to their program committee. The defense for the preliminary exam research project includes a written document of the research project and an oral defense.

Prior to commencing dissertation research, the student must pass a comprehensive written examination covering their field of study, which must be orally defended.

When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used for this degree. If students do not have a previously awarded master's degree, the 30 hours of coursework is to be made up of electives and research.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the College of Health Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's degree in a related field and do not wish to earn a clinical master's

degree, or if they have earned a master's degree or equivalent in speech and hearing science, psychology, linguistics or a related discipline from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- application cover letter and personal statement
- GRE scores
- three letters of recommendation
- resume or curriculum vitae
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Applicants must demonstrate a strong interest in translational genetics as indicated in the applicant's written statement of academic and professional goals

Typically, applicants have completed a master's or AuD degree or equivalent in speech and hearing science, psychology, linguistics or a related discipline. Applicants with a bachelor's degree, strong research interests and a strong academic record also are considered. Applicants who wish to study the genetics of a certain communication disorder but lack undergraduate or graduate level training in communication disorders are required to take relevant courses in the college.

Students should see the program website for application deadlines.

Professional letters of recommendation must be from three individuals who are familiar with the applicant's academic record and should contain contact information for the recommenders.

Contact Information:

Health Solutions, College of
College of Health Solutions
<https://chs.asu.edu/>
HLTHN 401AA
CHSGrad@asu.edu
602-496-3300

Integrative Sciences and Arts, College of

Applied Biological Sciences, MS (TSAPBIOSMS)

Online Degree Search Title: Applied Biological Sciences, MS

Campus: Polytechnic

Program Description:

The MS program in applied biological sciences offers advanced instruction in the ecology and sustainable management of natural and urban ecosystems. Rigorous programs of study involving field and laboratory work are custom-designed to apply ecological or biological principles to problems in species or ecosystem conservation. All programs culminate with the completion of an intensive, research-based thesis or applied project.

The program is supported by faculty members with backgrounds in:

- ecological restoration
- environmental microbiology
- environmental stress physiology
- desert horticulture
- plant-fungal ecology
- plant systematics
- riparian and stream ecology
- wildlife biology

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Applied Biological Sciences (Applied Biological Sciences), BS
- Applied Biological Sciences (Applied Ecology and Preveterinary Medicine), BS
- Applied Biological Sciences (Natural Resource Ecology), BS
- Applied Biological Sciences (Preveterinary Medicine), BS
- Applied Biological Sciences (Secondary Education in Biology), BS
- Applied Biological Sciences (Sustainable Horticulture), BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

30 credit hours and a thesis, or 30 credit hours including the required applied project course (ABS 592 and ABS 593).

Required Core (3 credit hours)

ABS 550 Vegetation Dynamics (3) or

ABS 555 Wildlife Dynamics (3)

Electives or Research (21 credit hours)

Culminating Experience (6 credit hours)

ABS 592 Research (3) and ABS 593 Applied Project (3)

ABS 599 Thesis (6)

Additional Curriculum Information

The electives coursework is chosen to support the student's educational objectives.

Students choose a thesis or applied project option. A final oral examination covering the thesis and related subject matter is required.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the College of Integrative Sciences and Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- GRE scores or Miller Analogies Test scores
- resume
- statement of intent
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Applicants are expected to have completed 18 credit hours in biological sciences and closely related courses. Specific fields of study may have specific expectations regarding courses taken at the undergraduate level. Applicants not meeting these course requirements may be considered for admission with deficiencies.

The statement of intent (the maximum is 600 words) should explain the applicant's interest in environmental resources, academic background and educational objectives.

The letters of recommendation should be from references who are qualified to comment on the applicant's potential in the selected area of study.

Department faculty evaluate the applications and supporting materials and recommend to Graduate Admission Services whether the applicant should be granted admission, either regular or provisional, or denied admission. If admission is provisional, the Graduate College specifies in its

letter of admission the provisions that need to be met to gain regular status. The school informs successful applicants of the procedures for enrollment.

Contact Information:

Integrative Sciences and Arts, College of
College of Integrative Sciences and Arts
<https://cisa.asu.edu/>
SANCA 233
CISA@asu.edu
480-727-1526

Counseling, MC (EDCOUNMC)

Online Degree Search Title: Counseling, MC

Campus: Tempe

Program Description:

The Master of Counseling program is approved by the Arizona Board of Behavioral Health Examiners (<https://www.azbbhe.us/node/553> (<https://www.azbbhe.us/node/553>)).

The mission of the MC program is to prepare students to become professional clinical mental health counselors, culturally competent to work with diverse clientele in a variety of mental health settings including community behavioral health agencies, colleges and universities and organizational settings. Clinical mental health counselors seek to prevent or treat psychological problems and to promote the health of individuals, families, groups and organizations in a diverse society.

Faculty research foci include, but are not limited to, the following:

- advocacy
- children and adolescents
- counseling process and outcome
- couple and family relationships
- crisis assessment
- culturally-responsive treatment
- immigrant well-being
- mental health disparities
- play therapy

The program also instills in students the importance of research in advancing the counseling profession. One manifestation of the crucial link between practice and research is the three complementary functions of the program's state-of-the-art Counselor Training Center: clinical service provision, high-quality training, and innovative process and outcome research.

The MC program has endorsed the American Counseling Association's Code of Ethics and the following American Counseling Association competencies: ALGBTIC Competencies for Counseling LGBQIQA Individuals (2012), Competencies for Counseling the Multiracial Population (2015), Multicultural and Social Justice Counseling Competencies (2015), Competencies for Addressing Spiritual and Religious Issues in Counseling (2009) and Multicultural Career Counseling Competencies (2009).

Degree Requirements:

60 credit hours and a thesis, or 60 credit hours and a written comprehensive exam.

Required Core (36 credit hours)

CED 501 Introduction to Research and Evaluation in Counseling (3)

CED 502 Counseling Research Data Analysis (3)

CED 522 Theories of Counseling and Psychotherapy (3)

CED 523 Psychological Tests (3)

CED 527 Prevention and Consultation (3)

CED 529 Lifespan Human Development (3)

CED 534 Occupations and Careers (3)

CED 545 Analysis of the Individual (3)

CED 567 Group Dynamics and Counseling (3)

CED 577 Counseling Prepracticum (3)

CED 645 Professional Issues and Ethics (3)

CED 671 Multicultural Counseling (3)

Electives or Research (6-12 credit hours)

Other Requirements (12 credit hours)

CED 680 Practicum: Seminar (3)

CED 680 Practicum: Clinic (3)

CED 684 Internship (6)

Culminating Experience (0-6 credit hours)

CED 599 Thesis (6) or

written comprehensive exam (0)

Additional Curriculum Information

Students choose either a thesis or written comprehensive exam pathway. The thesis option is for students who are focusing their program on research, and they take six credit hours of elective or research coursework plus six credit hours of thesis. The written comprehensive exam is for students in the practitioner pathway, and they take 12 credit hours of elective coursework.

The clinical portion of the program is comprised of CED 680 Practicum Seminar and Clinic and CED 684 Internship. These are required for all students. CED 580 Practicum Clinic and CED 584 Internship may be taken by students needing to log required clinical hours after CED 680 and CED 684 are completed. CED 580 and CED 584 are not required unless additional clinical hours are needed.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the College of Integrative Sciences and Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- two- to three-page personal statement
- at least two and a maximum of three recommendation forms
- verbal and quantitative GRE scores
- proof of English proficiency

Additional Admission Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. This program requires a TOEFL score of at least 600 (pBT) or 100 (iBT).

Finalists will be invited for a virtual group interview.

The GRE test must be retaken if scores are more than five years old.

Nonacademic/Professional/Life Experiences:

Applicants are required to submit a two- to three-page personal statement that indicates the applicant's qualifications and reasons for their interest in the program (e.g., professional experiences and personal attributes). Specifically, applicants are asked to provide a reflection on how their education and training as well as their professional experiences inform why they want to pursue the degree and how this program will help them meet their future goals. Applicants are also expected to discuss and elaborate on their ability to work and be sensitive to the needs of a multicultural and diverse society, including members of diverse racial or ethnic groups and individuals of a sexual minority.

Recommendations:

At least two but no more than three recommendation forms are to be submitted. These should be completed by persons able to evaluate the applicant's academic potential, professional experience and personal attributes.

Students should see the program website for application deadlines.

For more information, students should visit the school's website.

Contact Information:

Integrative Sciences and Arts, College of

College of Integrative Sciences and Arts
https://cisa.asu.edu/graduate/ccp
EDB 446
ccp@asu.edu
480-965-8733

Counseling Psychology, PHD (EDCPSYPHD)

Online Degree Search Title: Counseling Psychology, PhD

Campus: Tempe

Program Description:

This American Psychological Association-accredited PhD program in counseling psychology adheres closely to the scientist-practitioner training model in preparing graduates for employment in academic and clinical settings.

Although faculty interests are diverse, there is a common emphasis on using empirical data as the basis for culturally-responsive professional practice. The program boasts a strong commitment to diversity, equity and inclusion as evidenced in course offerings, clinical training, professional development activities and research foci.

Faculty research foci include the following:

- acculturative stress
- cultural socialization
- immigrant well-being
- mental health disparities
- microaggressions
- psychotherapy process and outcome
- retention in graduate education
- social and personal relationships
- socioeconomic status and financial stress

Students enjoy exceptional clinical opportunities including placement in local hospitals, university and college counseling centers, community agencies and assessment sites. The program's state-of-the-art Counselor Training Center provides practicum experiences with campus and community clients as well as clinical supervision experiences. The CTC supports three complementary functions: clinical service provision, high-quality training and innovative process and outcome research.

Degree Requirements:

113 credit hours, a written comprehensive exam, a prospectus and a dissertation.

The doctoral curriculum typically requires three to four years of full-time graduate study plus a yearlong internship in an APA-approved setting. Each of these years involves coursework pertaining to theory, research and practice in counseling psychology.

Students are expected to maintain full-time status. Full-time status involves being registered for at least nine credit hours per semester in the coursework years. This requirement applies only to the academic year and not summer sessions.

At a minimum, students are required to complete two years of coursework in residence at ASU.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the College of Integrative Sciences and Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- GRE scores (which can be no older than five years)
- personal statement
- a completed biographical information form
- writing sample
- three letters of recommendation

- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The personal statement should be 600 words or less, and it should describe the applicant's history, academic and professional goals and reasons for selecting the counseling psychology program at ASU.

Applicants must submit a seven-page sample of the applicant's expository writing (e.g., taken from a paper prepared for a course or a report on a project the applicant has completed in this field).

The preference is that two of the recommendation letters be from persons familiar with the applicant's academic work.

Applicants should see the program website for application deadlines.

Contact Information:

Integrative Sciences and Arts, College of
College of Integrative Sciences and Arts
<https://cisa.asu.edu>
EDB 446
ccp@asu.edu
480-965-8733

Integrative Social Science, MS (LSISSMS)

Online Degree Search Title: Integrative Social Science, MS

Campus: Polytechnic

Program Description:

The MS in integrative social science is an advanced degree program designed to cross-educate students in the social sciences in order to meet the complex issues that confront human society in a technically sophisticated 21st-century world.

The emphasis of the program lies in bridging traditional disciplinary boundaries to immerse students in the myriad theories and skills available across disciplines which would elude them in traditional disciplinary social science programs. Thus, graduates of the program are prepared with theory and research skill sets that allow them to draw from the best of the multiple disciplines of the social sciences.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Integrative Social Science, BS
- Political Science, BS
- Science, Technology and Society, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

30 credit hours including a thesis, or 30 credit hours including an applied project (ISS 593).

Required Core (12 credit hours)

- ISS 501 Advanced Integrated Social Research Methods (3)
- ISS 502 Advanced Seminar in Integrated Social Science (3)
- ISS 504 Advanced Integrated Theories of Social Science (3)
- ISS 505 Multivariate Methodologies of Social Science (3)

Electives or Research (12 credit hours)

Other Requirement (3 credit hours)

- ISS 584 Internship (3)

Culminating Experience (3-6 credit hours)

- ISS 593 Applied Project (3) or
- ISS 599 Thesis (6)

Additional Curriculum Information

Students choose either the thesis or applied project option. The internship is only required for students in the applied project option and is a structured practical experience that follows a contract or plan that is supervised by faculty and practitioners.

For the elective and research coursework, students choose from a list of preapproved courses for a total of 12 credit hours. Students should contact the academic unit for a list of possible courses. Other courses may be used with approval from the academic unit.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the College of Integrative Sciences and Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any social science or interdisciplinary field such as political science, sociology, philosophy, economics, psychology, public policy, administration or a closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- GRE scores
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Contact Information:

Integrative Sciences and Arts, College of
College of Integrative Sciences and Arts

<https://cisa.asu.edu>

SANCA 233

CISA@asu.edu

480-727-1526

Liberal Studies, MLSt (LAMLSMLS)

Online Degree Search Title: Liberal Studies, MLSt

Campus: Tempe, Online

Program Description:

The MLSt program offers students interested in a transdisciplinary approach to human ideas and values an opportunity to expand their liberal arts backgrounds. The program is intended for students seeking a graduate degree that explores the integration of the humanities with political, religious, social and scientific questions within their cultural contexts.

This interdisciplinary approach trains students in the skills needed for the jobs of the future: communication, research and an understanding of the diverse and changing world.

Degree Requirements:

30 credit hours including the required applied project course (MLS 593).

Required Core (9 credit hours)

MLS 501 Writing About Social Issues: Culture, Gender, Society, and Well-Being in the Southwest (3)

MLS 502 Religion, Culture, and Health: Where Cultures Intersect (3)

MLS 503 Ethics, Science, and Culture (3)

MLS 504 Film Analysis (3)

Electives (18 credit hours)

Culminating Experience (3 credit hours)

MLS 593 Applied Project (3)

Additional Curriculum Information

Students choose three of the four courses listed above to fulfill the nine credit hour core requirement.

Emphasis areas available are borders (migration, health and cultural identity); gender, religion and culture; and science, nature and creative nonfiction writing.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the College of Integrative Sciences and Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- a letter of interest in the program
- a resume, biographical statement or curriculum vitae
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/graduate/master-liberal-studies/>)

Contact Information:

Integrative Sciences and Arts, College of
College of Integrative Sciences and Arts
<https://cisa.asu.edu/>
USE 138
CISA@asu.edu
480-965-1970

Liberal Studies (Film and Media Studies), MLSt (LAFMSMLS)

Online Degree Search Title: Liberal Studies (Film and Media Studies), MLSt

Campus: Tempe

Program Description:

The MLSt program with a concentration in film and media studies offers students interested in a transdisciplinary approach to international human ideas and values an opportunity to expand their liberal arts background through the study of film and media in society. The program is intended for students seeking a graduate degree that explores the integration of the humanities with political, religious, social and scientific questions within their cultural contexts.

Studies focus on the aesthetics and theory of international film and media.

Degree Requirements:

30 credit hours including the required applied project course (MLS 593).

Required Core (9 credit hours)

MLS 501 Writing About Social Issues: Culture, Gender, Society, and Well-Being in the Southwest (3)

MLS 502 Religion, Culture, and Health: Where Cultures Intersect (3)

MLS 503 Ethics, Science, and Culture (3)

MLS 504 Film Analysis (3)

Electives (18 credit hours)

Culminating Experience (3 credit hours)

MLS 593 Applied Project (3)

Additional Curriculum Information

Students choose three of the four courses listed above to fulfill the nine credit hour core requirement.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the College of Integrative Sciences and Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- a letter of interest in the program
- a resume, biographical statement or curriculum vitae
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Contact Information:

Integrative Sciences and Arts, College of
College of Integrative Sciences and Arts
<https://cisa.asu.edu>
USE 138
CISA@asu.edu
480-965-1970

Narrative Studies, MA (LSNRSMA)

Online Degree Search Title: Narrative Studies, MA

Campus: Polytechnic

Program Description:

The MA in narrative studies is a comprehensive program that explores narrative and storytelling across a range of cultures and historical periods.

With an emphasis on teaching and research, the program includes coursework that encourages students to pursue transdisciplinary inquiry. The degree program primes graduates for critical and eloquent engagement with the world beyond the university.

Equally suited to prepare candidates for further academic studies or to advance the careers of area educators in the language arts, this program also prepares graduates to begin careers in one of the many professions that value creativity, critical thinking and highly skilled communication, including teaching, writing, online publishing and editing.

Degree Requirements:

30 credit hours including a capstone course (ENG 597).

Required Core (6 credit hours)

ENG 503 History of Narrative (3)

ENG 509 Studies in Narrative Writing (3)

Electives or Research (21 credit hours)

Culminating Experience (3 credit hours)

ENG 597 Graduate Capstone Seminar (3)

Additional Curriculum Information

Students choose six courses from a restricted list for a total of 21 credit hours. Students should see the academic unit for the approved course list. Other courses (ENG, COM, FMS, HST, or appropriate field) may be utilized for up to six credit hours with approval from the academic unit.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the College of Integrative Sciences and Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's degree (or equivalent) or master's degree from a regionally accredited college or university in a related field such as English or any humanities discipline.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants are required to submit:

- graduate admission application and application fee
- official transcripts
- written letter of intent that includes a detailed statement of purpose
- portfolio of at least three documents
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The portfolio must include at least three documents that demonstrate the applicant's ability to write in a variety of genres. Portfolio documents can include both academic and professional writing for a range of audiences and purposes. At least one of the documents must be a sample of academic writing. One of the three documents can be a sample of creative writing. The portfolio should be 15 to 30 total pages in length. The writing samples in the portfolio are evaluated using a rubric that considers several criteria, including intellectual focus, strength of argument and documentation, awareness of audience, organization, clarity, mechanical soundness and overall effectiveness.

The letters of recommendation should be either academic or professional and speak to the background and capabilities of the applicant.

Contact Information:

Integrative Sciences and Arts, College of
College of Integrative Sciences and Arts
<https://cisa.asu.edu>
SANCA 233
CISA@asu.edu
480-727-1526

Organizational Leadership, MS (LSORGLMS)

Online Degree Search Title: Organizational Leadership, MS

Campus: Polytechnic, Tempe, Online

Program Description:

The MS program in organizational leadership offers a theoretically and methodologically rigorous approach to studying and creating use-inspired research needed to impact organizational leadership.

Students explore areas such as organizational dynamics, institutional evolution, strategic change, leading diverse teams, collaborative governance, conflict mediation, critical problem-solving and leadership assessment, as well as learning advanced methodological and statistical skills.

The program places special emphasis on learning best practices and other applied aspects of leading organizations. Students tailor their degree to their interests through a vast array of leadership elective courses. In consultation with a faculty advisor, students choose from many different elective courses, such as not-for-profit leadership and intercultural leadership.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- English, BA
- History, BA
- Interdisciplinary Studies, BA
- Interdisciplinary Studies (Organizational Studies), BA
- Liberal Studies, BA
- Organizational Leadership, BA
- Organizational Leadership (Project Management), BA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic advisor.

departments to apply.

Degree Requirements:

33 credit hours and a thesis, or 33 credit hours including the required applied project course (OGL 593).

Required Core (9 credit hours)

OGL 520 Organizational Leadership: Social Psychological Perspectives (3)

OGL 530 Critical Perspectives in Leadership Theory (3)

OGL 540 Evidence-based Inquiry in Organizational Leadership (3)

Required Methods Courses (6 credit hours)

NLM 530 Program Evaluation and Information Management (3)

OGL 550 Leading Strategic Change (3)

OGL 570 Analyzing Organizations (3)

OGL 571 Advanced Leadership Assessment (3)

OGL 574 Qualitative Data Analysis in Leadership Research (3)

OGL 575 Quantitative Data Analysis in Leadership Research (3)

OGL 576 Advanced Multivariate Data Analysis (3)

OGL 577 Structural Equation Modeling in Organizational Leadership Research(3)

OGL 578 Agent-Based Modeling to Address Complexity in Leadership Research (3)

Restricted Electives (12 or 15 credit hours)

Culminating Experience (3 or 6 credit hours)

OGL 593 Applied Project (3)

OGL 599 Thesis (6)

Additional Curriculum Information

Students complete either an applied project or thesis for the culminating experience.

For the required methods coursework, students select two courses from the above list to fulfill the requirement.

Students select four or five courses from a restricted elective list depending on the culminating experience selected. Students should see the academic unit for the approved restricted elective list.

Other courses may be used for the methods and elective coursework with approval of the academic unit.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the College of Integrative Sciences and Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any area or related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:

- graduate admission application and application fee
- official transcripts
- letter of intent
- professional resume
- two letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. This applicant is expected to have either a TOEFL score of 600 on the traditional paper-based test or 100 on the internet-based test, or the applicant must have a passing score in the English for Graduate Admission online course through ASU Global Launch.

GRE or GMAT scores are recommended but not required.

All applicants must submit a written letter of intent that includes a detailed statement of purpose addressing how the program goals coincide with the student's personal and professional objectives. The essay is evaluated on the basis of content, presentation and evidence of graduate-level

writing ability (the limit is 500 words, maximum).

The professional resume or curriculum vitae are limited to two pages in length.

Applicants must submit two letters of reference that focus on the ability of the applicant to do academic work.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu>)

Contact Information:

Integrative Sciences and Arts, College of
College of Integrative Sciences and Arts
<https://cisa.asu.edu>
USE 138
CISA@asu.edu
480-965-1970

Technical Communication, MS (LSTCCMMS)

Online Degree Search Title: Technical Communication, MS

Campus: Polytechnic, Online

Program Description:

The MS degree program in technical communication teaches students how to design, produce and manage print and digital texts using traditional and developing technologies.

The curriculum provides students with a comprehensive understanding of the professional, cultural and ethical issues that shape the field; it balances theory and practice to ensure students develop the analytical abilities, technology expertise and hands-on skills necessary for success as a technical communicator.

Students who complete the program are accomplished writers, editors, designers and researchers who are able to respond effectively to a range of audiences, issues and communication situations. The program prepares students for technical communication positions in the private, public and nonprofit sectors and offers professionals the opportunity to further advance their careers.

Degree Requirements:

36 credit hours including a thesis, or 36 credit hours including the required applied project course (TWC 593), or 36 credit hours including the required capstone course (TWC 596).

Required Core (6 credit hours)

TWC 504 Applied Rhetoric and Technical Communication (3)

TWC 505 Research in Technical and Applied Communication (3)

Restricted Electives (21 or 27 credit hours)

Other Requirement (0 or 3 credit hours)

TWC 506 Research Design and Development (3)

Culminating Experience (3 or 6 credit hours)

TWC 593 Applied Project (6) or

TWC 596 Technical Communication Capstone (3) or

TWC 599 Thesis (6)

Additional Curriculum Information

Students who do not have previous technical communication coursework or relevant industry experience must take TWC 501 Fundamentals of Technical Communication (3) as a restricted elective. For a full list of the approved elective courses, students should inquire at the academic unit offices.

Students complete an applied project, capstone course or thesis for the culminating experience. Students who choose the capstone complete an additional three credit hours of elective coursework for a total of 27 elective credit hours.

TWC 506 is a requirement for students completing an applied project or thesis only.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the College of Integrative Sciences and Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- statement of purpose
- portfolio
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Since this degree requires a high degree of proficiency in English, an applicant whose native language is not English is expected to have one the following TOEFL scores: 600 traditional paper-based, 100 internet-based, or 250 computer-based.

All applicants must submit a written letter of application that includes a detailed statement of purpose as well as a portfolio of at least three documents that demonstrate the applicant's ability to write in a variety of genres. Portfolio documents can include both academic and professional writing for a range of audiences and purposes and need not be in the area of technical communication. The portfolio should be 15 to 30 pages in length. The writing samples in the portfolio are evaluated using a rubric that considers several criteria, including a demonstration of the ability to focus on a specific purpose and to meet audience needs and show organization, clarity, mechanical soundness and overall effectiveness.

All applicants must submit three letters of reference, either academic or professional, that speak to the background and capabilities of the applicant.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/graduate/master-science-technical-communication/>)

Contact Information:

Integrative Sciences and Arts, College of
College of Integrative Sciences and Arts
<https://cisa.asu.edu/tech-comm>
SANCA 233
CISA@asu.edu
480-727-1526

Technical Communication (certificate), Certificate (LSTECGRCT)

Online Degree Search Title: Technical Communication (Graduate Certificate)

Campus: Polytechnic, Online

Program Description:

Through the technical communication program, students learn how to produce and communicate technical information using traditional and digital technologies.

Degree Requirements:

18 credit hours.

Core Requirement (9 credit hours)

TWC 501 Fundamentals of Technical Communication (3)

Choose two of the following courses:

TWC 511 Principles of Visual Communication (3)

TWC 521 Principles of Web Authoring (3)

TWC 531 Principles of Technical Editing (3)

Electives (9 credit hours)

Additional Curriculum Information

Students choose any 500-level TWC courses as their electives.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the College of Integrative Sciences and Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Disclosure information for this U.S. Department of Education Gainful Employment program is available at <https://catalog.asu.edu/files/disclosures/LSTECGRCT/Gedt.pdf> (<https://catalog.asu.edu/files/disclosures/LSTECGRCT/Gedt.pdf>).

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/certificates/technical-communication-graduate-certificate/>)

Contact Information:

Integrative Sciences and Arts, College of
College of Integrative Sciences and Arts
<https://cisa.asu.edu/tech-comm/grad>
SANCA 233
CISA@asu.edu
480-727-1526

User Experience, MS (ESUSEXMS)

Online Degree Search Title: User Experience, MS

Campus: Polytechnic

Program Description:

The MS program in user experience combines topics in web, human factors, visual displays and technical communication to make products, systems and services useful, usable and desirable.

Students learn how to research user needs, identify criteria for successful products and services, prototype those products and services, and refine them through usability testing and other user-centered evaluation methods. User experience skills are increasingly valued by industry yet are not typically covered in-depth in traditional engineering or technical communication programs.

Students enhance their employment potential with a master's degree in user experience.

Degree Requirements:

30 credit hours including capstone course GIT 560 or HSE 560 or TWC 560.

Required Core (21 credit hours)

GIT 540 Cross-Media Design Solutions (3)

GIT 542 Usability and User Experience (3)

HSE 521 Methods and Tools in Human Systems Engineering (3)

HSE 542 Foundations of Human Systems Engineering (3)

TWC 501 Fundamentals of Technical Communication (3)

TWC 514 Visualizing Data and Information (3)

TWC 544 User Experience (3)

Electives or Research (6 credit hours)

Culminating Experience (3 credit hours)

GIT 560 Capstone in User Experience (3), or
HSE 560 Capstone in User Experience (3), or
TWC 560 Capstone in User Experience (3)

Additional Curriculum Information

Students should see the academic units for a complete list of approved electives and research courses. Other courses may be used with approval of the academic units.

Students choose one capstone course as the culminating experience for the program.

Admission Requirements:

Applicants must fulfill the requirements of the Graduate College, the Ira A. Fulton Schools of Engineering and the College of Integrative Sciences and Arts.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in related fields such as psychology, graphic information technology, graphic design, human systems engineering, business, cognitive science, design or technical communication, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- personal statement
- professional resume
- writing sample
- GRE scores
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Applicants should see the Graduate Admission Services website at <https://admission.asu.edu/international/graduate/english-proficiency> (<https://admission.asu.edu/international/graduate/english-proficiency>). Global Launch at ASU offers an online alternative to standardized testing for international students who are seeking admission to ASU but need proof of English proficiency. <https://learnenglish.asu.edu/online/admission> (<https://learnenglish.asu.edu/online/admission>)

A GRE waiver may be requested if the applicant received a bachelor's degree in a related field from the United States with a cumulative GPA of 3.00 or better. Engineering programs must have a bachelor's degree from an ABET-accredited program. Applicants should email polygrad@asu.edu (<mailto:polygrad@asu.edu>) to request a waiver. They can also submit a GRE waiver request form (https://poly.engineering.asu.edu/wp-content/uploads/2019/05/GRE-Waiver-Request_04.2019.pdf) if they have five years of full-time applicable professional experience. An approved waiver does not guarantee admission.

Contact Information:

Integrative Sciences and Arts, College of
Human Systems Engineering
<https://poly.engineering.asu.edu/advising/>
WANER 101
polygrad@asu.edu
480-727-4723

Interdisciplinary Arts & Sciences, New College of

Biological Data Science, MS (ASBDSMS)

Online Degree Search Title: Biological Data Science, MS

Campus: West

Program Description:

The MS program in biological data science provides students with real-world training at the interface of the natural and mathematical sciences.

Students learn to manipulate big data, including the generation and analysis of data using statistical and computational toolsets. Students use their analytical skills in ecological, environmental, toxicological and other biological applications. The program incorporates multiple levels of experiential learning to ensure students gain critical thinking skills on top of core competencies.

Graduates are ready to enter one of the fastest-growing job markets, work with consulting firms and government agencies as well as nongovernmental organizations, or go on to seek advanced professional or graduate degrees.

Degree Requirements:

32 credit hours and a thesis, or 32 credit hours including the required applied project course (ACO 593, BIO 593, or MAT 593).

Required Core (12 credit hours)

ACO 501 Database Systems and Problem Solving in Python (3)

BIO 614 Biometry (4)

LSC 519 Applied Learning Lab (1)

LSC 547 Wet Laboratory Experience (1)

STP 560 Experimental Statistics in Biology (3)

Other Requirements (9 credit hours)

LSC 555 Integrative Biology I (3)

LSC 556 Integrative Biology II (3)

LSC 562 Applied Mathematics Techniques in Biology (3)

Electives or Research (5 credit hours)

Culminating Experience (6 credit hours)

ACO 593 Applied Project (6)

BIO 593 Applied Project (6)

MAT 593 Applied Project (6)

ACO 599 Thesis (6)

BIO 599 Thesis (6)

MAT 599 Thesis (6)

Additional Curriculum Information

Other requirement, elective and research coursework may be substituted with approval of the academic unit. Students should see the academic unit for the approved electives and research course list.

Students choose one culminating experience option based on their emphasis area in biological data science.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the New College of Interdisciplinary Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in a related field such as biology, mathematics, statistics or computing, as well as unrelated fields, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- statement of purpose
- two letters of recommendation
- professional resume
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

It is preferred that letters of recommendation be from faculty members who know the applicant's work well; if these are not available, letters of recommendation from individuals in supervisory or professional roles will be accepted.

The statement of purpose should describe one's educational background, scholarly interests, and academic and professional goals.

Depending on student's educational background, deficiency courses may be required.

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Mathematical and Natural Sciences
<https://newcollege.asu.edu/advising/graduate/>
FAB N100
ncgradadvising@asu.edu
602-543-3000

Communication Studies, MA (ASCOMSTMA)

Online Degree Search Title: Communication Studies, MA

Campus: West

Program Description:

The MA in communication studies is a cutting-edge degree program designed for students who wish to pursue a wide range of communication professions.

The program provides exposure to a variety of research methods, communication theories and practical applications, with a special emphasis on advocacy. Students use multiple perspectives to explore a variety of topics and issues in communication. These include how individuals and collectives participate effectively in personal relationships, organizational settings and public dialogues across cultural contexts and via social technologies. Students also attend to the impact and effects of media, mediated representations, and new technologies, while learning to use communication strategically to advocate for others.

Although advocacy is a defining theme in the curriculum, students can tailor the program to their personal goals, focusing on topics such as interpersonal, organizational, sport, environmental, global or technology-mediated communication.

Graduates are prepared to pursue doctoral work or careers in a variety of communication-driven fields such as public affairs, public relations, employee development, strategic communication, community relations and grassroots movements.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- American Studies, BA
- Applied Science, BAS
- Biology, BA
- Communication, BS
- Communication, BA
- Environmental Science, BA
- Ethnicity, Race and First Nations Studies, BA
- History, BA
- Interdisciplinary Arts and Performance, BA
- Interdisciplinary Arts and Sciences, BA
- Latin American Studies, BA
- Philosophy, Religion and Society, BA
- Political Science, BA
- Political Science, BS
- Psychology, BS
- Psychology, BA
- Social and Behavioral Sciences, BA
- Social and Behavioral Sciences, BS
- Sociology, BA
- Sociology, BS
- Women and Gender Studies, BS
- Women and Gender Studies, BA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

36 credit hours and a written comprehensive exam, or 36 credit hours including an applied project (CMN 593) and a written comprehensive exam, or 36 credit hours, a written comprehensive exam and a thesis.

Required Core (9 credit hours)

CMN 502 Theory and Practice in Communication and Persuasion (3) or CMN 522 Argumentation and Advocacy (3)

CMN 505 Methods in Applied Communication Research (3)

CMN 506 Humanistic Inquiry and Field Research in Communication (3)

Restricted Electives (6 credit hours)

Electives (up to 21 credit hours)

Culminating Experience Options (0-6 credit hours)

CMN 593 Applied Project, with written comprehensive exam (3)

CMN 599 Thesis, with written comprehensive exam (6)

written comprehensive examination (0 credit hours)

Additional Curriculum Information

Students should see the academic unit for an approved list of restricted electives.

Electives are selected in consultation with the student's program advisor and may include courses with either the CMN (communication) or STC (social technology) prefixes. When appropriate, students may take up to six credit hours outside the program.

The thesis or applied project must demonstrate intellectual ability, academic ability and professional growth. The thesis is supervised and approved by the student's advisor and committee. An oral defense is required for the thesis. The applied project is supervised by the student's advisor. The achievements or results of the applied project should be made available to the public in the form of a presentation, poster, report or other form negotiated with the faculty advisor.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the New College of Interdisciplinary Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- statement of purpose
- three letters of recommendation
- an academic writing sample (preferred) or professional writing sample
- resume or curriculum vitae (optional)
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The statement of purpose should describe the educational background, scholarly interests, and academic and professional goals of the applicant.

It is preferred that the letters of recommendation are from faculty members who know the applicant's work well; if faculty members are not available, then the applicant may submit letters of recommendation from individuals in supervisory or professional roles.

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Social and Behavioral Sciences

<https://newcollege.asu.edu/communication-studies-ma-degree>

FAB N100

ncgradadvising@asu.edu

English, MA (ASENGLMA)

Online Degree Search Title: English, MA

Campus: West

Program Description:

The MA in English offered by the New College of Interdisciplinary Arts and Sciences is a comprehensive program that addresses the many facets of English: its literatures; its linguistic, social and cultural histories; and its capacities for persuasion, exposition, and elucidation.

The program is grounded in scholarly tradition but designed for the demands of the 21st-century. Its innovative curriculum has been developed to train present and future educators as well as individuals pursuing careers in the wide variety of professions that value advanced critical thinking, research and communication skills, such as journalism and publishing to business communication, web content and social media management, educational and nonprofit consulting, public relations and many more.

World-class faculty help students enhance their skill sets and deepen their knowledge base, and program graduates are prepared to put the Master of Arts in English to work in their chosen professions.

Degree Requirements:

30 credit hours including the required capstone course (ENG 597).

Required Core (6 credit hours)

ENG 502 Contemporary Critical Theories (3) or MAS 505 Theories of Change, Culture and Mind (3)

ENG 582 Pedagogy (3)

Electives or Research (12 credit hours)

ENG 500 Research Methods (3)

ENG 591 Seminar (3)

ENG or LIN courses (6)

Open Elective or Research Courses (9 credit hours)

Culminating Experience (3 credit hours)

ENG 597 Graduate Capstone Seminar (3)

Additional Curriculum Information

For electives or research, students should see the academic unit for the approved course list from ENG and LIN courses through New College.

ENG 500 is a required research course for all students and must be included in the plan of study.

For the open elective or research courses, nine credit hours can be selected from ENG or non-ENG coursework offered by various academic units.

The selection of coursework is in consultation with the student's committee.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the New College of Interdisciplinary Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program; or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- statement of purpose
- two letters of recommendation
- an academic writing sample or professional writing sample (optional)
- resume or curriculum vitae (optional)
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The statement of purpose should describe the educational background, scholarly interests, and academic and professional goals of the applicant.

It is preferred that the letters of recommendation are from faculty members who know the applicant's work well; if such faculty are not available, then recommendation letters from individuals in supervisory or professional roles are acceptable.

An academic writing sample (preferred) or a professional writing sample is recommended, but not required, when submitting an application.

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Humanities, Arts, and Cultural Studies
<https://newcollege.asu.edu/english-ma>
FAB N100
ncgradadvising@asu.edu
602-543-3000

Forensic Psychology, MS (ASFPSYMS)

Online Degree Search Title: Forensic Psychology, MS

Campus: Online

Program Description:

The MS program in forensic psychology provides working professionals with an understanding of mental health issues and human behavior with respect to crime and the criminal justice and legal systems.

The curriculum involves specialized coursework in criminal law, criminal behavior, the diagnosis and treatment of mental disorders, and legal decision-making. Through these courses, students learn about the various roles for psychologists in the legal system and help them discover which roles they might like to pursue through careers in mental health, criminal justice or through additional graduate training.

Graduates are not license-eligible for clinical practice but are well prepared to enter advanced degree and continuing education programs in counseling and related fields.

Degree Requirements:

33 credit hours including the required capstone course PSY 549.

Required Core (12 credit hours)

PSY 545 Advanced Legal Psychology (3)

PSY 546 Advanced Forensic Psychology (3)

PSY 547 Advanced Correctional Psychology (3)

PSY 573 Psychopathology (3)

Electives (6 credit hours)

Statistics and Methods (6 credit hours)

PSY 500 Research Methods (3)

PSY 515 Quantitative Analysis I (3)

Criminal Justice System Courses (6 credit hours)

CRJ 501 Seminar in Criminal Justice (3)

CRJ 513 Seminar in Courts and Sentencing (3)

Culminating Experience (3 credit hours)

PSY 549 Capstone in Forensic Psychology (3)

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the New College of Interdisciplinary Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in psychology, criminal justice, social science, or a closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Applicants must provide evidence of successful completion of an undergraduate or graduate social science statistics and research methods course.

GRE scores are recommended but not required for all applicants. Applicants whose GPA is below 3.30 in the last 60 credit hours of the bachelor's degree are strongly encouraged to provide GRE scores.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/graduate/master-science-forensic-psychology/>)

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Social and Behavioral Sciences
<https://newcollege.asu.edu/forensic-psychology-ms>
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602-543-3000

Forensic Science, PSM (ASFRSCIPSM)

Online Degree Search Title: Forensic Science, PSM

Campus: Online

Program Description:

The PSM program in forensic science readies students for career advancement by providing them with greater educational depth and breadth in the forensic sciences, and through the development of new competencies related to laboratory supervision. This includes an understanding of how to work with regulatory bodies that provide the framework for oversight in forensic laboratories, consistent with the guiding principles of the National Professional Science Masters Association.

Students develop deeper scientific inquiry skills in biology, chemistry, genetics and related topics, as well as critical laboratory leadership skillsets.

Successful graduates are armed with the tools and experiences required for administrative and other advancement opportunities both within and beyond the forensic science laboratory, in both governmental and private sectors.

Degree Requirements:

30 credit hours including the required applied project course (FOR 593).

Required Core (9 credit hours)

FOR 525 Forensic Science and Governance (3)

FOR 550 Ethics in Forensic Science (3)

FOR 565 Laboratory Leadership, Policy, and Practice (3)

Other Requirement (15 credit hours)

FOR 501 Forensic Toxicology (3) or FOR 532 Principles of Pharmacology (3)

FOR 502 Forensic Botany (3) or FOR 503 Forensic Entomology (3)

FOR 540 Advanced Topics in Human Forensic DNA Typing (3)

FOR 560 Quantitative Methods in Forensic Science Research (3), BMI 515 Applied Biostatistics in Medicine and Informatics (3) or HCD 501 Biostatistics and Data Management (3)

PSY 546 Advanced Forensic Psychology (3) or CRJ 537 Criminal Procedure of Investigations for Social and Forensic Scientists (3)

Culminating Experience (6 credit hours)

FOR 593 Applied Project (6)

Additional Curriculum Information

Other requirement courses may be substituted with approval of the academic unit.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the New College of Interdisciplinary Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in an appropriate physical, biological, computer science or a related field from a regionally-accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:

- graduate admission application and application fee
- official transcripts
- statement of purpose
- two letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The statement of purpose should demonstrate that the applicant is currently working in the Forensic Science industry. It should also describe the educational background, scholarly interests, and academic and professional goals. Specifically, the applicant should address their qualifications for pursuing a professional science master's degree.

It is preferred that the letters of recommendation be from individuals in supervisory or professional roles.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/graduate/forensic-science-psm/>)

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Mathematical and Natural Sciences
<https://asuonline.asu.edu/online-degree-programs/graduate/forensic-science-psm/>
FAB N100
NCGradOnline@asu.edu
602-543-3000

Interdisciplinary Studies, MA (ASINTERMA)

Online Degree Search Title: Interdisciplinary Studies, MA

Campus: West

Program Description:

The MA in interdisciplinary studies offered by the New College of Interdisciplinary Arts and Sciences is an innovative program that allows students to combine the study of two or more disciplines.

Founded on the conviction that solving problems in the 21st century often requires an interdisciplinary approach, this flexible program provides exposure to a variety of research methods, historical perspectives and modes of inquiry.

The program offers access to faculty members who are active practitioners of interdisciplinary inquiry. Working with the faculty, students may define their own area of emphasis or adopt an existing area within the humanities and social sciences.

The skills and knowledge that students acquire can be directed toward doctoral study or professional goals in any enterprise that engages in research or education, ranging from advertising and marketing, nonprofit leadership and media production to museum curatorship, community college teaching and leading-edge entrepreneurship.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- American Studies, BA
- Applied Science, BAS

Communication, BA
Communication, BS
English, BA
Ethnicity, Race and First Nations Studies, BA
History, BA
Interdisciplinary Arts and Performance, BA
Interdisciplinary Arts and Sciences, BA
Philosophy, Religion and Society, BA
Political Science, BA
Political Science, BS
Psychology, BA
Psychology, BS
Social and Behavioral Sciences, BS
Social and Behavioral Sciences, BA
Sociology, BA
Sociology, BS
Women and Gender Studies, BS
Women and Gender Studies, BA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

30 credit hours including the required capstone course (MAS 585).

Required Core (9 credit hours)

MAS 501 Methods for Interdisciplinary Inquiry (3)

MAS 502 Perspectives in Interdisciplinary Studies (3)

MAS 505 Theories of Change, Culture, and Mind (3)

Electives (18 credit hours)

Culminating Experience (3 credit hours)

MAS 585 Capstone Course (3)

Additional Curriculum Information

The core courses are designed as a sequence and are meant to guide students through the program, from learning about interdisciplinarity to practicing interdisciplinary research. Therefore, students are required to take each of the core courses the first time that they are available while the student is enrolled in the program.

For electives, students work with a faculty mentor to select 18 credit hours of graduate-level coursework that helps prepare them for their capstone or reflects particular areas of specialty or interest.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the New College of Interdisciplinary Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- statement of purpose
- two letters of recommendation
- an academic writing sample (preferred) or professional writing sample
- resume or curriculum vitae (optional)
- GRE scores (if applicable)
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The statement of purpose should describe the educational background, scholarly interests, and academic and professional goals of the applicant.

It is preferred that the letters of recommendation are from faculty members who know the applicant's work well, but if faculty are not available, then from individuals in supervisory or professional roles.

If the applicant does not meet the minimum GPA requirements, the application may be considered if accompanied by an official GRE score.

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Humanities, Arts, and Cultural Studies
<https://newcollege.asu.edu/interdisciplinary-studies-ma>
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ncgradadvising@asu.edu
602-543-3000

Law and Psychology, PHD (ASLPSYPHD)

Online Degree Search Title: Law and Psychology, PhD

Campus: Downtown Phoenix, West

Program Description:

The PhD program in law and psychology is designed to train a new generation of scholars in the field by taking a broad interdisciplinary approach that combines rigorous training in the law and psychology field with training in advanced research methodology and statistics, criminological theory, and contextual training in other subfields of psychology. The goal of the program is for students to use this knowledge to tackle the many important but understudied areas where the legal system is in desperate need of empirical psychological research.

Degree Requirements:

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (18 credit hours)

PSY 515 Quantitative Analysis I (3)

PSY 516 Quantitative Analysis II (3)

PSY 517 Quantitative Analysis III (3)

PSY 545 Advanced Legal Psychology (3)

PSY 546 Advanced Forensic Psychology (3)

PSY 550 Advanced Social Psychology (3)

Electives (39 credit hours)

Required Research (15 credit hours)

PSY 500 Research Methods (3)

PSY 792 Research (12)

Culminating Experience (12 credit hours)

PSY 799 Dissertation (12)

Additional Curriculum Information

Students are required to take 15 credit hours of research coursework and 39 credit hours of elective coursework.

When approved by the student's supervisory committee and Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used for this degree. If students do not have a previously awarded master's degree, the 30 hours of coursework will be made up of electives and research.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the New College of Interdisciplinary Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in psychology, criminal justice, social science, or a closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- GRE scores
- letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Social and Behavioral Sciences

<https://lawpsych.asu.edu/>

FAB N100

ncgradadvising@asu.edu

602-543-3000

Psychology, MS (ASPGSMS)

Online Degree Search Title: Psychology, MS

Campus: West, Online

Fall B 2020 session is for the ASU/CINTANA China program.

Program Description:

The MS program in psychology offered by the New College of Interdisciplinary Arts and Sciences has two main options.

One option is an intensive, research-oriented program culminating in a thesis or applied project. Students receive training in advanced research methodology and statistical analysis, grant proposal writing, laboratory instrumentation, data collection and manuscript development. Students gain first-hand exposure to designing and conducting research, analyzing data and developing presentations and manuscripts. Students are encouraged to present research reports at professional meetings and conferences and to publish as co-authors in faculty-guided research. This option is ideal for students who plan to pursue doctoral work or careers that involve psychological research methods such as marketing research, education research analysis, public policy analysis, research project management or program evaluation.

The program option offered online is designed to give students and working professionals an understanding of psychological theory and empirical research findings as they relate to human behavior, cognition, emotion and attitudes. The coursework is designed to help students learn about the various roles of psychologists in society today and discover which they might like to pursue through careers in education, social service, for-profit and nonprofit organizations, or management, or through additional graduate training.

Elective courses in all options are offered in several areas, including abnormal psychology, affective science, behavior analysis, cognitive psychology, developmental psychology, health psychology, legal psychology, psychophysiology and social psychology.

Degree Requirements:

36 credit hours and a thesis, or 36 credit hours including the required applied project course (PSY 593), or 36 credit hours including the required capstone course (PSY 553).

Required Core (6 credit hours)

PSY 502 Professional Issues in Psychology (3)

PSY 515 Quantitative Analysis I (3)

IN-PERSON DELIVERY OPTIONS:

Research (9 credit hours)

PSY 500 Research Methods (3)

PSY 592 Research (6)

THESIS OPTION:

Other Requirement (6 credit hours)

PSY 516 Quantitative Analysis II (3)

PSY 517 Quantitative Analysis III (3)

Electives (9 credit hours)

Culminating Experience (6 credit hours)
PSY 599 Thesis (6)

APPLIED PROJECT OPTION:

Other Requirement (3 credit hours)
PSY 516 Quantitative Analysis II (3)

Electives (12 credit hours)

Culminating Experience (6 credit hours)
PSY 593 Applied Project (6)

ONLINE DELIVERY OPTION:

Research (3 credit hours)
PSY 500 Research Methods (3)

Electives (24 credit hours)

Culminating Experience (3 credit hours)
PSY 553 Capstone in General Psychology (3)

Additional Curriculum Information

Students choose one of three program options culminating in a thesis, applied project or capstone course. The capstone course option is only for students in the online program. Thesis and applied project options are for in-person program students.

Students completing a thesis or applied project must complete PSY 516 Quantitative Analysis II. In addition, thesis students take PSY 517 Quantitative Analysis III and only nine credit hours of electives.

Students completing the capstone course (PSY 553) must take 24 credit hours of elective coursework and will not complete PSY 516 Quantitative Analysis II nor any PSY 592 coursework.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the New College of Interdisciplinary Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in applicable master's degree program. Priority is given to applicants who have achieved a 3.25 GPA or higher.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- statement of purpose
- GRE scores (combined minimum verbal and quantitative score of 300)
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

At the time of application, students must identify the culminating experience that they wish to pursue. Students applying to the capstone course option are only considered for the online program. Students applying to the thesis or applied project option are only considered for the in-person program.

Applicants must provide evidence of successful completion of an undergraduate, or graduate, social science statistics and research methods course.

The statement of purpose should describe the educational background, scholarly interests, and academic and professional goals of the applicant.

It is preferred that the letters of recommendation are from faculty members who know the applicant's work well; if these are not available, then recommendations should be from individuals in supervisory or professional roles. Three letters of recommendation are required for applications to the in-person option and two letters of recommendation are required for applicants to the online option.

Applicants for the applied project or thesis program option (offered face to face) are required to submit a GRE score. Priority is given to applicants who have achieved a 305 or higher on the GRE.

For students applying to the capstone course option offered in the online delivery of the program, submission of GRE scores are recommended but not required.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/graduate/master-science-psychology/>)

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Social and Behavioral Sciences
<https://newcollege.asu.edu/psychology-ms>
FAB N100
ncgradadvising@asu.edu
602-543-3000

Social Justice and Human Rights, MA (ASJHRMA)

Online Degree Search Title: Social Justice and Human Rights, MA

Campus: West, Online

Program Description:

The MA program in social justice and human rights addresses urgent social issues related to human security, labor, migration, children, family, education and the environment.

The coursework in this theoretically and methodologically rigorous program examines social issues in contexts defined by multiple and intersecting forms of social identity and disadvantage, including gender, race, ethnicity, class, sexuality and nationality.

The program requires an internship, to be completed domestically or internationally, in which students typically work alongside other advocates for social justice to help refugees, migrants, workers and survivors of violence or human trafficking.

Students may select from three degree tracks: research, advocacy, or critical trauma studies and social work. The research track prepares students for positions as researchers, analysts and advocates in governmental, intergovernmental and nongovernmental agencies. The advocacy track prepares students to be leaders in nonprofit, social movement, governmental and intergovernmental organizations. The critical trauma studies and social work track prepares students to assist vulnerable people, especially survivors of extreme violence, poverty, war, sex trafficking, human trafficking, gender-based violence and various forms of marginalization.

Graduates are also prepared to enter doctoral programs.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- American Studies, BA
- Applied Science, BAS
- Biology, BA
- Communication, BS
- Communication, BA
- English, BA
- Environmental Science, BA
- Ethnicity, Race and First Nations Studies, BA
- History, BA
- Interdisciplinary Arts and Performance, BA
- Interdisciplinary Arts and Sciences, BA
- Latin American Studies, BA
- Philosophy, Religion and Society, BA

Political Science, BS
Political Science, BA
Psychology, BS
Psychology, BA
Social Justice and Human Rights, BA
Social and Behavioral Sciences, BA
Social and Behavioral Sciences, BS
Social and Cultural Analysis (American Studies), BA
Social and Cultural Analysis (Ethnicity, Race and Indigenous Studies), BA
Social and Cultural Analysis (Latin American Studies), BA
Social and Cultural Analysis (Peace Studies), BA
Social and Cultural Analysis (Queer and Sexuality Studies), BA
Social and Cultural Analysis (Women and Gender Studies), BA
Sociology, BS
Sociology, BA
Women and Gender Studies, BA
Women and Gender Studies, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

33 credit hours and a thesis, or 33 credit hours including the required applied project course (JHR 593), or 33 credit hours including the required capstone course (JHR 549).

Required Core (12 credit hours)

JHR 501 Proseminar in Social Justice and Human Rights (3)
JHR 506 Grant Writing and Development for Social Justice and Human Rights (3)
JHR 510 Problem-Based Seminar in Social Justice and Human Rights (3)
JHR 525 Action Research in Social Justice and Human Rights (3)

Electives (3-6 credit hours)

Research (3 credit hours)

JHR 500 Research (3)

Other Requirements (9 credit hours)

JHR 584 Internship (3) and
track coursework (6)

or

JHR 598 Topic: Migration, Asylum, and Refugees (3)
JHR 598 Topic: Gender-based Violence and Sex-Trafficking (3)
JHR 598 International Law and Organizations (3)

Culminating Experience (3-6 credit hours)

JHR 549 Capstone in Social Justice and Human Rights (3) or
JHR 593 Applied Project (3) or
JHR 599 Thesis (6)

Additional Curriculum Information

For other requirements coursework, ground immersion students will complete an internship and track coursework. Online students will take JHR 598 in the listed topics. When approved by the academic unit, other requirements courses may be substituted.

Students attending in-person choose one of three tracks in social justice and human rights research, social justice and human rights advocacy, and critical trauma studies and social work and select courses for the track and electives requirements in consultation with faculty.

Students completing an applied project or capstone for the culminating experience complete six credit hours of electives to meet the program's 33 credit hour requirement.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the New College of Interdisciplinary Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in applicable master's degree program.

All applicants must submit:

- graduate application application and application fee
- official transcripts
- statement of purpose
- two letters of recommendation
- an academic writing sample (preferred) or professional writing sample
- resume or curriculum vitae
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The statement of purpose should describe the educational background, scholarly interests, and academic and professional goals of the applicant.

It is preferred that letters of recommendation be from faculty members who know the applicant's work well; if these are not available, letters of recommendation from individuals in supervisory or professional roles will be accepted. If letters of recommendation from two faculty members are not available, then it is strongly preferred that at least one letter be from a faculty member.

A writing sample is recommended but not required for students applying to the digital immersion program. If the applicant does not meet the minimum GPA requirements, the application may still be considered.

Applicants should see the program website for application deadlines.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/graduate/social-justice-and-human-rights-ma/>)

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Social and Behavioral Sciences
<https://newcollege.asu.edu/social-justice-and-human-rights-ma>
FAB N100
ncgradadvising@asu.edu
602-543-3000

Social Technologies, MA (ASSTCMA)

Online Degree Search Title: Social Technologies, MA

Campus: West, Online

Program Description:

The MA in social technologies is for those interested in the ways new kinds of social data introduce challenges and opportunities to society.

The program combines a thorough grounding in digital social science with the skills needed to engage in the analysis of social data. This unique combination provides graduates with the ability to understand and contribute to creating ethical social platforms. They are also well positioned to advise institutions, businesses and government agencies on appropriate policies, and to draw on large-scale trace data to help address significant social issues.

The rapid shift toward algorithmic structures of social interaction represents one of the most significant challenges to society, and questions of equity, privacy and autonomy have become a recurring theme running through many modern social problems. These technologies also may provide the keys for addressing substantial social issues. To critically analyze these socio-technical systems requires both technical abilities and an understanding of social theory.

ASU offers an MA in social technologies for those interested in engaging research at the intersection of data and society. It prepares graduates to be leaders in social data science, working with organizations to help them make ethical and effective use of social data, consulting on broader issues of social change and networked technologies, or continuing on to doctoral work in cognate fields.

Students in the program work through a series of courses that provide a grounding in social theory and digital research methods, as well as opportunities to apply that knowledge to social issues.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Biology, BA

Environmental Science, BA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

33 credit hours including the required applied project (STC 593).

Required Core (27 credit hours)

STC 501 Theories of Data and Society (3)

STC 510 Data Wrangling (3)

STC 512 Data, Places, People and Things (3)

STC 527 Ethics and Policies of Social Data (3)

STC 536 Networked Publics (3)

STC 537 Technologies of Community (3)

STC 539 Social Search and Filtering (3)

STC 550 Computational Social Methods I (3)

STC 551 Computational Social Methods II (3)

Other Requirements (0 or 3 credit hours)

STC 528 Communicating Data Science (3)

Culminating Experience (3 or 6 credit hours)

STC 570 Social Data Projects (3) or

STC 599 Thesis (6)

Additional Curriculum Information

Students complete either a three credit hour capstone course (STC 570 Social Data Projects) or a six credit hour thesis (STC 599). Students who choose to complete the capstone course also complete STC 528.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the New College of Interdisciplinary Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- statement of purpose
- two letters of recommendation
- an academic writing sample (preferred) or professional writing sample
- GRE scores (optional)
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The statement of purpose should describe the educational background, scholarly interests, and academic and professional goals of the applicant.

It is preferred that the letters of recommendation be from faculty members who know the applicant's work well; if these are not available, then letters of recommendation from individuals in supervisory or professional roles will be accepted.

GRE scores are recommended, but not required for all applicants. Applicants with below a 3.00 GPA in the last 60 credit hours of the bachelor's degree are strongly encouraged to provide GRE scores.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/graduate/social-data-science/>)

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Social and Behavioral Sciences
<https://newcollege.asu.edu/social-technologies-ma>
FAB N100
ncgradadvising@asu.edu
602-543-3000

Journalism & Mass Communication, Walter Cronkite School of

Business Journalism, MS (CSBSJMS)

Online Degree Search Title: Business Journalism, MS

Campus: Online

Program Description:

The MS degree program in business journalism includes journalism and business coursework offered by the Walter Cronkite School of Journalism and Mass Communication and the W. P. Carey School of Business. The program is designed to give journalists around the world a competitive edge in the globally expanding job market in business reporting and related fields. The program may be completed in as few as one and a half years.

Degree Requirements:

30 credit hours including the required applied project (MCO 593).

Required Core (27 credit hours)

ACC 501 Basics of Financial Performance Reporting and Analysis (1.5)

ACC 504 Basics of Internal Measures of Success: Managerial Accounting (1.5)

ECN 504 Basics of Decisions, Market Structure and Games: Managerial Economics (3)

MCO 503 Media Law (3)

MCO 550 Issues in Coverage of Business and the Economy (3)

MCO 551 Better Business Reporting (3)

MCO 552 Data in Business Journalism (3)

MCO 556 Media Entrepreneurship (3)

MGT 501 Basics of Leading People, Teams and Organizations: Organization Theory (3)

WPC 504 Basics of Understanding Facts: Statistics for Managers (3)

Culminating Experience (3 credit hours)

MCO 593 Applied Project (3)

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Walter Cronkite School of Journalism and Mass Communication.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in journalism, mass communication, public relations, business or a closely related field from a regionally accredited institution, and have some professional communications experience.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- personal statement
- resume
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. A TOEFL score of at

least 100 on the internet-based test is required. Applicants can have these scores automatically submitted to ASU and the Cronkite School by using institution code 4007.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/graduate/master-science-business-journalism/>)

Contact Information:

Journalism & Mass Communication, Walter Cronkite School of
Walter Cronkite School of Journalism & Mass Comm
<https://asuonline.asu.edu/online-degree-programs/graduate/master-science-business-journalism/>
CRONK 302
cronkitegrad@asu.edu
602-496-5555

Digital Audience Strategy, MS (CSDASMS)

Online Degree Search Title: Digital Audience Strategy, MS

Campus: Online

Admission to this program is limited to students who do not have an undergraduate degree or minor in digital audiences.

Program Description:

The MS in digital audience strategy prepares students to design and execute large-scale strategies for connecting digital audiences through a data-driven, multidisciplinary, hands-on curriculum.

Students learn to measure and analyze how consumers interact with content online, on social media and on mobile devices. Using those measurement skills, students develop strategies and tactics to grow audiences through search engine optimization, search engine marketing, paid and organic social media campaigns, and digital content creation. They work with real-world clients to develop, test and execute audience growth strategies in real time.

Through required coursework in ethics, media law and entrepreneurship, students learn to make ethical business decisions regarding consumer privacy, digital data security and community engagement. Through elective courses, students develop additional expertise in areas such as management, audience data and intellectual property.

Students graduate from the program ready to drive audience growth and business development in the digital age.

Degree Requirements:

30 credit hours including the capstone course MCO 566.

Required Core (21 credit hours)

MCO 503 Media Law (3)

MCO 556 Media Entrepreneurship (3)

MCO 561 Defining the Digital Audience (3)

MCO 562 Search Engine Strategy for Digital Audience Acquisition (3)

MCO 563 Social Media Campaigns and Engagement (3)

MCO 564 Digital Audience Research and Behavior (3)

MCO 565 Digital Audience Analytics (3)

Electives or Research (6 credit hours)

Culminating Experience (3 credit hours)

MCO 566 Digital Audience Management (3)

Additional Curriculum Information

For electives or research, students should see the academic unit for the approved course list. Other coursework may be used with the approval of the academic unit.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Walter Cronkite School of Journalism and Mass Communication.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in journalism, communications, public relations or

a related field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- personal statement of intent
- professional resume
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. TOEFL scores must be at least 100 for the internet-based TOEFL iBT.

In 300 to 500 words, the personal statement of intent should describe the applicant's interest in the Master of Science program in digital audience strategy, explain how previous academic or professional experience will inform the applicant's work in the program and how the program will help achieve personal or career goals of the applicant.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/graduate/digital-audience-strategy-ms/>)

Contact Information:

Journalism & Mass Communication, Walter Cronkite School of
Walter Cronkite School of Journalism & Mass Comm
<https://asuonline.asu.edu/online-degree-programs/graduate/digital-audience-strategy-ms>
CRONK 222
cronkitegrad@asu.edu
602-496-5055

Digital Audiences (certificate), Certificate (CSDASGRCT)

Online Degree Search Title: Digital Audiences (Graduate Certificate)

Campus: Online

Admission to this program is limited to students who do not have an undergraduate degree or minor in digital audiences.

Program Description:

The graduate certificate in digital audiences prepares students to execute audience growth and engagement strategies in any industry.

Students learn to measure and analyze how consumers interact with content online, on social media and on mobile devices. Using those measurement skills, students develop strategies and tactics to grow audiences through search engine optimization, search engine marketing, paid and organic social media campaigns, and digital content creation.

This program is designed for professionals who want to develop new skills, take on new responsibilities or more effectively promote their work.

Degree Requirements:

15 credit hours.

Required Core (15 credit hours)

MCO 561 Defining the Digital Audience (3)

MCO 562 Search Engine Strategy for Digital Audience Acquisition (3)

MCO 563 Social Media Campaigns and Engagement (3)

MCO 564 Digital Audience Research and Behavior (3)

MCO 565 Digital Audience Analytics (3)

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Walter Cronkite School of Journalism and Mass Communication.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in communications, political science, business or a related field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- professional resume
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. TOEFL scores must be at least 100 for the internet-based TOEFL (iBT).

Admission to this program is limited to students who do not have an undergraduate degree or minor in digital audiences.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/certificates/digital-audience-strategy-graduate-certificate/>)

Contact Information:

Journalism & Mass Communication, Walter Cronkite School of

Walter Cronkite School of Journalism & Mass Comm

<https://asuonline.asu.edu/online-degree-programs/certificates/digital-audience-strategy-graduate-certificate/>

CRONK 302

cronkitegrad@asu.edu

602-496-5055

Investigative Journalism, MA (CSINVJOURMA)

Online Degree Search Title: Investigative Journalism, MA

Campus: Downtown Phoenix

Program Description:

The MA in investigative journalism prepares students to launch high-level investigative reporting careers at the nation's most prestigious news organizations.

This interdisciplinary program is designed for career switchers, those with experience in fields such as law, health, business, government and the arts, and for early-career to mid-career journalists who want to develop specialization in investigative techniques.

Students combine their existing knowledge with investigative techniques and multimedia skills to produce storytelling with deep public impact.

Degree Requirements:

36 credit hours including the required capstone course (MCO 570).

Required Core (21 credit hours)

MCO 502 Journalism Skills (8)

MCO 503 Media Law (3)

MCO 510 Data Journalism (3)

MCO 530 History, Philosophy and Ethics of Journalism (3)

MCO 544 Accountability in Journalism (1)

MCO 545 Techniques of Investigative Reporting (3)

Research (6 credit hours)

Culminating Experience (9 credit hours)

MCO 570 Capstone Experience (9)

Additional Curriculum Information

Students must take six credit hours of research methods courses. Selection of these courses will require departmental approval.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Walter Cronkite School of Journalism and Mass Communication.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any discipline or related field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:

- graduate admission application and application fee
- official transcripts
- three letters of recommendation
- GRE scores
- professional resume
- letter of intent
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Applicants must receive a score of 100 (iBT) or better on the TOEFL.

Applicants should provide a 300- to 500-word statement describing interest in investigative journalism, career goals and how previous work and academic experience have prepared the student for success.

Contact Information:

Journalism & Mass Communication, Walter Cronkite School of
Walter Cronkite School of Journalism & Mass Comm
<https://cronkite.asu.edu/degree-programs/masters-degree-investigative-journalism>
CRONK 302
cronkitegrad@asu.edu
602-496-5555

Journalism and Mass Communication, PHD (CSJMCPHD)

Online Degree Search Title: Journalism and Mass Communication, PhD

Campus: Downtown Phoenix

Program Description:

The PhD program at the Walter Cronkite School of Journalism and Mass Communication is a highly individualized program designed for industry thought leaders and the educators of tomorrow. The doctorate in journalism and mass communication attracts seasoned media professionals transitioning to academia as well as recent graduates of master's degree-level journalism and communication programs.

At the journalism school, students access resources needed to answer critical questions that challenge the fields of journalism, social media, public relations and international mass communication.

Students engage with world-class faculty who challenge them to think differently about all forms of nonfiction storytelling across every platform marketed to digital audiences.

Students develop lasting relationships with a doctoral cohort and faculty mentors from across North America and the world, researching together to create ethical, entrepreneurial and innovative pathways for the media industry to follow.

This doctoral program in journalism and mass communication is designed to be small, student-centered and scholarly research-oriented. It is based on the following priorities: a journalism and mass communication focus, a transdisciplinary approach that requires coursework outside of the journalism school, one-on-one faculty-student mentoring and program flexibility.

The emphasis of this degree program is the creation of scholarly, peer-reviewed articles and presentations based on journalism and mass communication philosophy, theory and methods. The program prepares students for research-oriented careers in journalism and mass communication education and related fields.

Degree Requirements:

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (18 credit hours)

Electives (18 credit hours)

Other Requirements (24 credit hours)

previous master's degree or additional hours approved by the supervisory committee (24)

Research (12 credit hours)

Dissertation (12 credit hours)

Additional Curriculum Information

Students should see the academic unit for an approved course list.

Students entering the program with a master's degree in journalism or mass communication, or a related field, must complete 60 credit hours of coursework. Students who are admitted to the program without a master's degree are required to complete an additional 24 credit hours of coursework.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Walter Cronkite School of Journalism and Mass Communication.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants must submit:

- graduate admission application and application fee
- official transcripts
- GRE scores
- three letters of recommendation
- personal statement of interest
- resume
- samples of scholarly work
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. TOEFL scores must be at least 600 for the paper-based examination and 100 for the Internet-based.

Scores on the quantitative and verbal sections of the GRE are required, with the verbal score being particularly important to the Cronkite School's graduate committee.

The personal statement of interest should be 350 to 500 words in length.

Students should see the program website for application deadlines and admission terms. Applicants must meet all deadlines and application requirements to be considered.

The Cronkite School's doctoral committee reviews complete and on-time applications. Recommendations for admission are made to Graduate Admission Services, where the final admission decisions are made.

Contact Information:

Journalism & Mass Communication, Walter Cronkite School of
Walter Cronkite School of Journalism & Mass Comm
<https://cronkite.asu.edu/phd>
CRONK 302
cronkitegrad@asu.edu
602-496-5555

Mass Communication, MMC (CSMCOMMMC)

Online Degree Search Title: Master of Mass Communication, MMC

Campus: Downtown Phoenix

Program Description:

The Walter Cronkite School of Journalism and Mass Communication's 12-month MMC degree program uses the teaching hospital model to immerse students in the practice of journalism and prepare them for careers in today's rapidly evolving media industry.

This 36 credit hour program begins with a multimedia boot camp in which students learn to report and produce content for digital and broadcast platforms. Students learn how to navigate a rapidly evolving media environment through classes and a symposium specifically focused on the future of journalism. The program culminates in a professional immersion experience in one of the Cronkite School's news bureaus in Los Angeles, Phoenix or Washington, D.C. Working under the guidance of award-winning journalists, these capstone programs offer real-world experience in a professional news environment.

The Cronkite School is housed in a world-class facility in the heart of downtown Phoenix, the nation's fifth largest city and 11th largest media market. The school is also home to Arizona PBS. Student journalists can walk to the state's largest newspaper, to the NBC and Fox television affiliates and to major events at city hall, government agencies and sporting and cultural venues.

The cornerstone of the graduate program is the journalism school's professional programs:

Cronkite News Phoenix --- Students produce a daily newscast on Arizona PBS, reaching 1.9 million households, and digital content for cronkitenews.azpbs.org (<https://cronkitenews.azpbs.org/>), Cronkite News social platforms and partner sites across Arizona. <https://cronkite.asu.edu/content/masters-degree-journalism> (<https://cronkite.asu.edu/content/masters-degree-journalism>)

Cronkite News Washington --- Students cover Congress, the White House and the U.S. Supreme Court for Cronkite News and partner newsrooms. <https://cronkite.asu.edu/real-world-experiences/professional-programs/cronkite-news-washington> (<https://cronkite.asu.edu/real-world-experiences/professional-programs/cronkite-news-washington>)

Cronkite News Los Angeles --- Students report for Cronkite News and partner with newsrooms from the second-largest media market in the country. <https://cronkite.asu.edu/real-world-experiences/professional-programs/cronkite-news-la> (<https://cronkite.asu.edu/real-world-experiences/professional-programs/cronkite-news-la>)

Cronkite Noticias --- Students produce Spanish-language news for digital and broadcast platforms in collaboration with Univision Arizona. <https://cronkite.asu.edu/real-world-experiences/professional-programs/cronkite-noticias> (<https://cronkite.asu.edu/real-world-experiences/professional-programs/cronkite-noticias>)

TV Science Magazine --- Students produce long-form video storytelling about scientific research and breakthroughs for broadcast on Arizona PBS. <https://cronkite.asu.edu/real-world-experiences/professional-programs/tv-science-magazine> (<https://cronkite.asu.edu/real-world-experiences/professional-programs/tv-science-magazine>)

Carnegie-Knight News21 --- Students produce major national investigations in partnership with newsrooms such as The Washington Post and NBCNews.com. <https://cronkite.asu.edu/real-world-experiences/professional-programs/carnegie-knight-news-21> (<https://cronkite.asu.edu/real-world-experiences/professional-programs/carnegie-knight-news-21>)

New Media Innovation and Entrepreneurship Lab --- Journalism, engineering, design and business students work together to create cutting-edge digital products and launch new businesses. <https://cronkite.asu.edu/real-world-experiences/professional-programs/new-media-innovation-entrepreneurship-lab> (<https://cronkite.asu.edu/real-world-experiences/professional-programs/new-media-innovation-entrepreneurship-lab>)

Public Relations Lab --- Students work in a strategic communications agency environment to develop campaigns for clients ranging from Fortune 500 companies to startups. <https://cronkite.asu.edu/real-world-experiences/professional-programs/public-relations-lab> (<https://cronkite.asu.edu/real-world-experiences/professional-programs/public-relations-lab>)

Digital Audiences Lab -- Students work in a first-of-its-kind professional immersion program working with real clients to grow, engage and measure their audiences in real time. <https://cronkite.asu.edu/real-world-experiences/professional-programs/digital-audiences-lab> (<https://cronkite.asu.edu/real-world-experiences/professional-programs/digital-audiences-lab>)

This program is also offered as a dual MD/MMC degree with the Mayo Clinic. For more information, students should visit <https://mayo.asu.edu/dualdegrees#MMC> (<https://mayo.asu.edu/dualdegrees#MMC>).

Concurrent Degrees:

This degree is also offered as concurrent degree program with:

- Legal Studies, MLS
- Sustainability Solutions, MSUS

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and

master's degree with:

Journalism and Mass Communication, BA

Sports Journalism, BA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

30 credit hours including the required capstone course (MCO 570), or 36 credit hours including the required capstone course (MCO 570).

Required Core (12 credit hours)

MCO 503 Media Law (3)

MCO 510 Data Journalism (3) or MCO 536 Public Relations Research (3)

MCO 525 21st-Century Media Organization and Entrepreneurship (3)

MCO 530 History, Philosophy and Ethics of Journalism (3) or MCO 519 Strategic Communications Leadership and Ethics (3)

Electives (6 credit hours)

Other Requirements (9 credit hours)

MCO 502 Journalism Skills (8)

MCO 504 Journalism Skills Lab (1)

Culminating Experience (9 credit hours)

MCO 570 Master of Mass Communication Capstone (9)

Additional Curriculum Information

The master's degree program is a full-time, 36 credit hour program. Students with extensive professional journalism experience may be offered the opportunity to pursue the 30 credit hour mid-career option.

Students should see the academic unit for a complete list of approved electives. Other requirement coursework may be substituted with approval of the academic unit.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Walter Cronkite School of Journalism and Mass Communication.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- GRE scores
- three letters of recommendation
- personal statement of interest (350 to 500 words in length).
- resume
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. TOEFL scores must be at least 600 for the paper-based examination and 100 for the internet-based.

Scores on the quantitative and verbal sections of the GRE are required, with the verbal score being particularly important to the journalism school's graduate committee.

The Cronkite School's graduate committee reviews complete and on-time applications. Recommendations for admission are made to Graduate Admission Services, where the final admission decisions are made.

Contact Information:

Journalism & Mass Communication, Walter Cronkite School of

Walter Cronkite School of Journalism & Mass Comm

<https://cronkite.asu.edu/degree-programs/masters-degree-journalism>

CRONK 302

cronkitegrad@asu.edu

602-496-5555

Sports Journalism, MA (CSSPJMA)

Online Degree Search Title: Sports Journalism, MA

Campus: Downtown Phoenix

Program Description:

Sports journalism is the fastest-growing sector of the news media industry, with continued growth on all platforms: specialty magazines, multimedia outlets, teams, leagues, broadcast channels and networks.

The Walter Cronkite School of Journalism and Mass Communication's MA program in sports journalism is a 36-credit hour, three-semester program providing students with unparalleled preparation for careers in sports media and communications.

Students begin with an intensive multimedia skills-based course, which teaches them to produce sports and news coverage across broadcast, digital and print platforms. From there, students choose advanced classes in sports reporting, videography, podcast production, play-by-play production, narrative writing, documentary video and participate in sports bureaus located in Phoenix and Los Angeles. Students learn the values and principles embodied by Walter Cronkite in classes that focus on sports journalism ethics and the challenges faced by the industry.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Journalism and Mass Communication, BA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

36 credit hours including the required capstone course (MCO 570).

Required Core (15 credit hours)

MCO 503 Media Law (3)

MCO 510 Data Journalism (3)

MCO 526 Advanced Issues in 21st-Century Sports and Media (3) Electives or Research (3 credit hours)

Other Requirement (9 credit hours)

MCO 502 Journalism Skills (8)

MCO 504 Journalism Skills Lab (1)

Culminating Experience (9 credit hours)

MCO 570 Capstone: Cronkite News - Los Angeles Sports Bureau (9) or

MCO 570 Capstone: Cronkite News - Phoenix Sports Bureau (9)

Additional Curriculum Information

Students should see the academic unit for a complete list of approved electives.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Walter Cronkite School of Journalism and Mass Communication.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in a closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- GRE scores
- three letters of recommendation
- personal statement of interest (350 to 500 words in length)

- resume
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. TOEFL scores must be at least 600 for the paper-based examination and 100 for the internet-based examination.

Scores on the quantitative and verbal sections of the GRE are required, with the verbal score being particularly important to the journalism school's graduate committee.

Applicants must meet all deadlines and application requirements to be considered.

The Cronkite School's graduate committee reviews complete and on-time applications. Recommendations for admission are made to Graduate Admission Services, where the final admission decisions are made.

Contact Information:

Journalism & Mass Communication, Walter Cronkite School of
 Walter Cronkite School of Journalism & Mass Comm
<https://cronkite.asu.edu/degree-programs/masters-degree-sports-journalism>
 CRONK 302
 cronkitegrad@asu.edu
 602-496-5555

Law, Sandra Day O'Connor College of

Biotechnology and Genomics, LL.M. (LWGENOMLLM)

Online Degree Search Title: Biotechnology and Genomics, LLM

Campus: Downtown Phoenix

Program Description:

The LLM in biotechnology and genomics is offered through the Sandra Day O'Connor College of Law's Center for Law, Science and Innovation, the nation's oldest, largest and most comprehensive research center focusing on the intersection of law and science. Through classroom instruction and guided independent study, Master of Laws candidates examine the legal issues surrounding genetic applications such as:

- cloning
- forensic evidence
- gene testing
- gene therapy
- genetically modified organisms
- stem cells and behavioral genetics

The issues relate to:

- business planning
- confidentiality
- evidentiary standards
- intellectual property
- international trade
- liability
- licensing
- privacy
- regulation

Students in the Master of Laws program in biotechnology and genomics explore and examine the law that enables and constrains the development, control and application of biotechnology and genomics. Relevant legal fields include:

- agricultural law and policy
- health law, particularly public health law
- intellectual property

Forensic science and ethical constraints upon the various contemplated uses are also important elements of the program. Because the legal,

ethical and policy aspects of genomics and biotechnology are of global significance, this program is also beneficial for non-U.S. lawyers. Candidates for a Master of Laws degree must have received their JD or comparable terminal law degree from another country.

Degree Requirements:

The program is designed to be completed in nine months on a full-time basis but also may be pursued on a part-time basis. A degree candidate must complete 24 credit hours of coursework to obtain the Master of Laws degree in biotechnology and genomics. A candidate may elect to write a graduate thesis for either three or six credit hours or can elect not to write a thesis and fulfill the equivalent credits with other coursework. Two required courses are: genetics and the law, and biotechnology: science, law and policy.

The remaining credit hours generally are obtained from the list of elective courses. With faculty advisor approval, a candidate may satisfy up to six credit hours with courses offered by other ASU departments or by law courses that are not included on the approved elective list.

Admission Requirements:

Applicants should see the program website for application deadlines.

Admission to the program is competitive. In order to be admitted, an applicant must have completed a Juris Doctor degree program or a law degree program at a foreign institution that would qualify the applicant to practice law or pursue license to practice in that country and have submitted a complete application to the program. Selection is based on:

- academic background and potential
- career experience and ambitions
- diversity of experience and background
- space and resource limitations in the law school
- strength of experience related to the program sought and other factors

For an application to be considered complete, it must include the following:

- completed Law School Admissions Council electronic application form, available at <https://law.asu.edu/admissions/apply/llm> (<https://law.asu.edu/admissions/apply/llm>)
- completed LLM Credential Assembly Service report: <https://www.lsac.org/llm/application-process/checklist-for-the-llm-application-process> (<https://www.lsac.org/llm/application-process/checklist-for-the-llm-application-process>)
- required application fee
- resume that does not exceed three typed pages
- personal statement that does not exceed 1,250 words (double-spaced typed pages)
- transcripts from all institutions attended, including the transcript showing that the bachelor's degree and law degree were conferred
- two letters of recommendation
- writing sample

Additional Application Information

Transcripts and letters of recommendation or evaluations must be submitted through the Law School Admissions Council's Credential Assembly Service and will be provided to the ASU College of Law by LSAC.

Applicants with degrees from foreign institutions must meet ASU Graduate College and College of Law English proficiency requirements.

Contact Information:

Law, Sandra Day O'Connor College of
Sandra Day O'Connor College of Law
<https://law.asu.edu/degree-programs/llm>
BCLS 420
llmasu@asu.edu
480-965-1474

Health Law and Policy (Certificate), Certificate (LWHLPGRCT)

Online Degree Search Title: Health Law Policy (Graduate Certificate)

Campus:

Program Description:

The health law and policy graduate certificate at ASU's Sandra Day O'Connor College of Law is a pivotal component to launching a health law and policy career. The certificate program is designed to immerse students in multiple areas of health law and policy, broadening their knowledge and skills in preparation for applied practice in public and private sectors, policy development or academic work.

Degree Requirements:

Required Core (5 credit hours)

LAW 650 Health Law (3)

LAW 651 Public Health Law (2)

Electives (10 credit hours)

Culminating Experience

writing requirement and active participation in health law

Additional Curriculum Information

Students are required to participate in at least one of the following activities; other activities consistent with this listing also may be considered by the program or certificate director or designee:

- active participation as an officer for at least one year in the student Health Law Society
- editorial board position for at least one year with JURIMETRICS
- health or public health law-based externships, upon approval from program director or designee, for at least one semester or summer session
- research assistant for at least one semester or summer session with the Public Health Law and Policy Program or other centers or programs at ASU Law, provided research is focused predominantly on health-related topics

The student must write a substantial paper on a health or public health law topic of at least 15 single-spaced pages and under guidance of a College of Law faculty member. Papers satisfying the college's Graduation Writing Requirement or Flexible Writing Requirement or law journal requirements can fulfill this certificate requirement, including as part of seminar courses among the elective courses.

Each student must earn a cumulative average grade of at least 3.00 (scale is 4.00 = "A") for courses taken to satisfy the substantive requirements of the health law and policy certificate. A student also must earn a minimum grade of a "B-" for any course applied toward the certificate.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Sandra Day O'Connor College of Law.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must be existing JD or LLM students who are currently enrolled in coursework and in good academic standing with the ASU College of Law.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- admission application for the certificate program through Law Interactive. Students should refer to the College of Law website.
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa will first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission be considered for admission to this certificate program.

Further specific requirements for admission to the certificate program can be found on the Sandra Day O'Connor College of Law website.

Contact Information:

Law, Sandra Day O'Connor College of

College of Law Dean's Office

<https://law.asu.edu/focus-areas/public-health-law-policy>

BCLS 340

publichealthlaw@asu.edu

480-965-6181

Indian Law (certificate), Certificate (LWLAWGRCI)

Online Degree Search Title: Indian Law (Graduate Certificate)

Campus:

Program Description:

The Indian law certificate program is designed for students who plan to practice Indian law, particularly students who may be representing tribal communities directly after graduation.

To be eligible to pursue the Indian law certificate, a student must be enrolled in the JD degree program at the Sandra Day O'Connor College of Law and be in good standing. Transfer applicants may be admitted to the certificate program if they otherwise meet the admission standards of the Sandra Day O'Connor College of Law.

The certificate requires substantive coursework, a minimum grade requirement, practice experience in Indian law and the College of Law graduation writing requirement written on an Indian law topic.

Degree Requirements:

The certificate requires a minimum of 21 hours of substantive work in Indian law and related fields. The following courses are required:

LAW 632 Federal Indian Law I

LAW 704 Federal Indian Law II

LAW 776 Indian Legal Clinic

two advanced Indian law courses approved by the faculty director of the Indian law program

The remaining credits are elective courses approved by the faculty director. Students must complete a substantial paper on an Indian law topic approved by the faculty director. Students must receive a grade of "C" (scale is 4.00 = "A") or above or a "Pass" in each course used to fulfill the Indian law certificate requirements.

More specific requirements for completion of the Indian law certificate can be found on the Sandra Day O'Connor College of Law website.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Sandra Day O'Connor College of Law.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

Students wishing to pursue the Indian law certificate must be enrolled in the Juris Doctor degree program at the Sandra Day O'Connor College of Law and must be in good standing. Specific requirements for the Indian law certificate program can be found at the college's website.

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Contact Information:

Law, Sandra Day O'Connor College of

Sandra Day O'Connor College of Law

<https://law.asu.edu/focus-areas/indian-law>

BCLS 420

ilp@asu.edu

480-965-6204

Juris Doctor of Law, JD (LWJDJD)

Online Degree Search Title: Juris Doctor, JD

Campus: Downtown Phoenix

Program Description:

The JD program at the Sandra Day O'Connor College of Law (ASU Law) offers a large selection of courses with options for transdisciplinary study with other departments on campus. Students will find the opportunity to take classes with a more traditional, theoretical focus and to take advantage of many options that focus on the development of practice skills. ASU Law offers a variety of focus areas, including:

- business law
- criminal law
- health law
- Indian law
- International law
- law and sustainability
- patent practice
- International rule of law and security
- science and technology law
- sports law and business
- trial advocacy

ASU Law first-year Juris Doctor students take courses in civil procedure, contracts, torts, legal method and writing, property, constitutional law I, criminal law, legal advocacy and professional responsibility. After the first year, doctoral students are only required to take criminal procedure or constitutional law II; all other courses are electives. Several focused programs (<https://law.asu.edu/degree-programs>), study abroad options (<https://law.asu.edu/experiences/abroad>) and more, can enhance students' experiences.

Students can pursue a Juris Doctor concurrently with other degrees from ASU like a MBA, MSW, MSLB or a PhD in justice studies. Mayo Clinic School of Medicine students also have an opportunity to pursue a dual JD/MD degree: <https://mayo.asu.edu/dualdegrees>.

Doctoral students must complete a total of 88 credit hours and a written substantial paper in order to meet graduation requirements. A full list of graduation requirements can be found here: <https://law.asu.edu/abadisclosures>. Frequently asked questions can be found here: <https://law.asu.edu/about/faqs>.

A flexible schedule program is offered for students who wish to attend law school but can not eliminate all the other obligations in their lives to allow for full-time enrollment: <https://law.asu.edu/degree-programs/jd/jd-flexible-schedule>.

Concurrent Degrees:

This degree is also offered as concurrent degree program with:

- Justice Studies, PhD
- Social Work - Standard Program, MSW
- W. P. Carey MBA - Full-Time Program

Degree Requirements:

Required Core (30 credit hours)

- LAW 515 Contracts (4)
- LAW 516 Criminal Law (3)
- LAW 517 Torts (4)
- LAW 518 Civil Procedure (4)
- LAW 519 Legal Method and Writing (3)
- LAW 522 Constitutional Law (3)
- LAW 523 Property (4)
- LAW 524 Legal Advocacy (2)
- LAW 638 Professional Responsibility (3)

Electives (58 credit hours)

Additional Curriculum Information

A minimum of 64 units must be obtained from courses that involve attendance at regularly scheduled class sessions. The following do not count toward these required 64 units: all externships; independent studies; courses taken outside the law school under section IX A; credits received for working for a journal under section X F; credits received for Moot Court under section X G; credits received for being a teaching assistant; credits received from any clinic other than Civil Justice Clinic, Immigration Law and Policy Clinic, Indian Legal Clinic, Innovation Advancement Legal Clinic, Mediation Clinic, Post-Conviction Clinic; and credit from courses without regularly scheduled meetings.

Students should see the College of Law's Statement of Student Policies for additional Juris Doctor degree requirements.

Admission Requirements:

Applicants with degrees from foreign institutions must meet the Graduate College and College of Law English proficiency requirements.

The Sandra Day O'Connor College of Law at Arizona State University enrolls only one first-year Juris Doctor class per year, and it enters in the fall semester. The Juris Doctor degree is a three-year program, and almost all students study on a full-time basis. The college does offer a flexible scheduling option for students with circumstances that make full-time enrollment impossible. Each year, far more applications are submitted to the Sandra Day O'Connor College of Law than the college's facilities and programs can accommodate. Thus, admission is competitive. The Sandra Day O'Connor College of Law makes its admission decisions based upon all information contained in the applicant's file.

To be considered for admission to the program, an applicant must have taken the LSAT and have earned, or expect to have earned by the time of enrollment in law school, a bachelor's degree from an accredited four-year college or university. Further, a candidate must complete the application for admission and submit all mandatory attachments. Transcripts and letters of recommendation or evaluations must be submitted through the Law School Admissions Council's Credential Assembly Service and will be provided to the College of Law by LSAC with the applicant's LSAT record. Applicants must apply electronically through <https://www.lsac.org> (<https://www.lsac.org/>).

The Sandra Day O'Connor College of Law provides full file review to 100% of the completed applications to the Juris Doctor program. While the applicant's undergraduate record and LSAT score are important predictors, no decision is made on objective criteria alone. Among the other factors considered by the admission committee are:

- ability to communicate
- demonstrated commitment to public service
- diversity of experience and background
- exceptional personal talents
- extracurricular or community activities
- foreign language proficiency
- geographic diversity
- graduate study
- history of overcoming economic or other disadvantage
- honors and awards
- leadership experience
- maturity
- overcoming disability
- personal experiences with discrimination
- publications
- service in the Armed Forces
- the rigor of the undergraduate course of study
- work experience

Students should see the program website for application deadlines.

For an application to be considered complete, it must include the following:

- a complete Credential Assembly Service report, with all transcripts and letters of recommendation or evaluations
- the completed application, including explanations for affirmative answers to conduct, character and fitness questions
- LSAT scores from Law School Admissions Council
- a personal statement that does not exceed two double-spaced, typed pages
- the required application fee
- a resume that does not exceed three typed pages

The Credential Assembly Service report must be from the current application year.

Contact Information:

Law, Sandra Day O'Connor College of
Sandra Day O'Connor College of Law
<https://law.asu.edu/degree-programs/jd>
BCLS 420
asulaw.admissions@asu.edu
480-965-1474

Law and Sustainability (Certificate), Certificate (LWLSUSGRCT)

Online Degree Search Title: Law and Sustainability (Graduate Certificate)

Campus:

Program Description:

The law and sustainability graduate certificate within ASU's Sandra Day O'Connor College of Law is designed to propel ASU Law students into environmental sustainability-related legal careers. Environmental sustainability is a primary emphasis at ASU, and this certificate program leverages

that emphasis by recognizing those law students who have successively immersed themselves in the study of sustainability-related law coursework during their time at the law school.

Degree Requirements:

Required Core (6 credit hours)

LAW 619 Energy Law and Policy (3), or

LAW 631 Environmental Law (3), or

LAW 639 Natural Resource Law (3), or

LAW 643 Water Law (3)

Electives (9 credit hours)

Culminating Experience

writing requirement and active participation in sustainability law

Additional Curriculum Information

Students must select two of the required core courses from the above list.

The academic unit maintains a list of preapproved elective coursework. Please contact the academic unit for the current list.

Students must earn a cumulative average grade point average of at least 3.00 (scale is 4.00 = "A") for those courses taken to satisfy the substantive coursework requirement for the law and sustainability certificate. Students also must earn a minimum grade of "B" in any approved elective course taken outside of the Sandra Day O'Connor College of Law.

To earn the certificate, students must participate in at least two different activities from the following list:

- completion of a sustainability-focused legal externship approved by the program or faculty director
- completion of the Sustainability Law Research Seminar
- membership on the elected board of the law school's Environmental Law Society student chapter
- participation in an extramural environmental or sustainability moot court competition approved by the program or faculty director
- participation as a mentee in the Mentorship Initiative in Sustainability Law (MISL)

Each student must write a substantial paper on a topic related to law and sustainability. The paper must be at least 15 pages in length and written under the guidance of a member of the Sandra Day O'Connor College of Law faculty. A sustainability-related paper written to satisfy the Sandra Day O'Connor College of Law's graduate writing requirement or flexible writing requirement can fulfill this writing requirement, including a paper written as part of a seminar course included on the list of elective courses.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Sandra Day O'Connor College of Law.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution. Applicants must be existing JD or LL.M students who are currently enrolled in coursework and in good academic standing with the Sandra Day O'Connor College of Law.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

an admission application for the certificate program through Law Interactive. Students should refer to the Sandra Day O'Connor College of Law website. proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Further specific requirements for admission to the certificate program can be found on the Sandra Day O'Connor College of Law website.

Contact Information:

Law, Sandra Day O'Connor College of

College of Law Dean's Office

<https://law.asu.edu/focus-areas/sustainability>

BCLS 478
LawandSustainability@asu.edu
480-965-7553

Law, Science, & Technology (certificate), Certificate (LWLAWSTCE)

Online Degree Search Title: Law, Science, and Technology (Graduate Certificate)

Campus:

Program Description:

The law, science and technology certificate program is for students with science and technology interests and is limited to students in good standing pursuing a JD degree at the Sandra Day O'Connor College of Law.

Students can choose to earn a general LST certificate or focus in one or more of the following areas:

- data, privacy and security
- intellectual property
- life sciences

Degree Requirements:

Students must satisfy their graduation writing requirement on a topic related to law, science and technology. The paper must meet all of the Sandra Day O'Connor College of Law requirements for a graduation writing requirement and must be supervised by a center fellow.

A minimum cumulative GPA of 3.00 (scale is 4.00 = "A") is required for those courses that satisfy the substantive coursework requirements of the certificate. Courses used to satisfy the core or focus area requirements may not be taken for pass or fail credit. A student may take one elective course on a pass or fail basis.

Substantive coursework is required in law, science and technology subjects for a minimum of seven courses, earning at least 16 credit hours, at the Sandra Day O'Connor College of Law. Two courses are chosen from the designated core courses and five courses are chosen from a list of elective courses.

Each student is encouraged to actively participate in the events (speakers, conferences, symposia) sponsored by the Center for Law, Science and Innovation and to participate in at least one approved activity for two semesters.

Additional details of the program requirements for the law, science and technology certificate can be found in the Sandra Day O'Connor College of Law Statement of Student Policies.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Sandra Day O'Connor College of Law.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission be considered for admission to this certificate program.

Students wishing to pursue the law, science and technology certificate must be enrolled in the JD program at the Sandra Day O'Connor College of Law and be in good standing.

Specific requirements for admission to the law, science and technology certificate program can be found on the college website.

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Contact Information:

Law, Sandra Day O'Connor College of
Sandra Day O'Connor College of Law
<https://law.asu.edu/focus-areas/law-technology>
BCLS 420
Lsi@asu.edu
480-965-5386

Laws, LL.M. (LAWLAWSLLM)

Online Degree Search Title: Laws, LLM

Campus: Downtown Phoenix

Program Description:

The LLM program allows one year of post-JD study tailored to the scholarly and practice interests of participating students. Study is available in a variety of areas in which the law school holds particular strength.

With more than 250 unique courses to choose from each year (<https://law.asu.edu/admissions/courses>), the 24-credit hour Master of Laws program is customized to meet students' career goals with focus on popular areas of study: <https://law.asu.edu/degree-programs>. The graduate program is flexible with fall and spring starts as well as full-time and part-time options. In order to be admitted to the Master of Laws program, applicants must have completed a Juris Doctor degree or a law degree at a foreign institution that would qualify an applicant to practice law.

The college also offers a Master of Laws in biotechnology and genomics (<https://law.asu.edu/focus-areas/biotech-genomics>), tribal policy, law and government (<https://law.asu.edu/focus-areas/indian-law>) and sports law and business: <https://law.asu.edu/focus-areas/sports-law-business>

To learn more, students should attend one of many provided information sessions: <https://law.asu.edu/admissions/visit>

Focus areas include:

- business law: <https://law.asu.edu/focus-areas/business-law>
- criminal law: <https://law.asu.edu/focus-areas/criminal-law>
- entrepreneurship law and strategy: <https://law.asu.edu/focus-areas/entrepreneurship-law-strategy>
- health law: <https://law.asu.edu/focus-areas/public-health-law-policy>
- Indian gaming: <https://law.asu.edu/focus-areas/indian-gaming-governance>
- Indian law: <https://law.asu.edu/focus-areas/indian-law>
- international law: <https://law.asu.edu/focus-areas/international>
- international rule of law and society: <https://law.asu.edu/focus-areas/irls>
- law and sustainability: <https://law.asu.edu/focus-areas/sustainability>
- patent practice: <https://law.asu.edu/focus-areas/patent>
- science and technology law: <https://law.asu.edu/focus-areas/law-technology>
- tribal self-governance: <https://law.asu.edu/focus-areas/indian-gaming-governance>

Degree Requirements:

The program requires 24 credit hours. Required courses depend on the student's particular concentration in the degree. International students are required to take LAW 596 Professional Legal Writing. A candidate may elect either to write a master's degree portfolio paper or complete an applied project. The remaining credit hours generally are obtained from the list of elective courses. With faculty advisor approval, a candidate may satisfy up to six credit hours with courses offered by other ASU departments or by law courses that are not included on the approved elective list.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Sandra Day O'Connor College of Law.

Applicants are eligible to apply to the program if they have earned a Juris Doctor degree in the U.S. or a law degree at a foreign institution that would qualify the applicant to practice law or pursue license to practice in that country.

All applicants must submit:

completed LLM application form and application fee official transcripts from all institutions attended explanations to affirmative answers to any conduct questions resume, not exceeding three typed pages statement of interest, not exceeding 1,250 words (double-spaced, typed pages) two letters of recommendation writing sample proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Applicants should see the Sandra Day O'Connor College of Law website for acceptable TOEFL scores and additional information for foreign educated applicants.

Foreign Educated Applicants (<https://llm.lisac.org/login/access.aspx?appl=4007L1>) >All foreign educated applicants are required to use the Law School Admission Council (LSAC) LLM Credential Assembly Service (CAS), which includes the ASU Law Electronic Application, the Document Assembly Service, and the International Transcript and Authentication Service. Students should refer to the special instructions for the CAS report (<https://llm.lisac.org/login/access.aspx?appl=4007L1>) >LSAC 2019 Electronic Application.

U.S.-educated applicants have the option of applying through the LSAC LLM Credential Assembly Service, which includes the ASU Law Electronic Application and Document Assembly Service or applying through the ASU Law website using the LLM application form

ASU law alumni graduates who are interested in the LLM should refer to the Law for Life (<https://law.asu.edu/alumni/law-for-life>) program.

Transcripts and letters of recommendation or evaluations must be submitted through the Law School Admissions Council's Credential Assembly Service and these will be provided to the ASU College of Law by LSAC. Transcripts are required from all institutions attended, and transcripts showing that the bachelor's degree and law degree were conferred must be included. Applicants who encounter any problems should contact the LSAC help desk at 215-968-1001.

For applications to be considered complete, submissions must include all items in the bulleted list above.

Admission to the program is competitive. Selection is based on academic background and potential, diversity of experience and background, career experience and ambitions, strength of experience related to the program sought, space and resource limitations in the law school and other factors.

Potential applicants should see the program website for application deadlines.

Contact Information:

Law, Sandra Day O'Connor College of
Sandra Day O'Connor College of Law
<https://law.asu.edu/degree-programs/lm>
BCLS 420
lmasu@asu.edu
480-965-1474

Laws (Global Legal Studies), LL.M. (LAWLGLPLLM)

Online Degree Search Title: Laws (Global Legal Studies), LLM

Campus: Downtown Phoenix

Program Description:

The LLM program allows one year of post-JD study tailored to the scholarly and practice interests of participating students.

The program draws on the unique focus of the center and the faculty's international and transnational legal expertise in global health, the environment, human rights, trade and emerging technologies. The program emphasizes transdisciplinary study and links rigorous legal training with the research and scholarship drawn from political science, policy studies, anthropology and sustainability.

Students can take a wide variety of courses on international topics, ranging from international environmental law to international human rights law to international institutions. These include business-related courses such as international contracts, international taxation, international commercial arbitration and international business transactions.

Students who participate in externships gain practical experience that makes them more competitive for jobs at home and abroad. ASU Law can place every eligible enrolled student into an externship at organizations in Arizona (<https://law.asu.edu/about/locations/phoenix>) or Washington, D.C., like the U.S. State Department, World Bank, International Rescue Committee, Department of Homeland Security and Human Rights First. ASU Law DC-based externship opportunities are available to view here: <https://law.asu.edu/experiences/externships> (<https://law.asu.edu/experiences/externships>). The opportunity for students to network with international decision-makers, opinion leaders and top practitioners is further amplified through ASU's large presence in Washington, D.C. (<https://washingtondc.asu.edu/#why-is-asu-in-washington-dc>) (<https://washingtondc.asu.edu/#why-is-asu-in-washington-dc>).

Students can develop professionally by engaging with globally minded leaders in the legal, government and business communities. For instance, the Phoenix Committee on Foreign Relations hosts events and other forums for select students to engage with prominent leaders and practitioners on trending international issues. Each year, IROLS holds a workshop with the American Red Cross on international humanitarian law that brings students, members of the military and community leaders together to learn more about the principles governing armed conflict.

Degree Requirements:

The program is designed to be completed in one academic year (nine months) on a full-time basis but may also be pursued on a part-time basis. A degree program candidate must complete 24 credit hours of coursework. A candidate may elect to write a master's degree portfolio paper or, instead, can elect to complete an applied project. Required coursework includes two of the following courses:

LAW 615 Public International Law (3)
LAW 691 Seminar: International Institutions (2)
LAW 709 International Human Rights (2-3)
LAW 768 International Business Transactions (2-4)

An international student whose initial law degree is not from a U.S. law school is required to take the following course:

LAW 596 Professional Legal Writing (2)

The remaining credit hours are generally obtained from the list of elective courses in international law.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Sandra Day O'Connor College of Law.

Applicants are eligible to apply to the program if they have earned a Juris Doctor degree in the U.S. or a law degree at a foreign institution that would qualify the applicant to practice law or pursue license to practice in that country.

All applicants must submit:

- completed LLM application form and application fee
- official transcripts
- resume, not exceeding three typed pages
- statement of interest, not exceeding 1,250 words (double-spaced, typed pages)
- two letters of recommendation
- writing sample
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Applicants should see the College of Law website for acceptable TOEFL scores and additional information for foreign educated applicants.

Applicants are encouraged to apply electronically through <https://www.lsac.org> (<https://www.lsac.org/>).

Transcripts and letters of recommendation or evaluations must be submitted through the Law School Admissions Council's Credential Assembly Service and are provided to the ASU College of Law by LSAC. Transcripts are required from all institutions attended, and transcripts showing that the bachelor's degree and law degree were conferred must be included.

Admission to the program is competitive. Selection is based on academic background and potential, diversity of experience and background, career experience and ambitions, strength of experience related to the program sought, space and resource limitations in the law school and other factors.

Potential applicants should see the program website for application deadlines.

Contact Information:

Law, Sandra Day O'Connor College of
Sandra Day O'Connor College of Law
<https://law.asu.edu/degree-programs/llm>
BCLS 420
llmasu@asu.edu
480-965-1474

Legal Studies, MLS (LWLGSMLGS)

Online Degree Search Title: Legal Studies, MLS

Campus: Downtown Phoenix, Online

Program Description:

The MLS degree is offered for students who want to understand legal principles and apply them to their fields of interest without becoming a lawyer.

This degree program is for those interested in learning about the law or whose work intersects with the law. The program is flexible; it is offered in the fall, spring and summer, full-time and part-time, on-campus and online: <https://law.asu.edu/degree-programs/mls> (<https://law.asu.edu/degree-programs/mls>).

Students may focus their program on popular areas of study (<https://law.asu.edu/degree-programs> (<https://law.asu.edu/degree-programs>)) and can also pursue a concurrent program with the degrees listed below. The Master of Legal Studies program is also offered with concentrations in patent

practice, and sports law and business.

To learn more, applicants should attend one of many offered information sessions: <https://law.asu.edu/admissions/visit> (<https://law.asu.edu/admissions/visit>).

Focus areas offered in-person include:

- business law: <https://law.asu.edu/focus-areas/business-law> (<https://law.asu.edu/focus-areas/business-law>)
- conflict resolution: <https://law.asu.edu/degree-programs/conflict-resolution> (<https://law.asu.edu/degree-programs/conflict-resolution>)
- criminal law: <https://law.asu.edu/focus-areas/criminal-law> (<https://law.asu.edu/focus-areas/criminal-law>)
- entrepreneurship law and strategy: <https://law.asu.edu/focus-areas/entrepreneurship-law-strategy> (<https://law.asu.edu/focus-areas/entrepreneurship-law-strategy>)
- health law: <https://law.asu.edu/degree-programs/public-health-law-policy> (<https://law.asu.edu/degree-programs/public-health-law-policy>)
- human resources and employment law (also offered online): <https://law.asu.edu/degree-programs/mls/mls-online/hr-concentration-mls> (<https://law.asu.edu/degree-programs/mls/mls-online/hr-concentration-mls>)
- Indian law: <https://law.asu.edu/degree-programs/indian-law> (<https://law.asu.edu/degree-programs/indian-law>)
- international law: <https://law.asu.edu/degree-programs/programs/international> (<https://law.asu.edu/degree-programs/programs/international>)
- international rule of law and security: <https://law.asu.edu/degree-programs/irls> (<https://law.asu.edu/degree-programs/irls>)
- law and sustainability: <https://law.asu.edu/degree-programs/sustainability> (<https://law.asu.edu/degree-programs/sustainability>)
- patent practice: <https://law.asu.edu/degree-programs/programs/patent> (<https://law.asu.edu/degree-programs/programs/patent>)
- science and technology law: <https://law.asu.edu/degree-programs/law-technology> (<https://law.asu.edu/degree-programs/law-technology>)
- sports law and business (offered as the MSLB degree): <https://law.asu.edu/degree-programs/sports-law-business> (<https://law.asu.edu/degree-programs/sports-law-business>)

Focus areas offered only online include:

- conflict resolution: <https://law.asu.edu/degree-programs/mls/mls-online/conflict-resolution> (<https://law.asu.edu/degree-programs/mls/mls-online/conflict-resolution>)
- construction law: <https://law.asu.edu/degree-programs/mls/mls-online/construction-law> (<https://law.asu.edu/degree-programs/mls/mls-online/construction-law>)
- corporate and health care compliance: <https://law.asu.edu/degree-programs/mls/mls-online/corporateandhealthcarecompliance> (<https://law.asu.edu/degree-programs/mls/mls-online/corporateandhealthcarecompliance>)
- criminal law: <https://law.asu.edu/degree-programs/mls/mls-online/criminal-law-mls> (<https://law.asu.edu/degree-programs/mls/mls-online/criminal-law-mls>)
- human resources and employment law: <https://law.asu.edu/degree-programs/mls/mls-online/hr-concentration-mls> (<https://law.asu.edu/degree-programs/mls/mls-online/hr-concentration-mls>)
- intellectual property law: <https://law.asu.edu/degree-programs/mls/mls-online/intellectual-property-mls> (<https://law.asu.edu/degree-programs/mls/mls-online/intellectual-property-mls>)
- sports law and business: <https://law.asu.edu/degree-programs/mls/mls-online/sports-business-mls> (<https://law.asu.edu/degree-programs/mls/mls-online/sports-business-mls>)
- sustainability law: <https://law.asu.edu/degree-programs/mls/mls-online/sustainability-mls> (<https://law.asu.edu/degree-programs/mls/mls-online/sustainability-mls>)

Pursuant to American Bar Association standards, no law credits completed prior to admission to a JD program, including credits earned in the Master of Legal Studies program, may be transferred to a future Juris Doctor program under any circumstances.

Concurrent Degrees:

This degree is also offered as concurrent degree program with:

- Accountancy, MAAC
- Information Systems Management, MS
- Management, MS
- Master of Mass Communication, MMC
- Real Estate Development, MRED
- Sustainability Solutions, MSUS
- Taxation, MTax
- W. P. Carey MBA - Full-Time Program
- W. P. Carey MBA - Professional Flex Program

Degree Requirements:

The program consists of 30 credit hours of approved study. The degree program can be completed on a full-time or part-time basis. Students are required to take:

LAW 581 U.S. Law and Legal Analysis (3)

Students are required to choose one of the following basic foundational courses:

LAW 515 Contracts* or LAW 530 Fundamentals of Contract Law (4/3)

LAW 516 Criminal Law (3)*

LAW 517 Torts (2/4)*

LAW 518 Civil Procedure (3/5)*

LAW 522 Constitutional Law (3)*

LAW 523 Property (2/4)*

LAW 602 Civil Procedure II (3/4)

LAW 604 Criminal Procedure (3)

LAW 625 Survey of Individual Rights in Constitutional Law (3/4)

LAW 654 Business Organizations (3/4)

LAW 664 Intellectual Property (2/4)

*Students may enroll in a maximum of two courses marked with an asterisk.

The remainder of the credits are electives. Elective course selection is flexible, to accommodate the diversity of intellectual and professional interests the program is intended to serve.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Sandra Day O'Connor College of Law.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from an accredited four-year college or university in the United States or attained a comparable degree from a foreign institution.

All applicants must submit:

completed MLS application form and application fee official transcripts from all institutions attended proof of English proficiency resume that does not exceed three typed pages Additional Application Information

Applicants who have received their bachelor's or master's degree in the U.S. can apply through the MLS FastApp (<https://apps.law.asu.edu/Apps/Admissions/Application/MLS/Default.aspx>) application process, which streamlines the application process and may allow for an offer of conditional admission to the MLS program while the applicant continues to submit any additional requested documentation.

If a decision cannot be made from the FastApp, the Sandra Day O'Connor College of Law Admissions team may request additional information from the applicant, including any or all of the following:

writing sample explanations to affirmative answers to any conduct questions two letters of recommendation

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Applicants should see the Sandra Day O'Connor College of Law website for acceptable TOEFL scores and additional information for foreign educated applicants.

MLS applicants with foreign education credentials must have all transcripts evaluated by the Academic Credentials Evaluation Institute, Inc. (ACEI). ACEI independently evaluates all academic documents issued in countries other than the United States. Students should contact ACEI through that organization's website to obtain an application for an evaluation. Applicants must request a course-by-course evaluation and order an official copy be sent directly to:

Sandra Day O'Connor College of Law
Arizona State University
Beus Center for Law and Society
Office of Admissions and Financial Aid
Mail Code: 9520
111 E Taylor St.
Phoenix, AZ 85004

Admission to the program is competitive. Selection is based on a variety of factors, including academic background and potential, diversity of experience and background, career experience and ambitions, space and resource limitations in the law school and other factors.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/graduate/master-legal-studies/>)

Contact Information:

Law, Sandra Day O'Connor College of
Sandra Day O'Connor College of Law
<https://law.asu.edu/degree-programs/mls>
BCLS 420
mlsasu@asu.edu
480-965-1474

Legal Studies (Patent Practice), MLS (LWLPPMLEGS)

Online Degree Search Title: Legal Studies (Patent Practice), MLS

Campus: Downtown Phoenix

Program Description:

The concentration in patent practice within the MLS degree program prepares students for the practice of patent law as registered patent agents with the United States Patent and Trademark Office. The program focuses on providing students with substantial doctrinal knowledge about patent law as well as practical skills training that includes a capstone clinical course, relevant in the patent law field.

Undergraduates with a degree in engineering or hard science can draft and submit patent applications on behalf of themselves and others after passing the patent bar exam and becoming a registered patent agent with the USPTO. Additionally, many law firms, corporations, entrepreneurial ventures and others hire nonlawyers to draft patents.

At Sandra Day O'Connor College of Law, the patent practice focus provides students with a detailed understanding of patent law and a general understanding of intellectual property and the U.S. legal system. Skills gained enable students to successfully assist clients in securing their patentable invention rights.

Patent Agent: Trends show an increase in the hiring of patent agents by many law firms, large corporations and other companies that rely on patent prosecution expertise provided by these nonlawyers who are approved by the USPTO to represent individuals and companies in the patent prosecution process.

Clinical Experience

Students in the Lisa Foundation Patent Law Clinic (<https://law.asu.edu/experiences/clinics/lisa-foundation> (<https://law.asu.edu/experiences/clinics/lisa-foundation>)) receive hands-on experience in real-world patent prosecution and learn skills needed to recognize and obtain valuable and enforceable patents for clients that later may be successfully licensed or litigated. Regardless of whether students plan to practice transactional patent law or work in patent litigation, the clinic gives students insight into both areas of practice so they may understand the impact that actions taken during the patent procurement process have during a subsequent patent litigation.

Through their clinical experience, students work with independent inventors and start-up companies to draft and prosecute patent applications in the USPTO under the supervision of licensed patent attorneys. Additionally, students learn to conduct validity and infringement analyses while gaining valuable skills such as patent due diligence, valuation and licensing strategies.

The clinic focuses on providing students with hands-on experience in the most commonly encountered practical areas such as inventor interviewing, patentability searching and opinion drafting, patent application and office action response drafting, and examiner interviewing.

Degree Requirements:

Required Core (3 credit hours)

LAW 581 U.S. Law and Legal Analysis (3)

Concentration (18 credit hours)

Electives (6 credit hours)

Culminating Experience (3 credit hours)

clinical experience (Lisa Foundation Patent Law Clinic) (3)

Total required credit hours (30)

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Sandra Day O'Connor College of Law.

Admission to the concentration requires a bachelor's degree in one of the following:

- aeronautical engineering
- agricultural engineering
- biochemistry
- biology
- biomedical engineering
- botany
- ceramic engineering
- chemical engineering
- civil engineering
- computer engineering
- computer science*
- electrical engineering
- electrochemical engineering
- electronics technology
- engineering physics
- food technology
- general chemistry
- general engineering
- geological engineering
- industrial engineering
- marine technology
- mechanical engineering
- metallurgical engineering
- microbiology
- mining engineering
- molecular biology
- nuclear engineering
- organic chemistry
- petroleum engineering
- pharmacology
- physics
- textile technology

*Acceptable computer science degrees must be accredited by the Computer Science Accreditation Commission of the Computing Sciences Accreditation Board or by the Computing Accreditation Commission of ABET on or before the date the degree was awarded.

A minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program is required. A minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the applicable master's degree is required.

All applicants must submit:

- completed MLS application form and application fee
- official transcripts
- resume, not exceeding three typed pages
- statement of interest (typed, double-spaced) not exceeding 1,250 words
- two letters of recommendation
- a writing sample
- proof of English proficiency

Additional Admission Information

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency as indicated by acceptable scores. Applicants should have a TOEFL score above 600 (paper), 250 (computer) or 100 (internet). Exceptional candidates with relevant experience and background who have scores of at least 590 (paper), 243 (computer) or 96 (internet) also are considered. Applicants must meet the requirements of the Graduate College as well as those of the Sandra Day O'Connor College of Law.

Applicants with degrees from foreign institutions must submit transcripts to World Education Services (<https://www.wes.org> (<https://www.wes.org>)).

There is no required admission examination.

Potential applicants should see the program website for application deadlines.

Contact Information:

Law, Sandra Day O'Connor College of
Sandra Day O'Connor College of Law

<https://law.asu.edu/focus-areas/patent>
BCLS 420
mlsas@asu.edu
480-965-1474

Sports Law and Business, JD (LWSLBJD)

Online Degree Search Title: Law (Sports Law and Business), JD

Campus:

Program Description:

The sports law and business concentration under the JD program provides real-world experience to aspiring professionals and future lawyers, teaching them how to approach and solve industry problems through the lens of sports by considering all regulatory, revenue, reputational and relationship factors involved in a given scenario. It provides the theoretical and practical knowledge and experience necessary for success at the nexus of sports and law.

Degree Requirements:

Required Core (30 credit hours)

LAW 515 Contracts (4)

LAW 516 Criminal Law (3)

LAW 517 Torts (4)

LAW 518 Civil Procedure (4)

LAW 519 Legal Method and Writing (3)

LAW 522 Constitutional Law (3)

LAW 523 Property (4)

LAW 524 Legal Advocacy (2)

LAW 638 Professional Responsibility (3)

Concentration Courses (15 credit hours)

LAW 675 Professional Sports Law (3) or LAW 676 Amateur Sports Law (3)

non-JD SLB courses (6)

sports-related internship, externship, advanced research (3)

sports-related elective (3)

LAW Electives (43 credit hours)

Additional Curriculum Information

A minimum of 64 credits must be earned in courses that involve attendance at regularly scheduled class sessions. The following do not count toward these required 64 credits:

- all externships
- credit from courses without regularly scheduled meeting
- independent studies
- journal credits
- moot court credits
- non-LAW courses taken at the Sandra Day O'Connor College of Law
- teaching assistant credits

Students should see Sandra Day O'Connor College of Law JD Statement of Student Policies for additional JD information.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Sandra Day O'Connor College of Law.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

The Sandra Day O'Connor College of Law is committed to a more sustainable and resilient future and requires applicants to apply electronically through the Law School Admission Council (LSAC) website at LSAC.org (<https://www.lsac.org/>).

All applicants must submit:

- application fee
- binding admission contact (if applicable)
- character and fitness statement (if applicable)
- LSAC Credential Assembly Service report with a valid LSAT score and official undergraduate and graduate transcripts
- personal statement

An application may also include:

- Arizona residency form
- diversity statement
- optional addenda
- two letters of recommendation

Additional Application Information

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

The JD program enrolls one first-year class per year, entering in the fall semester. The JD degree is a three-year full time program. However, ASU Law offers a flexible scheduling option for students with circumstances that make full-time enrollment impossible. Each year the Sandra Day O'Connor College of Law receives more applications from eligible candidates than can be accommodated. Admission to Sandra Day O'Connor College of Law is competitive.

The Sandra Day O'Connor College of Law seeks to enroll a dynamic group of individuals that will provide an engaging learning environment. The admissions committee makes decisions after considering all the information provided by the applicant. Among the factors influencing the admission decision are LSAT performance, undergraduate grade point average, quality and grading patterns of undergraduate institutions, previous graduate education, demonstrated commitment to public service, work and leadership experience, extracurricular or community activities, history of overcoming economic or other disadvantages, uniqueness of experience and background, maturity, ability to communicate, foreign language proficiency, honors and awards, service in the armed forces, and publications.

The Credential Assembly Service report must be from the current application year.

For detailed information about the JD application process, students are asked to visit: <https://law.asu.edu/admissions/apply/jd> (<https://law.asu.edu/admissions/apply/jd>).

Students should refer to the program website for application deadlines.

Contact Information:

Law, Sandra Day O'Connor College of
Sandra Day O'Connor College of Law
<https://law.asu.edu/degree-programs/jd>
BCLS 420
asulaw.admissions@asu.edu
480-965-1474

Sports Law and Business, LL.M. (LWSLBLLM)

Online Degree Search Title: Laws (Sports Law and Business), LLM

Campus:

Program Description:

The sports law and business concentration under the LLM program provides real-world experience to aspiring professionals and future lawyers, teaching students how to approach and solve industry problems through the lens of sports by considering all regulatory, revenue, reputational and relationship factors involved in a given scenario. The program gives theoretical and practical knowledge and experience necessary for success at the nexus of sports and law.

Degree Requirements:

Concentration Courses (12 credit hours)
LAW 675 Professional Sports Law (3) or
LAW 676 Amateur Sports Law (3)
non-JD SLB courses (6)
sports-related internship, externship, advanced research (3)

Electives or Research (12 credit hours)

LAW 670 Pro Sport Team Operations and Legal Issues (3) or
LAW 671 Sports Venue Construction: Legal and Financial Issues (3) or
LAW 673 Risk Management for Venues in the Sports Industry (3) or
LAW 674 NCAA Compliance, Infractions and Enforcement (3)
LAW electives (9)

Additional Curriculum Information

Students should see the academic unit for elective course options.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Sandra Day O'Connor College of Law.

Applicants are eligible to apply to the program if they have earned a Juris Doctor degree in the U.S. or a law degree at a foreign institution that would qualify the applicant to practice law or pursue license to practice in that country.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- admission application for the program through Law Interactive (see the College of Law website)
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Specific further requirements for admission to the concentration can be found on the Sandra Day O'Connor College of Law website

Contact Information:

Law, Sandra Day O'Connor College of
Sandra Day O'Connor College of Law
<https://law.asu.edu/focus-areas/sports-law-business>
BCLS 558
mslbasu@asu.edu
480-965-0304

Sports Law and Business, MLS (LWSLBMLS)

Online Degree Search Title: Legal Studies (Sports Law and Business), MLS

Campus:

Program Description:

The sports law and business concentration under the MLS program provides real-world experience to aspiring professionals and future lawyers, teaching them how to approach and solve industry problems through the lens of sports by considering all regulatory, revenue, reputational and relationship factors involved in a given scenario. The program gives the theoretical and practical knowledge and experience necessary for success at the nexus of sports and law.

Degree Requirements:

Required Core (6 credit hours)

LAW 581 U.S. Law and Legal Analysis (3)
LAW course from an approved list (3)

Concentration (9 credit hours)

LAW 675 Professional Sports Law (3) or LAW 676 Amateur Sports Law (3)
non-JD SLB courses (6)

Electives or Research (15 credit hours)

Additional Curriculum Information

Students should see the academic unit for elective course options.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Sandra Day O'Connor College of Law.

Applicants are eligible to apply to the program if they have earned a bachelor's degree in any field from an accredited four-year college or university in the United States or attained a comparable degree from a foreign institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- the completed MLS application form
- the required application fee
- a resume that does not exceed three typed pages
- a personal statement (typed, double-spaced) that does not exceed 1,250 words
- transcripts from all institutions attended, including the transcript showing that the bachelor's degree was conferred
- two letters of recommendation
- a writing sample
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Applicants with degrees from foreign institutions must submit transcripts to World Education Services (<https://www.wes.org/> (<https://www.wes.org/>)) and meet the Graduate College and Sandra Day O'Connor College of Law English proficiency requirements.

Specific further requirements for admission to the concentration can be found on the Sandra Day O'Connor College of Law website

Contact Information:

Law, Sandra Day O'Connor College of
Sandra Day O'Connor College of Law
<https://law.asu.edu/focus-areas/sports-law-business>
BCLS 558
mslbasu@asu.edu
480-965-0304

Sports Law and Business, MSLB (LWSLBMSLB)

Online Degree Search Title: Sports Law and Business, MSLB

Campus:

Program Description:

The MSLB degree at the Sandra Day O'Connor College of Law is a unique program that blends sports, law and business from a nationally ranked law school with world-class faculty, including MLB commissioner Emeritus Allan "Bud" Selig. Phoenix is a destination for sports professionals, boasting opportunities for working, learning and volunteering in every major industry in American sports.

Students do not need to become a lawyer or have a legal background to pursue a Master of Sports Law and Business. Graduates are equipped to understand the sports market and the regulatory forces at play in the U.S. and globally. This one-year, 36-credit hour degree is for students who want to master legal principles that impact sports organizations. Fall and spring starts and full or part-time options are available. Spring enrollments are reserved for a limited number of candidates who demonstrate exceptional work experience in sports, and who have exceptional circumstances that would require a spring start.

Degree Requirements:

36 credit hours including the required applied project course (SLB 593).

Required Core (24 credit hours)

SLB 510 Amateur Sports Law: MSLB (3)

SLB 511 Career Strategies and Business Communications in the Sports Industry (3)

SLB 512 Professional Sports Law: MSLB (3)

SLB 514 Negotiations and Alternative Dispute Resolutions in the Sports Industry (3)

SLB 515 Sports Business Strategies and Executive Decisions (3)

SLB 517 Marketing for Sports Organizations (3)

SLB 518 Sports Analytics (3)

SLB 581 U.S. Law and Legal Analysis Through Sport: MSLB (3) or LAW 519 Legal Method and Writing (3)

Electives or Research (9 credit hours)

Culminating Experience (3 credit hours)

SLB 593 Applied Project (3)

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Sandra Day O'Connor College of Law.

A minimum of a bachelor's degree is required from a regionally accredited four year college or university in the United States or a comparable degree from a foreign institution. Possible majors include but are not limited to the following:

- business (finance, accounting, marketing, etc.)
- communications
- journalism
- prelaw
- sports management or business

All applicants must submit:

- complete MSLB application for admission submitted through the Sandra Day O'Connor College of Law at <https://law.asu.edu/admissions/apply/mslb> (<https://law.asu.edu/admissions/apply/mslb>)
- application fee
- official transcripts
- resume that does not exceed three typed pages
- statement of interest that does not exceed 1,250 words (double-spaced, typed pages)
- two letters of recommendation
- writing sample no less than two typed pages
- explanations to affirmative answers to any conduct questions
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency as indicated by acceptable scores regardless of current residency. Applicants should have a TOEFL score more than 600 (paper), 250 (computer), or 100 (internet). Exceptional candidates with relevant experience and background who have scores of at least 590 (paper), 243 (computer) or 96 (internet) also are considered. ASU's institutional code is 4007.

Official transcripts from all postsecondary institutions of higher education attended must be submitted to the College of Law. An official transcript is a transcript certified by the issuing school and sent directly to ASU or delivered to ASU in a sealed envelope with a seal intact.

Applicants who have received undergraduate or graduate degrees from foreign institutions must have their transcripts evaluated by World Education Services, and WES must send that evaluation to the offices of the Sandra Day O'Connor College of Law.

Admission to the program is competitive. Selection is based on a variety of factors, including academic background and potential, diversity of experience and background, career experience and ambitions, space and resource limitations in the law school and other factors.

Contact Information:

Law, Sandra Day O'Connor College of
Sandra Day O'Connor College of Law
<https://law.asu.edu/degree-programs/mslb>
BCLS 420
MSLBASU@asu.edu
480-965-1474

Trial Advocacy (Certificate), Certificate (LWTAGRCT)

Online Degree Search Title: Trial Advocacy (Graduate Certificate)

Campus: Downtown Phoenix

Program Description:

The graduate certificate program in trial advocacy provides students interested in pursuing a career in criminal prosecution, criminal defense or civil

litigation with a prescribed course of study to help prepare them for practice. In addition, it serves as a credential representing to future employers and clients that a JD student has a demonstrated interest in trial advocacy and a solid foundation in the knowledge and skills needed to succeed in the field.

Degree Requirements:

Required Core (6 credit hours)

LAW 602 Civil Procedure II (3) or LAW 604 Criminal Procedure (3)

LAW 605 Evidence (3)

Alternative Dispute Resolution Requirement (2 credit hours)

Litigation Requirement (3 credit hours)

Electives (4 credit hours)

Other requirements

practical experience in client representation

Additional Curriculum Information

To earn the certificate, a student must take classes in courtroom practice and procedure as well as alternative dispute resolution, participate in experiential learning either through simulation-based instruction in litigation and courtroom advocacy or by representing clients in a clinical setting, and gain additional practical experience through pro bono service, participation in a moot court competition or enrollment in a Rule 38 externship.

Students must complete four credit hours of electives from a selection of over 40 classes.

For the Alternative Dispute Resolution requirement, students must complete a minimum of two credit hours from the Alternative Dispute Resolution requirement course list.

For the Litigation requirements, students must complete a minimum of three credit hours from the Litigation requirement course list.

Students must gain practical experience in client representation by completing one of the following while maintaining continuous enrollment:

- completion of a Rule 38 externship or
- pro bono service --- minimum of 50 hours working with an approved legal services organization or
- representation of the College of Law in a regional, national or international moot court competition

Additional information on what specific courses can be used to fulfill the certificate requirements can be found on the College of Law trial advocacy page.

Admission Requirements:

Applicants must fulfill the requirements of the both the Graduate College and the Sandra Day O'Connor College of Law.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution. Applicants must be existing JD program students who are currently enrolled in coursework and in good academic standing with the ASU College of Law.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- trial advocacy certificate application
- graduate application through Law Interactive. Applicants should refer to the College of Law website.
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

Further specific requirements for admission to the certificate program can be found on the Sandra Day O'Connor College of Law website.

Contact Information:

Law, Sandra Day O'Connor College of
College of Law Dean's Office
<https://law.asu.edu/focus-areas/trial-advocacy>
BCLS 456
trialadvocacy@asu.edu
480-965-6413

Tribal Policy, Law and Government, LL.M. (LWTBLMLAWS)

Online Degree Search Title: Tribal Policy, Law, and Government, LLM

Campus: Downtown Phoenix

Program Description:

The LLM program in tribal policy, law and government is designed for lawyers and law school graduates who desire to work on issues related to tribal law and federal Indian law at the professional and academic levels. The Sandra Day O'Connor College of Law is a leading institution in producing graduates specializing in Indian law. The College of Law is also home to the nationally known Indian Legal Program, established in 1988.

The program provides students with a detailed understanding of the nature of tribal government and of law and policy development within the domestic federal structure. Candidates benefit from the extensive resources committed to the Indian Legal Program, including a director and staff and an Indian law clinic with its own full-time director and staff.

The core curricular offerings focus on domestic tribal law, federal Indian law and American institutions of law and government. The program explores the expression of domestic law within contemporary administrative, governmental and judicial institutions.

Arizona State University is located in the heart of the southwestern U.S., home to roughly one-third of the native population in the U.S. and where many of the largest Indian nations in the country are located. The university is the academic home for several nationally known scholars who do research on American Indian issues, and it houses many unique resources for such scholarship, including the Labriola Collection at Hayden Library.

Degree Requirements:

The program is administered by the Indian Legal Program and is oriented toward students who seek practical experience in tribal law and federal Indian law. It provides intensive instruction to students who graduated from a law school that had few or no courses in Indian law and who now seek to practice in these areas at a professional level. This degree program requires a minimum of 24 credit hours of study. A thesis is not required.

Students immerse themselves in the study of tribal law and federal Indian law and apply the knowledge and experience they gain through the practical component of the degree program which may consist of research projects for tribal courts and governments; state, tribal and federal court practice; and tribal code drafting.

Graduates are well-equipped for professional positions that require knowledge and expertise in tribal law and federal Indian law. Students have the option of pursuing the degree on a part-time basis.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and College of Law English proficiency requirements.

Admission to the program is competitive. In order to be admitted, an applicant must have completed a JD degree or law degree at a foreign institution that would qualify the applicant to practice law or pursue license to practice in that country and have submitted a complete application to the program.

Selection will be based on academic background and potential, career experience and ambitions, diversity of experience and background, space and resource limitations in the law school, and the applicant's strength of experience related to the program sought, as well as other factors.

Applicants are encouraged to apply electronically through <https://www.lsac.org> (<https://www.lsac.org>). For an application to be considered complete, it must include the following:

- the completed LLM application form
- the required application fee
- a resume that does not exceed three, typed pages
- a statement of interest that does not exceed 1,250 words, typed and double-spaced

- transcripts from all institutions attended, including the transcript showing that the bachelor's degree and law degree were conferred
- two letters of recommendation
- a writing sample

Transcripts and letters of recommendation or evaluations must be submitted through the Law School Admissions Council's Credential Assembly Service and are provided to the ASU College of Law by LSAC.

Students should see the program website for application deadlines.

Contact Information:

Law, Sandra Day O'Connor College of
 Sandra Day O'Connor College of Law
<https://law.asu.edu/degree-programs/lm>
 BCLS 420
 llmasu@asu.edu
 480-965-1474

Liberal Arts & Sciences, The College of

Actuarial Science, MS (LAACTMS)

Online Degree Search Title: Actuarial Science, MS

Campus: Tempe

Program Description:

The MS program in actuarial science is designed to allow students to advance their knowledge base by applying mathematical and statistical concepts and data analytics to the disciplines of risk management, finance and insurance. It also includes a new focused set of professional learning outcomes aligned with the needs of the ever-evolving insurance industry, while keeping the core technical learning outcomes in place. These guide students' development of professional competencies through coursework, independent projects and opportunities outside of the classroom, while remaining firmly based on a strong foundation of scholarly technical work in actuarial science. The program emphasizes broad awareness and appreciation of current issues faced by insurance industry practitioners as well as innovative resolutions provided by actuaries.

Actuaries must pass a series of intensive professional exams to become credentialed. Program graduates are prepared for the examinations required to become credentialed professionals by the Society of Actuaries or Casualty Actuarial Society and to be competitive employees in the insurance and finance industries.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Actuarial Science, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

30 credit hours including an applied project (ACT 593).

Required Core (6 credit hours)

ACT 560 Advanced Data Analytics in Insurance I (3)

ACT 561 Advanced Data analytics in Insurance II (3)

Electives or Research (21 credit hours)

Culminating Experience (3 credit hours)

ACT 593 Applied Project (3)

Additional Curriculum Information

For electives and research, students select seven courses from an approved list. Students should see the academic unit for the approved course list. Other courses may be used with approval of the academic unit.

Only six credit hours of 400-level coursework is allowed on the plan of study per Graduate College policy.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's degree (or equivalent) or master's degree from a regionally accredited college or university in a related field such as mathematics, statistics, business, economics and predictive analytics.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- letter of intent or written statement
- GRE scores
- two letters of recommendation
- professional resume
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Applicants should have completed the following courses with a "B" or better (scale is 4.00 = "A"). ASU equivalents are given in parenthesis.

Courses may be substituted with approval of the academic unit:

Linear Algebra (MAT 342 or MAT 343)

Calculus Sequence 1-3 (MAT 270, 271, and MAT 272)

Applied Statistics (STP 420)

Advanced Calculus (MAT 370 or MAT 371)

Contact Information:

Liberal Arts & Sciences, The College of

School of Mathematical and Statistical Sciences

<https://math.asu.edu/degrees/graduate/actuarial-science-ms>

WXLR A216

grad.math@asu.edu

480-965-3951

Addiction and Substance-Use Related Disorders (certificate), Certificate (LAASRDGRCT)

Online Degree Search Title: Addiction and Substance-Use Related Disorders (Graduate Certificate)

Campus: Online

Program Description:

There is growing demand for professionals who understand the needs, issues and treatment approaches for individuals suffering from addiction and substance use disorders.

The certificate program in addiction and substance-use related disorders is valuable for those in counseling, social work, psychology, medicine and various fields of therapy who provide services to individuals and families suffering from addiction and substance use disorders.

This program meets all the curricular requirements of the Arizona State Board of Behavioral Health Examiners for licensure in substance abuse counseling as well as most national and other state certification requirements.

Degree Requirements:

21 credit hours.

Required Core (18 credit hours)

PSY 570 Psychopharmacology (3)

PSY 601 Addiction and Substance Abuse: Assessment and Diagnosis (3)

PSY 602 Comorbidity in Substance Use Related Problems (3)

PSY 603 Evidence-Based Interventions for Substance Use Related Problems (3)

PSY 604 Multicultural Issues Related to Substance Use Related Problems (3)

PSY 605 Group Therapy for Substance Use-Related Problems (3)

Other Requirements (3)
PSY 591 Topic: Ethics (3)

Additional Curriculum Information

This graduate certificate meets all seven of the core content curricular requirements for the Arizona State Board of Behavioral Health Examiners, for students interested in pursuing licensure in substance abuse counseling. In addition, the course is in compliance with national certification curriculum guidelines.

PSY 591 can be substituted with approval of the academic unit.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any health, behavioral health or counseling-related field, from a regionally accredited institution or an equivalent degree from an international institution that is officially recognized by that country.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:

- graduate admission application and application fee
- official transcripts
- curriculum vitae or resume
- one letter or recommendation
- personal statement
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/certificates/addiction-and-substance-use-related-disorders-graduate/>)

Contact Information:

Liberal Arts & Sciences, The College of
Department of Psychology
<https://psychology.asu.edu/>
PSY 230
addictioncert@asu.edu
480-965-7598

African Studies (certificate), Certificate (LAAFRICACE)

Online Degree Search Title: African Studies (Graduate Certificate)

Campus: Tempe

Program Description:

The graduate certificate program in African studies focuses on interdisciplinary study of the peoples, history and cultures of Africa and the multifaceted experiences of people of African descent in Europe and the Americas. Students gain access to an extensive range of information and systematic knowledge committed to the new model of African and African diaspora studies that focuses on the intersections of race, culture and gender with transdisciplinary perspectives.

Courses examine interdisciplinary approaches to studying race, ethnicity, social justice, gender, citizenship and economic development. As this certificate program offers students an international dimension to the study of peoples and cultures of African descent, students invigorate their knowledge about global issues and further expand their research pursuits. This certificate program characterizes the faculty members' intellectual and research strengths and the curriculum's transdisciplinary strategies and research approaches that highlight the continuities and disjuncture of history and experiences throughout Africa and the diaspora.

Degree Requirements:

15 credit hours.

Required Core (3 credit hours)

AFR 502 Africa and African Diaspora World (3)

Electives (12 credit hours)

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution. Students who are not regularly admitted to a graduate degree program may still pursue the certificate.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program. When applicable, applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in a master's degree program.

Applicants must submit:

- graduate admission application and application fee
- official transcripts
- proof of English proficiency

Additional Admission Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission be considered for admission to this certificate program.

Official copies of transcripts must be submitted from all college and universities where the applicant earned a bachelor's or master's degree.

Contact Information:

Liberal Arts & Sciences, The College of

School of Social Transformation

<https://sst.asu.edu/node/315>

WILSN 125

SSTgraduate@asu.edu

480-965-7682

American Indian Studies (Cultural Resource Revitalization and Sustainability), MS (LAAISCMS)

Online Degree Search Title: American Indian Studies (Cultural Resource Revitalization and Sust), MS

Campus: Tempe

ASU is not currently accepting applications for this program.

Program Description:

The MS in American Indian studies is a transdisciplinary program that results in students having an intellectual and practical understanding of the issues facing American Indian populations and the ability to apply that knowledge. Students acquire problem-solving skills useful in a range of professional arenas, including governmental, private and nonprofit agencies. The focus of this curriculum is on languages, cultures, arts, activism, histories, legal policy and education from an American Indian studies paradigm perspective. Delivery is mainly through in-person courses.

The cultural resource revitalization and sustainability concentration explores the development and implementation of American Indian-focused cultural resources management processes and analyze how policies and laws can improve or hinder the protection of American Indian cultural and funerary patrimony.

Degree Requirements:

30 credit hours and a thesis, or 30 credit hours including the required applied project course (AIS 580).

Required Core (9 credit hours)

AIS 501 American Indian Studies Paradigms (3)

AIS 502 American Indian Studies Research Methods (3)

AIS 503 Contemporary Issues of American Indian Nations (3)

Concentration (9 credit hours)

Electives (6 credit hours)

Culminating Experience (6 credit hours)

AIS 580 Applied Project (6) or

AIS 599 Thesis (6)

Additional Curriculum Information

Students may select a thesis or nonthesis option. Thesis students are involved in a major research project under the direction of their faculty advisors, culminating in a thesis. This is the option students should select if they have an interest in a research-oriented position within an organization or agency or wish to pursue a doctoral degree. Nonthesis students complete an applied project that identifies and addresses an applied problem or issue relevant to a partner agency or organization under the direction of their faculty advisors. This is the option students should select if they are interested in a leadership or managerial level position within an organization or agency.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited college or university of recognized standing in a related field such as history, justice study, sociology, ethnic studies, anthropology, political science or education.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Students should visit <https://admission.asu.edu/international/graduate/english-proficiency> (<https://admission.asu.edu/international/graduate/english-proficiency>) for more information.

Contact Information:

Liberal Arts & Sciences, The College of
American Indian Studies Program
<https://americanindian.asu.edu/>
DISCOVERY 356
aisgradadvising@asu.edu
480-965-3634

American Indian Studies (Indigenous Rights and Social Justice), MS (LAAISIMS)

Online Degree Search Title: American Indian Studies (Indigenous Rights and Social Justice), MS

Campus: Tempe

Program Description:

The MS in American Indian studies is a transdisciplinary program that provides students with an intellectual and practical understanding of the issues facing American Indian populations and the ability to apply that knowledge. Students acquire problem-solving skills in a range of professional arenas, including governmental, private and nonprofit agencies.

The program focuses on languages, cultures, the arts, activism, histories, legal policies and education from an American Indian studies paradigm and perspective. Delivery is through in-person courses.

The indigenous rights and social justice concentration explores the historical dimensions of colonization on American Indian political, economic and cultural institutions. Students analyze the legal, political and social implications of American Indian relationships with federal, state and local governments and investigate processes that American Indian nations and community members use to strategize and work toward social justice and indigenous rights.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

American Indian Studies, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

30 credit hours and a thesis, or 30 credit hours including the required applied project course (AIS 580).

Required Core (9 credit hours)

AIS 501 American Indian Studies Paradigms (3)

AIS 502 American Indian Studies Research Methods (3)

AIS 503 Contemporary Issues of American Indian Nations (3)

Concentration (9 credit hours)

Electives (6 credit hours)

Culminating Experience (6 credit hours)

AIS 580 Practicum (6) or

AIS 599 Thesis (6)

Additional Curriculum Information

Students may select a thesis or nonthesis option. Thesis students are involved in a major research project under the direction of their faculty advisors, culminating in a thesis. This is the option students should select if they have an interest in a research-oriented position within an organization or agency or wish to pursue a doctoral degree. Nonthesis students complete an applied project that identifies and addresses an applied problem or issue relevant to a partner agency or organization under the direction of their faculty advisors. This is the option students should select if they are interested in a leadership or managerial level position within an organization or agency.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited college or university of recognized standing in a related field such as history, justice studies, sociology, ethnic studies, anthropology, political science or education.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Students should visit <https://admission.asu.edu/international/graduate/english-proficiency> (<https://admission.asu.edu/international/graduate/english-proficiency>) for more information.

Contact Information:

Liberal Arts & Sciences, The College of

American Indian Studies Program

<https://americanindian.asu.edu/>

DISCOVERY 356

aisgradadvising@asu.edu

480-965-3634

American Indian Studies (Tribal Leadership and Governance), MS (LAAISTMS)

Online Degree Search Title: American Indian Studies (Tribal Leadership and Governance), MS

Campus: Tempe

Program Description:

The MS in American Indian studies is a transdisciplinary program that provides students with an intellectual and practical understanding of the issues facing American Indian populations and the ability to apply that knowledge. Students acquire problem-solving skills useful in a range of professional arenas, including governmental, private and nonprofit agencies.

The program focuses on languages, cultures, arts, activism, histories, legal policy and education from an American Indian studies paradigm and perspective. Delivery is through in-person courses.

The tribal leadership and governance concentration explores traditional and modern concepts of Indian education leadership, tribal government leadership, tribal governments, decision-making and legislation, constitutional reform, planning, economic development, community development, nation rebuilding, tribal courts, administration and planning.

Concurrent Degrees:

This degree is also offered as concurrent degree program with Public Administration - Downtown Phoenix, MPA

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

American Indian Studies, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

30 credit hours and a thesis, or 30 credit hours including the required applied project course (AIS 580).

Required Core (9 credit hours)

AIS 501 American Indian Studies Paradigms (3)

AIS 502 American Indian Studies Research Methods (3)

AIS 503 Contemporary Issues of American Indian Nations (3)

Concentration (9 credit hours)

Electives (6 credit hours)

Culminating Experience (6 credit hours)

AIS 580 Practicum (6) or

AIS 599 Thesis (6)

Additional Curriculum Information

Students may select a thesis or nonthesis option. Thesis students are involved in a major research project under the direction of their faculty advisors, culminating in a thesis. This is the option students should select if they have an interest in a research-oriented position within an organization or agency or wish to pursue a doctoral degree. Nonthesis students complete an applied project that identifies and addresses an applied problem or issue relevant to a partner agency or organization under the direction of their faculty advisors. This is the option students should select if they are interested in a leadership or managerial level position within an organization or agency.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited college or university of recognized standing in a related field such as history, justice studies, sociology, ethnic studies, anthropology, political science or education.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Students should visit <https://admission.asu.edu/international/graduate/english-proficiency> (<https://admission.asu.edu/international/graduate/english-proficiency>) for more information.

Contact Information:

Liberal Arts & Sciences, The College of
American Indian Studies Program
<https://americanindian.asu.edu/>
DISCOVERY 356
aisgradadvising@asu.edu
480-965-3634

American Indian Studies (Visual and Oral Culture), MS (LAAISVMS)

Online Degree Search Title: American Indian Studies (Visual and Oral Culture), MS

Campus: Tempe

ASU is not currently accepting applications for this program.

Program Description:

The MS in American Indian studies is a transdisciplinary program that results in students having an intellectual and practical understanding of the issues facing American Indian populations and the ability to apply that knowledge. Students gain problem-solving skills in a range of professional arenas, including governmental, private and nonprofit agencies. The program focuses on the languages, cultures, arts, activism, histories, legal policy and education from an American Indian studies perspective. Delivery is through in-person courses.

The visual and oral culture concentration explores and contributes to American Indian culture and history as it exists in visual, material and written forms through creative writing, literature, poetry, film, photography, performing arts, digital arts, oral tradition, and history and communication from an American Indian studies paradigm.

Degree Requirements:

30 credit hours and a thesis, or 30 credit hours including the required applied project course (AIS 580).

Required Core (9 credit hours)

AIS 501 American Indian Studies Paradigms (3)

AIS 502 American Indian Studies Research Methods (3)

AIS 503 Contemporary Issues of American Indian Nations (3)

Concentration (9 credit hours)

Electives (6 credit hours)

Culminating Experience (6 credit hours)

AIS 580 Practicum (6) or

AIS 599 Thesis (6)

Additional Curriculum Information

For concentration and electives options, students should see the academic unit for approved courses.

Students select a thesis or nonthesis option. Both are research projects, but the applied project is more applied in nature. Thesis students are involved in a major research project under the direction of their faculty advisors, culminating in a thesis. This is the option students should select if they have an interest in a research-oriented position within an organization or agency or wish to pursue a doctoral degree. Nonthesis students complete a practicum project that identifies and addresses an applied problem or issue relevant to a partner agency or organization under the direction of their faculty advisors. This is the option students should select if they are interested in a leadership or managerial-level position within an organization or agency.

The required core classes emphasize the knowledge and skills all graduates must have. Concentrations and electives are designed so students can concentrate in the areas of visual and oral culture, indigenous rights and social justice, cultural resource revitalization, and sustainability or tribal leadership and governance.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited college or university of recognized standing in a related field such as history, justice studies, sociology, ethnic studies, anthropology, political science or education.

Applicants must have a minimum cumulative GPA of a 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of a 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Applicants should visit <https://admission.asu.edu/international/graduate/english-proficiency> (<https://admission.asu.edu/international/graduate/english-proficiency>) for more information.

Contact Information:

Liberal Arts & Sciences, The College of
American Indian Studies Program
<https://americanindian.asu.edu/>
DISCOVERY 356
aisgradadvising@asu.edu
480-965-3634

American Studies, MA (LAAMSTMA)

Online Degree Search Title: American Studies, MA

Campus: Tempe

Program Description:

ASU's MA program in American studies trains students in interdisciplinary approaches aimed at understanding the American experience in local and global contexts. The array of disciplines spans the arts, humanities and social sciences, and faculty expertise covers a broad range of historical, literary and media studies as well as interdisciplinary and community-based approaches. Given its geographical location in the American Southwest, ASU's American studies program values an exploration of diasporic and transnational influences in U.S. cultures and social and political history.

The American studies faculty have strengths and expertise in the areas of critical ethnic studies, indigeneity studies, gender studies, Black studies, immigration studies, justice studies, disability studies, queer studies, Latino studies, transborder studies, Asian American studies, cultural studies, environmental humanities and sports studies, allowing students to focus their education around these areas.

Students gain expertise from working in a community of scholars dedicated to addressing critical questions of what America means, what American studies uncovers, and how to expand the boundaries of the new American conversation. Graduate students are immersed in conversations of how one develops, conducts and engages research on the American experience in academia and beyond. Additionally, faculty and students include the role of other nations, cultures and communities in their study of the meaning of America and critically evaluate the United States in global matters.

American studies graduates can bridge a strong theoretical foundation with applied research to better equip them to enter national and international dialogues. Graduates of the Master of Arts program in American studies find success in a number of arenas, in local and international contexts, including: nonprofits, government positions, public engagement and community relations, education, communications, political consulting, professional writing, journalism, law fields, medical fields and business.

Degree Requirements:

30 credit hours and a thesis, or 30 credit hours including the required applied project course (AMS 593).

Required Core (3 credit hours)

AMS 502 American Studies: Theory and Method (3)

Electives or Research (21 - 24 credit hours)

Culminating Experience (3 or 6 credit hours)

AMS 593 Applied Project (3) or

AMS 599 Thesis (6)

Additional Curriculum Information

For electives or research, students should see the academic unit for the approved course list. Students choose 21 credit hours for the thesis option or 24 for the applied project option.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution. Applicants holding a bachelor's or master's degree in American studies or a closely related field are preferred.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- statement of purpose
- writing sample
- curriculum vitae
- two letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. The history program requires a TOEFL score of at least 600 (PBT) or 90 (iBT).

The writing sample may be an article, published or unpublished; a research paper; a seminar paper; or any other extended sample of expository skill. A minimum of 4,000 to 5,000 words is required. The document should not be password protected.

The statement of purpose should be addressed to the American Studies Graduate Studies Committee. It must explain the applicant's scholarly background and training, career goals, the area of study the applicant wishes to pursue, and why the applicant wants to pursue graduate study at ASU. It must be about 500 words in length.

Two references are required. Applicants should contact faculty or professional supervisors they intend to use for references prior to listing them on the application and inform the intended recommenders that they will be receiving an email from the ASU American studies program asking them to complete a questionnaire and provide comments on the applicant's suitability for graduate study. Updated email addresses for references should be confirmed before submitting them on the application. References from family members or relations are not recommended.

Contact Information:

Liberal Arts & Sciences, The College of
School of Social Transformation
<https://sst.asu.edu/degrees/grad>
WILSN 125
SSTgraduate@asu.edu
480-965-7682

Animal Behavior, PHD (LAANBPHD)

Online Degree Search Title: Animal Behavior, PhD

Campus: Tempe

Program Description:

The PhD in animal behavior is a transdisciplinary graduate degree program that provides doctoral-level training in mechanistic and functional approaches to understanding behavior in a variety of animal taxa.

The study of behavior is at the interface of several scientific disciplines, including physiology, anatomy, neuroscience, ecology and evolution. This program offers the diverse but specialized array of skills and knowledge needed to produce excellent research in animal behavior.

Students gain knowledge and skills with applied scientific value in areas such as veterinary science and mental and behavioral health in humans. The ecological focus of the program feeds into local, state and global priorities in biological conservation and ecosystem sustainability.

Degree Requirements:

84 credit hours, a oral and written exam, a prospectus, and a dissertation.

Required Core (8 credit hours)

ANB 601 Research Strategies in Animal Behavior (4)

ANB 602 Current Issues in Animal Behavior (4)

Electives or Research (64 credit hours)

The department and the student's advisor determine these courses in conjunction with the student.

Culminating Experience (12 credit hours)
dissertation (12)

Additional Curriculum Information

Core courses ANB 601 and ANB 602 are one credit hour courses, each taken four times.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in a related discipline, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants must submit the following:

- graduate admissions application and application fee
- official transcripts
- academic record form
- personal statement
- curriculum vitae or resume
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Contact Information:

Liberal Arts & Sciences, The College of

School of Life Sciences

<https://sols.asu.edu/degrees/grad/animal-behavior-phd>

LSA 181

sols.grad@asu.edu

480-965-1768

Anthropology, PHD (LAANTHRPHD)

Online Degree Search Title: Anthropology, PhD

Campus: Tempe

Program Description:

The School of Human Evolution and Social Change is an excellent choice for students interested in pursuing a PhD in the classic fields of anthropology:

- archaeology
- bioarchaeology
- evolutionary anthropology
- sociocultural anthropology

It is also an ideal environment for students who want to combine these approaches and other disciplines to explore specific issues or research questions within a transdisciplinary context. The flexible graduate curricula are designed to encourage students to design innovative plans of study in order to pursue their interests while receiving broad training in key areas. The anthropology faculty actively engage with faculty in other disciplines, including:

- applied mathematics
- chemistry
- environmental economics
- epidemiology

- formal modeling
- genetics
- sociology
- sustainability
- technology and society
- urban planning

The training students receive in this program prepares them to become expert scholars able to contribute not only to their chosen field but also to finding solutions to humankind's greatest challenges.

Degree Requirements:

84 credit hours, a written comprehensive exam, a prospectus and a dissertation.

Students entering with a master's degree in a related field may be granted up to 30 credit hours toward the 84 credit hours required for the doctorate. This leaves 30 credit hours of coursework, 12 credit hours of research and 12 credit hours of dissertation (54 credit hours total) to be earned post-admission.

Students entering without a master's degree must earn an additional 30 hours of graduate credit, produce a research portfolio which is formally evaluated by a faculty committee, and present that research in a public forum before continuing on in the later stage of the doctorate.

All students must maintain a 3.20 average GPA (scale is 4.00 = "A") in their courses and complete degree requirements per the program's satisfactory progress policy.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- personal statement outlining educational and professional goals
- current curriculum vitae or resume
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Undergraduate coursework in anthropology is not a prerequisite for admission but is generally advisable. Students may be admitted without such a background and may be required to acquire knowledge of general anthropology in a manner to be specified at the time of admission.

Applicants also may submit with their application materials an optional scholarly writing sample not to exceed 20 to 30 double-spaced pages.

Contact Information:

Liberal Arts & Sciences, The College of
 School of Human Evolution & Social Change
<https://shesc.asu.edu/degrees/anthropology-phd>
 SHESC 233
 shesc.grad@asu.edu
 480-965-6215

Anthropology (Complex Adaptive Systems Science), PHD (LAANTHCPHD)

Online Degree Search Title: Anthropology (Complex Adaptive Systems Science), PhD

Campus: Tempe

Program Description:

The School of Human Evolution and Social Change is an excellent choice for students wanting to pursue a PhD in the classic fields of anthropology:

archaeology, bioarchaeology, evolutionary anthropology, and sociocultural anthropology.

It is also an ideal environment for students who want to combine these approaches and other disciplines to explore specific issues or research questions within a transdisciplinary context. The flexible graduate curricula are designed to encourage students to design innovative plans of study to pursue their interests while receiving broad training in key areas. The anthropology faculty actively engage with faculty in other disciplines; these include applied mathematics, chemistry, environmental economics, epidemiology, formal modeling, genetics, sociology, sustainability, technology and society, and urban planning.

The complex adaptive systems science doctoral concentration trains the next generation of scientists in advanced concepts and methods needed for approaching diverse phenomena in the social and life sciences. The program is tightly integrated with diverse, ongoing, university-wide research on complex adaptive systems science at Arizona State University and emphasizes the value of a complex adaptive perspective to give better insight and a more active role in seeking solutions to a broad array of critical issues facing society today. The training students receive in this program prepares them to become expert scholars able to contribute not only to their chosen field but to finding solutions to humankind's greatest challenges.

Degree Requirements:

84 credit hours, a written comprehensive exam, a prospectus and a dissertation.

Students entering with a master's degree in a related field may be granted up to 30 credit hours toward the 84 credit hour total required for the doctorate degree program. This leaves 30 credit hours of coursework, 12 credit hours of research and 12 credit hours of dissertation (54 credit hours total) to be earned post-admission.

Students entering without a master's degree must earn an additional 30 hours of graduate credit, produce a research portfolio which is formally evaluated by a faculty committee, and present that research in a public forum before continuing on in the later stage of the doctoral degree program.

All students must maintain an average GPA of 3.20 (scale is 4.00 = "A") in their courses and complete degree requirements per the program's satisfactory progress policy.

For the concentration in complex adaptive systems science, 12 credit hours are selected from an approved list of applicable courses related to complexity.

Student doctoral dissertations should include the application of complex adaptive systems concepts and methods in their field of study and they typically have a member of the complex adaptive systems science graduate faculty as a member of their doctoral supervisory committee.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- personal statement outlining educational and professional goals
- current curriculum vitae or resume
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Undergraduate coursework in anthropology is not a prerequisite for admission but is generally advisable. Students may be admitted without such a background and may be required to acquire knowledge of general anthropology in a manner to be specified at the time of admission.

Contact Information:

Liberal Arts & Sciences, The College of
School of Human Evolution & Social Change
<https://shesc.asu.edu/degrees/anthropology-phd/cass>

SHESC 233
shesc.grad@asu.edu
480-965-6215

Anthropology (Urbanism), PHD (LAURBPHD)

Online Degree Search Title: Anthropology (Urbanism), PhD

Campus: Tempe

ASU is not currently accepting applications for this program.

Program Description:

The School of Human Evolution and Social Change is an excellent choice for students wanting to pursue a PhD in the classic fields of anthropology:

- archaeology
- bioarchaeology
- evolutionary anthropology
- sociocultural anthropology

It is also an ideal environment for students who want to combine these approaches and other disciplines when exploring specific issues or research questions within a transdisciplinary context. The flexible graduate curricula are designed to encourage students to design innovative plans of study to pursue their interests while receiving broad training in key areas. The anthropology faculty actively engage with faculty in other disciplines, including:

- applied mathematics
- chemistry
- environmental economics
- epidemiology
- formal modeling
- genetics
- sociology
- sustainability
- technology and society
- urban planning

The training students receive in this program prepares them to become expert scholars able to contribute not only to their chosen field but to finding solutions to humankind's greatest challenges.

The concentration in urbanism leverages the varied interests in urbanism and helps emerging scholars as they attempt to compare, contrast and take stock of urbanism. Working with faculty from across a range of departments and programs at ASU, doctoral students are able to capture the creative tensions that scholarship on urbanism has inspired in order to stimulate a provocative, constructive kind of inquiry.

Degree Requirements:

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Students entering with a master's degree in a related field may be granted up to 30 credit hours toward the 84 credit hour total required for the doctorate. This leaves 30 credit hours of coursework, 12 hours of research credit and 12 hours of dissertation credit (54 credit hours total) to be earned post-admission.

Students entering without a master's degree must earn an additional 30 hours of graduate credit, produce a research portfolio which is formally evaluated by a faculty committee, and present that research in a public forum before continuing on in the later stage of the doctorate.

All students must maintain an average GPA of 3.20 (scale is 4.00 = "A") in their courses and complete degree requirements per the program's satisfactory progress policy.

For the concentration in urbanism, 15 credit hours are selected from an approved list of applicable courses related to urbanism. These courses include the core urbanism course, GCU 516, as well as one course from each of the four urbanism clusters. These clusters are:

- built form
- culture and society
- institutions and governance
- natural environment

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- personal statement outlining educational and professional goals
- current curriculum vitae or resume
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Undergraduate coursework in anthropology is not a prerequisite for admission, but is generally advisable. Students may be admitted without such a background and may be required to acquire knowledge of general anthropology in a manner to be specified at the time of admission.

Applicants may submit an optional scholarly writing sample, not to exceed 20 to 30 double-spaced pages, to be included in their application materials.

Contact Information:

Liberal Arts & Sciences, The College of
School of Human Evolution & Social Change
<https://shesc.asu.edu/>
SHESC 233
shesc.grad@asu.edu
480-965-6215

Applied Behavior Analysis, MS (LAAPBAMS)

Online Degree Search Title: Applied Behavior Analysis, MS

Campus: Tempe

Program Description:

Offered by the Department of Psychology, this MS program in applied behavior analysis is a full-time, scientifically based, two-year program that meets the Behavior Analyst Certification Board fourth edition task list for coursework with more than 270 classroom hours and 1,500 hours of supervised practicum fieldwork.

Successful graduates are able to sit for BACB certification and once certified, they will be eligible for state-licensure. The program's learning outcomes include mastery across three major areas as identified by the BACB: basic behavior-analytic skills, client-centered responsibilities and foundational knowledge.

Applied behavior analysis training in the Department of Psychology at ASU includes supervised experience and instruction in:

- behavior analytic attitudes such as determinism, empiricism and parsimony
- fundamental elements of behavior change and behavior change procedures
- identification, assessments and interventions for behavioral excesses, deficiencies and challenging behavior
- professional ethics and conduct of ABA
- training others in the science and practice of ABA
- use of different behavioral measurement types and systems
- use of experimental designs to determine relationships among and between measurement, relevant variables and behavior

Degree Requirements:

42 Credit hours including the required applied project course (PSB 593).

Required Core (24 credit hours)

PSB 501 Basic Principles of Applied Behavior Analysis (3)

PSB 510 Basic Principles of Experimental Analysis of Behavior (2)

PSB 511 Advanced Research Methods (2)
PSB 520 Ethical Issues and Professional Standards in Applied Behavior Analysis (3)
PSB 530 Behavioral Observation and Functional Assessment (3)
PSB 540 Development of Applied Behavioral Intervention Programs (3)
PSB 563 Basic Principles of Organizational Behavior Management (2)
PSB 573 Advanced Principles of Learning and Analysis of Behavior (3)
PSB 578 Applied Behavior Analysis in Developmental Disorders (3)

Electives or Research (4 credit hours)

PSB 591 Seminar (2)

PSB 598 Special Topics (2)

Other Requirements (9 credit hours)

PSB 580 Practicum: Applied Behavior Analysis (4)

PSB 583 Fieldwork: Applied Behavior Analysis (5)

Culminating Experience (5 credit hours)

PSB 593 Applied Project (5)

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's degree in psychology, human development, sociology or a closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- statement of purpose form
- curriculum vitae or resume
- GRE scores
- two letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Application to the Department of Psychology's Master of Science program in applied behavioral analysis is completed online through ASU's Graduate Admission Services website. Applicants should upload their unofficial transcripts to the application before submitting.

It is strongly recommended that applicants download and print the Master of Science in applied behavioral analysis admission checklist from the Department of Psychology website to ensure completion of the application process and inclusion of all the required supplemental forms.

The statement of purpose form should describe professional and academic aspirations.

Applicants must submit two letters of recommendation from professionals or faculty who can speak to the applicant's abilities.

Contact Information:

Liberal Arts & Sciences, The College of

Department of Psychology

<https://psychology.asu.edu/master-science-applied-behavior-analysis>

PSY 243

msabapsych@asu.edu

480-727-5024

Applied Linguistics, PHD (EDAPLPHD)

Online Degree Search Title: Applied Linguistics, PhD

Campus: Tempe

ASU is not currently accepting applications for this program.

Program Description:

Applied linguistics combines research topics in the linguistics sciences and education to pursue principled approaches to language-related concerns. The applied linguistics PhD program is focused on simultaneous and developmental bilingualism in children and adolescents. Faculty participate in the program from within multiple curricular units across the institution's four campuses. The program encourages transdisciplinary study, and its flexible requirements enable students to pursue those aspects of the disciplines that interest them the most. The program prepares students for entrance into the field as teachers, scholars and professionals.

Degree Requirements:

84 credit hours, a written comprehensive exam, a prospectus and a dissertation.

Foundation Coursework (18 credit hours)

Overview of the Field: A three-credit course providing a survey of the field of applied linguistics is required. (3)

Linguistics: Coursework in theoretical linguistics, including one approved linguistics elective, is required. (15)

Teaching Internship (1 credit hour)

Colloquia (8 credit hours)

A four-semester sequence of two-credit colloquium meetings is required for students in the first two years.

Research Methods (6 credit hours)

Students must take two courses in research methods, selected in consultation with the advisor.

Research Specialization (33 credit hours)

In consultation with the program director, students take 11 three-credit courses in their field of specialization.

Breadth (6 credit hours)

Two courses in a secondary concentration area are required.

Dissertation (12 credit hours)

Additional Curriculum Information

An oral defense of the dissertation is required.

There must be a minimum of 54 credit hours beyond the master's degree level, including a minimum of 12 units of dissertation credit. All students in the program must satisfy 18 credit hours of foundation coursework.

Because applied linguistics is transdisciplinary in nature, applicants may differ from one another with regard to their prior experience and preparation. For instance, while some applicants may have substantial prior training in core theoretical linguistics (foundations) others may have considerable preparation in an area related to a supported concentration. Students should consult the program director for assistance in planning their degree programs. The program director may address potential redundancies in a student's program requirements with prior academic preparation by allocating a maximum of 30 credit hours from an awarded and approved graduate degree toward the applied linguistics program requirements, or the director may permit the student to take additional elective courses in lieu of introductory courses covered in an undergraduate program.

Language Requirement: Students in the applied linguistics doctoral program must demonstrate proficiency in a second language equivalent to two years of study. A language appropriate to the student's area of interest is selected in consultation with the advisor. The language requirement must be satisfied, by examination or coursework, prior to advancement to candidacy. Computer or other nonhuman languages may not be used to satisfy this requirement. Students for whom English is a second language may use their first language to satisfy the requirement by examination. Course credit used to satisfy the language requirement cannot be used to satisfy other program requirements and cannot be counted toward the total required 84 credit hours.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- statement of purpose
- resume or curriculum vitae
- three letters of recommendation
- academic writing sample relevant to the field
- GRE general test scores
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Students should see the Department of English website for specific details about English proficiency requirements.

Contact Information:

Liberal Arts & Sciences, The College of
Department of English
<https://english.asu.edu/node/242>
RBHL 125
enggrad@asu.edu
480-965-3194

Applied Mathematics, PHD (LAAPMPHD)

Online Degree Search Title: Applied Mathematics, PhD

Campus: Tempe

Program Description:

This PhD program in applied mathematics is intended for students with superior computational and mathematical modeling ability. It emphasizes a solid mathematical foundation and promotes creative scholarship in an application discipline. The School of Mathematical and Statistical Sciences at Arizona State University has faculty in applied mathematics with outstanding transdisciplinary research programs with strong external funding.

Current research interests include mathematical epidemiology and mathematical ecology, mathematical neuroscience, environmental fluid dynamics and high performance computing, imaging and inverse problems, supply chain dynamics, control and optimization, computational methods for ordinary and partial differential equations, analysis of differential equations, and geophysical and environmental fluid dynamics.

Degree Requirements:

84 credit hours, a written comprehensive exam, a prospectus and a dissertation.

Required Core (3 credit hours)

APM 505 Applied Linear Algebra (3)

Other Requirements (12 credit hours)

APM 501 Differential Equations I (3)

APM 502 Differential Equations II (3)

APM 503 Applied Analysis (3)

APM 504 Applied Probability and Stochastic Processes (3)

APM 506 Computational Methods (3)

Electives and Research (57 credit hours)

Culminating Experience (12 credit hours)

APM 799 Dissertation (12)

Additional Curriculum Information

Students must pass:

- two qualifying examinations
- a written comprehensive examination
- an oral dissertation prospectus defense.

Students should see the department website for examination information.

Each student must write a dissertation and defend it orally in front of five dissertation committee members.

Electives are to be chosen from math or related area courses approved by the student's supervisory committee.

Students choose four out of the five courses listed for other requirements.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in mathematics, applied mathematics, economics, engineering or a natural science from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- statement of education and career goals
- resume
- GRE (general) scores
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Additional eligibility requirements include:

- be competitive in an applicant pool as evidenced by coursework in linear algebra (equivalent to ASU course MAT 342 or MAT 343) and advanced calculus (equivalent to ASU course MAT 371)
- have scientific programming skills (desirable)

Contact Information:

Liberal Arts & Sciences, The College of
School of Mathematical and Statistical Sciences
<https://math.asu.edu/degrees/graduate/applied-mathematics-phd>
WXLR A216
grad.math@asu.edu
480-965-3951

Applied Mathematics for the Life & Social Sciences, PHD (LAAMLPHD)

Online Degree Search Title: Applied Mathematics for the Life and Social Sciences, PhD

Campus: Tempe

Program Description:

The PhD in applied mathematics for the life and social sciences focuses on the training needed to analyze and more definitively answer lingering, far-reaching and seemingly unknowable questions about underlying patterns hidden within human health, behaviors and experiences, and to teach others to do the same.

Under the transdisciplinary instruction of national experts from five different schools at Arizona State University, program participants learn new applications for tools such as agent-based models, evolutionary computing, geographical information systems, machine learning, multiobjective optimization nonlinear dynamical systems and stochastic processes. In doing so, they unlock new revelations and categories for not just understanding but also practically managing or improving complex biological, ecological and social processes.

This program creates entirely new opportunities, while building upon mathematical foundations and in-demand career paths long established in fields such as:

- bioinformatics
- computational sciences
- ecology
- genomics
- mathematical analysis
- mathematical epidemiology

- nonlinear dynamics
- population dynamics
- social science

Degree Requirements:

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (6 credit hours)

AML 610 Topics in Applied Mathematics for the Life and Social Sciences (3)

AML 612 Applied Mathematics for the Life and Social Sciences Modeling Seminar (3)

Other Requirements (15 credit hours)

ASM, AML or BIO: courses in evolution, ecology or social sciences (400 level or above) (3)*

one graduate-level course in biostatistics (3)*

one graduate-level School of Mathematical and Statistical Sciences course approved by graduate chair (3)

APM, AML, MAT 590 or 790 Reading and Conference (6)

*Substitution courses may be acceptable with approval of director.

Electives (39 credit hours)

See the Additional Curriculum Information section below.

Research (12 credit hours)

AML 592 or 792 Research (12)

Culminating Experience (12 credit hours)

AML 799 Dissertation (12)

Additional Curriculum Information

Electives must include six credit hours of life science and six credit hours of social sciences.

Courses (beyond the 15 credit hour requirement) from the Other Requirements section may be used as electives.

Students must register for research credit (AML 592 or 792) supported by their participation in one of two summer programs, Mathematical and Theoretical Biology Institute or J. Bustoz Math-Science Honors Program, sponsored by the Simon A. Levin Mathematical, Computational and Modeling Sciences Center. Up to three credit hours of research per summer may be applied based on hours and level of participation with approval from the graduate chair and the summer program director.

When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used for this degree. If students do not have a previously awarded master's degree, the 30 hours of coursework will be made up of electives to reach the required 84 credit hours.

All students must maintain a 3.20 (scale is 4.00 = "A") average GPA in their courses and complete degree requirements per the program's satisfactory progress policy.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution. A master's degree in the social sciences (e.g., anthropology, gender studies, geography, sociology), life sciences or related fields (e.g., biology, ecology, genomics), applied mathematics, mathematics or statistics is preferred.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- personal statement outlining educational and professional goals
- current curriculum vitae or resume
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Applicants may submit an optional scholarly writing sample of 20 to 30 double-spaced pages, to be included in their application materials.

Prior to admission, students should have completed, at the undergraduate junior or senior level, a minimum of the following:

- 15 credit hours of mathematics or statistics
- nine credit hours of life sciences and social sciences coursework at the senior or college graduate level
- no fewer than three credit hours each of life sciences and social sciences coursework

Contact Information:

Liberal Arts & Sciences, The College of
School of Human Evolution & Social Change
<https://shesc.asu.edu/degrees/applied-mathematics-life-and-social-sciences-phd>
SHESC 233
shesc.grad@asu.edu
480-965-6215

Applied Mathematics for the Life and Social Sciences (Complex Adaptive Systems Science), PHD (LAAMLCPHD)

Online Degree Search Title: Applied Math for the Life and Social Sciences (Complex Adaptive Sys Science), PhD

Campus: Tempe

Program Description:

The PhD program in applied mathematics for the life and social sciences focuses on training researchers to analyze scientific questions at the intersection of the mathematical, life and social sciences. Graduates of the program make innovative and far-reaching scientific contributions that rely on the cutting-edge computational mathematical and modeling approaches.

This program focuses on producing quantitative scientists and applied mathematicians who conduct high-level transdisciplinary research. The program's faculty include mathematicians, statisticians, theoretical biologists and social scientists from five different schools at Arizona State University.

There is a high demand for first-rate scientists, researchers and faculty interested in meeting the challenges faced by communities in the 21st century. Institutional research and planning programs create space and opportunity to address such challenges on a global scale. The health, environmental and natural resource challenges in Arizona and the nation are urgently in need of a large pool of researchers with these transdisciplinary skills.

There are three tracks a student can follow. Applied mathematics is a more in-depth focus on the tools applied to the life and social sciences, such as dynamical systems, computational and numerical methods, simulation and mathematical analysis. Life sciences focuses on understanding the tools for representing the structure and operation of complex biological and ecological processes. Social sciences focuses on understanding the tools for representing the structure and operation of complex social systems and processes.

By offering courses that enhance transdisciplinary exchanges and collaboration among the faculty and students interested in addressing questions of social relevance, the program builds upon foundations already established in:

- bioinformatics
- computational sciences
- ecology
- genomics
- mathematical analysis
- mathematical epidemiology
- nonlinear dynamics
- population dynamics
- social science fields

The complex adaptive systems science concentration trains the next generation of scientists in advanced concepts and methods needed for approaching diverse phenomena in the social and life sciences. The program is tightly integrated with diverse, ongoing university-wide research on complex adaptive system science at Arizona State University and emphasizes the value of a complex adaptive perspective to give better insight and a more active role in seeking solutions to a broad array of critical issues facing our society today. Students become fluent in the common language of complexity while also receiving a solid foundation in the domain knowledge of existing academic disciplines.

Degree Requirements:

84 credit hours, a written comprehensive exam, a prospectus and a dissertation.

Required Core (6 credit hours)

AML 610 Topics in Applied Mathematics for the Life and Social Sciences (3)

AML 612 Applied Mathematics for the Life and Social Sciences Modeling Seminar (3)

Concentration Courses (6 credit hours)

ASM 570 Fundamentals of CAS Science (3) or BIO 570 Fundamentals of CAS Science (3)

Complex Adaptive Systems Science approaches class (3)

Restricted Electives (12 credit hours)

biostatistics course (3)

numerical analysis course (3)

life sciences and social sciences (6)

Electives (36 credit hours)

Research (12 credit hours)

AML 592/792 Research (12)

Culminating Experience (12 credit hours)

AML 799 Dissertation (12)

Additional Curriculum Information

Students should see the academic unit for a complete list of complex adaptive systems sciences approaches courses required for the concentration.

For required research, other XXX 592/792 Research courses may be substituted with academic unit approval.

When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used for this degree. If students do not have a previously awarded master's degree, the 30 hours of coursework is made up of electives to reach the required 84 credit hours.

Students entering the program without a master's degree must earn an additional 30 hours of graduate credit, produce a research portfolio which is formally evaluated by a faculty committee and present that research in a public forum before continuing on in the later stage of the doctoral program.

All students must maintain an average GPA of 3.20 (scale is 4.00 = "A") in their courses and complete degree requirements per the program's satisfactory progress policy.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution. A master's degree in the social sciences (e.g., anthropology, sociology, gender studies or geography), life sciences or related fields (e.g., biology, genomics or ecology), applied mathematics, mathematics or statistics is preferred.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- personal statement outlining educational and professional goals
- current curriculum vitae or resume
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Applicants may submit an optional scholarly writing sample of 20 to 30 double-spaced pages, to be included in their application materials.

Prior to admission, students should have completed at the undergraduate junior or senior level a minimum of the following:

- 15 credit hours of mathematics or statistics
- nine credit hours of life sciences and social sciences coursework at the senior or college graduate level
- no fewer than three credit hours each of life sciences and social sciences coursework

Contact Information:

Liberal Arts & Sciences, The College of
School of Human Evolution & Social Change
<https://shesc.asu.edu/degrees/applied-mathematics-life-and-social-sciences-phd/cass>
SHESC 233
shesc.grad@asu.edu
480-965-6215

Applied Prevention Science (Certificate), Certificate (LAAPSGRCT)

Online Degree Search Title: Applied Prevention Science (Graduate Certificate)

Campus: Tempe, Online

Program Description:

There is growing demand for professionals who understand the challenges of mental health and the opportunities and the service approaches that can promote healthy development, including in the social, emotional and interpersonal domains. Relatedly, there is a pressing need to train individuals as professionals who can prevent mental illness and their sequelae.

The certificate program in applied prevention science is valuable for those aspiring to work in fields that provide services to children and families in such diverse settings such as schools, courts, community health centers and mental health agencies, child welfare, home visiting programs, foster care services and tribal behavioral health.

Degree Requirements:

15 credit hours.

Required Core (15 credit hours)

PSY 563 Prevention Planning and Evaluation in Service Settings (3)

PSY 564 Prevention Education, Communication and Service Delivery (3)

PSY 567 Prevention Organization and Community Change (3)

PSY 569 Professional Ethics, Growth and Responsibility in Prevention (3)

PSY 678 Preventive Psychosocial Interventions that Work (3)

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in psychology or in any health, mental health, or counseling-related field, from a regionally accredited institution or an equivalent degree from an international institution that is officially recognized by that country.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa need first to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/certificates/applied-prevention-science-graduate-certificate/>)

Contact Information:

Liberal Arts & Sciences, The College of
Department of Psychology
<https://psychology.asu.edu/>
PSY 162
Armando.Pina@asu.edu
480-727-7082

Asian Languages and Civilizations (Chinese), MA (LACHINAMA)

Online Degree Search Title: Asian Languages/Civilizations (Chinese), MA

Campus: Tempe

Program Description:

The Chinese graduate program in the School of International Letters and Cultures offers an MA degree with a focus in one of two areas: literature, linguistics, religion and culture; or pedagogy.

A focus on literature, linguistics, religion and culture prepares students for further academic training, for entrance to professional schools in such fields as law, business, journalism and translation, and for a general level of knowledge about the languages and cultures of China as an asset to a professional career.

The pedagogy focus is intended for students whose major interest is in teaching modern Chinese in K-16 environments.

Degree Requirements:

30 credit hours and a thesis, or 30 credit hours including the required applied project course (CHI 593).

Required Core (3 credit hours)

CHI 501/JPN 501 Proseminar: East Asian Humanities (3)

Concentration (3 credit hours)

SLC 596 Second Language Methodologies (3)

Electives (15 credit hours)

Other Requirements (3 credit hours)

CHI 598 Topic: History of the Chinese Language (3)

Culminating Experience (6 credit hours)

CHI 593 Applied Project (6) or

CHI 599 Thesis (6)

Additional Curriculum Information

The MA in Asian languages and civilizations has concentrations in Chinese and Japanese. Students in the Chinese concentration take CHI 501 as required core and students in the Japanese concentration take JPN 501 for core. The course is cross-listed.

Electives are selected in consultation with the program chairperson.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in Chinese or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts

- personal statement
- writing sample
- resume
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The writing sample should represent the applicant's thinking and writing skills on a topic connected with Chinese culture.

Candidates for the master's degree should present the equivalent of an undergraduate major in Chinese upon entrance to the program. Those who lack this background but show strong potential and meet the Graduate College admission requirements, including those with regard to English proficiency, may be admitted to a graduate program on a provisional basis, pending removal of specified deficiencies. These deficiencies must be completed in addition to the regular plan of study for the master's degree.

Contact Information:

Liberal Arts & Sciences, The College of
 School of International Letters and Cultures
<https://silc.asu.edu/degrees/grad/ALC-MA>
 LL 440
 silc@asu.edu
 480-965-6281

Asian Languages and Civilizations (Japanese), MA (LAJAPANMA)

Online Degree Search Title: Asian Languages/Civilizations (Japanese), MA

Campus: Tempe

Program Description:

The Asian languages faculty in the School of International Letters and Cultures offer a graduate program leading to an MA in Asian languages and civilizations with a concentration in Japanese.

In addition to preparing students for further academic training, the program helps to prepare students for jobs relating to Japan, in fields such as law, business, journalism and translation, and for entrance into professional schools.

Students who see higher-level understanding of the language and culture Japan as a valuable asset to a professional career are an ideal fit for this program as are students who want to pursue doctoral studies in the same or a closely related field.

Degree Requirements:

30 credit hours and a thesis, or 30 credit hours including the required applied project course (JPN 593).

Required Core (3 credit hours)

CHI 501/JPN 501 Proseminar: East Asian Humanities (3)

Concentration (3 credit hours)

JPN 586 History of Japanology (3)

Electives (18 credit hours)

Culminating Experience (6 credit hours)

JPN 593 Applied Project (6) or

JPN 599 Thesis (6)

Additional Curriculum Information

The MA in Asian languages and civilizations has concentrations in Chinese and Japanese. Students in the Chinese concentration take CHI 501 as required core and students in the Japanese concentration take JPN 501 for core. The course is cross-listed.

Electives are selected in consultation with the program chairperson.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in Japanese or a related field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00="A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00="A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- personal statement
- resume
- writing sample
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

The writing sample should represent the applicant's thinking and writing skills on a topic connected with Japanese culture. The personal statement should highlight the applicant's motivations and skills and indicate why they are interested in the Japanese graduate program. Candidates for the program should present the equivalent of an undergraduate major in Japanese upon entrance to the program. Those who lack this background but who show strong potential and meet the Graduate College admission requirements may be admitted to a graduate program on a conditional basis, pending removal of specified deficiencies. These deficiencies must be completed in addition to the regular plan of study for the master's degree.

Students should see the School of International Letters and Cultures website for more information.

Contact Information:

Liberal Arts & Sciences, The College of
School of International Letters and Cultures
<https://silc.asu.edu/degrees/grad/ALC-Japanese-MA>
LL 440
silc@asu.edu
480-965-6281

Asian Studies (certificate), Certificate (LAASIANCE)

Online Degree Search Title: Asian Studies (Graduate Certificate)

Campus: Tempe

Program Description:

The graduate certificate in Asian studies offers graduate students a transdisciplinary specialization in Asian language and area studies.

The certificate program is available in two tracks. The East Asia track includes China, Japan and Korea, and the Southeast Asia track includes Burma, Laos, Thailand, Vietnam, Malaysia, Singapore, Indonesia, the Philippines, Brunei and Timor Leste.

Degree Requirements:

18 credit hours.

Required Core (6 credit hours)

two courses at the 500 level or above dealing with Asian content from a single discipline

Electives (6 credit hours)

two courses at the 500 level or above dealing with Asian content from a discipline other than that chosen for the core courses

Other Requirements (6 credit hours)

language proficiency requirement: two courses at the 400 level or above in one Asian language (Chinese, Indonesian, Japanese, Korean, Thai, Vietnamese)

Additional Curricular Information

Students work closely with a faculty advisor from the Center for Asian Research to develop a cohesive curriculum tailored to their individual goals and interests.

Some of the coursework from the discipline in which the student is earning a graduate degree may be used to satisfy these requirements.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Graduate students currently enrolled in any discipline may pursue a certificate in Asian studies in conjunction with their degree program.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. For more information, students should visit <https://admission.asu.edu/international/graduate/english-proficiency> (<https://admission.asu.edu/international/graduate/english-proficiency>).

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission be considered for admission to this certificate program.

Contact Information:

Liberal Arts & Sciences, The College of
Historical, Philosophical & Religious Studies, Sch
<https://shprs.asu.edu/content/asian-studies-graduate-certificate>
COOR 6613
asia@asu.edu
480-727-0968

Astrophysics, PHD (LAASSTPHPHD)

Online Degree Search Title: Astrophysics, PhD

Campus: Tempe

Program Description:

The PhD program in astrophysics is designed to develop creative scholarship and prepare students for professional careers in astrophysics, astronomy or related fields.

Graduate students in astrophysics become leaders in observational and theoretical research; they participate in NASA- and NSF-funded space missions and study topics such as how stars are born and die, how galaxies interact and evolve, and how the universe changed as it developed from its earliest beginnings.

The program's world-class faculty have research expertise across the full breadth of astrophysics including the solar system, stars, and galaxies from the Milky Way to the most distant galaxies in the universe. Current ASU research applies both computational and observational approaches to the exploration of a range of topics such as fundamental cosmology and whether there is life on exoplanets.

Degree Requirements:

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (1 credit hour)

SES 502 Exploring SESE Research (1)

Electives or Research (51 credit hours)

Other Requirements (20 credit hours)*

AST 521 Stars and Interstellar Medium I (3)

AST 522 Stars and Interstellar Medium II (3)

AST 523 Stars and Interstellar Medium III (3)

AST 531 Galaxies and Cosmology I (3)

AST 532 Galaxies and Cosmology II (3)
AST 533 Galaxies and Cosmology III (3)
AST 591 Seminar: Astrophysics (1)
SES 501 SESE Colloquium (1)

Culminating Experience (12 credit hours)
SES 799 Dissertation (12)

Additional Curriculum Information

When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree in a related field to be used for this degree.

*Substitutions for Other Requirements may be made per departmental approval.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admissions application and application fee
- official transcripts
- statement of purpose
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Applicants should see the program website for application deadlines.

Contact Information:

Liberal Arts & Sciences, The College of
School of Earth and Space Exploration
<https://sese.asu.edu/degrees/graduate/astrophysics-phd>
ISTB4 795
sese-grad@asu.edu
480-965-5081

Astrophysics and Astronomy, MS (LAASPHMS)

Online Degree Search Title: Astrophysics and Astronomy, MS

Campus: Tempe

Program Description:

This MS program provides fundamental graduate training in astrophysics and astronomy. It prepares candidates for further graduate study or for careers in related fields such as scientific staff positions at government laboratories, teaching at the community college level and technical positions in industry.

Degree Requirements:

30 credit hours and a thesis.

Required Core (1 credit hour)
SES 502 Exploring SESE Research (1)

Electives or Research (3 credit hours)

Other Requirements (20 credit hours)

AST 521 Stars and Interstellar Medium I (3)
AST 522 Stars and Interstellar Medium II (3)
AST 523 Stars and Interstellar Medium III (3)
AST 531 Galaxies and Cosmology I (3)
AST 532 Galaxies and Cosmology II (3)
AST 533 Galaxies and Cosmology III (3)
AST 591 Seminar: Astrophysics (1)
SES 501 SESE Colloquium (1)

Culminating Experience (6 credit hours)
SES 599 Thesis (6)

Additional Curricular Information

For other requirement courses, substitutions may be made per department approval.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admissions application and application fee
- official transcripts
- statement of purpose
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Students should see the program website for application deadlines.

Contact Information:

Liberal Arts & Sciences, The College of
School of Earth and Space Exploration
<https://sese.asu.edu/degrees/graduate/astrophysics-astronomy-ms>
ISTB4 795
sese-grad@asu.edu
480-965-5081

Atmospheric Science (certificate), Certificate (LAATMOSCE)

Online Degree Search Title: Atmospheric Science (Graduate Certificate)

Campus: Tempe

This program is not currently accepting applications.

Program Description:

The transdisciplinary certificate in atmospheric science is administered by an executive committee composed of faculty from the Ira A. Fulton Schools of Engineering and The College of Liberal Arts and Sciences. The objective of this program is to recognize Arizona State University graduate students who complete a dissertation on a topic related to the atmospheric or oceanic sciences under the supervision of a faculty member from one of the cooperating departments.

Degree Requirements:

16 credit hours.

A minimum of 16 credit hours will be required in order to qualify for the atmospheric science certificate, consisting of:

three 3 credit hour courses from a list of courses in the core disciplines (9)

two 3 credit hour courses from a list of electives at the 400 level or above (6)
a capstone seminar (1)

Considering the diversity of courses and in order to ensure a transdisciplinary flavor, all prospective recipients have the certificate program approved by the certificate executive committee. Certificates only are awarded to students who are enrolled in an MA, MS, MNS or PhD program at ASU. The student's thesis or dissertation must also be related to some aspect of atmospheric science.

The core courses are offered at least once every other year, so the certificate may be completed within two years.

Specific requirements are:

approval by the certificate committee of the student's proposed course selection
completion of one course from each of the core disciplines with a grade of "B" (3.00) or better
completion of two courses from the list of electives with a grade of "B" (3.00) or better
completion of the capstone seminar, which is one credit hour
completion of a dissertation on a topic related to the atmospheric or oceanic sciences

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- resume
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission be considered for admission to this certificate program.

Contact Information:

Liberal Arts & Sciences, The College of
School of Geographical Sciences and Urban Planning
<https://sgsup.asu.edu/degree-programs/graduate-certificates>
COOR 5671
SGSUP.gradprograms@asu.edu
480-965-7533

Biochemistry, MS (LABIOCHMS)

Online Degree Search Title: Biochemistry, MS

Campus: Tempe

ASU is not currently accepting applications for this program.

Program Description:

Students earning an MS degree in biochemistry in the School of Molecular Sciences are trained in the fundamental aspects of the discipline, but most also choose to learn by joining transdisciplinary teams that work on larger, mission-based contemporary problems in areas such as:

- biogeochemistry
- energy and sustainability
- fundamental chemical biology
- materials and nanoscience
- medicine and health

- structure function and dynamics

The master's degree program in biochemistry in the School of Molecular Sciences provides students with the training they need to solve biological problems at the molecular scale and to contribute to research in current challenging societal issues.

Degree Requirements:

30 credit hours and a thesis.

500-level or above courses as approved by the school (12)

BCH 501 or CHM 501 Seminar or other seminar course as approved by the school (4)

BCH 592 Research courses (8)

BCH 599 Thesis (6)

Additional Curricular Information

The program consists of coursework and seminars selected by the student in consultation with the student's supervisory committee and based on the student's area of research. A written thesis is required and must be successfully defended during a public final oral defense. Students must maintain a minimum GPA of 3.00 (scale is 4.00 = "A") or better.

A program fee in the amount of \$300 per semester is required in addition to the normal tuition costs.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in chemistry, biochemistry, or closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- personal statement
- GRE scores
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Contact Information:

Liberal Arts & Sciences, The College of

School of Molecular Sciences

<https://sms.asu.edu/graduate-study>

PSD 102

smsggrad@asu.edu

480-965-4664

Biochemistry, PHD (LABIOCHPHD)

Online Degree Search Title: Biochemistry, PhD

Campus: Tempe

Program Description:

The PhD program in biochemistry through the School of Molecular Sciences provides students with the training they need to solve biological problems at the molecular scale and to be successful, independent scientists who can contribute to current challenging societal issues. Students earning a doctoral degree in biochemistry are fully trained in all fundamental aspects of the discipline. Most also choose to join transdisciplinary teams that work on larger, mission-based contemporary problems in areas such as biogeochemistry, energy and sustainability, fundamental chemical biology, materials and nanoscience, medicine and health, and structure function and dynamics.

Students should visit the prospective student site (<https://sms.asu.edu/graduate-study> (<https://sms.asu.edu/graduate-study/>)) to learn more about this doctoral program and the graduate research page (<https://sms.asu.edu/graduate-study/>)
Academic Catalog Archive 2020-2021

research) to learn more about the cutting-edge, transdisciplinary research being conducted in the School of Molecular Sciences. The doctoral program in biochemistry prepares students for professional careers in industry, government and academia.

Degree Requirements:

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

six graduate-level courses (12-18)

enrollment in a BCH 501/CHM 501 seminar each semester (8)

BCH 792 Research (46-52)

BCH 799 Dissertation (12)

Additional Curriculum Information

The program consists of coursework and seminars selected by the student in consultation with the student's supervisory committee and based on the student's area of research. Qualifying exams consisting of a written comprehensive exam, an oral comprehensive exam and a prospectus are required to advance to candidacy. Students must successfully defend their dissertation during a public final oral defense. Students must also maintain a minimum GPA of 3.00 (scale is 4.00 = "A") or better.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in chemistry, biochemistry, or closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- personal statement
- GRE scores
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

In addition to the admission application, applicants must complete an online supplemental application to the School of Molecular Sciences. The supplemental application is available 24 to 48 hours after submission of the admission application. The personal statement and contact information for the letters of recommendation are submitted as part of the supplemental application. Information about the supplemental application can be found on the department's website. Applications lacking a supplemental application are not reviewed.

Contact Information:

Liberal Arts & Sciences, The College of
School of Molecular Sciences

<https://sms.asu.edu/degrees/grad/biochemistry-phd>

PSD 102

smsgad@asu.edu

480-965-4664

Biochemistry (Medicinal Biochemistry), MS (LABCHMCMS)

Online Degree Search Title: Biochemistry (Medicinal Chemistry), MS

Campus: Tempe

Program Description:

The faculty in the School of Molecular Sciences offer a program leading to the MS in biochemistry with a concentration in medicinal chemistry. This program is intended for students who plan to continue their educational training in pharmacy or medical school or in a related field and want to expand their background knowledge in biochemistry before beginning their professional education.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and

master's degree with:

- Biochemistry, BS
- Biochemistry (Medicinal Chemistry), BS
- Chemistry, BS
- Molecular Biosciences and Biotechnology, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

30 credit hours including the required applied project (research paper) course (CHM 593 or BCH 593).

A minimum of 30 credit hours are required, including coursework, seminars, research and an applied project consisting of a written research paper. Courses are selected by students in consultation with their supervisory committee based on the research area.

The Master of Science in biochemistry is awarded when the student has obtained a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in coursework, demonstrated quality performance in the laboratory and completion of the research project, completed and presented an approved research paper at an oral defense to the student's supervisory committee, and met all deadline dates and requirements set by the Graduate College.

A program fee in the amount of \$300 per semester is required in addition to the normal tuition.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in chemistry, biochemistry, or closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- personal statement
- GRE scores
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Applicants interested in pursuing the accelerated degree program should review the requirements and submit a pre-application found on the School of Molecular Sciences website prior to submitting a formal Graduate Admission Services application to the degree program.

Contact Information:

Liberal Arts & Sciences, The College of
School of Molecular Sciences
<https://sms.asu.edu/degrees/grad/biochemistry-ms>
PSD 102
smsgrad@asu.edu
480-965-4664

Biology, MS (LABIOMS)

Online Degree Search Title: Biology, MS

Campus: Tempe

Program Description:

This MS in biology is a flexible program based in research and around a student's individual research interests, allowing students to explore areas of biology that thrive outside of traditional boundaries. This master's program is designed to prepare students for careers in teaching and research in educational, medical, industrial and governmental institutions.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Biological Sciences, BS
- Biological Sciences (Biology and Society), BS
- Biological Sciences (Biomedical Sciences), BS
- Biological Sciences (Conservation Biology and Ecology), BS
- Biological Sciences (Genetics, Cell and Developmental Biology), BS
- Biological Sciences (Neurobiology, Physiology and Behavior), BS
- Microbiology, BS
- Microbiology (Medical Microbiology), BS
- Molecular Biosciences and Biotechnology, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

30 credit hours and a thesis.

Each student's plan is prepared in consultation with the supervisory committee, consisting of a professor in the major and two additional faculty members. A typical plan of study consists of:

- research credit (8-14 credit hours)
- coursework and additional seminars (9-15 credit hours)
- seminar (1 credit hour)
- thesis (6 credit hours)

The remainder of the plan of study usually consists of a mixture of coursework, readings, conferences and seminars in the student's primary and related fields, and research credits.

Courses and research credits can be distributed in any combination appropriate to the student's individual educational goals. A final oral examination covering the thesis and related subject matter is administered by the supervisory committee.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in biology or a related discipline, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants must submit the following:

- graduate admission application and application fee
- official transcripts
- academic record form
- personal statement
- curriculum vitae or resume
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

It is desired that applicants have research experience.

Contact Information:

Liberal Arts & Sciences, The College of
School of Life Sciences
<https://sols.asu.edu/degrees/grad/biology-ms>
LSA 181
sols.grad@asu.edu
480-965-1768

Biology, PHD (LABIOPHD)

Online Degree Search Title: Biology, PhD

Campus: Tempe

Program Description:

The PhD program in biology offers individualized courses of study tailored to students interests that include laboratory, field and theoretical work. Flexibility in the program is achieved by requiring only one core class, which is a choice between two topics that cover the breadth of the research directions in this program.

Electives are also as flexible as possible and include areas outside of biology. The major goal is to provide opportunities to create an adaptable and general degree program that allows both traditional and interdisciplinary approaches in any area of biology.

Degree Requirements:

84 credit hours, a oral comprehensive exam, a written comprehensive exam, a prospectus and a dissertation.

Required Core (3-4 credit hours)

BIO 614 Biometry (4) or

BIO 620 Research Prospectus Writing (3)

Electives (68-69 credit hours)

Culminating Experience (12 credit hours)

BIO 799 Dissertation (12)

Additional Curriculum Information

The program is tailored to the needs of the individual student. The plan of study is developed by the student and a supervisory committee consisting of a major professor and three additional faculty members. The electives credit hours are comprised of coursework showing breadth in biology subdisciplines, seminars and research.

An oral comprehensive examination is required in order to advance to candidacy and a formal defense of the final written dissertation is required prior to graduation.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in biology or a related discipline from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants must submit the following:

- graduate admission application and application fee
- official transcripts
- academic record form
- personal statement
- curriculum vitae or resume
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Research experienced is desired for entry into this program.

Contact Information:

Liberal Arts & Sciences, The College of

School of Life Sciences

<https://sols.asu.edu/degrees/grad/biology-phd>

LSA 181

sols.grad@asu.edu

Biology (Biology and Society), MS (LABIOSMS)

Online Degree Search Title: Biology (Biology and Society), MS

Campus: Tempe

Program Description:

In the biology and society concentration of the MS program in biology, students examine topics where biology intersects with society. The concentration tailors individual plans of study to individual needs and interests, with a solid grounding in the life and related sciences and with a rigorous analytical and interdisciplinary education. The program offers suggested courses for those wishing to focus on these areas: bioethics, policy and law; biology education research; ecology, economics and ethics of the environment; and history and philosophy of science.

Bioethics, policy and law --- Students are trained in the pressing moral, policy and legal issues raised by the biosciences and biomedicine and in the disciplinary methods necessary to address these issues.

Biology education research --- This focuses on using education research to identify ways to improve undergraduate biology education broadly.

Ecology, economics and ethics of the environment --- This area trains students in the theory and empirical methods for understanding, analyzing and shaping policy for coupled human-natural systems.

History and philosophy of science --- Students are trained in the conceptual foundations of science, especially the epistemological and methodological assumptions that shape science and its progress.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Biological Sciences, BS
- Biological Sciences (Biology and Society), BS
- Biological Sciences (Conservation Biology and Ecology), BS
- Biological Sciences (Genetics, Cell and Developmental Biology), BS
- Biological Sciences (Neurobiology, Physiology and Behavior), BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

30 credit hours and a thesis.

An individual student plan is developed in consultation with the student's advisor and committee.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- academic record form
- personal statement
- curriculum vitae or resume
- writing sample
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Students are expected to have completed the equivalent of core requirements for an undergraduate major in biology or a related discipline (typically evolution, genetics and other courses appropriate to the student's particular interests). Students without an undergraduate-level competency in the

sciences may be considered for conditional admission to the biology and society concentration.

Contact Information:

Liberal Arts & Sciences, The College of
School of Life Sciences
<https://sols.asu.edu/degrees/grad/biology-biology-society-ms>
LSA 181
sols.grad@asu.edu
480-965-1768

Biology (Biology and Society), PHD (LABIOSPHD)

Online Degree Search Title: Biology (Biology and Society), PhD

Campus: Tempe

Program Description:

In the biology and society concentration of the PhD program in biology, students examine topics with biological and social dimensions that are best understood together rather than in isolation. The concentration provides plans of study tailored to individual needs and interests. It encompasses a solid foundation in life sciences and related sciences and provides a rigorous analytical and interdisciplinary education. Students may further specialize in one of four tracks:

Bioethics, policy and law --- This track focuses on pressing moral, policy and legal issues raised by biosciences and biomedicine and on the methods needed to address them.

History and philosophy of science --- This track focuses on the conceptual foundations of science, especially the epistemological and methodological assumptions that shape science and its progress.

Ecology, economics and ethics of the environment --- This track focuses on the theory and empirical methods for understanding, analyzing and shaping policy that steer society toward a more productive, equitable and sustainable ecological future.

Biology education research --- This track focuses on using education research to identify ways to broadly improve undergraduate biology education.

Degree Requirements:

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (3-4 credit hours)

BIO 614 Biometry (4) or

BIO 620 Research Prospectus Writing (3)

Electives (68-69 credit hours)

Culminating Experience (12 credit hours)

BIO 799 Dissertation (12)

Additional Curriculum Information

An individual student program is developed in consultation with the student's advisor and committee.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution. Students are expected to have completed the equivalent of core requirements for an undergraduate major in biology or a related discipline (typically evolution, genetics and other courses appropriate to the student's particular interests). Students without an undergraduate-level competency in the sciences may be considered for conditional admission to the biology and society concentration.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- academic record form

- personal statement
- curriculum vitae or resume
- writing sample
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Contact Information:

Liberal Arts & Sciences, The College of
 School of Life Sciences
<https://sols.asu.edu/degrees/grad/biology-biology-society-phd>
 LSA 181
sols.grad@asu.edu
 480-965-1768

Biology (Complex Adaptive Systems Science), PHD (LABIOCPHD)

Online Degree Search Title: Biology (Complex Adaptive Systems Science), PhD

Campus: Tempe

Program Description:

The PhD program in biology with a concentration in complex adaptive systems science trains the next generation of scientists in advanced concepts and methods needed for approaching diverse phenomena in the social and life sciences.

The program is tightly integrated with diverse, ongoing university-wide research on complex adaptive system science at Arizona State University and emphasizes the value of a complex adaptive perspective to give better insight and a more active role in seeking solutions to a broad array of critical issues facing society today. Students become fluent in the common language of complexity while also receiving a solid foundation in the domain knowledge of existing academic disciplines.

Degree Requirements:

84 credit hours, a written comprehensive exam, a prospectus and a dissertation.

Student doctoral dissertations should include the application of complex adaptive systems concepts and methods in their field of study, and candidates typically have a member of the complex adaptive systems science graduate faculty as a member of the doctoral supervisory committee.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit the following:

- graduate admission application and application fee
- official transcripts
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Only students admitted to participating doctoral programs may apply for a complex adaptive systems concentration. A letter of application from the student must be sent to the chair of the complex adaptive systems science graduate faculty. The application is reviewed by members of the graduate faculty who make final admission recommendations to the Graduate College.

Contact Information:

Liberal Arts & Sciences, The College of
 School of Life Sciences
<https://sols.asu.edu>

LSA 181
sols.grad@asu.edu
480-965-1768

Chemistry, MS (LACHEMMS)

Online Degree Search Title: Chemistry, MS

Campus: Tempe

ASU is not currently accepting applications for this program.

Program Description:

Students earning an MS degree in chemistry in the School of Molecular Sciences are trained in the foundation disciplines of analytical, organic, physical, inorganic, and environmental chemistry and geochemistry. Most will also choose to learn by joining transdisciplinary research teams that work on larger, mission-based contemporary problems in areas such as:

- energy and sustainability
- frontiers of chemical measurement
- fundamental molecular science
- geologic and biospheric science
- materials and nanoscience
- medicine and health
- structure function and dynamics

The master's degree program in chemistry provides students with the training they need to solve molecular scale problems and to contribute to research in current challenging societal issues.

Degree Requirements:

30 credit hours and a thesis.

500-level or above courses as approved by the school (12)

BCH 501 or CHM 501 Seminar or other seminar course as approved by the school (4)

CHM 592 Research (8)

CHM 599 Thesis (6)

Additional Curriculum Information

The program consists of coursework and seminars selected by the student in consultation with the student's supervisory committee and based on the student's area of research. A written thesis is required and must be successfully defended during a public final oral defense. Students must maintain a minimum GPA of 3.00 (scale is 4.00 = "A") or better.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in chemistry, biochemistry, or closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- personal statement
- GRE scores
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Contact Information:

Liberal Arts & Sciences, The College of
School of Molecular Sciences
<https://sms.asu.edu/graduate-study>

PSD 102
smsgrad@asu.edu
480-965-4664

Chemistry, PHD (LACHEMPHD)

Online Degree Search Title: Chemistry, PhD

Campus: Tempe

Program Description:

The PhD in chemistry in the School of Molecular Sciences provides students with the training they need to solve molecular scale problems and to be successful independent scientists who can contribute to current challenging societal issues.

Students earning a doctorate in chemistry from the School of Molecular Sciences are trained in the foundation disciplines of analytical, organic, physical, inorganic, environmental or geological chemistry, and most also choose to join transdisciplinary research teams that work on larger, mission-based contemporary problems in areas such as:

- energy and sustainability
- frontiers of chemical measurement
- fundamental molecular science
- geologic and biospheric science
- materials and nanoscience
- medicine and health
- structure function and dynamics

Students should visit the prospective student page (<https://sms.asu.edu/graduate-study> (<https://sms.asu.edu/graduate-study>)) to learn more about this doctoral program and the graduate research page (<https://sms.asu.edu/graduate-study/research>) to learn about the cutting-edge, transdisciplinary research being conducted in the school. The doctoral program in chemistry prepares students for professional careers in industry, government and academia.

Degree Requirements:

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

six graduate-level courses (12-18)
enrollment in a BCH 501 or CHM 501 seminar each semester (8)
CHM 792 Research (46-52)
CHM 799 Dissertation (12)

Additional Curriculum Information

The program consists of coursework and seminars selected by the student in consultation with the student's supervisory committee and based on the student's area of research.

Qualifying exams consisting of a written comprehensive exam, an oral comprehensive exam and a prospectus are required to advance to candidacy. Students must successfully defend their dissertation during a public final oral defense.

Students must also maintain a minimum GPA of 3.00 (scale is 4.00 = "A") or better.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in chemistry, biochemistry or a closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- personal statement
- GRE scores
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

In addition to the admission application, applicants must complete an online supplemental application to the School of Molecular Sciences. The supplemental application is available 24 to 48 hours after submission of the admission application. The personal statement and contact information for the letters of recommendation are submitted as part of the supplemental application. Information about the supplemental application can be found on the School of Molecular Sciences website. Applications lacking a supplemental application are not reviewed.

Contact Information:

Liberal Arts & Sciences, The College of
School of Molecular Sciences
<https://sms.asu.edu/degrees/grad/chemistry-phd>
PSD 102
smsgrad@asu.edu
480-965-4664

Classical Liberal Education and Leadership, MA (LACLEDLMA)

Online Degree Search Title: Classical Liberal Education and Leadership, MA

Campus: Tempe

Program Description:

The MA program in classical liberal education and leadership, offered by the School of Civic and Economic Thought and Leadership, immerses students in timeless conversations about the big questions of human life.

All classes are taught through the Socratic discussion method, and students are provided with regular opportunities to hone their pedagogical leadership skills by leading select course meetings and receiving feedback on their progress as Socratic discussants. As in most graduate programs in the humanities and social sciences, students are evaluated primarily through written assignments that evidence careful thought and reflection, argumentation and textual analysis. Courses are offered across a wide range of subject areas including literature, politics, philosophy, mathematics and science, and leadership.

Degree Requirements:

30 credit hours including a thesis.

Required Core (15 credit hours)

CEL 501 Literary Leaders (3)

CEL 503 Classic Texts in Political Philosophy and Justice (3)

CEL 510 Classic Texts in Natural Science and Philosophy (3)

CEL 513 Classic Texts in Leadership and Statesmanship (3)

CEL 520 Classic Texts in the Foundations of Logic (3)

Restricted Elective (3 credit hours)

Open Electives or Research (12 credit hours)

Culminating Experience (6 credit hours)

CEL 599 Thesis (6)

Additional Curriculum Information

For the restricted elective, students select one course from an approved list. Students should see the School of Civic and Economic Thought and Leadership for the most current list. Other courses may be substituted with approval of the academic unit.

Open electives and research are selected in consultation with the academic advisor.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in liberal arts, political science, history, philosophy, theology, the natural sciences or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:

- graduate admission application and application fee
- official transcripts
- written statement
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Contact Information:

Liberal Arts & Sciences, The College of
School of Civic & Economic Thought and Leadership
<https://scetl.asu.edu>
Coor Hall, 6th Floor
scetlgraduate@asu.edu
480-965-0155

Communication, MA (LACOMMOMA)

Online Degree Search Title: Communication, MA

Campus: Online

Program Description:

The MA program in communication is designed to provide professionals with advanced training in the theory and practice of communication, preparing them for success in their careers and a dynamic job market.

The flexible delivery offers easy access to a rigorous education that delivers instruction in social influence, global communication, best workplaces practices and more. The program includes a culminating experience that allows students to focus their training in their areas of interest.

Degree Requirements:

30 credit hours including the required capstone course (COM 550).

Required Core (9 credit hours)

- COM 501 Research Methods in Communication (3)
- COM 504 Theories and Models in Communication (3)
- COM 540 Conducting Communication Research (3)

Other Requirements (18 credit hours)

- COM 598 Topic: Communication and Conflict Transformation (3)
- COM 598 Topic: Communication and Gender (3)
- COM 598 Topic: Communication in Global Contexts (3)
- COM 598 Topic: Communication in the Workplace (3)
- COM 598 Topic: Crisis Management and Communication (3)
- COM 598 Topic: Negotiation Theory and Practice (3)
- COM 598 Topic: Social Influence and Persuasion (3)
- COM 598 Topic: Training and Development (3)

Culminating Experience (3 credit hours)

- COM 550 Capstone (3)

Additional Curriculum Information

For the Other Requirements, students must choose 18 credit hours of COM 598 topics.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in communication or a closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/graduate/communication-ma/>)

Contact Information:

Liberal Arts & Sciences, The College of
Hugh Downs School of Human Communication
<https://humancommunication.asu.edu/>
STAUF A412
MACOMAPP@asu.edu
480-799-5000

Communication, PHD (LACOMMOPHD)

Online Degree Search Title: Communication, PhD

Campus: Tempe

Program Description:

The Hugh Downs School of Human Communication offers a transdisciplinary graduate program leading to the PhD in communication.

This program provides coursework and resources in interpersonal communication, intercultural communication, organizational communication, health communication, rhetoric and performance studies. Students receive training in communication theory, research methodology and multiple areas of emphasis, and they actively participate in one or more of the School's collaborative research initiatives.

The program is designed to meet the needs of students whose interests transcend traditional disciplinary boundaries and to prepare scholars for research-oriented careers in universities and in the public or private sectors.

Degree Requirements:

96 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (9 credit hours)

COM 604 Theory Construction in Communication (3)

Choose two:

COM 607 Contemporary Rhetorical Methods (3)

COM 608 Multivariate Statistical Analysis of Data in Communication (3)

COM 609 Advanced Qualitative Research Methods in Communication (3)

Electives (45 credit hours)

Other Requirements (24 credit hours)

COM 691 Seminar (24)

Research (6 credit hours)

COM 792 Research (6)

Culminating Experience (12 credit hours)

COM 799 Dissertation (12)

Additional Curriculum Information

When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used for this degree; 66 credit hours are required beyond an appropriate master's degree.

At least six elective credit hours must be coursework outside of the communication field.

Required are 24 credit hours of various COM 691 Seminar topics.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants must submit:

- graduate admission application and application fee
- official transcripts
- resume or curriculum vitae
- statement of goals
- three letters of recommendation
- writing sample
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Applicants should visit the Hugh Downs School of Human Communication website for further details.

Contact Information:

Liberal Arts & Sciences, The College of
Hugh Downs School of Human Communication
<https://humancommunication.asu.edu/degrees/communication-phd>
STAUF A412
PHDCOM@asu.edu
480-965-5096

Comparative Culture and Language, PHD (LAILCPHD)

Online Degree Search Title: Comparative Culture and Language, PhD

Campus: Tempe

This program's name has changed effective Fall 2020. The previous name was International Letters and Cultures.

Program Description:

The PhD program in comparative culture and language offers professional training that is linguistically well-grounded, historically and culturally informed, and methodologically transdisciplinary through courses and supervision of research. Central to the program is the critical inquiry of primary texts, media and cultural expressions, aiming at an original understanding of cultures and social groups in their formations, interactions and transformations throughout history.

This degree program is attentive to the various roles of language in societies and in the different perspectives through which language can be studied --- among other aspects, its variations, transformations, hybridizations and processes of acquisition. The doctorate in comparative culture and language focuses particularly on research questions and themes that cannot be fully explored within the traditional disciplinary boundaries; instead, it fosters dynamic collaboration across disciplines in order to engage in the production of knowledge that is crucial to understanding transnational and transcultural interactions across time and space.

The program provides an innovative intellectual platform that advances transdisciplinary research and teaching. In consultation with their advisor, students arrange their coursework in a primary and a secondary area of emphasis. Both areas are organized around interdisciplinary study and research in more than one language. Advanced language requirements vary depending on chosen areas of research. Sample programs of study might include a primary emphasis area in medieval theater and a secondary emphasis area in medieval book culture, with a focus on France and Italy, or students might study multilingualism from a comparative sociolinguistic perspective, comparing trilingual communities like the Yaquis in Arizona and the Uros in Bolivia. Faculty members are drawn from various departments and programs in the humanities and social sciences.

Degree Requirements:

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (3 credit hours)

SLC 602 Comparative Cultural Theory (3)

Restricted Electives (36 credit hours)

primary field of study (18)

secondary field of study (18)

Elective and Research (21 credit hours)

Foreign Language (12 credit hours)

Culminating Experience (12 credit hours)

SLC 799 Dissertation (12)

Additional Curriculum Information

Students should see the academic unit for a complete list of approved courses.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.30 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative of GPA 3.30 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- personal statement
- resume or curriculum vitae
- writing sample
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The personal statement should describe the questions, issues, or challenges the student plans to explore through the doctoral program in comparative culture and language and explain how previous studies, training, or professional experiences prepare the student for this research. It should include a proposed plan of study based on the current graduate-level offerings at ASU. In a brief statement, the student should indicate how those courses will be preparation for the dissertation, how the plan fits with the description and goals of this doctoral program, and why the proposed program does not fit some other degree program.

Applicants must provide a 15- to 20-page writing sample in English; a writing sample in the primary language of interest may also be requested at

the discretion of the admissions committee. The writing sample should reflect the student's analytical and critical skills.

Contact Information:

Liberal Arts & Sciences, The College of
School of International Letters and Cultures
<https://silc.asu.edu/degrees/grad/international-letters-and-cultures-phd>
LL 440
silc@asu.edu
480-965-6281

Computational Life Sciences (Certificate), Certificate (LACMLSGRCT)

Online Degree Search Title: Computational Life Sciences (Graduate Certificate)

Campus: Tempe

Program Description:

Students in the computational life sciences graduate certificate program develop expertise in the understanding, interpretation and analysis of diverse data types generated from a variety of life sciences disciplines, including ecology, botany, evolutionary biology, neuroscience, molecular and cellular biology, and animal behavior.

Degree Requirements:

16 credit hours including a portfolio.

Required Core (1 credit hour)

BIO 611 Current Topics in Responsible Conduct of Research (RCR) in Life Sciences (1)

Electives (15 credit hours)

Culminating Experience (0 credit hours)

portfolio (0)

Additional Curriculum Information

Elective coursework is selected from a restricted list in consultation with the academic unit.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in life sciences or related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:

- graduate admission application and application fee
- official transcripts
- written statement
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The written statement should discuss the applicant's future career goals, to better assist the student with selecting the most applicable set of courses in computational life sciences.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the U.S. on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

Contact Information:

Liberal Arts & Sciences, The College of

School of Life Sciences
https://sols.asu.edu
LSA 181
sols.grad@asu.edu
480-965-7490

Computer-Assisted Language Learning (Certificate), Certificate (LACALLGRCT)

Online Degree Search Title: Computer-Assisted Language Learning (Graduate Certificate)

Campus: Tempe

Program Description:

The graduate certificate program in computer-assisted language learning focuses on the application of technology in foreign language teaching and research.

The program teaches the practical, hands-on skills needed to create and evaluate learning and teaching materials with new computer-based technologies. Students learn how to use technology effectively to facilitate instructed second-language acquisition and how to develop, manage and maintain a cutting-edge language computing facility. The program also provides students with a solid theoretical and pedagogical framework for the integration of technology into the foreign language curriculum and provides them with the tools necessary to teach language courses in either a hybrid or distance-learning environment.

Degree Requirements:

15 credit hours.

Required Core (6 credit hours)

ENG 557 Computer-Assisted Language Learning (3)

SLC 510 Computer-Assisted Language Learning Praxis (3)

Restricted Electives (3 credit hours)

LIN 520 Second-Language Acquisition Theories (3) OR

SLC 515 Second-Language Acquisition (3)

Electives (6 credit hours)

Additional Curriculum Information

For restricted electives, students may select an approved second language acquisition course equivalent to LIN 520 or SLC 515 with department approval.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned from a regionally accredited institution a bachelor's or master's degree with a major or minor in foreign language study, English or English education.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- personal statement
- resume or curriculum vitae
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the U.S. on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

Students may apply for admission to the certificate program once they have been accepted into a graduate degree program in the School of International Letters and Cultures or other school or department at ASU.

Applicants must have an undergraduate major in the language they will teach or be native speakers of the language they will teach, or they must have a minor or ASU minor equivalency as determined by SILC policies (18 upper-division credit hours, including at least three credit hours from the 400 level in their undergraduate program). Current graduate student applicants who do not meet the language requirements must be enrolled in a foreign language graduate program, the Teaching English to Speakers of Other Languages program, an applied linguistics graduate program, or a closely related field (determined by the directors). A teaching certification is not required as this certificate program is open to graduate students with an interest in computer-assisted language learning and who meet the admission requirements.

Applicants must have completed an introduction to linguistics or applied linguistics course at the time of application (to be verified by the certificate directors). The course does not count toward the 15 credit hours required for the certificate.

Applicants must complete a language teaching methods course (to be verified by the certificate directors). This course also may be taken at ASU prior to completion of the certificate program. The course does not count toward the 15 credit hours required for the certificate.

Contact Information:

Liberal Arts & Sciences, The College of
School of International Letters and Cultures
<https://silc.asu.edu/>
LL 62A
silc@asu.edu
480-965-6281

Creative Writing, MFA (LACWRITMFA)

Online Degree Search Title: Creative Writing, MFA

Campus: Tempe

Program Description:

The MFA in creative writing at ASU has always been an unwaveringly student-first program. Through small classes, intimate workshops or one-to-one mentoring, the centuries-old apprenticeship model thrives within the New American University. Poets and fiction writers work with outstanding faculty who have published more than 80 books and garnered national and international attention through awards that include:

- Guggenheim, Howard Foundation, and National Endowment for the Arts fellowships
- International Griffin Poetry Prize
- Pulitzer Prize
- two Medals of Achievement from the National Society of Arts and Letters
- Walt Whitman Award from the Academy of American Poets

Additionally, in concert with the Master of Fine Arts program, the Virginia G. Piper Center for Creative Writing offers students a variety of creative and global fellowship opportunities each year, including two teaching fellowships in Singapore; two creative research fellowships to provide support for summer writing projects; and other generous forms of support that include graduate assistantships, travel scholarships, professional development support, and other teaching and leadership opportunities.

Furthermore, students have access to a variety of professional development opportunities, including serving on the editorial board of an international literary journal, Hayden's Ferry Review and internships with Four Way Books.

Degree Requirements:

48 credit hours, a written comprehensive exam, and an applied project (ENG 593).

Coursework (39 credit hours)

Other Requirement (6 credit hours)

ENG 592 Research (6)

Culminating Experience (3 credit hours)

ENG 593 Applied Project (3)

Additional Curriculum Information

The creative writing program requires 48 credit hours of study evenly divided between writing courses and literature courses designed to inform that writing.

While students are expected to satisfy these requirements in the genre in which they were accepted, the program encourages cross-genre study and electives can include courses taken outside of the creative writing program, even outside the English department.

A written comprehensive exam and an applied project are required.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution. Applicants should have an undergraduate major in English or creative writing; however, exceptional students who do not have either of these undergraduate majors may be admitted on the basis of writing excellence.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00= "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- statement of purpose
- resume or curriculum vitae
- three letters of recommendation
- creative manuscript
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Students applying for a teaching assistantship must submit a statement of teaching philosophy and an academic writing sample.

The personal statement should include the applicant's writing background, intended area of specialization, a brief self-evaluation of recent work and the applicant's goals. The statement should be single-spaced, up to 1000 words.

The creative manuscript should be up to 20 pages of poetry or up to 30 pages of prose (prose should be double-spaced).

The three letters of recommendation must consist of one copy of each letter from three recommenders.

Applicants should see the Department of English website for details.

Contact Information:

Liberal Arts & Sciences, The College of

Department of English

<https://english.asu.edu/degrees/grad/creative-writing-masters-fine-arts>

RBHL 152

enggrad@asu.edu

480-727-9130

Critical Theory (certificate), Certificate (LACRTGRCT)

Online Degree Search Title: Critical Theory (Graduate Certificate)

Campus: Tempe, West

Program Description:

The certificate in critical theory provides students with historical and thematic approaches to critical theory and promotes the skills required for the interpretation and production of concepts based in continental philosophy and used broadly in the arts, humanities and social sciences. Students learn about key thinkers and movements in critical theory. Such theory offers tools for creating a critical engagement with society and culture, for interpreting social and cultural objects and texts and for the production of new theoretical ideas.

This transdisciplinary certificate program provides opportunities to study theoretical approaches as applied across a wide range of arts, humanities and social science disciplines.

Degree Requirements:

15 credit hours and a Portfolio.

Required Core (3 credit hours)

ENG 502 Contemporary Critical Theories (3)

Electives (12 credit hours)

Culminating Experience (0 credit hours)
portfolio (0)

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- statement of purpose
- resume or curriculum vitae
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Specific details about English proficiency requirements are available on the Department of English website.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission be considered for admission to this certificate program.

The graduate certificate in critical theory is available to all ASU graduate students irrespective of their major and to nondegree graduate students and working professionals provided they meet eligibility criteria. Sample majors include English; women and gender studies; art history; and, arts, media and engineering.

Eligible applicants must have taken two courses in critical theory or related field at the upper-division undergraduate level (such as ENG 401 Topics in Critical Theory) or at the graduate level (such as ENG 502 Contemporary Critical Theories).

After submitting the online application, applicants must email unofficial transcripts, a brief statement of purpose explaining the student's areas of interest in critical theory, and a resume to the graduate program manager in the Department of English, with this subject line: Critical Theory Certificate Application.

Contact Information:

Liberal Arts & Sciences, The College of
Department of English
<https://english.asu.edu/node/249>
RBHL 125
enggrad@asu.edu
480-965-3194

Digital Humanities (Certificate), Certificate (LACDHGRCT)

Online Degree Search Title: Digital Humanities (Graduate Certificate)

Campus: Tempe

Program Description:

The graduate certificate program in digital humanities provides students with methods and skills central to conducting humanities research that employs both qualitative and quantitative approaches.

The program is designed to promote cross-disciplinary study in humanities and social and computational sciences, and is open to students in all disciplines. The program features training in transdisciplinary collaboration, project-based communication skills, critical theory and the simultaneous application of quantitative and qualitative problem-solving skills.

This certificate highlights an area of excellence within ASU that has emerged across its colleges, schools and departments and is integral to the Academic Catalog Archive 2020-2021

effort of transforming the humanities at ASU into new transdisciplinary configurations.

Degree Requirements:

15 credit hours including an applied project course (CDH 593).

Required Core (3 credit hours)

CDH 501 Digital Humanities: Critical Theory and Methods (3)

Electives (6 credit hours)

Other Requirement (3 credit hours)

CDH 580 Practicum (3)

Culminating Experience (3 credit hours)

CDH 593 Applied Project (3)

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Admission is open to all ASU graduate students enrolled in an existing master's or doctoral program and in good standing. Students who are interested in transdisciplinary work are particularly well-suited for this certificate program.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. The program requires a TOEFL score of at least 600 (PBT) or 100 (iBT).

Students will be asked to outline a desired transdisciplinary area of inquiry. For example, a student who works on digital rhetoric and literacy may want to understand how to create and manage social media data sets or how to create a social media application. Alternatively, a student in School of International Letters and Cultures may want to study digital archives of Slavic literature and may need to understand how digital archives are enmeshed in national and capitalist networks.

Contact Information:

Liberal Arts & Sciences, The College of
School of International Letters and Cultures

<https://silc.asu.edu/degrees/grad>

LL 440

silc@asu.edu

480-965-6281

Disability Studies (Certificate), Certificate (LADISGRCT)

Online Degree Search Title: Disability Studies (Graduate Certificate)

Campus: Tempe

Program Description:

The graduate certificate program in disability studies focuses on the creation of new knowledge and consequent practical implications in the area of disability. It coordinates courses into an individualized systemic plan of study that trains students to conduct disability research. Students examine disability from diverse perspectives, including disability law and justice, cultural politics of disability, family perspectives, as well as research methods in disability studies. The emphasis for students is on examining and creating new theoretical perspectives and methodological approaches at different levels of analysis while analyzing topics of critical importance locally and globally.

Degree Requirements:

15 credit hours.

Required Core (3 credit hours)

JUS 530 Social Policy, Critical Advocacy and Disability (3) or

JUS 565 Critical and Comparative Issues in Disability (3)

Electives (12 credit hours)

Additional Curriculum Information

Students should see the academic unit for the pre-approved list of elective coursework. Other coursework may be used with approval of the academic unit.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in areas such as social sciences, education, social work, law, health care and health care policy or any related field from a regionally accredited institution

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:

- graduate admission application and application fee
- official transcripts
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

Contact Information:

Liberal Arts & Sciences, The College of
School of Social Transformation
<https://sst.asu.edu>
WILSN 125
sstgraduate@asu.edu
480-965-7682

East Asian Languages and Civilizations (Chinese), PHD (LAEALCPHD)

Online Degree Search Title: East Asian Languages and Civilization, PhD

Campus: Tempe

Program Description:

The PhD program in East Asian languages and civilizations is a research-intensive, transdisciplinary, area-based degree in the study of traditional and modern languages and cultures of China. Students may focus on:

- comparative cultural studies
- cultural history
- linguistics
- literary criticism
- literature
- thought

In every case, students are expected to acquire a solid grounding in the classical and modern versions of Chinese.

Degree Requirements:

84 credit hours, two foreign language exams, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (3 credit hours)

CHI 501 Proseminar: East Asian Humanities (3)

Concentration (6 credit hours)

CHI 514 Advanced Classical Chinese (6)

Other Requirements (39 credit hours)

CHI 598 Topic: History of Chinese Literature (I or II) (3)

CHI 598 Topic: History of the Chinese Language (3)

CHI 598 Special Topics (18)

CHI 591 Seminar (15)

Electives (24 credit hours)

Culminating Experience (12 credit hours)

CHI 799 Dissertation (12)

Additional Curriculum Information

18 credit hours of CHI 598 Special Topics must be comprised of six reading courses, and 15 credit hours of CHI 691 must be comprised of five seminar courses. Other requirements and elective coursework for the degree are to be chosen in consultation with the program chair.

Courses for the other requirements may be substituted with the approval of the academic unit.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution. Applicants specializing in Chinese should have completed at least three years of modern Chinese and one year of classical Chinese.

Applicants must have a minimum cumulative GPA of 3.30 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.30 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- personal statement
- writing sample
- speech sample in Chinese or Japanese
- resume or curriculum vitae
- GRE scores
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The writing sample, which should be no more than 15 pages, should represent the applicant's thinking as well as writing skills, and it should be on a topic connected with Chinese, Japanese or East Asian culture.

The speech sample is required if the applicant is applying for teaching assistantship funding. The speech sample should be a recorded message approximately four minutes in length, in Chinese or Japanese, on a topic of the applicant's choosing. (Applicants are asked to not read the message. This is to help the committee evaluate the level of proficiency, and the message should realistically reflect the applicant's spoken Chinese or Japanese). Recordings should be emailed to SILC@asu.edu (<mailto:SILC@asu.edu>).

Applicants should see the department website for more information.

Contact Information:

Liberal Arts & Sciences, The College of
School of International Letters and Cultures
<https://silc.asu.edu/degrees/grad/east-asian-languages-and-civilization-phd>
LL 440
silc@asu.edu
480-965-6281

English, MA (LAENGLMA)

Online Degree Search Title: English, MA

Campus: Tempe, Online

Program Description:

The MA program in English allows for a variety of transdisciplinary studies within five distinct tracks:

Comparative literature --- Students interpret cultural productions in English and at least one other language, and they explore approaches ranging from textual criticism, critical theory and translation to cultural studies and the social sciences.

Creative writing -- Students in the accelerated BA/MA creative writing track strengthen their artistic practice by participating in intensive creative writing workshops in either fiction or poetry, alongside the study of contemporary literature and innovative creative techniques.

English studies --- Students in this track learn how to interpret and articulate complex cultural, historical, literary and language related ideas into accessible material for general audiences through a series of courses from across disciplinary areas of study.

Literature --- Students develop and hone skills in oral presentation, writing and critical thinking while exploring social, historical and cultural contexts.

Writing, rhetorics and literacies --- This program offers students a wide array of courses encompassing the history, theory and practice of rhetoric and pedagogy of writing.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

English (Creative Writing), BA

English (Literature), BA

English (Writing, Rhetorics and Literacies), BA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

30 credit hours including the required applied project course (ENG 593) and a foreign language exam, or 30 credit hours including the required capstone course (ENG 597) and a foreign language exam, or 30 credit hours, a thesis and a foreign language exam.

Required Core (3 credit hours)

ENG 501 Approaches to Research (3)

A student may pursue a track in comparative literature, English studies, literature, or writing, rhetorics and literacies. The creative writing track is available only for students in the accelerated BA/MA creative writing track program. All tracks have a foreign language requirement.

Comparative Literature Track

one course in concept and methods (course in comparative literature, criticism, or translation)

four courses in a language other than English

electives

English Studies Track

one course in linguistics

one course in literature
one course in writing, rhetorics and literacies
one course in English education
electives or research courses

Literature Track

one course in literary theory
a distribution requirement
electives
two courses selected must be graduate seminars at the 600 level

Writing, Rhetorics, and Literacies Track

one course in composition theory
one course in rhetoric theory
electives, which must include six credit hours of graduate seminars at the 600 level

Culminating Experience (3 or 6 credit hours)

ENG 593 Applied Project (3) or
ENG 597 Graduate Capstone Seminar (3) or
ENG 599 Thesis (6)

Additional Curriculum Information

Students should see the academic unit for an approved course list.

The capstone culminating experience option is available to students in the English studies track only. Students in this track must take the capstone. Students in one of the other tracks may select an applied project or thesis for the culminating experience.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00= "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00= "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- statement of purpose
- resume or curriculum vitae
- three letters of recommendation
- academic writing sample relevant to the field
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Students should see the Department of English website for specific details about English proficiency requirements.

Applicants for the master's degree program in English with a track in comparative literature must prove fluency in a foreign language to a level sufficient for graduate study. The one- to two-page, single-spaced statement of purpose should detail the applicant's background, reasons for wanting to do graduate work in comparative literature, and plans for the future.

Applicants for the master's degree program in English with a track in English studies (the online program) are required to submit two academic or professional letters of recommendation; a third recommendation is optional. An academic writing sample is not required. The two-page, single-spaced statement of purpose should explain how the applicant's academic and professional interests fit with the English studies track of the Master of Arts in English. Applicants with undergraduate majors in English, foreign language, history, philosophy, liberal studies, or other areas in humanities are considered.

Applicants for the master's degree program in English with a track in literature are required to have an undergraduate major in English. Those who do not have a major in English are encouraged to register as nondegree students while they take supplementary courses, as identified by the advisor. The one- to two-page, single-spaced statement of purpose should detail the applicant's background, reasons for wanting to do graduate work in literature, and plans for the future.

Applicants for the master's degree program in English with a track in writing, rhetorics, and literacies may have undergraduate majors in fields such as, but not limited to, anthropology, cognitive science, communication, comparative languages and literatures, education, English literature, history, law, modern languages, philosophy, political science, psychology, religion, rhetoric or composition, sociology, or speech and hearing science. The one- to two-page, single-spaced statement of purpose should detail the applicant's background, reasons for wanting to do graduate work in writing, rhetorics and literacies, and plans for the future.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/graduate/master-arts-english/>)

Contact Information:

Liberal Arts & Sciences, The College of
Department of English
<https://english.asu.edu/degrees/grad/masters-english>
RBHL 125
enggrad@asu.edu
480-965-3194

English (English Education), PHD (LAENEDPHD)

Online Degree Search Title: English (English Education), PhD

Campus: Tempe

Program Description:

The PhD program in English with a concentration in English education prepares students to examine the writing and reading practices of secondary students as well as the instructional practices of secondary English language arts teachers by emphasizing the relationship between pedagogy and research methodologies used to study the teaching of secondary English.

Possible areas for research focus within this program include young adult literature, secondary reading and writing practices, new literacies, English language learning, critical literacy and secondary English language arts curriculum and instruction development. The program encourages students to pursue coursework in other subdisciplines within the Department of English, such as rhetoric and composition, applied linguistics and literature, and coursework in the ASU Mary Lou Fulton Teachers College, such as literacy and educational research methodology.

Students benefit from the program's links to the Central Arizona Writing Project, and this relationship offers opportunities for related coursework, research, community outreach and teacher in-service programs. The doctorate in English education prepares students to become professors of English education or to pursue other relevant opportunities in research and administration.

Degree Requirements:

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (3 credit hours)

ENG 501 Approaches to Research (3)

Foundational Distribution (12 credit hours)

Advanced Studies Distribution (12 credit hours)

Internships (9 credit hours)

ENG 784 Internship (9)

Specialization (6 credit hours)

Culminating Experience (12 credit hours)

ENG 799 Dissertation (12)

Additional Curriculum Information

Students must take 12 credit hours at the 500 level, selected from a list of approved courses in education, English, linguistics and applied linguistics for the foundational distribution.

Students must take at least two courses in the area of specialization.

When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used for this degree. If not approved, the 30 credit hours of coursework will be made up of electives and research.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's and master's degree from a regionally accredited institution. Applicants with master's degrees in English education and related fields, such as English literature, applied linguistics, education, and rhetoric and composition will be considered. A minimum of three years of full-time teaching or volunteer work in secondary English language arts classrooms or in literate-rich settings is required.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00= "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.50 (scale is 4.00= "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- statement of purpose
- resume or curriculum vitae
- three letters of recommendation
- academic writing sample
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Applicants should see the Department of English website for specific details about English proficiency requirements.

The one- to two-page statement should explain the applicant's interest in the program and how the applicant's background and preparation led to the specific career and research goals. The three letters of recommendation should be from individuals familiar with the applicant's promise in English education, including one letter from a school principal and two letters from university professors. Applicants applying for funding must also submit a statement of teaching philosophy.

Applicants should see the Department of English website for specific details.

Contact Information:

Liberal Arts & Sciences, The College of

Department of English

<https://english.asu.edu/degrees/grad/doctor-philosophy-english-education>

RBHL 130

enggrad@asu.edu

480-965-3194

English (Literature), PHD (LAENLITPHD)

Online Degree Search Title: English (Literature), PhD

Campus: Tempe

Program Description:

The PhD program in English with a concentration in literature trains students in the various methodologies, pedagogies and areas of inquiry that constitute literary and cultural studies, and prepares them for careers in higher education and other fields that value this expertise. With a diverse and accomplished faculty, the program offers opportunities for specialization in traditional areas of literary criticism, cultural analysis and theory, as well as various fields of interdisciplinary study.

Degree Requirements:

84 credit hours, a foreign language exam, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

A student with an appropriate master's degree must complete a minimum of 54 credit hours of approved graduate work, which includes 12 credit hours of dissertation, provided the student's master's degree is accepted by the supervisory committee and the academic unit. Research hours may be used toward coursework in consultation with the advisor.

A student without an appropriate master's degree must complete 84 credit hours of work at ASU. At the advisor's discretion, students may include up to 12 credit hours of appropriate, graduate-level coursework undertaken at another university and not previously counted toward any other degree.

Specifically required are six credit hours in theory courses and ENG 501 Approaches to Research. Students must complete eight graduate courses

in any of the following categories:

- cultural studies
- ethnic studies
- gender studies
- genre
- history and structure of the English language
- literature 1500-1660
- literature 1660-1900
- literature since 1900
- literature to 1500
- postcolonial or anglophone literatures

Students must take at least five graduate seminars at the 600 level en route to the doctorate, at least three of which must be taken in the doctoral program. Up to 12 credit hours taken outside the department may be counted toward the degree. Students should consult with their supervisory committees when choosing electives.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00= "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.50 (scale is 4.00= "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- statement of purpose
- resume or curriculum vitae
- three letters of recommendation
- academic writing sample relevant to the field
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Students should see the Department of English website for specific details about English proficiency requirements. (<https://english.clas.asu.edu/admission/graduate-admission/how-to-apply/information-international-students>)

The well-considered, one- to two-page, single-spaced statement of purpose should explain how the applicant's experience and training have prepared him or her for the program as well as the purpose for pursuing the doctorate. Applicants applying for funding must also submit a statement of teaching philosophy. Students should see the Department of English website for specific details.

Contact Information:

Liberal Arts & Sciences, The College of
Department of English

<https://english.asu.edu/degrees/grad/doctor-philosophy-english-literature>

RBHL 125

enggrad@asu.edu

480-965-3194

English (Writing, Rhetorics, and Literacies), PHD (LAENRHTPHD)

Online Degree Search Title: English (Writing, Rhetorics and Literacies), PhD

Campus: Tempe

Program Description:

The PhD in English with a concentration in writing, rhetorics and literacies promotes the study of rhetorical strategies, production, distribution and interpretation of oral, written, digital, visual, discursive, material and symbolic texts.

Students study the history, theories and methods of inquiry as well as pragmatic and social actions of writing, rhetoric and literacies. With theories and methods from both historical and contemporary contexts, students learn strategies for inquiry; the ways in which communication creates

knowledge and action; and how communication is constructed, circulated, reacted to and repurposed over time and across space. Program requirements are designed to encourage a full understanding of theoretical and applied aspects of writing studies, rhetorical studies and literacy studies. Students also will be provided many opportunities to explore the intersections and tensions that exist within and between the three different areas of inquiry.

The program encourages transdisciplinary study, and its flexible requirements enable students to pursue those aspects of the disciplines that interest them the most. The program prepares students for entrance into the field as teachers, scholars and professionals.

Degree Requirements:

84 credit hours, a foreign language exam, a written comprehensive exam, a prospectus and a dissertation, or 84 credit hours, a foreign language exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (3 credit hours)

ENG 501 Approaches to Research (3)

Concentration (9 credit hours)

ENG 551 Rhetorical Traditions (3)

ENG 552 Composition Studies (3)

ENG 556 Theories of Literacy (3)

Focus Area (9 credit hours)

Electives or Research (18 credit hours)

research methods (3)

electives (15)

Other Requirements (3 credit hours)

writing for publication/scholarly writing coursework (3)

Culminating Experience (12 credit hours)

dissertation (12)

Additional Curriculum Information

Students may be allowed 30 credit hours from a previously awarded master's degree as approved by the academic unit and the Graduate College. Student who do not hold a master's degree are required to take additional elective and research credit hours to reach the 84 credit hours required for this program.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants with bachelor's or master's degrees in fields such as anthropology, applied linguistics, cognitive science, communication, comparative languages and literatures, English literature, education, history, law, linguistics, modern languages, philosophy, political science, psychology, religion, rhetoric, composition, sociology, and speech and hearing science will be considered.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00= "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.50 (scale is 4.00= "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- statement of purpose
 - resume or curriculum vitae
- three letters of recommendation
 - academic writing sample relevant to the field
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Applicants should see the Department of English website for specific details about English proficiency requirements.

In the well-considered, one- to two-page, single-spaced statement of purpose, applicants should explain how their experience and training have

prepared them for the program. Applicants should indicate their career goals and explain how these goals relate to the program in writing, rhetorics and literacies. Applicants applying for funding must also submit a statement of teaching philosophy. Applicants should see the Department of English website for specific details.

Contact Information:

Liberal Arts & Sciences, The College of
Department of English
<https://english.asu.edu/degrees/grad/doctor-philosophy-writing-rhetorics-literacies>
RBHL 125
enggrad@asu.edu
480-965-3194

English Education, MA (LAENEDMA)

Online Degree Search Title: English Education, MA

Campus: Tempe

Program Description:

The MA in English education is a one-year, intensive program designed to prepare practicing and transitioning teachers for careers as exemplary educators, teacher-researchers and leaders in English language arts instruction.

Students in the program develop a deep understanding of the English language arts by learning how to access, analyze and apply research and best practices for teaching secondary students (grades 7-12). This program balances the refining of disciplinary knowledge with pedagogical application of that knowledge in classrooms. Students take a variety of dynamic, cutting-edge methods courses, including advanced methods courses in research in English education, methods of teaching writing and text, teaching postcolonial young adult literature and teaching writing in an era of standardization.

This innovative course of study culminates with an inquiry project related to English language arts instruction in secondary classrooms. The program empowers students to employ teacher research and inquiry to address questions they have about their own students' learning and their own teaching practice.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

English (Secondary Education), BA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

30 credit hours including the required applied project course (ENG 593).

Required Core (12 credit hours)

ENG 501 Approaches to Research (3)

ENG 506 Methods and Issues in Teaching Language (3)

ENG 507 Methods and Issues in Teaching Composition (3)

ENG 606 Advanced Studies in English Education (3)

Electives or Research (12 credit hours)

Other Requirements (3 credit hours)

ENG 594 Conference and Workshop (3)

Culminating Experience (3 credit hours)

ENG 593 Applied Project (3)

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in English, creative writing, English education, secondary education or secondary curriculum and instruction, or a master's degree in education or a closely related field from a regionally accredited institution. Current certification in secondary English language arts (grades 6-12), or equivalent certification, or a minimum of two years teaching English language arts in a school setting is required.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00= "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00= "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- statement of purpose
- resume or curriculum vitae
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Students should see the Department of English website for specific details about English proficiency requirements.

The one- to two-page statement of purpose should explain the applicant's background, reasons for wanting to do graduate work in English education, and goals. Three academic or professional letters of recommendation are required, and at least one must be from a faculty member familiar with the applicant's academic work.

Contact Information:

Liberal Arts & Sciences, The College of
Department of English
<https://english.asu.edu/degrees/grad/masters-english-education>
RBHL 130
enggrad@asu.edu
480-965-3224

Environmental Communication and Leadership (Certificate), Certificate (LAECLGRCT)

Online Degree Search Title: Environmental Communication and Leadership (Graduate Certificate)

Campus: Downtown Phoenix, Polytechnic, Tempe, West

Program Description:

Scientists must go beyond publishing in journals if they want their research to be relevant to society. However, academic training rarely covers how to communicate with the press, the public, policymakers and other relevant stakeholders.

This certificate program in environmental communication and leadership gives graduate students in environmental disciplines the important leadership and communication skills needed to increase their influence and reach above and beyond academia.

Degree Requirements:

15 credit hours.

Required Core (3)

BIO 578 Environmental Leadership and Communication (3)

Electives (12)

policy and management (3)

communication (3)

leadership (3)

open elective (3)

Additional Curriculum Information

Students must choose three credit hours from each of the three categories with approval of the School of Life Sciences. If a student takes a course for fewer than three credit hours, the student must take more than one course in that category to meet the three credit hour requirement. Students should contact the School of Life Sciences for a complete list of courses.

Students choose one three credit hour elective course from any of the three categories above. Students should note that only three credit hours of approved 400 level coursework can appear on the plan of study.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

Sample related fields include business, education, biology, geosciences, political science and English.

Applicants must have completed 12 undergraduate credit hours of natural science or social science coursework related to the environment at the time of application to the graduate certificate program. They must meet all other graduate admissions requirements. Courses are reviewed by the School of Life Sciences graduate committee to ensure that they fulfill this requirement.

Contact Information:

Liberal Arts & Sciences, The College of
School of Life Sciences
<https://sols.asu.edu>
LSA 212
sols.grad@asu.edu
480-727-3109

Environmental Life Sciences, PHD (LAELSPHD)

Online Degree Search Title: Environmental Life Sciences, PhD

Campus: Tempe

Program Description:

The PhD in environmental life sciences is a novel graduate degree program that provides doctorate-level training in several complementary fields focused on the interactions between organisms (e.g., plant, microbe, people and other animals) and the environment.

This unique program provides opportunities to train across many fields of study, including:

- biology
- biochemistry and chemistry
- conservation science
- ecology
- evolutionenvironmental engineering
- geosciences
- mathematics and statistics
- spatial sciences
- social sciences
- sustainability

Graduate students are trained by means of a core class taught by environmental life science faculty members, through hands-on experiences in the lab and field, with guidance from committee members across multiple disciplines, and in research seminars.

The focus is on collaborative, interdisciplinary and integrative study of the causes and consequences of environmental variation across scales ranging from the organism to the globe. The overall goal is to provide a unique, interdisciplinary doctoral program that encourages students to explore and solve complex problems in the context of natural and anthropogenic environmental change.

Degree Requirements:

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (3 credit hours)

ELS 501 Environmental Life Sciences: Grand Challenge: Global Climate Change (3)

Electives (69 credit hours)

Culminating Experience (12 credit hours)

ELS 799 Dissertation (12)

Addition Curriculum Information

ELS 501 is required for students to take during their first semester at ASU.

For electives, students should see the academic unit for approved coursework. Students also may take ELS omnibus courses to fulfill some of the elective requirements.

When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used for this degree. If students do not have a previously awarded master's degree, the 30 hours of coursework are made up of electives and research.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in a related discipline from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants must submit the following:

- graduate admission application and application fee
- official transcripts
- academic record form
- personal statement
- curriculum vitae or resume
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Contact Information:

Liberal Arts & Sciences, The College of

School of Life Sciences

<https://sols.asu.edu/degrees/grad/environmental-life-sciences-phd>

LSA 181

sols.grad@asu.edu

480-965-1768

Environmental Social Science, PHD (LAESSPHD)

Online Degree Search Title: Environmental Social Science, PhD

Campus: Tempe

Program Description:

The PhD program in environmental social science is one of the few doctoral degree programs in the U.S. that draws on the premise that reducing human impacts and developing more sustainable environmental practices is difficult, if not impossible, to achieve without a focus on the social dynamics of environmental issues using critical social science perspectives.

The program is organized around theoretically based conceptual domains:

- culture and the environment
- environmental hazards and vulnerability

- environmental justice
- human environment impacts
- political ecology
- science and technology studies

These are the bases for addressing various topical foci, including urban environments, technologies and their consequences, landscapes, institutions, and health and the environment.

Students work with faculty who have expertise in a broad range of fields including:

- archaeology
- community resources
- cultural and medical anthropology
- demography
- environmental history
- geographic information systems
- human and physical geography
- planning
- public affairs
- science and technology studies
- sociology

The program trains students to move into teaching and research positions or to assume leadership roles in government, industry or nongovernmental organizations.

Coursework for the degree is focused on developing real-world skills and a solid grasp of complex social science approaches to environmental issues. Students work closely with their committee to develop a curriculum appropriate to their chosen interests and career goals.

Degree Requirements:

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Students entering with a master's degree in a related field may be granted up to 30 credit hours toward the 84 credit hour total required for the doctorate degree program. This leaves 30 credit hours of coursework, 12 credit hours of research credit and 12 hours of dissertation credit (54 credit hours total) to be earned post-admission.

Students entering without a master's degree must earn an additional 30 hours of graduate credit, produce a research portfolio which is formally evaluated by a faculty committee and present that research in a public forum before continuing on in the later stage of the doctorate degree program.

All students must maintain an average GPA of 3.20 (scale is 4.00 = "A") in their courses and complete degree requirements per the program's satisfactory progress policy.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution. Undergraduate coursework in the social sciences (e.g., geography, political science, sociology, anthropology, planning or history) is not a prerequisite for admission but is generally advisable. Students may be admitted without such a background and may be required to acquire knowledge of the social sciences in a manner to be specified at the time of admission.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- personal statement outlining educational and professional goals
- current curriculum vitae or resume
- three letters of recommendation
- proof of English proficiency

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Applicants may submit an optional scholarly writing sample, not to exceed 20 to 30 double-spaced pages, to be included in the application materials.

Contact Information:

Liberal Arts & Sciences, The College of
School of Human Evolution & Social Change
<https://shesc.asu.edu/degrees/environmental-social-science-phd>
SHESC 233
shesc.grad@asu.edu
480-965-6215

Environmental Social Science (Complex Adaptive Systems Science), PHD (LAESSCPHD)

Online Degree Search Title: Environmental Social Science (Complex Adaptive Systems Science), PhD

Campus: Tempe

Program Description:

The PhD program in environmental social science is one of the few doctoral degree programs in the U.S. that draws on the premise that reducing human impacts and developing more sustainable environmental practices will be difficult, if not impossible, to achieve without a focus on the social dynamics of environmental issues using critical social science perspectives.

The program is organized around theoretically based conceptual domains:

- culture and the environment
- environmental hazards and vulnerability
- environmental justice
- human environment impacts
- political ecology
- science and technology studies

These are the bases for addressing various topical foci, including urban environments, technologies and their consequences, landscapes, institutions, and health and the environment.

Students work with faculty who have expertise in a broad range of fields including:

- archaeology
- community resources
- cultural and medical anthropology
- demography
- environmental history
- geographic information systems
- human and physical geography
- planning
- public affairs
- science and technology studies
- sociology

The program trains students to move into teaching and research positions or to assume leadership roles in government, industry and nongovernmental organizations.

Coursework for the degree is focused on developing real-world skills and a solid grasp of complex social science approaches to environmental issues. Students work closely with their committee to develop a curriculum appropriate to their chosen interests and career goals.

The complex adaptive systems science doctoral concentration trains the next generation of scientists in advanced concepts and methods needed for approaching diverse phenomena in the social and life sciences. The program is tightly integrated with diverse, ongoing, university-wide research on complex adaptive systems science at Arizona State University and emphasizes the value of a complex adaptive systems perspective to give better insight and a more active role in seeking solutions to a broad array of critical issues facing our society today. Students will become fluent in the common language of complexity while also receiving a solid foundation in the domain knowledge of existing academic disciplines.

Degree Requirements:

84 credit hours, a written comprehensive exam, a prospectus and a dissertation.

Required Core (9 credit hours)

Concentration (12 credit hours)

Electives or Research (21 credit hours)

Culminating Experience (12 credit hours)

Additional Curriculum Information

When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used for this degree. If students do not have a previously awarded master's degree, the 30 hours of coursework will be made up of electives and research.

Students entering without a master's degree must earn an additional 30 hours of graduate credit, produce a research portfolio which is formally evaluated by a faculty committee and present that research in a public forum before continuing on in the later stage of the doctorate.

All students must maintain an average GPA of 3.20 (scale is 4.00 = "A") in their courses and complete degree requirements per the program's satisfactory progress policy.

Student doctoral dissertations should include the application of complex adaptive systems concepts and methods in their field of study and typically have a member of the complex adaptive systems science graduate faculty as a member of their doctoral supervisory committee.

Students should see the academic unit for a complete list of approved electives and concentration courses.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution. Undergraduate coursework in the social sciences (e.g., geography, political science, sociology, anthropology, planning or history) is not a prerequisite for admission but is generally advisable. Students may be admitted without such a background and may be required to acquire knowledge of the social sciences in a manner to be specified at the time of admission.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- personal statement outlining educational and professional goals
- current curriculum vitae or resume
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Applicants may submit an optional scholarly writing sample, not to exceed 20 to 30 double-spaced pages, to be included in their application materials.

Contact Information:

Liberal Arts & Sciences, The College of
School of Human Evolution & Social Change
<https://shesc.asu.edu/degrees/environmental-social-science-phd/cass>
SHESC 233
shesc.grad@asu.edu
480-965-6215

Environmental Social Science (Urbanism), PHD (LAESSURPHD)

Online Degree Search Title: Environmental Social Science (Urbanism), PhD

Campus: Tempe

ASU is not currently accepting applications for this program.

Program Description:

The PhD in environmental social science is one of the few doctoral degree programs in the U.S. that draws on the premise that reducing human impacts and developing more sustainable environmental practices will be difficult, if not impossible, to achieve without a focus on the social dynamics of environmental issues using critical social science perspectives.

The program is organized around theoretically based conceptual domains:

- culture and the environment
- environmental hazards and vulnerability
- environmental justice
- human environment impacts
- political ecology
- science and technology studies

These are the bases for addressing various topical foci, including urban environments, technologies and their consequences, landscapes, institutions, and health and the environment.

Students work with faculty who have expertise in a broad range of fields including:

- archaeology
- community resources
- cultural and medical anthropology
- demography
- environmental history
- geographic information systems
- human and physical geography
- planning
- public affairs
- science and technology studies
- sociology

The program trains students to move into teaching and research positions or to assume leadership roles in government, industry or in nongovernmental organizations.

Coursework for the degree is focused on developing real-world skills and a solid grasp of complex social science approaches to environmental issues. Students work closely with their committee to develop a curriculum appropriate to their chosen interests and career goals.

The concentration in urbanism leverages the varied interests in urbanism and helps emerging scholars as they attempt to compare, contrast and take stock of urbanism. Working with faculty from across a range of departments and programs at ASU, doctoral students are able to capture the creative tensions that scholarship on urbanism has inspired in order to stimulate a provocative, constructive kind of inquiry.

Degree Requirements:

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Students entering with a master's degree in a related field may be granted up to 30 credit hours toward the 84 credit hour total required for the doctorate. This leaves 30 credit hours of coursework, 12 credit hours of research and 12 credit hours of dissertation (54 credit hours total) to be earned post admission.

Students entering without a master's degree must earn an additional 30 credit hours of graduate coursework, produce a research portfolio which is formally evaluated by a faculty committee, and present that research in a public forum before continuing on in the later stage of the doctorate degree program.

All students must maintain an average GPA of 3.20 (scale is 4.00 = "A") in their courses and complete degree requirements per the program's satisfactory progress policy.

All students entering the program complete 18 credit hours of core classes in conceptual domains and topical foci. For the concentration in urbanism, 15 credit hours are to be selected from an approved list of applicable courses related to urbanism. Some of the environmental social science core courses also count toward the concentration in urbanism. These courses include the core urbanism course GCU 516 as well as one course from each of the four urbanism clusters:

culture and society
institutions and governance
natural environment

Additional credit hours come from courses in research design, technical expertise and electives. Students may select from a substantial range of courses to satisfy noncore requirements.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution. Undergraduate coursework in the social sciences (e.g., geography, political science, sociology, anthropology, planning or history) is not a prerequisite for admission but is generally advisable. Students may be admitted without such a background and may be required to acquire knowledge of the social sciences in a manner to be specified at the time of admission.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- personal statement outlining educational and professional goals
- current curriculum vitae or resume
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Applicants may submit an optional scholarly writing sample, not to exceed 20 to 30 double-spaced pages, to be included in their application materials.

Contact Information:

Liberal Arts & Sciences, The College of
School of Human Evolution & Social Change
<https://shesc.asu.edu>
SHESC 233
shesc.grad@asu.edu
480-965-6215

Evolutionary Biology, PHD (LAEVOPHD)

Online Degree Search Title: Evolutionary Biology, PhD

Campus: Tempe

Program Description:

The evolutionary biology PhD is a transdisciplinary graduate degree program that provides doctorate-level training in the historical, conceptual, empirical and quantitative aspects of biological evolution.

Evolution is a fundamental scientific concept underlying all aspects of modern biological, environmental and health-related research. It cuts across biological sciences in ways that few other foci do and informs the theoretical foundations of subfields like population genetics and ecosystem ecology. It allows integration of information and patterns across levels of organization, informs the theoretical foundations of subfields ranging from population genetics to systematics to ecosystem ecology, and provides bridges between temporal and spatial scales.

Forgoing emphases on particular taxa or methods, the program focuses on understanding the patterns and processes that have shaped life on Earth and continue to do so, training the next generation of scientists to use this knowledge to meet present and future challenges to the biosphere and human health in the face of increasing environmental perturbation.

Degree Requirements:

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (9 credit hours)

BIO 614 Biometry (4)
EVO 601 Principles of Evolution (3)
EVO 610 Research Areas of Evolution (2)

Electives (9 credit hours)

The program advisor as well as the student's advisor will determine these courses in conjunction with the student.

Other Requirements (54 credit hours)

research, coursework or 30 credit hours from a previously awarded master's degree

Dissertation (12 credit hours)

EVO 799 Dissertation (12)

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in a related discipline, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants must submit the following:

- graduate admission application and application fee
- official transcripts
- academic record form
- personal statement
- curriculum vitae or resume
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Contact Information:

Liberal Arts & Sciences, The College of
School of Life Sciences
<https://sols.asu.edu/degrees/grad/evolutionary-biology-phd>
LSA 181
sols.grad@asu.edu
480-965-1768

Evolutionary Medicine (Certificate), Certificate (LAEVMDGRCT)

Online Degree Search Title: Evolutionary Medicine (Graduate Certificate)

Campus: Tempe

Program Description:

With rising need for health science-related skills and an aging population in the United States, innovations in health and medicine are in demand.

Evolutionary medicine is a new and burgeoning field situated between the life and social sciences that integrates the fields of genetics, medicine, global health, evolutionary biology and public health to transform understanding of disease and improve human health. Students that complete this certificate program learn how to integrate perspectives from across fields to answer questions about health and disease in the context of human life history.

Students are introduced to integrated approaches within the biological and social sciences that are capable of addressing an emerging, anticipated public need such as reemerging infectious disease, challenges with vaccines, the expansion of chronic disease and other growing public health crises.

Degree Requirements:

15 credit hours including the required capstone course (Bio 571).

Required Core (3 credit hours)

ASB 507/BIO 507 Advanced Evolutionary Medicine (3) or

ASM 503/BIO 510 Evolutionary Medicine and Global Health (3)

Restricted Electives in Anthropology (3 credit hours)

ASB 503 Medical Anthropology (3)

ASB 510 Health: Social and Biocultural Theories (3)

Restricted Electives in Biology (3 credit hours)

ASM 546/BIO 546 Principles of Human Genetics (3)

BIO 545 Populations: Evolutionary Genetics (3)

EVO 601 Principles of Evolution (3)

Electives or Research (3 credit hours)

Culminating Experience (3 credit hours)

BIO 571 Evolutionary Medicine Capstone (3)

Additional Curriculum Information

Students choose one course from an approved list of electives or research courses and cannot choose courses already taken for required core or restricted electives in anthropology and biology. For restricted electives in anthropology and biology, students must choose one course from the list indicated for each subject.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in the life or social sciences or related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:

- graduate admission application and application fee
- official transcripts
- professional resume
- written statement
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The professional resume should demonstrate the applicant's skills and previous training.

The written statement asks about future career goals to better assist the student with selection of the most applicable set of courses in evolutionary medicine.

International students who need an F1 or 1 J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the U.S. on other types of visas must adhere to all Graduate College policies and procedures regarding admission be considered for admission to this certificate program.

Contact Information:

Liberal Arts & Sciences, The College of
School of Life Sciences
<https://evmed.asu.edu>
LSC 210
evmed@asu.edu
480-965-9944

Exploration Systems Design, PHD (LAESDPHD)

Online Degree Search Title: Exploration Systems Design, PhD

Campus: Tempe

ASU is not currently accepting applications for this program.

Program Description:

The PhD program in exploration systems design offers students an advanced systems approach for developing scientific exploration technologies in a wide variety of demanding environments on the earth, planets, moons and in space.

This transdisciplinary degree program provides a unique platform to train systems engineers targeting technological development for exploration science. This collaborative program between the School of Earth and Space Exploration and the Ira A. Fulton Schools of Engineering allows students to specialize in topics related to planetary exploration, astronomical instrumentation, robotics, sensors and sensor networks.

The curriculum integrates the School of Earth and Space Exploration's science, instrumentation and systems engineering core courses with related coursework from the Ira A. Fulton Schools of Engineering. Students must select a concentration as part of this degree program. Concentrations are available in instrumentation, systems engineering and sensor networks.

Degree Requirements:

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (1 credit hour)

SES 502 Exploring SESE Research (1)

Electives or Research (70 credit hours)

Other Requirements (1 credit hour)

SES 501 SESE Colloquium (1)

Culminating Experience (12 credit hours)

SES 799 Dissertation (12)

Additional Curriculum Information

When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree in a related field to be used for this degree. Related fields include, but are not limited to, engineering, computer science, geological sciences or physics.

As part of the electives or research, students take two science courses selected from the SESE graduate catalog (GLG, SES, or AST prefixes). Substitutions may be made per academic unit approval.

Substitutions for Other Requirements may be made per department approval.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or

applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admissions application and application fee
- official transcripts
- statement of purpose
- GRE scores
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Students should see the program website for application deadlines.

Instrumentation concentration:

An undergraduate degree in electrical engineering, aerospace engineering or mechanical engineering is preferred.

Systems engineering concentration:

Successful completion of a senior capstone or design project is an admission requirement for this concentration. Students who have not had a design course are required to take SES 405 Systems Engineering as a deficiency course.

Sensor networks concentration:

An undergraduate degree in electrical engineering or computer science is preferred.

Contact Information:

Liberal Arts & Sciences, The College of

School of Earth and Space Exploration

<https://sese.asu.edu>

ISTB4 795

sese-grad@asu.edu

480-965-5081

Exploration Systems Design (Instrumentation), PHD (LAESDIPHD)

Online Degree Search Title: Exploration Systems Design (Instrumentation), PhD

Campus: Tempe

Program Description:

The exploration systems design PhD program offers an advanced systems approach for developing scientific exploration technologies in a range of demanding environments on Earth and in space.

This transdisciplinary degree program provides a unique platform to train systems engineers targeting technological development for exploration science. This is a collaborative program between the School of Earth and Space Exploration and the Ira A. Fulton Schools of Engineering that allows students to specialize in topics related to planetary exploration, astronomical instrumentation, robotics, sensors and sensor networks.

The curriculum integrates the School of Earth and Space Exploration's science, instrumentation and systems engineering core courses with related coursework from the Ira A. Fulton Schools of Engineering. Students must select a concentration in instrumentation, systems engineering, or sensor networks. The instrumentation concentration prepares students in the development of state of the art sensors and systems for remote and in-situ sensing related to planetary science, earth science and astronomy.

Degree Requirements:

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (1 credit hour)

SES 502 Exploring SESE Research (1)

Electives or Research (61 credit hours)

Other Requirements (1 credit hour)

SES 501 SESE Colloquium (1)

Concentration (9 credit hours)

Culminating Experience (12 credit hours)

SES 799 Dissertation (12)

Additional Curriculum Information

When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree in a related field to be used for this degree. Related fields include, but are not limited to, engineering, computer science, geological sciences or physics.

As part of the electives or research, students take two science courses selected from the SESE graduate catalog (GLG, SES, or AST prefixes). Substitutions may be made per academic unit approval.

Substitutions for Other Requirements may be made per department approval.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admissions application and application fee
- official transcripts
- statement of purpose
- GRE scores
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Students should see the program website for application deadlines.

Instrumentation concentration: An undergraduate degree in electrical engineering, aerospace engineering or mechanical engineering is preferred.

Contact Information:

Liberal Arts & Sciences, The College of

School of Earth and Space Exploration

<https://sese.asu.edu/degrees/graduate/exploration-systems-design-instrumentation-phd>

ISTB4 795

sese-grad@asu.edu

480-965-5081

Exploration Systems Design (Sensor Networks), PHD (LAESDSNPHD)

Online Degree Search Title: Exploration Systems Design (Sensor Networks), PhD

Campus: Tempe

Program Description:

The exploration systems design PhD program offers an advanced systems approach for developing scientific exploration technologies in a range of demanding environments on Earth and in space. This transdisciplinary degree program provides a unique platform to train systems engineers targeting technological development for exploration science. This collaborative program between the School of Earth and Space Exploration and the Ira A. Fulton Schools of Engineering allows students to specialize in topics related to planetary exploration, astronomical instrumentation, robotics, sensors and sensor networks.

The curriculum integrates the School of Earth and Space Exploration's science, instrumentation and systems engineering core courses with related coursework from the Ira A. Fulton Schools of Engineering. Students must select a concentration in instrumentation, system engineering or sensor networks. The sensor networks concentration prepares students in the development of networked software and hardware systems related to earth and space exploration, including robotics, data science and high-performance computing.

Degree Requirements:

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (1 credit hour)

SES 502 Exploring SESE Research (1)

Electives or Research (61 credit hours)

Other Requirements (1 credit hour)

SES 501 SESE Colloquium

Concentration (9 credit hours)

Culminating Experience (12 credit hours)

SES 799 Dissertation (12)

Additional Curriculum Information

When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree in a related field to be used for this degree. Related fields include, but are not limited to, engineering, computer science, geological sciences or physics.

As part of the electives or research, students will take two science courses selected from the SESE graduate catalog (GLG, SES, or AST prefixes). Substitutions may be made per academic unit approval.

Substitutions for Other Requirements may be made per department approval.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admissions application and application fee
- official transcripts
- statement of purpose
- GRE scores
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Students should see the program website for application deadlines.

Sensor networks concentration: An undergraduate degree in electrical engineering or computer science is preferred.

Contact Information:

Liberal Arts & Sciences, The College of

School of Earth and Space Exploration

<https://sese.asu.edu/degrees/graduate/exploration-systems-design-sensor-networks-phd>

ISTB4 795

sese-grad@asu.edu

480-965-5081

Exploration Systems Design (Systems Engineering), PHD (LAESDSEPHD)

Online Degree Search Title: Exploration Systems Design (Systems Engineering), PhD

Campus: Tempe

Program Description:

The exploration systems design PhD program offers an advanced systems approach for developing scientific exploration technologies in a range of demanding environments on Earth and in space.

This transdisciplinary degree program provides a unique platform for training systems engineers who are interested in developing technologies for exploration science. This collaborative program between the School of Earth and Space Exploration and the Ira A. Fulton Schools of Engineering allows students to specialize in topics related to planetary exploration, astronomical instrumentation, robotics, sensors and sensor networks.

The curriculum integrates the School of Earth and Space Exploration's science, instrumentation and systems engineering core courses with related coursework from the Ira A. Fulton Schools of Engineering. Students must select a concentration in instrumentation, systems engineering, or sensor networks. The systems engineering concentration prepares students in the design, planning, creation and operation of complex exploration systems, including spaceflight and missions and large, multidisciplinary experiments.

Degree Requirements:

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (1 credit hour)

SES 502 Exploring SESE Research (1)

Electives or Research (61 credit hours)

Other Requirements (1 credit hour)

SES 501 SESE Colloquium (1)

Concentration (9 credit hours)

Culminating Experience (12 credit hours)

SES 799 Dissertation (12)

Additional Curriculum Information

When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree in a related field to be used for this degree. Related fields include, but are not limited to, engineering, computer science, geological sciences or physics.

As part of the electives or research, students will take two science courses selected from the SESE graduate course catalog (GLG, SES, or AST prefixes). Substitutions may be made per academic unit approval.

Substitutions for Other Requirements may be made per department approval.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admissions application and application fee
- official transcripts
- statement of purpose
- GRE scores
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Systems engineering concentration: Successful completion of a senior capstone or design project is an admission requirement for this concentration. Students who have not had a design course are required to take SES 405 Exploration Systems Engineering as a deficiency course.

Contact Information:

Liberal Arts & Sciences, The College of
School of Earth and Space Exploration
<https://sese.asu.edu/degrees/graduate/exploration-systems-design-systems-engineering-phd>
ISTB4 795
sese-grad@asu.edu
480-965-5081

Family and Human Development, MS (LAFAMHDMS)

Online Degree Search Title: Family and Human Development, MS

Campus: Online

Program Description:

The MS in family and human development provides practitioner-oriented professionals with an understanding of relationships and developmental dynamics. Students learn how to effectively evaluate and consume research, translate research into best practices and apply these principles at work.

The online format provides easy access to rigorous and valuable information that informs best practices in improving the lives of families and family members. The program also includes a customizable culminating experience that allows students to focus their training in their areas of interest and work.

Degree Requirements:

30 credit hours including the required capstone course (FAS 588).

Required Core (9 credit hours)

CDE 531 Theoretical Issues in Child Development (3)

FAS 586 or SOC 586 Capstone I (3)

FAS 587 or SOC 587 Capstone II (3)

Electives or Research (18 credit hours)

FAS 500 Research Methods (3)

CDE 501 Social Statistics (3)

diversity course (3)

other elective coursework (9)

Culminating Experience (3 credit hours)

FAS 588 Capstone III (3)

Additional Curriculum Information

Students complete the coursework and culminating experience courses in consultation with the assigned faculty advisor. The plan of study should be completed and approved by the faculty advisor once completing 50% of the minimum required credit hours for the degree. Acceptance of the proposed plan of study must be verified by the signature of the chair and faculty advisor. After approval from the program or college, the plan of study is submitted to the Graduate College for final approval.

FAS 500 and CDE 501 may be replaced by equivalent courses with approval by the academic advisor.

The diversity course and other elective coursework are chosen with approval by the academic advisor. The remaining elective credits must be from the FAS, CDE or SOC prefixes.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee

- official transcripts of all undergraduate and graduate coursework
- current resume or curriculum vitae
- personal statement of goals relevant to the master's degree program
- two letters of recommendation from professional or academic backgrounds
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The personal statement must be four to five pages, double-spaced, and must address the applicant's professional goals, the applicant's strengths that will enable the applicant to succeed in the program, and relevant professional experience or responsibilities to the program.

Letters of recommendation must be from at least two academic or professional sources. Family members or friends do not meet this criterion. Applicants should see the program website for full application deadlines and admission terms and details.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/graduate/master-science-family-and-human-development/>)

Contact Information:

Liberal Arts & Sciences, The College of
 Sanford School of Social and Family Dynamics
<https://thesanfordschool.asu.edu/degree-programs/graduate-programs/family-and-human-development-ms>
 SS 144
graduatesanford@asu.edu
 480-965-6978

Family and Human Development, PHD (LAFAMSCPHD)

Online Degree Search Title: Family and Human Development, PhD

Campus: Tempe

Program Description:

The PhD program in family and human development is devoted to the study of families, children and youth. The program's research, teaching and service have direct meaning in the lives of children and adults, and for the families and communities in which they live.

The faculty share a common commitment to high-quality research that both increases the basic understanding of human and family development and has the potential to contribute to the improvement of the lives of children and families.

Degree Requirements:

85 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (1 credit hour)

FAS 503 Academic Professional Development (3)

Electives (40 credit hours)

Other Requirements (26 credit hours)

CDE 531 Theoretical Issues in Child Development (3)

FAS 500 Research Methods (3)

FAS 531 Theoretical Issues in Family Sciences (3)

FAS or CDE 598 Quantitative Methods in the Social Sciences I (3)

FAS or CDE 598 Quantitative Methods in the Social Sciences II (3)

FAS or CDE 598 Quantitative Methods I Lab (1)

FAS or CDE 598 Quantitative Methods II Lab (1)

two graduate level courses in advanced methods or statistics (6)

one graduate level diversity course (3)

Research (6 credit hours)

FAS or CDE 592 Research (6)

Culminating Experience (12 credit hours)

FAS or CDE 799 Dissertation (12)

Additional Curriculum Information

Postbaccalaureate (for students entering after the bachelor's degree): Of the 85 credit hours for a postbaccalaureate program, six credit hours are dedicated to an empirical project and 12 credit hours are for the dissertation.

Post-master's (for students entering after the master's degree): When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used for this degree. Of the 55 credit hours of the post-master's degree program, 12 credit hours are for the dissertation.

Electives should be chosen in consultation with and approval of the advisor. Electives may be selected within or outside of the Sanford School. All elective courses must be 500 level or higher.

Substitutions for all courses listed under other requirements may be made per department approval.

For the diversity course requirement, students should refer to the department for a list of approved courses.

For the advanced methods or statistics requirement, students take two courses with content that advances beyond Quantitative Methods I and II.

Admission Requirements:

Applicants must fulfill the requirements of both the the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- a resume or curriculum vitae
- statement of goals relevant to the doctoral program
- three letters of recommendation
- verbal, quantitative and analytical GRE scores
- proof of English proficiency

Additional Application Information:

An applicant whose native language is not English must provide proof of English proficiency via a TOEFL score of at least 600 regardless of current residency.

The personal statement must be four to six pages, double-spaced, and address the applicant's professional goals, the applicant's strengths that will enable the applicant to succeed in the program, a detailed description of past research experience, relevant professional experiences or responsibilities, and specific personal research interests. The applicant also must identify two or three faculty members whose research interests match their own and explain why they are good matches.

Three letters of recommendation are required. These must include at least one from an instructor at the applicant's institution where undergraduate or graduate work was completed. The letters should be from people who know the applicant in a professional or academic capacity. Letters from family members or friends do not meet this criterion.

Students should see the program website for full application deadlines.

Contact Information:

Liberal Arts & Sciences, The College of
Sanford School of Social and Family Dynamics
<https://thesanfordschool.asu.edu/degree-programs/graduate-programs/family-and-human-development-phd>
SS 144
graduatesanford@asu.edu
480-965-6978

Film and Media Studies, MAS (LAAMPCMAS)

Online Degree Search Title: Film and Media Studies, MAS

Campus: Online

Program Description:

The MAS program in film and media studies features innovative approaches to the study of film, television and digital media. Students learn historic methods, critical theory and creative expression through a diverse range of course offerings. Delivered exclusively online, the program explores the aesthetic, industrial, social and cultural dimensions of American media production within a dynamic, interactive and flexible learning environment.

The program offers students skill development in media analysis and history and industry practices for film, television and digital platforms. The program is designed to give students a critical media education across a wide range of texts and platforms.

Degree Requirements:

30 credit hours and a written comprehensive exam.

Required Core (9 credit hours)

FMS 502 Hollywood Film Historiography (3)

FMS 504 Film Analysis (3)

FMS 520 Cultural History of US Television: Theory and Method (3)

Electives (21 credit hours)

Culminating Experience (0 credit hours)

written comprehensive exam

Additional Curriculum Information

The program consists of nine credit hours of core courses, 21 credit hours of electives and a written comprehensive exam. Students should review the webpage and then consult the director.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00= "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00= "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- statement of purpose
- resume or curriculum vitae
- letters of recommendation (optional)
- application essay
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Students should see the Department of English website for specific details about English proficiency requirements.

The two-page statement of purpose should describe past academic work, reasons for pursuing the Master of Advanced Study, and the skills that prepare the applicant for this degree.

Applicants are asked to write and submit a three-page essay that assesses their knowledge of media theory and critical analysis skills. The subject of the essay is given in the online application. Applicants should demonstrate the ability to write well and construct a persuasive critical argument. Appropriate secondary sources should be used in this essay.

While letters of recommendation are optional, applicants may include two or three letters in their application. Recommenders should be former teachers or supervisors, addressing the applicant's academic performance, motivation and character.

An interview via Skype may be requested before final admission decisions are made.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/graduate/master-advanced-study-american-media-and-popular-culture/>)

Contact Information:

Liberal Arts & Sciences, The College of
Department of English
<https://english.asu.edu/degrees/grad/masters-film-media>
RBHL 125
enggrad@asu.edu
480-965-3194

French (Comparative Literature), MA (LAFRECLMA)

Online Degree Search Title: French Comparative Literature, MA

Campus:

Program Description:

The MA in French comparative literature provides students with an opportunity to develop an advanced knowledge of French and of Francophone and other world literatures, histories and major works. Students also develop a sound knowledge of the traditions, aims and methods of scholarly research in the field.

Degree Requirements:

30 credit hours including the required applied project course (FRE 593) and a written comprehensive exam.

Graduate students may take only 500-level courses for graduate credit. At least nine credit hours must be selected from those courses listed exclusively for graduate students. The program must include:

- FRE 500 Bibliography and Research Methods (3)
- two courses in linguistics, civilization or translation, of which one course must be in linguistics
- one course in critical or cultural theory

It is recommended that the candidate enroll in FRE 500 as early as possible.

A minimum of four core courses offered by the French section must be selected from any combination of the following categories:

- Francophone studies courses
- genre courses
- period courses

When approved by the graduate committee, up to six credit hours of related coursework may be taken outside of French.

A student must achieve a grade of "B" (3.00 on a 4.00 scale) or higher in all work specifically included in the plan of study. Grades below a "C" (2.00) cannot be used to meet the requirements of a graduate degree. No student may accumulate more than one incomplete at any one time.

Independent study courses are given only under exceptional circumstances and do not duplicate courses which are available. The French graduate committee is responsible for authorizing such work in cooperation with the individual professor. No more than three credit hours of independent study is permitted.

Students must complete an applied project.

The written examination for the concentration in comparative literature is administered by the interdepartmental committee for comparative literature and consists of two essay-based components: general concepts of comparative literature and problems of comparative literature.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in French from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- personal statement
- writing sample

- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The writing sample should represent the applicant's thinking as well as writing skills, and it should be written in French on a topic connected with the language or French culture. The writing sample should be approximately five to 10 pages in length.

Those who lack the appropriate background but who show strong potential and meet the Graduate College admission requirements may be admitted to a graduate program on a provisional basis, pending removal of specified deficiencies. These deficiencies must be completed in addition to the regular program of study for the master's degree.

Contact Information:

Liberal Arts & Sciences, The College of
 School of International Letters and Cultures
<https://silc.asu.edu/degrees/grad/french-comparative-literature-ma>
 LL 440
 silc@asu.edu
 480-965-6281

French (Linguistics), MA (LAFRELINMA)

Online Degree Search Title: French Linguistics, MA

Campus:

Program Description:

The MA in French linguistics provides students with the opportunity to develop an advanced knowledge of current linguistic theory as it applies to French as well as a sound grounding in the tools necessary to carry out linguistic research.

Degree Requirements:

30 credit hours including the required applied project course (FRE 593) and a written comprehensive exam.

The plan of study for the master's degree includes:

- an applied project
- a minimum of 30 credit hours of graduate-level work as approved by the candidate's supervisory committee
- a 500-level bibliography and research methods course offered by the department
- in some programs, six credit hours in another language or in closely related courses (when approved by the candidate's supervisory committee)

All candidates are required to pass a comprehensive written examination designed to evaluate the candidate's knowledge in the area of specialization. A reading list as agreed upon serves as a guide to prepare for this examination.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in French from a regionally accredited institution.

Applicants must have a minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- personal statement
- writing sample
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Those who lack the appropriate background but who show strong potential and meet the Graduate College admission requirements may be

admitted to a graduate program on a provisional basis, pending removal of specified deficiencies. These deficiencies must be completed in addition to the regular program of study for the master's degree.

The writing sample should represent the applicant's thinking as well as their writing skills, and it should be written in French on a topic connected with the language or French culture; it should be approximately five to 10 pages in length.

Contact Information:

Liberal Arts & Sciences, The College of
School of International Letters and Cultures
<https://silc.asu.edu/degrees/grad/french-linguistics-ma>
LL 440
silc@asu.edu
480-965-6281

French (Literature), MA (LAFRELITMA)

Online Degree Search Title: French Literature, MA

Campus:

Program Description:

The MA in French literature provides students with an opportunity to develop an advanced knowledge of French and Francophone literature, its history and major works, as well as a sound knowledge of the traditions, aims and methods of scholarly research in the field.

Degree Requirements:

30 credit hours including the required applied project course (FRE 593) and a written comprehensive exam.

The plan of study for the master's degree includes:

- an applied project
- a minimum of 30 credit hours of graduate-level work, as approved by the candidate's supervisory committee
- a 500-level bibliography and research methods course offered by the department

When approved by the candidate's supervisory committee, six credit hours in another language or in closely related courses may be included in the program.

All candidates are required to pass a comprehensive written examination designed to evaluate the candidate's knowledge in the area of specialization. A reading list, as agreed upon, serves as a guide to prepare for this examination.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in French from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- personal statement
- writing sample
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Those who lack the appropriate background but who show strong potential and meet the Graduate College admission requirements may be admitted to a graduate program on a provisional basis, pending removal of specified deficiencies. These deficiencies must be completed in addition to the regular program of study for the master's degree.

The writing sample should represent the applicant's thinking and writing skills, and it should be written in French on a topic connected with the language or French culture; it should be approximately five to 10 pages in length.

Contact Information:

Liberal Arts & Sciences, The College of
School of International Letters and Cultures
<https://silc.asu.edu/degrees/grad/french-literature-ma>
LL 440
silc@asu.edu
480-965-6281

Gender Studies, PHD (LAGSTPHD)

Online Degree Search Title: Gender Studies, PhD

Campus: Tempe

Program Description:

The gender studies PhD program is part of the nation's first School of Social Transformation. The diverse community of scholars takes an innovative approach to the study of social justice by uniting multiple academic disciplines to strategically create social change that is democratic, inclusive and just.

The inclusive gender studies doctoral program empowers tomorrow's community leaders and shapers by immersing them in:

- ASU's on-campus Digital Humanities research lab
- creative and critical knowledge production
- deep fluency in feminist theory and practical applications
- publicly engaged academic research
- socially embedded community partnerships

The connections between social locations, community and lived experience are the foundation of the research, teaching and community engagement. Faculty and students explore these intersections from a holistic perspective that goes beyond the classroom.

Degree Requirements:

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (12 credit hours)

WST 601 Critical Concepts of Gender (3)

WST 602 Mapping the Intersections of Gender (3)

WST 603 Engendering Methodology (3)

WST 701 Research Design and Proposal Development in Gender Studies (3)

Elective Coursework in Methodology (6 credit hours)

Elective Coursework in Specialization (12 credit hours)

General Electives (30 credit hours)

Research and Dissertation (24 credit hours)

Additional Curriculum Information

When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used for this degree. If students do not have a previously awarded master's degree, the 30 hours of coursework is made up of electives to reach the required 84 credit hours.

Students should see the academic unit for a complete list of approved electives.

The gender studies doctoral program is designed to provide students with the transdisciplinary training in theory and methods needed to conduct original research and scholarship about gender.

Students must maintain an average GPA of 3.50 (scale is 4.00 = "A") in their courses.

Students also take two research methods courses relevant to their dissertation, plus additional courses chosen across faculty's areas of expertise.

Gender, Justice and Social Change --- Courses in this area explore the gender dimension of social structures, institutions and organizations; the processes of social change and community development; and the ways policies and laws can change gender relations. Faculty have expertise in:

- child welfare
- domestic violence
- globalization
- immigration
- labor and employment
- social policy
- sustainability
- transnational feminisms
- women's rights, sexuality and gender equality in the Global South

Health, Science and Technology --- Courses in this area explore the impact of gender on health care, health occupations, science and technology and health, science and technology policy. Faculty have expertise in:

- bioethics
- gender and technology
- health and sexuality
- HIV and AIDS prevention
- adolescent pregnancy and parenting in the Global South

Visual and Narrative Culture --- Courses in this area explore historical and contemporary representations of gender in all genres, including art, literature, popular culture, scientific, medical, historical and legal discourse, and theater and performance. Faculty have expertise in:

- intersections of gender representations with representations of race, sexuality, disability and class
- literature, theatre and performance, film, music and media
- representation as discourse
- affect theory
- literary theory
- performance theory
- queer of color critique

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

The gender studies program welcomes applications from qualified students without regard to race, creed, color, religion, sex or national origin. Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official copies of all undergraduate and graduate transcripts
- resume or curriculum vitae
- statement of purpose
- three letters of reference, preferably from faculty or other researchers
- writing sample (10 to 15 pages)
- proof of English language proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Students should see the ASU Graduate Admission Services website for mailing addresses and further admission information.

For additional financial information, students should consult the Financial Aid and Scholarship Services website at <https://students.asu.edu/financial-aid> (<https://students.asu.edu/financial-aid>).

Contact Information:

Liberal Arts & Sciences, The College of
School of Social Transformation
<https://sst.asu.edu/degrees/grad/gender-studies-phd>
WILSN 125

SSTgraduate@asu.edu
480-965-7682

Gender Studies (certificate), Certificate (LAWSTGRCT)

Online Degree Search Title: Gender Studies (Graduate Certificate)

Campus: Tempe

Program Description:

The graduate certificate program in gender studies offers graduate students the opportunity to enhance their advanced degrees with demonstrated proficiency and knowledge about gender research and theories that they may apply in their own fields.

The certificate is pursued in tandem with any graduate degree program at ASU.

Degree Requirements:

15 credit hours.

Required Core (6 credit hours)

WST 601 Critical Concepts in Gender (3)

WST 602 Mapping the Intersections of Gender (3)

Electives (9 credit hours)

Additional Curriculum Information

Elective courses may be chosen from other WST graduate courses or from more than 30 approved courses from other departments throughout the university. Other courses may also be used with the graduate director's approval.

Up to six credit hours not used for another ASU degree or certificate can be transferred from another university, with the graduate director's approval. Courses should be recorded on the transfer section of the student's interactive program of study.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the United States on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

The certificate is not offered as a stand-alone, certificate-only program. It is open only for degree-seeking students. However, up to nine credit hours of ASU nondegree credit can be transferred into the program for those who eventually gain admission into an ASU graduate degree program.

Students should see the program website for more information about the certificate and to design coursework.

Contact Information:

Liberal Arts & Sciences, The College of
School of Social Transformation
<https://sst.asu.edu/content/gender-studies-grad-certificate>
WILSN 125
SSTgraduate@asu.edu

Geographic Education, MAS (LAGEOEDMAS)

Online Degree Search Title: Geographic Education, MAS

Campus: Tempe, Online

ASU is not currently accepting applications for this program.

Program Description:

The MAS program in geographic education provides teachers with the opportunity to obtain a highly qualified status in geographic education. The degree program is intended for K-12 teachers and is appropriate for both elementary and secondary school teachers.

Degree Requirements:

30 credit hours and an applied project.

Required Core (3 credit hours)

COE 501 Introduction to Research and Evaluation in Education (3)

Geography Coursework (24 credit hours)

Culminating Experience (3 credit hours)

DCI 593 Applied Project (3) or

SED 593 Applied Project (3)

Additional Curriculum Information

Students should see the academic unit for an approved course list.

Students are required to have access to a computer with an Internet connection and the capability to view video and animated files with sound, access to email, and access to a word processing program.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's degree in education, geography or related area from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- personal statement
- resume
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Letters of recommendation must be from three people who can attest to the applicant's academic and professional achievements. One letter must be from a former instructor.

Contact Information:

Liberal Arts & Sciences, The College of

School of Geographical Sciences and Urban Planning

<https://sgsup.asu.edu/degree-programs/graduate-degrees>

COOR 5671

SGSUP.gradprograms@asu.edu

480-965-7533

Geographic Information Science (certificate), Certificate (LAGEOGISCE)

Online Degree Search Title: Geographic Information Science (Graduate Certificate)

Campus: Tempe

Program Description:

Geographic information scientists have the ability to not only map out information, but to provide a deeper understanding of the world and the interactions around us. Combining the disciplines of computer science, statistics and geography, geographic information sciences can help to answer the what, where, why and how for questions that span areas of interest in many industries.

The geographic information sciences certificate program teaches students the theoretical aspects of GIS, the technical side of the discipline and applications of the science. Students learn how to analyze policy problems and research questions from a spatial lens, acquire and analyze remotely sensed data, and model spatial phenomenon.

Skills in geographic information science and geospatial data analytics offer students market-ready tools for turning novel sources of spatial data into informed practice and prepare students to address issues such as climate change, population growth and aging and active transportation. The certificate program enables ASU graduate students from all disciplines and GIS professionals to learn how to apply GIS concepts and technology to build invaluable problem-solving skills.

The certificate is intended as either a specialization within an existing master's degree or a stand-alone nondegree program for practicing professionals with a previously earned graduate degree.

Degree Requirements:

16 credit hours including the required capstone course (GPH 591 or GIS 591).

a capstone seminar (1)
three required courses (9)
two elective courses (6)

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they are currently pursuing a master's degree at ASU or have earned a master's degree and are currently practicing professionals.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- personal statement
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission be considered for admission to this certificate program.

The personal statement must be a one-page letter describing the applicant's overall objective for the GIS certificate program. It should clearly state the applicant's interest in GIS and provide evidence that the certificate will enhance the applicant's education or current employment.

Currently practicing professionals must submit a final transcript from the master's degree-granting institution.

Contact Information:

Liberal Arts & Sciences, The College of
School of Geographical Sciences and Urban Planning
<https://sgsup.asu.edu/giscert>
COOR 5671
SGSUP.gradprograms@asu.edu
480-965-7533

Geographic Information Systems, MAS (LAGISMAS)

Online Degree Search Title: Geographic Information Systems, MAS

Campus: Tempe

Program Description:

The MAS in geographic information systems is a compact, one-year degree program fostering advanced study in the management and use of GIS technology in public and corporate environments. The degree program meets important educational needs of working professionals and recent college graduates seeking to improve their career standing. The program provides a comprehensive professional program that balances work in the theoretical and technical aspects of GIS with the applications domain. Students are exposed to innovative technology with a focus on building invaluable problem-solving skills, and the opportunity to work on real-world GIS projects.

Students prepare for careers in private and public industry in which employees with these skill sets are needed for a wide range of positions, such as software developers, GIS analysts, mapping engineers, real estate researchers and more. The program places the focus on location --- the heart of geography and GIS. From that foundation, students learn advanced modeling solutions in GIS and Earth-observing as well as how to integrate computer science, statistics and geography to address a multitude of questions.

Small class sizes ensure quality attention from the faculty, and classes are held in the evening during the week, allowing flexibility for the working professional. The degree is achievable in a one-year time period. A new cohort begins the program each August, with students attending evening classes during the fall and spring semesters. Upon completion of the spring semester, students select a project to complete during a summer eight-week session. Final presentations take place in mid-July, and in fewer than 11 months the degree program is complete.

Degree Requirements:

30 credit hours including the required applied project course (GPH 693 or GIS 693).

Required Core (24 credit hours)

GIS 601 Introduction to Geographic Information Systems (2)

GIS 602 Intermediate GIS (2)

GIS 603 Spatial Statistics and Modeling (2)

GIS 604 Implementation in the Corporate and Public Sectors (2)

GIS 605 GIS Project Planning and Implementation (2)

GIS 606 GIS Project Presentation (2)

GIS 610 Programming the GIS Environment (3)

GIS 630 GIS Technologies (3)

GIS 640 GIS and Business (3)

GIS 650 GIS for the Internet (3)

Other Requirement (3 credit hours)

GIS 684 Internship (3)

Culminating Experience (3 credit hours)

GIS 693 Applied Project (3) or

GPH 693 Applied Project (3)

Additional Curriculum Information

Other requirement coursework may be substituted with approval of the academic unit.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's degree in a related field from a regionally accredited institution or if they demonstrate a minimum of three years related professional experience with a bachelor's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- personal statement
- resume
- two letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Applicants must prepare a formal, written personal statement regarding relevant academic experience, professional experience and overall interest in GIS.

Letters of recommendation must be from two people who can attest to the applicant's academic and professional achievements. Letters can be from any combination of current or former instructors, supervisors or professionals currently employed within the GIS or related discipline.

Contact Information:

Liberal Arts & Sciences, The College of
School of Geographical Sciences and Urban Planning
<https://sgsup.asu.edu/degree-programs/graduate-degrees/master-gis>
COOR 5671
SGSUP.gradprograms@asu.edu
480-965-7533

Geography, MA (LAGEOGMA)

Online Degree Search Title: Geography, MA

Campus: Tempe

Program Description:

The MA in geography program is designed to offer specialized academic and professional training in geography so students may secure a sound graduate background for further specialization or for immediate employment. Graduates of the program find career opportunities in public and private industries, including education, government agencies and research facilities, as well as continue on to pursue doctoral degrees. The program has sufficient flexibility to allow for individual needs and interests, allowing students to create a plan of study that fits their personal and professional goals.

In addition to innovative coursework, the state-of-the-art research centers Spatial Analysis Research Center and Urban Climate Research Center offer students the opportunity to work with exceptional faculty on diverse research projects. Students have the opportunity to work alongside some of the brightest minds in geography, including four members of the National Academy of Sciences and rising talent in the fields of urban heat island research, GIS and more.

Students earning the MA in geography have the ability to build a path of knowledge that reflects their personal interests within the realms of geography. Students benefit from a wide variety of coursework and research opportunities in four broad interdisciplinary themes that span the expertise of the faculty within the School of Geographical Sciences and Urban Planning:

- computational spatial science
- earth systems and climate science
- place, identities and culture
- sustainability science and studies

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Geography, BA

Geography, BS

Geography (Meteorology-Climatology), BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

30 credit hours and a thesis.

Required Core (6 credit hours)

GCU 529 Contemporary Geographic Thought (3)

GCU 585 Geographic Research Design and Proposal Writing (3)

Other Requirement (2 credit hours)

GCU 591 Seminar: Geography Colloquium (1), or

GPH 591 Seminar: Geography Colloquium (1)

Electives (16 credit hours)

Culminating Experience (6 credit hours)

GCU 599 Thesis (6), or

GPH 599 Thesis (6)

Additional Curriculum Information

Students will take the other requirement seminar course twice. Once in each of the first two semesters of the program for one credit hour each.

Other coursework may be used with approval of the academic unit

Students select additional elective coursework in consultation with their advisory committee.

The School of Geographical Sciences may consider a student for a traditional master's degree program that includes the successful defense of a thesis. Master's degree students must complete the coursework at ASU.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00="A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- personal statement
- resume
- GRE scores
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The personal statement must address four items:

- What specialty in geography does the applicant wish to pursue, and why?
- What aspects of the applicant's education (a description is needed) will enable the student to pursue this specialty?
- What additional training does the applicant believe can be obtained at Arizona State University to realize the applicant's educational and career goals?
- Applicants should provide any other information they feel should be considered in their application for admission (e.g., research experience or information which might be drawn from the applicant's resume).

Letters of recommendation must be from three faculty members who can attest to the applicant's academic achievements.

Contact Information:

Liberal Arts & Sciences, The College of
School of Geographical Sciences and Urban Planning
<https://sgsup.asu.edu/degree-programs/graduate-degrees/master-geography>
COOR 5671
SGSUP.gradprograms@asu.edu
480-965-7533

Geography, PHD (LAGEOPHD)

Online Degree Search Title: Geography, PhD

Campus: Tempe

Program Description:

The PhD in geography program offers specialized academic and professional training in geography so students may secure a sound graduate background for further specialization or for immediate employment. Graduates of the program find career opportunities in public and private industries, including education, government agencies and research facilities, as well as continue on to pursue doctoral degrees. The program has sufficient flexibility to allow for individual needs and interests, allowing students to create a plan of study that fits their personal and professional goals.

In addition to innovative coursework, the state-of-the-art research centers Spatial Analysis Research Center and Urban Climate Research Center offer students the opportunity to work with exceptional faculty on diverse research projects. Students have the opportunity to work alongside some of the brightest minds in geography, including four members of the National Academy of Sciences and rising talent in the fields of climate science, sustainability and environmental science, urban heat island research, GIS and more.

Students in the program have the ability to build a path of knowledge that reflects their personal interests within the realms of geography. Students benefit from a wide variety of coursework and research opportunities in four broad interdisciplinary themes that span the expertise of the faculty within the School of Geographical Sciences and Urban Planning:

- computational spatial science
- earth systems and climate science
- place, identities and culture
- sustainability science and studies

Degree Requirements:

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (3 credit hours)

GCU 585 Geographic Research Design and Proposal Writing (3)

Electives or Research (58 credit hours)

Other Requirement (11 credit hours)

GCU 529 Contemporary Geographic Thought (3)

GCU 591 Seminar (3)

GPH 591 Seminar (3)

GCU 591 Seminar: Geography Colloquium (1), or

GPH 591 Seminar: Geography Colloquium (1)

Culminating Experience (12 credit hours)

GCU 799 Dissertation (12)

Additional Curriculum Information

Doctoral students entering with a bachelor's degree must complete 84 credit hours. These hours include 72 credit hours of coursework and research at ASU and 12 dissertation credit hours.

Doctoral students entering with a master's degree must complete 54 credit hours. These include 42 credit hours of combined coursework and research hours at ASU and 12 dissertation credit hours.

Coursework and research hours are selected by the student in consultation with an advisory committee.

Students take the other requirement seminar course twice, once in each of the first two semesters of the program for one credit hour each. Other courses may be used with approval of academic unit

Up to six credit hours of 400-level coursework may be applied toward the plan of study.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- personal statement
- resume
- GRE scores
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Incoming students must demonstrate or attain competence in cartography and quantitative methods and complete other basic coursework that will enable them to pursue graduate studies in their area of specialization.

The personal statement must address four items:

- What specialty in geography does the applicant wish to pursue, and why?
- What aspects of the applicant's education (a description is needed) will enable the student to pursue this specialty?
- What additional training does the applicant believe can be obtained at Arizona State University to realize the applicant's educational and career goals?
- Applicants should provide any other information they feel should be considered in their application for admission (e.g., research experience or information which might be drawn from the applicant's resume).

Letters of recommendation must be from three faculty members who can attest to the applicant's academic achievements.

Contact Information:

Liberal Arts & Sciences, The College of
School of Geographical Sciences and Urban Planning
<https://sgsup.asu.edu/degree-programs/graduate-degrees/phd-geography>
COOR 5671
SGSUP.gradprograms@asu.edu
480-965-7533

Geological Sciences, MS (LAGEOSCMS)

Online Degree Search Title: Geological Sciences, MS

Campus: Tempe

Program Description:

The MS program in geological sciences is designed to provide fundamental graduate training in geology. Students are encouraged to cross subject boundaries and pursue new understandings of Earth and the solar system.

Graduates of the program are prepared for further graduate study or for careers in geochemistry, field geology, geomorphology, structure and tectonics, mineralogy and petrology, geophysics, planetary geology, hydrology, volcanology, Earth observation and remote sensing, and related areas, including geoscience education.

Degree Requirements:

30 credit hours and a thesis.

Required Core (1 credit hour)
SES 502 Exploring SESE Research (1)

Electives or Research (22 credit hours)

Other Requirements (1 credit hour)

SES 501 SESE Colloquium (1)

Culminating Experience (6 credit hours)

SES 599 Thesis (6)

Additional Curriculum Information

Substitutions for Other Requirements may be made per department approval.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program.

All applicants must submit:

- graduate admissions application and application fee
- official transcripts
- statement of purpose
- GRE scores
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Applicants should see the program website for application deadlines.

Contact Information:

Liberal Arts & Sciences, The College of

School of Earth and Space Exploration

<https://sese.asu.edu/degrees/graduate/geological-sciences-ms>

ISTB4 795

sese-grad@asu.edu

480-965-5081

Geological Sciences, PHD (LAGEOSCPHD)

Online Degree Search Title: Geological Sciences, PhD

Campus: Tempe

Program Description:

The PhD program in geological sciences is designed to develop creative scholarship in the terrestrial and planetary geosciences. Students are encouraged to cross subject boundaries and pursue new understandings of Earth and the solar system. The geological sciences PhD program prepares students for academic and professional careers in geological science fields such as geochemistry, field geology, geomorphology, structure and tectonics, mineralogy and petrology, geophysics, planetary geology, hydrology, volcanology, Earth observation and remote sensing, and related areas, including geoscience education.

Degree Requirements:

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (1 credit hour)

SES 502 Exploring SESE Research (1)

Electives or Research (70 credit hours)

Other Requirements (1 credit hour)

SES 501 SESE Colloquium (1)

Culminating Experience (12 credit hours)

SES 799 Dissertation (12)

Additional Curriculum Information

When approved by the students supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree in a related field to be used for this degree. Substitutions for Other Requirements may be made per department approval.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admissions application and application fee
- official transcripts
- statement of purpose
- GRE scores
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Contact Information:

Liberal Arts & Sciences, The College of

School of Earth and Space Exploration

<https://sese.asu.edu/degrees/graduate/geological-sciences-phd>

ISTB4 795

sese-grad@asu.edu

480-965-5081

German, MA (LAGERMMA)

Online Degree Search Title: German, MA

Campus: Tempe

Program Description:

The faculty in the School of International Letters and Cultures offer graduate programs leading to the MA degree with a major in German. Students admitted to the master's degree program with a major in secondary education may select German as their subject matter field.

Degree Requirements:

30 credit hours and a thesis, or 30 credit hours including the required applied project course (GER 593).

The plan of study for the master's degree includes a minimum of 30 credit hours of graduate-level work and a thesis or an applied project, as approved by the candidate's supervisory committee. The program must include a 500-level bibliography and research methods course offered by the school. When approved by the candidate's supervisory committee, nine credit hours in another language or in closely related courses may be included in the program.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in German, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- personal statement
- resume or curriculum vitae
- writing sample
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Those who lack this background but who show strong potential and meet the Graduate College admission requirements may be admitted to a graduate program on a provisional basis, pending removal of specified deficiencies. These deficiencies must be completed in addition to the regular program of study for the master's degree.

The writing sample should represent the applicant's thinking as well as their writing skills, and it should be written in German on a topic connected with the German language or culture.

Contact Information:

Liberal Arts & Sciences, The College of
School of International Letters and Cultures
<https://silc.asu.edu/degrees/grad/german-ma>
LL 440
silc@asu.edu
480-965-6281

Global Health, MA (LASSHMA)

Online Degree Search Title: Global Health, MA

Campus: Tempe

Program Description:

In this MA program, global health is considered to be much more than and very different from international public health. It emphasizes that major health challenges stem from many factors well beyond disease itself --- factors that are cultural, ecological, evolutionary, historical, institutional, social and technological.

Any effective, sustainable solutions to the most pressing global health challenges need to take all of these factors into account, including the complex ways in which they relate to each other. In this manner, this degree program teaches students to understand health as not simply a product of disease, but rather emerging in the contexts of complex and interrelated ecology, politics, history, culture, social institutions and evolutionary biology. It also places primacy on how to address the broader (i.e., structural, cultural) bases of ill health in complicated, ever-changing health challenges in low-resource community settings and a globalizing world. To do this, the program combines both social and life science theories with on-the-ground research and its application. There is a strong emphasis on collaborative action as key to identifying and addressing global health problems in a sustainable and meaningful way.

Students accepted into the program are tied to ongoing transdisciplinary global health projects that address complicated, multifaceted health challenges that defy easy fixes, such as climate change-related diseases, emerging infectious diseases, and obesity.

By applying a collaborative, problem-solving format, the master's degree program in global health is intended to provide those planning to enter health or related fields (i.e., environmental, social) with the transdisciplinary orientation, team skills and social and cultural acuity that the Pew Health Professions Commission *inter alia* has identified as critical but lacking in current health workforce training. The program also emphasizes experiential learning as a way to gain mastery and requires participation in a global internship program based in one of the international partnering communities.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Global Health, BA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

30 Credit Hours including the required applied project course (SSH 593).

Required Core (3 credit hours)

ASB 510 Health: Social and Biocultural Theories (3)

Open Electives (6 credit hours)

Restricted Electives (6 credit hours)

ASB 580 Practicum (1-6)

ASB 583 Fieldwork (1-6)

ASB 584 Internship (1-6)

Other Requirements (9 credit hours)

ASB 500 Ethnographic Research Methods (3)

ASB 503 Medical Anthropology (3)

SSH 591 Seminar: Principles of Epidemiology for Global Health (3)

Culminating Experience (6 credit hours)

SSH 593 Applied Project (6)

Additional Curriculum Information

For restricted electives, students complete at least six credit hours from the list above.

Substitutes may be permitted by the graduate director for other requirement and restricted elective coursework. Additional methods-focused courses or graduate-level epidemiology courses can count toward these requirements.

Applied projects are completed in consultation with a faculty advisor. Students may use the fieldwork, internship or practicum experience as part of the research for the applied project.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in the social or life sciences (i.e., anthropology, sociology, gender studies, geography, political science), public health or related fields (i.e., nutrition, human biology) from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00="A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00="A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- personal statement outlining educational and professional goals
- current curriculum vitae or resume
- GRE scores
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Applicants may submit an optional scholarly writing sample, not to exceed 20 to 30 double-spaced pages, to be included in their application materials.

Admission is competitive and based on student academic excellence, additional relevant experience, and fit with available faculty. Value is placed on foreign language skills; practical, cross-cultural and international experiences; and prior social science and life science research.

Contact Information:

Liberal Arts & Sciences, The College of
School of Human Evolution & Social Change
<https://shesc.asu.edu/degrees/global-health-ma>
SHESC 233

Global Health, PHD (LASSHPHD)

Online Degree Search Title: Global Health , PhD

Campus: Tempe

Program Description:

The PhD in global health draws on the premise that sustainable and satisfying solutions to the most pressing global health challenges require a sophisticated understanding of how cultural context, social and ecological processes and disease are really related.

The transdisciplinary graduate program trains students broadly in cutting-edge health social science research theory and methods. While it leverages the strength in medical anthropology at ASU, including the 15 medical anthropologists on campus, it also takes advantage of a much wider set of skills offered by experts in such fields as medical sociology, demography, human geography and epidemiology. The program is designed to train those who anticipate working in transdisciplinary academic settings, medical schools or nonacademic health settings, such as the commercial sector, government agencies or nongovernmental organizations.

Some particular thematic foci of the program are biocultural approaches to human coping, computer-based complexity modeling, culture and health, health in the Americas, and indigenous and minority health, as well as mathematical epidemiology, nutritional anthropology, social justice and vulnerable populations, social networks, and urban and environmental health.

The program draws some 80 faculty members from throughout the university to consider how cutting-edge social science can be applied to understand and substantively improve the health of populations. The program favors community-based research and runs collaborative projects in which students are encouraged to gain experience and conduct research, from large U.S. cities to hunter-gatherer communities.

Students generally enter the program with a master's degree in a relevant field.

Degree Requirements:

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (3 credit hours)

ASB 510 Health: Social and Biocultural Theories (3)

Electives (41 credit hours)

Other Requirements (16 credit hours)

ASB 500 Ethnographic Research Methods (3)

ASB 591 Topic: Professionalism (1)

ASM 579 Proposal Writing (3)

SSH 591 Topic: Principles of Epidemiology for Global Health (3)

systematic methods courses (6)

Research (12 credit hours)

SSH 792 Research (12)

Culminating Experience (12 credit hours)

ASB 799 Dissertation (12)

Additional Curriculum Information

For electives, students should see the academic unit for a course list approved by the chair.

Other requirement coursework may be substituted with the approval of the academic unit. At least two systematic methods courses in an area other than epidemiology or biostatistics and ethnography (such as nutrition, survey, archival analysis, demography or geographic information systems) should be selected.

When approved by the student's supervisory committee and the Graduate College, this program may allow up to 30 credit hours from a previously awarded master's degree to be used for this program. If students do not have a previously awarded master's degree, the remaining coursework will be made up of electives.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- personal statement outlining educational and professional goals
- current curriculum vitae or resume
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Suitable backgrounds for admission include a master's degree in the social sciences (such as anthropology or sociology), public health, human biology or related fields. Students entering directly from a bachelor's degree program should have already completed at least 15 credit hours of social science and six hours of human biology (or equivalent) at the senior level, and also should have some background in statistics or epidemiology.

Applicants may submit with their application materials an optional scholarly writing sample of at least 20 but no more than 30 double-spaced pages.

Contact Information:

Liberal Arts & Sciences, The College of
School of Human Evolution & Social Change
<https://shesc.asu.edu/degrees/global-health-phd>
SHESC 233
shesc.grad@asu.edu
480-965-6215

Global Health (Complex Adaptive Systems Science), PHD (LASSHCPHD)

Online Degree Search Title: Global Health (Complex Adaptive Systems Science), PhD

Campus: Tempe

Program Description:

The PhD program in global health draws on the premise that sustainable and satisfying solutions to the most pressing global health challenges require a sophisticated understanding of how cultural context, social and ecological processes and disease are really related.

This transdisciplinary graduate program trains students broadly in cutting-edge health social science research theory and methods. While it leverages the strength in medical anthropology at ASU, including the 15 medical anthropologists on campus, it also takes advantage of a much wider set of skills offered by faculty from such fields as medical sociology, demography, human geography and epidemiology. The program is designed to train those who anticipate working in transdisciplinary academic settings, medical schools or nonacademic health settings, such as the commercial sector, government agencies or nongovernmental organizations.

Some particular thematic foci of the program are:

- biocultural approaches to human coping
- computer-based complexity modeling
- culture and health
- health in the Americas
- indigenous and minority health
- mathematical epidemiology
- nutritional anthropology
- social justice and vulnerable populations
- social networks
- urban and environmental health

The program draws together some 80 faculty members from across the university to consider how cutting-edge social science can be applied to understand and substantively improve the health of populations. The program favors community-based research and runs collaborative projects in which students are encouraged to gain experience and conduct research, from large U.S. cities to hunter-gatherer communities. Students generally enter the program with a master's degree in a relevant field.

The complex adaptive systems science doctoral concentration trains the next generation of scientists in advanced concepts and methods needed for approaching diverse phenomena in the social and life sciences. The program is tightly integrated with diverse, ongoing, university-wide research on complex adaptive systems perspective at Arizona State University and emphasizes the value of a complex adaptive systems science perspective to give better insight and a more active role in seeking solutions to a broad array of critical issues facing our society today. Students become fluent in the common language of complexity while also receiving a solid foundation in the domain knowledge of existing academic disciplines.

Degree Requirements:

84 credit hours, a written comprehensive exam, a prospectus and a dissertation.

Required Core (3 credit hours)

ASB 510 Health: Social and Biocultural Theories (3)

Concentration (15 credit hours)

ASM 570 Fundamentals of CAS Science (3)

complex adaptive systems science application course (3)

complex adaptive systems science mathematics course (3)

complex adaptive systems science modeling course (3)

complex adaptive systems science related research course (3)

Electives (26 credit hours)

Other Requirements (16 credit hours)

ASB 500 Ethnographic Research Methods (3)

ASB 591 Topic: Professionalism (1)

ASM 579 Proposal Writing (3)

SSH 591 Topic: Principles of Epidemiology for Global Health (3)

systematic methods courses (6)

Research (12 credit hours)

SSH 792 Research (12)

Culminating Experience (12 credit hours)

ASB 799 Dissertation (12)

Additional Curriculum Information

Students should see the academic unit for approved concentration coursework.

For electives, students should see the academic unit for a course list approved by the chair.

Other requirement coursework may be substituted with the approval of the academic unit. At least two systematic methods courses in an area other than epidemiology or biostatistics and ethnography, such as nutrition, survey, archival analysis, demography, or geographic information system, should be selected.

When approved by the student's supervisory committee and the Graduate College, this program may allow up to 30 credit hours from a previously awarded master's degree to be used for this program. If students do not have a previously awarded master's degree, the remaining coursework will be made up of electives.

Student doctoral dissertations should include the application of complex adaptive systems concepts and methods in their field of study, and students typically have a member of the complex adaptive systems science graduate faculty as a member of their doctoral supervisory committee.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts

- personal statement outlining educational and professional goals
- current curriculum vitae or resume
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Suitable backgrounds for admission include a master's degree in the social sciences (such as anthropology or sociology), public health, human biology or related fields. Students entering directly from a bachelor's degree program should already have completed at least 15 credit hours of social science and six credit hours of human biology, or equivalent, at the senior level and should also have some background in statistics or epidemiology.

Applicants may submit with their application materials an optional scholarly writing sample of at least 20 but no more than 30 double-spaced pages.

Contact Information:

Liberal Arts & Sciences, The College of
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<https://shesc.asu.edu/degrees/global-health-phd/cass>
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 480-965-6215

Global Health (Culture and Health), PHD (LASSHCHPHD)

Online Degree Search Title: Global Health (Culture and Health), PhD

Campus: Tempe

ASU is not currently accepting applications for this program.

Program Description:

The PhD in global health draws on the premise that sustainable and satisfying solutions to the most pressing global health challenges require a sophisticated understanding of how cultural context, social and ecological processes, and disease are really related.

The transdisciplinary graduate program trains students broadly in cutting-edge health social science research theory and methods. While it leverages the strength in medical anthropology at ASU, including the 15 medical anthropologists on campus, it also takes advantage of a much wider set of skills offered by such fields as medical sociology, demography, human geography and epidemiology. It is designed to train those who anticipate working in transdisciplinary academic settings, medical schools or nonacademic health settings, such as the commercial sector, government agencies or nongovernmental organizations.

Some particular thematic foci of the program are:

- biocultural approaches to human coping
- computer-based complexity modeling
- culture and health
- health in the Americas
- indigenous and minority health
- mathematical epidemiology
- nutritional anthropology
- social justice and vulnerable populations
- social networks
- urban and environmental health

The program draws together some 80 faculty members from across the university to consider how cutting-edge social science can be applied not only to understand, but also to substantively improve the health of populations. The program favors community-based research and runs collaborative projects in which students are encouraged to gain experience and conduct research, from large U.S. cities to hunter-gatherer communities. Students generally enter the program with a master's degree in a relevant field.

The concentration in culture and health provides focused, specialized training in theories and methods for researching the relationship between culture and health. This concentration utilizes the perspectives of medical anthropology and sophisticated ethnographic methods to study and interpret the role of cultural and social differences in shaping health. Students investigate these methods in the context of the community-based, participatory approaches that tend to promote the most mutually meaningful and lasting health solutions. Graduates are thus particularly prepared for leadership in addressing health disparities in cross-cultural settings and with the most vulnerable populations. This includes very complex, difficult settings where particularly nuanced and sophisticated (often anthropological) understandings of health-related challenges are needed.

Degree Requirements:

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (3 credit hours)

ASB 510 Health: Social and Biocultural Theories (3)

Concentration (12 credit hours)

ASB 503 Advanced Medical Anthropology (3)

ESS 513 Institutions (3), or ESS 514 Urban and Environmental Health (3)

SSH 503 Instructional Internship in Global Health (3)

SSH 511 Ethics in Health Social Science (3), or SSH 512 Social Science Applications in Community Health (3), or ASB 502 Applied Medical Anthropology (3)

Electives (26 credit hours)

Other Requirements (16 credit hours)

ASB 500 Ethnographic Research Methods (3)

ASB 591 Topic: Professionalism (1)

ASM 579 Proposal Writing (3)

SSH 591 Topic: Principles of Epidemiology for Global Health (3)

systematic methods courses (6)

Research (15 credit hours)

ASB 500 Ethnographic Research Methods (3)

SSH 792 Research (12)

Dissertation (12 credit hours)

ASB 799 Dissertation (12)

Additional Curriculum Information

For the concentration coursework, students select ESS 513 or ESS 514, and they also choose one course from SSH 511, SSH 512 or ASB 502.

For electives, please see the academic unit for a course list approved by the chair.

Other requirement coursework may be substituted with the approval of the academic unit. At least two systematic methods courses in an area other than epidemiology or biostatistics and ethnography (such as nutrition, survey, archival analysis, demography, or geographic information system) should be selected.

When approved by the student's supervisory committee and the Graduate College, this program may allow up to 30 credit hours from a previously awarded master's degree to be used for this program. If students do not have a previously awarded master's degree, the remaining coursework is made up of electives.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- personal statement outlining educational and professional goals
- current curriculum vitae or resume
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Suitable backgrounds for admission include a master's degree in the social sciences (such as anthropology or sociology), public health, human biology or related fields. Students entering directly from a bachelor's degree program should have already completed at least 15 credit hours of social science and six hours of human biology (or equivalent) at the senior level, and should also have some background in statistics or epidemiology.

Applicants may submit an optional scholarly writing sample, not to exceed 20 to 30 double-spaced pages, to be included in their application materials.

Contact Information:

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Global Health (Evolutionary Global Health Sciences), PHD (LASSHEPHD)

Online Degree Search Title: Global Health (Evolutionary Global Health Sciences), PhD

Campus: Tempe

ASU is not currently accepting applications for this program.

Program Description:

The PhD program in global health draws on the premise that sustainable and satisfying solutions to the most pressing global health challenges require a sophisticated understanding of how cultural context, social and ecological processes, and disease are really related.

The transdisciplinary graduate program trains students broadly in cutting-edge health social science research theory and methods. While it leverages the strength in medical anthropology at ASU (including the 15 medical anthropologists on campus), it also takes advantage of a much wider set of skills offered by such fields as medical sociology, demography, human geography and epidemiology. It is designed to train those who anticipate working in transdisciplinary academic settings, medical schools or nonacademic health settings such as commercial sector, government agencies or nongovernmental organizations.

Some particular thematic foci of the program are:

- biocultural approaches to human coping
- computer-based complexity modeling
- culture and health
- health in the Americas
- indigenous and minority health
- mathematical epidemiology
- nutritional anthropology
- social justice and vulnerable populations
- social networks
- urban and environmental health

The program draws together some 80 faculty members from throughout the university to consider how cutting-edge social science can be applied not only to understand, but also to substantively improve the health of populations. The program favors community-based research and runs collaborative projects in which students are encouraged to gain experience and conduct research, from large U.S. cities to hunter-gatherer communities. Students generally enter the program with a master's degree in a relevant field.

The concentration in evolutionary global health sciences requires training in universal principles of research design (from experiments to systematic qualitative and quantitative description), data analyses, methods (quantitative and qualitative) and anthropological interpretation (or the identification of determinants of the origins and distribution of health phenotypes in past and present human populations). Students choose from a wide range of data collection and inferential tools in order to address specific questions, through a combination of lecture and guided reading courses designed to master the highly diverse literature in evolutionary global health sciences that best pertains to their career goals.

Degree Requirements:

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (3 credit hours)

ASB 510 Health: Social and Biocultural Theories (3)

Concentration (12 credit hours)

ASB 503 Medical Anthropology (3)

ASM 560 Human Growth and Development (3)

ESS 513 Institutions (3)

ASM 456 Infectious Disease and Human Evolution (3), ESS 514 Urban and Environmental Health (3), or SSH 514 Urban and Environmental Health, or SSH 591 Topic Principles of Epidemiology for Global Health (3)

Electives (26 credit hours)

Other Requirements (16 credit hours)

ASB 500 Ethnographic Research Methods (3)

ASB 591 Topic: Professionalism (1)

ASM 579 Proposal Writing (3)

SSH 591 Topic: Principles of Epidemiology (3)

systematic methods courses (6)

Research (15 credit hours)

ASB 500 Ethnographic Research Methods (3)

SSH 792 Research (12)

Culminating Experience (12 credit hours)

ASB 799 Dissertation (12)

Additional Curriculum Information

For the concentration coursework, students choose one course from ASM 456, ESS 514, SSH 514, or SSH 591 Topic Principles of Epidemiology for Global Health.

For electives, students should see the academic unit for a course list approved by the chair.

Other requirement coursework may be substituted with the approval of the academic unit. At least two systematic methods courses in an area other than epidemiology or biostatistics and ethnography (such as nutrition, survey, archival analysis, demography, or geographic information system) should be selected.

When approved by the student's supervisory committee and the Graduate College, this program may allow up to 30 credit hours from a previously awarded master's degree to be used for this program. If students do not have a previously awarded master's degree, the remaining coursework is made up of electives.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- personal statement outlining educational and professional goals
- current curriculum vitae or resume
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Suitable backgrounds for admission include a master's degree in the social sciences (such as anthropology or sociology), public health, human biology or related fields. Students entering directly from a bachelor's degree program should have already completed at least 15 credit hours of social science and six hours of human biology (or equivalent) at the senior level, and also should have some background in statistics or epidemiology.

Applicants may submit an optional scholarly writing sample, not to exceed 20 to 30 double-spaced pages, to be included in their application materials.

Contact Information:

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480-965-6215

Global Health (Urbanism), PHD (LASSHURPHD)

Online Degree Search Title: Global Health (Urbanism), PhD

Campus: Tempe

ASU is not currently accepting applications for this program.

Program Description:

The PhD in global health draws on the premise that sustainable and satisfying solutions to the most pressing global health challenges require a sophisticated understanding of how cultural context, social and ecological processes, and disease are really related.

The transdisciplinary graduate program trains students broadly in cutting-edge health social science research theory and methods. While it leverages the strength in medical anthropology at ASU (including the 15 medical anthropologists on campus), it also takes advantage of a much wider set of skills offered by such fields as medical sociology, demography, human geography and epidemiology. It is designed to train those who anticipate working in transdisciplinary academic settings, medical schools or nonacademic health settings such as the commercial sector, government agencies and nongovernmental organizations.

Some particular thematic foci of the program are:

- biocultural approaches to human coping
- computer-based complexity modeling
- culture and health
- health in the Americas
- indigenous and minority health
- mathematical epidemiology
- nutritional anthropology
- social justice and vulnerable populations
- social networks
- urban and environmental health

The program draws some 80 faculty members from all across the university to consider how cutting-edge social science can be applied not only to understand, but also to substantively improve the health of populations. The program favors community-based research and runs collaborative projects in which students are encouraged to gain experience and conduct research into societies --- from large U.S. cities to hunter-gatherer communities. Students generally enter the program with a master's degree in a relevant field.

The concentration in urbanism leverages the varied interests in urbanism and help emerging scholars as they attempt to compare, contrast and take stock of urbanism as it pertains to the thematic foci of the program. Working with faculty from across a range of departments and programs at ASU, doctoral students are able to capture the creative tensions that scholarship on urbanism has inspired in order to stimulate a provocative, constructive kind of inquiry.

Degree Requirements:

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (3 credit hours)

ASB 510 Health: Social and Biocultural Theories (3)

Concentration (15 credit hours)

GCU 516 Principles of Urbanism (3)

built form course (3)

culture and society course (3)

institutions and governance course (3)

natural environment course (3)

Electives (26 credit hours)

Other Requirements (16 credit hours)

ASB 500 Ethnographic Research Methods (3)

ASB 591 Topic: Professionalism (1)

ASM 579 Proposal Writing (3)

SSH 591 Topic: Principles of Epidemiology for Global Health (3)

systematic methods courses (6)

Research (12 credit hours)

SSH 792 Research (12)

Culminating Experience (12 credit hours)

ASB 799 Dissertation (12)

Additional Curriculum Information

Students should see the academic unit for approved concentration coursework.

For electives, students should see the academic unit for a course list approved by the chair.

Other requirement coursework may be substituted with the approval of the academic unit. At least two systematic methods courses in an area other than epidemiology or biostatistics and ethnography (such as nutrition, survey, archival analysis, demography, or geographic information system) should be selected.

When approved by the student's supervisory committee and the Graduate College, this program may allow up to 30 credit hours from a previously awarded master's degree to be used for this program. If students do not have a previously awarded master's degree, the remaining coursework are made up of electives.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- personal statement outlining educational and professional goals
- current curriculum vitae or resume
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Suitable backgrounds for admission include a master's degree in the social sciences (such as anthropology or sociology), public health, human biology or related fields. Students entering directly from a bachelor's degree program should have already completed at least 15 credit hours of social science and six hours of human biology or equivalent at the senior level, and they also should have some background in statistics or epidemiology.

Applicants may submit an optional scholarly writing sample, not to exceed 20 to 30 double-spaced pages, to be included in their application materials.

Contact Information:

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480-965-6215

Global Security, MA (LAGSCMA)

Online Degree Search Title: Global Security, MA

Campus: Online

Program Description:

The MA in global security is an interdisciplinary, fully online program designed to aid professional advancement in government, military, nonprofit and private sector careers. Students are trained to critically engage international security issues in a comprehensive manner.

The program is based on four key pillars: enabling innovative strategic thinking; developing analytic tools; supporting critical interdisciplinary engagement; and encouraging flexible and resilient approaches to the inherently complex challenges of current and future global security.

Students may pursue the master's degree from anywhere in the world, study while working full-time or part-time, and may advance at their own pace. The program assists students in gaining a grounded and relevant understanding of major global trends while developing critical analytic skills to improve their capacity to succeed in multiple career paths related to domestic and international security.

Degree Requirements:

30 credit hours including the required capstone course (GSC 550).

Required Core (3 credit hours)

GSC 501 War, Conflict and Security (3)

Electives or Research (24 credit hours)

Culminating Experience (3 credit hours)

GSC 550 Capstone (3)

Additional Curriculum Information

For electives or research, students take eight courses from a restricted list for a total of 24 credit hours. Students should contact the academic unit for the approved course list. Other coursework may be used with approval of the academic unit.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in the humanities (English, history, etc.); social sciences (anthropology, sociology, political science, etc.); sciences (biology, chemistry, etc.); policy (public administration, etc.); computer science; engineering (all subfields); or a closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Applicants must submit at least one letter of recommendation for admission. Applicants may submit additional letters.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/graduate/master-arts-global-security/>)

Contact Information:

Liberal Arts & Sciences, The College of

School of Politics and Global Studies

<https://spgs.asu.edu/global-security-ma>

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spgs@asu.edu

480-965-8563

Global Security (Cybersecurity), MA (LAGSCSECMA)

Online Degree Search Title: Global Security (Cybersecurity), MA

Campus: Online

Program Description:

The cybersecurity concentration is a unique element within the MA program in global security, engaging cyber issues from an interdisciplinary perspective with a focus on global security.

This nontechnical program provides students with relevant and continually updated understanding of the complex risks, threats and modes of protection and response associated with cybersecurity. It's a program more theoretical in nature and uses real-world examples. Students progress at their own pace; it can be completed in one year or in a six-year period. Students may pursue the degree while working full-time or part-time.

This is a nontechnical degree program designed to prepare students for a rapidly expanding field with a focus on the complex relationship between cybersecurity and global politics. Students learn from top faculty including scholars, leaders and skilled practitioners with classes integrating case studies, policy exercises and critical thinking to prepare students for career advancement.

Degree Requirements:

30 credit hours including the required capstone course (GSC 550).

Required Core (3 credit hours)

GSC 501 War, Conflict and Security (3)

Concentration (12 credit hours)

GSC 560 Overview of Cybersecurity (3)

GSC 561 Cybersecurity Threats and Trends (3)

GSC 562 Cybersecurity, Global Politics and Resiliency (3)

GSC 563 Cybersecurity Planning and Strategy (3)

Electives or Research (12 credit hours)

Culminating Experience (3 credit hours)

GSC 550 Capstone (3)

Additional Curriculum Information

For electives or research, students take coursework from a restricted list for a total of 12 credit hours. Students should contact the academic unit for the approved course list. Other coursework may be used with approval of the academic unit.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in the humanities (English, history, etc.); social sciences (anthropology, sociology, political science, etc.); sciences (biology, chemistry, etc.); policy (public administration, etc.); computer science; engineering (all subfields) or a closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:

- graduate admission application and application fee
- official transcripts
- one letter of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Applicants must submit at least one letter of recommendation for admission but may submit additional letters.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu>)

Contact Information:

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480-965-8563

History, MA (LAHISTMA)

Online Degree Search Title: History, MA

Campus: Tempe, Online

Program Description:

The MA program in history provides students the fundamental training needed for careers in research, teaching, public history, government service and a host of other positions in the public, private and nonprofit sectors. Program graduates serve as first-rate historians, highly qualified teachers at the elementary and secondary levels, researchers and consultants, archivists, foreign service officers, management professionals, community organizers and public servants.

The master's degree program offers studies in North American, European, public and global-comparative history, and it provides students with opportunities for professional development through colloquia, internship experiences and conference attendance. Courses emphasize the development of skills in research, writing, critical thinking and communication.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

History, BA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

30 credit hours and a thesis, or 30 credit hours including the required applied project course (HST 593), or 30 credit hours including the required capstone course (HST 597).

Required Core (9 credit hours)

HST 640 Historical Methods (3)

Pick two from the following:

HST 502 Public History Methodology (3)

HST 641 North American History (3)

HST 643 Global History (3)

HST 644 Area Studies in History (3)

Electives (12 credit hours)

Other Requirements (3 or 6 credit hours)

HST 591 Seminar (3) or (6)

Culminating Experience (3 or 6 credit hours)

HST 593 Applied Project (3) or

HST 597 Capstone (3) or

HST 599 Thesis (6)

Additional Curriculum Information

There are two options for the master's degree program in history, the thesis option (for in-person students only) and the nonthesis option. The thesis option requires 30 total credit hours of coursework, including six credit hours of HST 599 Thesis, three credit hours of HST 591 Seminar and 21 credit hours of coursework. The nonthesis option requires 30 total credit hours, including three credit hours of HST 593 Applied Project or HST 597 Capstone, six credit hours of HST 591 Seminar and an additional 21 credit hours of coursework.

For elective coursework, students should refer to the unit for a list of approved courses.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00= "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00= "A") in an applicable master's degree program. The most competitive applicants will have a GPA of 3.30 or higher.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- statement of purpose
 - resume or curriculum vitae
 - writing sample
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. The history program requires a TOEFL score of at least 600 (PBT) or 90 (iBT).

Students are required to submit a minimum of three email addresses from faculty or others qualified to speak to the student's suitability for graduate study in history.

The statement of purpose should be addressed to the history admission committee and should explain the applicant's scholarly background and training, career goals, the primary field the applicant wishes to pursue, and why the applicant wants to pursue graduate study at ASU (about 500 words in length). It is not necessary to specify a research topic, but if an applicant has one in mind, they should include it in the statement of purpose.

The writing sample may be an article (it may be published or unpublished), a research paper or any other extended sample of expository writing no longer than 35 pages in length. Longer writing samples should not be submitted without first consulting the graduate director. Documents and files should not be password protected. Acceptable file types are .rtf, .pdf and .doc.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/graduate/master-arts-history/>)

Contact Information:

Liberal Arts & Sciences, The College of
Historical, Philosophical & Religious Studies, Sch
<https://shprs.asu.edu/degree/grad/history-ma>
COOR 4595
SHPRSGradInfo@asu.edu
480-965-5778

History, PHD (LAHISTPHD)

Online Degree Search Title: History, PhD

Campus: Tempe

Program Description:

The PhD program in history offers outstanding opportunities for graduate study in North American, European, public and global-comparative history. The School of Historical, Philosophical and Religious Studies' world-class faculty members deliver courses and individualized mentoring in a wide range of historical topics. Moreover, doctoral history students are strongly encouraged to take advantage of the numerous collaborative opportunities that exist throughout the university in ASU's many innovative schools and centers.

Students pursuing the doctorate cultivate a strong background in the historical research methodology and scholarly analysis needed to develop expertise in a chosen historical subject area and receive preparation for competitive careers. By emphasizing foundational skills in research, writing and communication, the doctoral program in history prepares students for diverse career opportunities, including leading academic institutions, private industry and the public sector.

Degree Requirements:

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (16 credit hours)

HST 502 Public History Methodology (3)
HST 640 Historical Methods (3)
HST 641 North American History (3)
HST 643 Global History (3)
HST 644 Area Studies in History (3)
HST 682 Advanced Research Skill (1)

Electives and Research (44 credit hours)

Other Requirement (12 credit hours)

HST 591 Seminar (6)
HST 792 Research (6)

Culminating Experience (12 credit hours)

HST 799 Dissertation (12)

Additional Curriculum Information

In general, all credit hours must be at the 500 level or above (graduate credit for 400-level courses must be approved in advance and documented in the student's file).

The doctoral program requires a minimum of 84 credit hours and may be completed in four to five years. Students with a master's degree may apply 30 credit hours toward the 84 required credit hours with approval of the academic unit and the Graduate College. If the student does not already have a master's degree in a related field, then the remaining 30 credit hours are made up of electives and research to reach the 84 credit hours required for the doctoral program.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program. The most competitive applicants will have a GPA of 3.30 or higher.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- official GRE scores
- statement of purpose
- resume or curriculum vitae
- writing sample
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. The history program requires a TOEFL score of at least 600 (PBT) or 90 (iBT). A student whose native language is not English also must submit a copy of an article or research paper in the student's native or principal research language in addition to the English writing sample required of all students.

Students are required to submit a minimum of three email addresses from faculty or others qualified to speak to the student's suitability for graduate study in history. Letters of reference should be submitted by the recommenders in addition to the electronic reference form they are asked to complete.

GRE scores should be no more than five years old. Official scores should be sent by the ETS to ASU using the university code 4007; the department code may be left blank or entered as 0000.

The statement of purpose is to be addressed to the history admission committee and should explain the applicant's scholarly background and training, career goals, the primary field the applicant wishes to pursue, the proposed research specialization, and why the applicant wants to pursue graduate study at ASU (about 500 words in length).

The writing sample may be an article (published or unpublished), a research paper, or any other extended sample of expository skill no longer than 35 pages in length. Longer writing samples should not be submitted without first consulting the graduate director. Documents and files should not

be password protected. Acceptable file types are .rtf, .pdf and .doc.

Contact Information:

Liberal Arts & Sciences, The College of
Historical, Philosophical & Religious Studies, Sch
<https://shprs.asu.edu/degree/grad/history-phd>
COOR 4595
SHPRSGradInfo@asu.edu
480-965-5778

History and Philosophy of Science, PHD (LAHPSCIPHD)

Online Degree Search Title: History and Philosophy of Science, PhD

Campus: Tempe

Program Description:

The history and philosophy of science is an interdisciplinary field that traces its origin to foundational works such as Thomas Kuhn's "Structure of Scientific Revolutions". The field is based on the idea that the best way to understand science is to study how it changes over time, along with careful analysis of its concepts and fundamental principles.

The PhD program in history and philosophy of science combines training in the core areas of history and philosophy of science with an emphasis on interdisciplinary studies of the sciences, including:

- computational history and philosophy of science
- foundations of evolutionary theory
- general philosophy of science and epistemology
- history and philosophy of applied ethics and science policy
- history of 19th and 20th century biology

The program is especially appropriate for students with an undergraduate or master's degree in philosophy history or the sciences and for those who seek to broaden their disciplinary studies. Science students who have not taken relevant undergraduate humanistic core courses can make these up during their first years in the program.

Graduates go on to careers in higher education, including research, teaching and administration; science communication; and other professions related to the life sciences.

Degree Requirements:

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (6 credit hours)

HPS 615 Biology and Society Lab (3)

HPS 620 Research Prospectus Writing (3)

Restricted Program Electives (30 credit hours)

Program Electives (24 credit hours)

Research (12 credit hours)

HPS 792 Research (12)

Dissertation (12 credit hours)

HPS 799 Dissertation (12)

Additional Curriculum Information

An individual student program is developed in consultation with the student's advisor and committee.

HPS 615 Biology and Society Lab is a one credit hour course focused on student presentations of works-in-progress. Students must register for it three times during their graduate study.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution of recognized standing in a related field such as history, philosophy, or history and philosophy of science as well as a demonstrated background and interest in one or more sciences.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- academic record form
- personal statement
- curriculum vitae or resume
- writing sample
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Contact Information:

Liberal Arts & Sciences, The College of

School of Life Sciences

<https://sols.asu.edu/degrees/grad/history-philosophy-science-phd>

LSA 181

sols.grad@asu.edu

480-965-1768

Immigration Studies (certificate), Certificate (LAIMMSTUCE)

Online Degree Search Title: Immigration Studies (Graduate Certificate)

Campus: Tempe

Program Description:

The immigration studies graduate certificate program provides students with a holistic understanding of the historical, current and long-term causes and consequences of international migration as well as relevant professional and research training opportunities.

The objective of the certificate program is to offer traditional academic training through coursework, research and the practical experience of working with local immigrant and refugee communities.

The program prepares graduates for future study in graduate and professional schools or for careers as immigration practitioners and advocates in nongovernmental organizations, local and federal government agencies as well as in other private and public institutions serving immigrant and refugee communities.

Degree Requirements:

15 credit hours.

All students are required to take one core course, three approved elective courses on immigration, and three credit hours of a culminating experience (either an internship or a research project). Students are to contact the school for a list of approved courses.

Students may do an internship with Phoenix-based, nongovernmental organizations or government agencies that provide services to immigrants and refugees. Such internships give students professional training and actual experience working with immigrant and refugee communities. Students are required to write a report describing the organization and their experience as interns.

Students may enroll in three credit hours of research with a faculty member in order to do an independent research project. They must write a substantial research paper based on field research in a local immigrant community, on library and archival research or on readings on an immigration topic.

Certificate students may choose to specialize in humanities, Mexican and Latino immigrants in the U.S., or social sciences.

Given the nature of the immigration courses offered at ASU and the preponderance of Latino immigrant communities in the Phoenix area, the program emphasizes Latino immigration. However, students have the opportunity to take broader courses focusing on global migration and other immigrant groups as well as work with local Asian or Southeast Asian immigrants and refugee communities.

For students currently enrolled in an ASU graduate degree program, applicable certificate courses may count toward their degree program with the approval and consent of the degree granting program. For certificate students who are later admitted to an ASU graduate degree program, up to 12 credit hours from the certificate program may count toward their doctoral degree or up to 12 credit hours may count toward their master's degree, with the approval and consent of the degree-granting program.

All requirements for the certificate program should be completed within a three year time limit with a minimum cumulative GPA of 3.00 (scale is 4.00 = "A"). Students who require more time to finish the program, because of their part-time status or lack of desirable or available courses, must obtain approval from the executive committee.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- personal statement outlining educational and professional goals
- current curriculum vitae or resume
- GRE scores
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa will first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission be considered for admission to this certificate program.

Applicants may submit an optional scholarly writing sample, not to exceed 20 to 30 double-spaced pages to be included in their application materials.

Contact Information:

Liberal Arts & Sciences, The College of
School of Human Evolution & Social Change
<https://shesc.asu.edu>
SHESC 233
shesc.grad@asu.edu
480-965-6215

Indigenous Education, MA (LAIEDMA)

Online Degree Search Title: Indigenous Education, MA

Campus: Online

Program Description:

The MA in indigenous education provides students with advanced training in research, theory and practice related to both Indigenous education, as broadly defined, as well as the process of schooling. The main audiences for this degree are those working in Indian education, those working for tribal nations with education programs, and those interested in indigenous education.

Because the Center for Indian Education is housed in the School of Social Transformation with faculty that collaborate with colleagues internationally, nationally and across ASU campuses, students have access to a wealth of additional resources at the master's degree level, which allow them to develop a final project that best fits their specific professional aspirations.

Degree Requirements:

30 credit hours including a capstone course (IED 585).

Required Core (9 credit hours)

IED 501 Critical Indigenous Research Methodologies (3)

IED 502 Indigenous Knowledges in Education (3)

IED 503 Current Issues in American Indian Education (3)

Other Required Courses (15 credit hours)

IED 510 History of American Indian Education (3)

IED 530 Language/Literacy-Indig People (3)

IED 535 Community-Based Participatory Action Research (3)

SST 520 Learning Technologies in Native Education (3)

SST 530 Culture and Education (3)

Research (3 credit hours)

IED 592 Research (3)

Culminating Experience (3 credit hours)

IED 585 Capstone (3)

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in a related field such as history, education, anthropology, sociology, ethnic studies, justice studies or political science, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- letter of intent or written statement
- example of writing
- professional resume
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

A selection committee, comprised of faculty members, chooses candidates based on application materials and the applicant's ability to succeed.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/graduate/indigenous-education-ma/>)

Contact Information:

Liberal Arts & Sciences, The College of

School of Social Transformation

<https://sst.asu.edu/degrees/grad/indigenous-education-ma>

EDB 302

sstgraduate@asu.edu

480-965-7682

Infant Family Practice, MAS (LACDEMAS)

Online Degree Search Title: Infant - Family Practice, MAS

Campus: Tempe

ASU is not currently accepting applications for this program.

Program Description:

This self-contained accelerated program provides high-quality coursework and supervised internship experiences designed to train professionals to work in prevention and intervention programs serving families with infants, toddlers and preschool-age children.

The MAS program in infant family practice prepares individuals for positions in a variety of professional capacities including:

- child abuse prevention
- child welfare
- early childhood education and child care administration
- early intervention
- family support
- home visiting
- infant and early childhood mental health

Coursework prepares students for professional endorsement of the Infant-Toddler Mental Health Coalition of Arizona's endorsement for culturally sensitive, relationship-based practice promoting infant mental health.

Degree Requirements:

30 credit hours and a portfolio.

Required Core (12 credit hours)

Practicum (9 credit hours)

Other Requirements (6 credit hours)

Research (3 credit hours)

Additional Curriculum Information

The Master of Applied Science in infant-family practice requires successful completion of a minimum of 30 credit hours and an applied project, including required coursework and an internship in a community placement approved by the faculty of the master's degree program in infant-family practice. Internships are expected to last approximately 12 months.

Students must meet the expectations of the agency supervising their internship.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution in a related field such as counseling, psychology, and family and human development.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- a personal statement
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The letters of recommendation should be from individuals familiar with the applicant's academic background.

GRE scores are waived for this program.

Contact Information:

Liberal Arts & Sciences, The College of
Sanford School of Social and Family Dynamics
<https://thesanfordschool.asu.edu/>
SS 144
graduatesanford@asu.edu
480-965-6978

International Affairs and Leadership, MA (LAIALMA)

Online Degree Search Title: International Affairs and Leadership, MA

Campus: ASU@Washington, D.C.

This program is not currently accepting applications. The anticipated launch date for the program is Fall 2021.

Program Description:

The MA in international affairs and leadership offered by The College of Liberal Arts and Sciences and the McCain Institute prepares students for international leadership roles in a dynamic active learning environment led by senior international affairs professionals from the public and private sectors. Drawing on the legacy of values-driven leadership embodied by Senator John McCain, the McCain Institute's access and connectivity in the international community, and ASU's extensive academic capacity, students acquire a distinctive edge to succeed in the full spectrum of international affairs professions.

Degree Requirements:

36 credit hours including the required applied project course (IAL 560).

Required Core (9 credit hours)

IAL 501 Principles of Character-Driven Leadership (3)

IAL 502 The Making of U.S. National Security Policy (3)

IAL 503 Applied International Leadership: Case Studies (3)

Electives (21 credit hours)

Other Requirement (3 credit hours)

IAL 584 Internship (3)

Culminating Experience (3 credit hours)

IAL 560 Capstone (3)

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of a student's first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:

- graduate admission application and application fee
- official transcripts
- letter of intent
- professional resume
- writing sample
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Applicants are encouraged to have a foundational understanding of microeconomics and macroeconomics prior to starting the program.

GRE or GMAT results are not required but can be submitted as an additional application material.

Applicants should have a deep-rooted interest in international issues of the future and a desire to influence them through character-driven leadership within the context of an increasingly complicated, globalized world. Ideal candidates are those who have previous leadership experience and who plan to devote their careers to working with other cultures and nations across a variety of sectors. While an ideal candidate has previous experience traveling or living overseas and has previously studied a language other than English, we also welcome candidates with no prior experience in these areas. Both international and domestic students are encouraged to apply.

Using the letter of intent, applicants should narrate their own leadership journeys as well as their motivations for further studies in the areas of international affairs and leadership. The letter of intent should describe applicants' academic and professional interests to date, their definitions of character-driven leadership, their reasons for pursuing a master's degree in International Affairs and Leadership, and how this advanced degree relates to their specific future goals.

The application review panel also reviews the applicant's writing skills. Successful applicants must be able to tell a concise, coherent story about their past experiences and future goals.

Contact Information:

Liberal Arts & Sciences, The College of
School of Politics and Global Studies
<https://spgs.asu.edu/>
COOR 6801
spgs@asu.edu
480-965-8563

Justice Studies, MS (LAJUSSTMS)

Online Degree Search Title: Justice Studies, MS

Campus: Tempe

Program Description:

The MS in justice studies prepares students to pursue careers in law and public policy, community and nonprofit organizations, social work and advocacy, labor relations, criminal justice, education, and research and policy institutes. Many graduates also go on to pursue doctoral degrees in interdisciplinary programs such as justice studies, criminology and law, American studies, ethnic studies, and women and gender studies.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Justice Studies, BA

Justice Studies, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

30 credit hours and a thesis, or 30 credit hours including the required applied project course (JUS 593).

Required Core (12 credit hours)

JUS 500 Justice Research Methods (3)

JUS 501 Justice Theory (3)

JUS 509 Statistical Problems in Justice Research (3)

JUS 521 Qualitative Data Analysis and Evaluation (3)

Electives (12 credit hours)

Research (0-3 credit hours)

JUS 592 Research (3)

Culminating Experience (3-6 credit hours)

JUS 593 Applied Project (3) or

JUS 599 Thesis (6)

Additional Curriculum Information

Each student's program is developed in concert with the advisory committee. The required foundation courses provide students with a fundamental understanding of the theories, methods and analytic techniques associated with the study of justice.

To satisfy the thesis requirement for the degree, candidates must write a thesis and defend it in an oral examination conducted by the student's advisory committee. Students in this option are not required to take JUS 592 Research.

Students who elect to complete the applied project option will have to enroll in three credit hours of JUS 592 Research prior to enrolling in JUS 593 Applied Project. Candidates pursuing the applied project option must present their applied project and defend it in an oral examination conducted by the faculty member who supervises the project and the graduate programs director or designated representative. The applied project typically includes a brief literature review to identify the nature of the issue or problem and a description of the methodology used and, if relevant, of the program studied, followed by an analysis.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- personal statement
- writing sample
- resume or curriculum vitae
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Information regarding acceptable proof of English proficiency can be found via the Graduate Admission Services webpage:

<https://admission.asu.edu/international/graduate/english-proficiency> (<https://admission.asu.edu/international/graduate/english-proficiency>).

Applicants should visit the School of Social Transformation's Master of Science in justice studies webpage for further details on the listed application requirements and application deadlines.

GRE testing is not required for admission.

Mailing addresses and further admission information is available on the ASU Graduate Admission Services website.

Application requirements vary for the accelerated justice studies 4+1 program. Undergraduate students majoring in justice studies who are interested and eligible for this accelerated graduate program should contact the academic unit, to schedule an appointment with a graduate advisor prior to submitting an application. Further details about the accelerated justice studies 4+1 program can be found on the School of Social Transformation webpage.

Contact Information:

Liberal Arts & Sciences, The College of
School of Social Transformation

<https://sst.asu.edu/degrees/grad/justice-studies-ms>

WILSN 125

SSTgraduate@asu.edu

480-965-7682

Justice Studies, PHD (LAJUSSTPHD)

Online Degree Search Title: Justice Studies, PhD

Campus: Tempe

Program Description:

The PhD in justice studies at the nation's first School of Social Transformation invites all qualified applicants.

The diverse community of scholars unites students and faculty across academic boundaries to strategically create social change that is democratic, inclusive and just. The interdisciplinary doctoral program in justice studies prepares future scholars and change agents to address complex social problems and become tomorrow's leaders.

Concurrent Degrees:

This degree is also offered as concurrent degree program with Juris Doctor, JD

Degree Requirements:

84 credit hours, a written comprehensive exam, a prospectus and a dissertation.

Required Core (6 credit hours)

JUS 620 Justice Research Methodology (3)

JUS 640 Theoretical Perspectives on Justice (3)

Other Requirement (3 credit hours)

JUS 630 Data Analysis for Justice Research (3) or

JUS 650 Advanced Qualitative Data Analysis (3) or

SST 691 Topic: Qualitative Methods for Qualitative Researchers (3)

Culminating Experience (12 credit hours)

JUS 799 Dissertation (12)

Additional Curriculum Information

For the other requirement course, students may take JUS 630, JUS 650, SST 691 or other methods course at ASU approved by the JSI graduate director.

Students entering the doctoral program with a master's or JD degree may complete a minimum of 54 credit hours for the program. In addition to the requirements listed above, coursework will include 15 credit hours of elective classroom hours (nine of which must have a JUS prefix) and 18 credit hours comprised of any combination of additional elective courses, reading and conference or research.

Students entering the doctoral program without a master's or Juris Doctor degree are required to complete 84 credit hours. In addition to the requirements listed above, the coursework will include 12 credit hours of 500-level foundation courses, 24 credit hours of elective classroom hours (15 of which must have a JUS prefix) and 27 credit hours comprised of any combination of additional electives courses, reading and conference or research.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- personal statement
- writing sample
- three letters of recommendation (academic references are preferred)
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The personal statement should be one-and-a-half to two pages, double-spaced, outlining areas of interest, educational and career goals, and the writing sample should be 10 to 15 pages and should discuss the research that best represents the applicant's academic thinking and writing skills.

The PhD/JD option allows qualified students to earn a Juris Doctor from ASU's Sandra Day O'Connor College of Law while simultaneously earning a transdisciplinary doctoral degree in justice studies. Students must apply separately to both programs. Applicants should contact the Sandra Day O'Connor College of Law for their requirements.

Contact Information:

Liberal Arts & Sciences, The College of

School of Social Transformation

<https://sst.asu.edu/degrees/grad/justice-studies-phd>

WILSN 125

SSTgraduate@asu.edu

480-965-7682

Language Teaching, MA (LALANTCHMA)

Online Degree Search Title: Language Teaching, MA

Campus: Tempe

Program Description:

The MA program in language teaching prepares both current and aspiring language teachers with the tools to effectively teach languages in the secondary schools and in higher education. This new program helps ASU meet local, regional and national needs to provide professional development to practicing language teachers in K-12, community colleges or at the university level.

Teachers in Arizona who are interested in continuing their professional development in both language pedagogy and language proficiency can pursue this degree. Teachers receive training in teaching methodologies, second language acquisition, heritage language pedagogy, computer-assisted language teaching, applied linguistics, and the teaching of literature and culture. In addition, this program may also interest other individuals who wish to become highly proficient bilinguals to work in business, government or public administration.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- French, BA
- German, BA
- Spanish, BA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

Required Core (3 credit hours)

SLC 596 Second Language Methodologies (3)

Track (9 credit hours)

Other Requirements (12 credit hours)

Electives (3 credit hours)

Culminating Experience (3 credit hours)

SLC 593 Applied Project (3)

Additional Curriculum Information

Tracks available for students to select from are French, German or Spanish. Students should see their academic unit for approved track coursework. Students select coursework in consultation with their committee chair.

Other requirement coursework may be substituted with approval of the academic unit.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in a foreign language, applied linguistics, linguistics, literature, education or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:

- graduate admission application and application fee
- official transcripts
- letter of intent or written statement
- two letters of recommendation
- proof of target language proficiency

- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The written statement should be no more than two pages, single-spaced, and should discuss how the educational background and experiences have prepared the applicant for this graduate program. The applicant should also describe why they are interested in pursuing this master's degree and how it fits their career goals.

Proof of target language proficiency is accepted by an audio or video submission of a two-minute self-introduction.

Contact Information:

Liberal Arts & Sciences, The College of
School of International Letters and Cultures
<https://silc.asu.edu>
LL 440
silc@asu.edu
480-965-6281

Linguistics (certificate), Certificate (LALINGUICE)

Online Degree Search Title: Linguistics (Graduate Certificate)

Campus: Tempe

Program Description:

This transdisciplinary graduate certificate program in linguistics offers students in several fields the opportunity to gain an understanding of the way in which languages are structured, how they are acquired and how they vary over time, space, social distance and situational contexts.

The skills acquired through the completion of the core courses for this certificate include analytical abilities, critical thinking, effective communication and problem-solving. In addition, the knowledge acquired in the areas of discourse analysis and pragmatics makes students aware of the necessity to use appropriate registers and styles when creating written documents or oral presentations to different audiences.

Degree Requirements:

18 credit hours.

Required Core Areas (9 credit hours)

discourse analysis and pragmatics (3)

phonology (3)

syntax (3)

Electives (9 credit hours)

Additional Curriculum Information

The electives may be chosen from fields such as applied linguistics, educational linguistics, natural language processing, second-language acquisition and sociolinguistics. The electives are determined by the student in consultation with a faculty advisor.

Prerequisite: Students must have completed an introductory course in linguistics taken at the upper-division or graduate level. They should consult the certificate program director for advice.

All certificate coursework must be completed with an average grade of "B" or higher (3.00 on a 4.00 scale).

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00= "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00= "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- statement of purpose
- resume or curriculum vitae
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Students should visit the Department of English website for specific details about English proficiency requirements.

International students who need an F1 or J1 visa will first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission be considered for admission to this certificate program.

Once the online application has been submitted, the applicant should send a copy of unofficial transcripts, a one- to two-page, well-considered statement of purpose detailing the student's background and reasons for wanting to do the linguistics certificate, and a resume to the department email address with the subject line: Linguistics Certificate Application.

To be considered for admission, an applicant must have taken an introductory course in linguistics at the upper-division or graduate level. Applicants must also show proof of a formal knowledge of a foreign language, equivalent to two years of study at the university level or plans to fulfill the language requirement concurrently with certificate courses. The language requirement may be met by completion of courses through the second-year level (four semesters) at ASU or elsewhere, or by completion of an upper-division language course with an average of "B" or better (3.00 on a 4.00 scale) for all such coursework (200 or 300 level), or through an examination that indicates placement above the 200 level. Language placement tests are available online at the Language Placement Policies and Tests webpage on the School of International Letters and Cultures website. If this requirement is not already fulfilled at the time of application, candidates must demonstrate completion of this requirement at the end of their certificate coursework in order for their certificate to be granted.

Contact Information:

Liberal Arts & Sciences, The College of
Department of English
<https://english.asu.edu/node/239>
RBHL 125
enggrad@asu.edu
480-965-3194

Linguistics and Applied Linguistics, MA (LALINMA)

Online Degree Search Title: Linguistics and Applied Linguistics, MA

Campus: Tempe

Program Description:

The MA program in linguistics and applied linguistics addresses the study of human language and the application of that study to the human condition through training in linguistics and applied linguistics. At the master's level, it provides foundational training in several different areas, including discourse analysis, indigenous American linguistics, language and cognition, language contact and change, language revitalization, language planning, phonetics, phonology, pragmatics, second language acquisition, second-language teaching and learning, semantics, sociolinguistics, syntax, teaching English to speakers of other languages and World Englishes.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

English (Linguistics), BA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

Required Core (3 credit hours)

LIN 515 American English (3) or

LIN 516 Pragmatics and Discourse Analysis (3)

General Linguistics Track (6 credit hours)

LIN 511 Phonetics and Phonology (3)

LIN 514 Syntax (3)

Applied Linguistics Track (6 credit hours)

LIN 511 Phonetics and Phonology (3) or LIN 514 Syntax (3)

LIN 520 Second-Language Acquisition Theories (3) or APL 601 Introduction to Applied Linguistics (3)

Electives (12-15 credit hours)

Research (3 credit hours)

LIN 501 Approaches to Research (3)

Culminating Experience (3-6 credit hours)

LIN 599 or APL 599 Thesis (6)

LIN 593 or APL 593 Applied Project (3)

Additional Curriculum Information

Students choose one of the two tracks in either general linguistics or applied linguistics.

Electives are restricted based on the student's chosen track. For the general linguistics track, one of the electives must be a 600-level course from the approved course list.

Students who select the thesis option take 12 credit hours of electives. Applied project students select 15 credit hours of electives.

Students must demonstrate evidence of a competent knowledge of a natural language other than modern English, to be selected by the student, subject to the approval of the chair of the thesis committee or the director of the applied project. This requirement may be met by:

- earning a "B" or better (3.00 on a 4.00 scale) in a 400- or 500-level course in an appropriate (approved) language course
- demonstrating comparable proficiency by taking a language examination, administered by the School of International Letters and Cultures, in a language approved by the student's supervisory committee
- demonstrating native-speaker proficiency, as determined by the School of International Letters and Cultures, in a language approved by the student's supervisory committee
- earning a "B" or better (3.00 on a 4.00 scale) in both ENG 530 Old English and ENG 531 Old English Literature or their equivalent
- holding a bachelor's degree in an approved foreign language
- two years (four semesters) of successfully completed college-level coursework (completed no more than six years prior to admission to the degree program) at least at the 100 and 200 levels with a "C" or better (scale is 4.00 = "A") for languages which the School of International Letters and Cultures does not offer or does not offer above the 200 level

Any course in which all class meetings are conducted in the approved language will satisfy the requirement for a "B" or better in a 400- or 500-level course in an appropriate language course; courses conducted in English will not satisfy the requirement. Also satisfying the requirement are GER 550 German for Reading Knowledge, FRE 550 French for Reading Knowledge, SPA 550 Spanish for Reading Knowledge, and ITA 550 Italian for Reading Knowledge. The Department of English does not require its graduate students to write papers in the approved language.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in such related fields as anthropology, applied linguistics, communication, cognitive science, comparative languages and literatures, literature, education, history, law, linguistics, modern languages, philosophy, political science, psychology, religious studies, rhetoric, composition, sociology, speech and hearing science, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00= "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00= "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- statement of purpose
- resume or curriculum vitae
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Students should see the Department of English website for specific details about English proficiency requirements.

Successful completion of (at least) one upper-division course in linguistics, language study, or related topic is required.

The one-page, single-spaced statement of purpose should explain the applicant's background in language study, reasons for wanting to do graduate work in linguistics, and plans for the future.

Contact Information:

Liberal Arts & Sciences, The College of
Department of English
<https://english.asu.edu/degrees/grad/masters-applied-linguistics>
RBHL 125
enggrad@asu.edu
480-965-3194

Linguistics and Applied Linguistics, PHD (LALINPHD)

Online Degree Search Title: Linguistics and Applied Linguistics, PhD

Campus: Tempe

Program Description:

The PhD program in linguistics and applied linguistics focuses on the study of human language and the application of that study to the human condition. Students in this program choose a research specialization in formal linguistics, applied linguistics or some combination of these areas.

The curriculum provides professional training in linguistics and applied linguistics with focused research in several areas, including discourse analysis, indigenous American linguistics, language and cognition, language contact and change, language planning, language revitalization, phonetics, phonology, pragmatics, second language acquisition, second language teaching and learning, semantics, sociolinguistics, syntax, teaching English to speakers of other languages and World Englishes.

Degree Requirements:

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a foreign language exam, a prospectus and a dissertation.

Required Core (18 credit hours)

APL 555 Disciplinary Discourses (3)
APL 601 Introduction to Applied Linguistics (3)
LIN 511 Phonetics and Phonology (3)
LIN 514 Syntax (3)
LIN 515 American English (3) or LIN 516 Pragmatics and Discourse Analysis (3)
LIN 655 Disciplinary Discourses (3)

Electives and Research (24 credit hours)

LIN 501 Approaches to Research (3)
specialization (21)

Culminating Experience (12 credit hours)

LIN 799 or APL 799 Dissertation (12)

Other Requirements (30 credit hours)

If students do not have a previously awarded master's degree, then 30 credit hours will be made up of additional elective coursework approved by their supervisory committee. If they have not taken the equivalent of LIN 510 in the 30 hours, they will have to take that course.

Additional Curriculum Information

Students must demonstrate evidence of a competent knowledge of a natural language other than modern English, to be selected by the student, subject to the approval of the chair of the dissertation committee. The language requirement must be completed before the student is eligible to take the doctoral examinations. This requirement may be met by any of the following:

- earning a "B" or higher (3.00 on a 4.00 scale) in a 400- or 500-level course in an appropriate (approved) language
- demonstrating comparable proficiency by taking a language examination, administered by the School of International Letters and Cultures, in a language approved by the student's supervisory committee
- demonstrating native-speaker proficiency, as determined by the School of International Letters and Cultures, in a language approved by the student's supervisory committee
- earning a "B" or higher (3.00 on a 4.00 scale) in both ENG 530 Old English and ENG 531 Old English Literature or their equivalent

- holding a bachelor's degree in an approved foreign language
- having fulfilled a foreign language requirement toward a previously awarded master's degree that was completed within five years of the semester for which the student was admitted to the doctoral program
- two years (four semesters) of successfully completed college level coursework (no more than six years prior to admission to the degree program) at least at the 100 and 200 levels with a "C" or better, for languages which the School of International Letters and Cultures does not offer or does not offer above the 200 level

The foreign language requirement must be in a language approved by the student's doctoral supervisory committee.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00= "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.50 (scale is 4.00= "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- statement of purpose
- resume or curriculum vitae
- three letters of recommendation
- academic writing sample relevant to the field
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Students should see the Department of English website for specific details about English proficiency requirements.

Undergraduate degrees in such related fields as anthropology, applied linguistics, communication, cognitive science, comparative languages and literatures, literature, education, history, law, linguistics, modern languages, philosophy, political science, psychology, religious studies, rhetoric, composition, sociology, or speech and hearing science will be considered.

The one- to two-page, single-spaced statement of purpose should explain how the applicant's experience and training have prepared them for the program. It should also indicate career goals and explain how these goals relate to the graduate program in linguistics and applied linguistics. Applicants applying for funding must also submit a statement of teaching philosophy. Students should see the Department of English website for specific details.

Contact Information:

Liberal Arts & Sciences, The College of
 Department of English
<https://english.asu.edu/degrees/grad/doctor-philosophy-linguistics-applied-linguistics>
 RBHL 125
 enggrad@asu.edu
 480-965-3194

Marriage and Family Therapy, MAS (LAMFTMAS)

Online Degree Search Title: Marriage and Family Therapy, MAS

Campus: Tempe

Program Description:

This self-contained, accelerated MAS program in marriage and family therapy provides high-quality coursework and supervised internship experiences that meet the degree requirements for licensure in the State of Arizona for the practice of marriage and family therapy as determined and laid out by the Arizona Board of Behavioral Health Examiners. The degree requirements are specified by the board and the program is designed to train practitioners who wish to practice marriage and family therapy.

Degree Requirements:

39 credit hours and a master's research paper.

The master's degree program in marriage and family therapy requires the successful completion of a minimum of 39 credit hours and a project,
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including required coursework and completion of 300 client-contact hours in a community internship placement approved by the master's degree in marriage and family therapy faculty. Internships are expected to last approximately 12 months. Students must maintain a GPA of 3.00 (scale is 4.00 = "A") in all coursework and satisfactorily meet the expectations of the agency supervising their internship.

Students are required to have a vehicle and a valid Arizona driver's license for internship placement.

An internship entrance examination is held at the end of the first 7.5-week semester to determine student readiness for internship placement.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution in a related field, such as counseling, psychology, and family and human development, among others.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- a personal statement
- resume
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Letters of recommendation must be from three people who know the applicant in a professional or academic capacity. Family members and friends do not meet this criterion.

Students should refer to the program's website for detailed information on admission requirements.

Contact Information:

Liberal Arts & Sciences, The College of
Sanford School of Social and Family Dynamics
<https://thesanfordschool.asu.edu/degree-programs/graduate-programs/marriage-and-family-therapy-mas>
SS 144
graduatesanford@asu.edu
480-965-6978

Mathematics, MA (LAMATHMA)

Online Degree Search Title: Mathematics, MA

Campus: Tempe

Program Description:

The MA program in mathematics is designed to increase mathematical knowledge beyond the traditional level of a bachelor's degree in order to prepare students for careers requiring sophisticated mathematical skills. Students may choose to specialize in applied mathematics, core mathematics, mathematics education, or statistics.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Computational Mathematical Sciences, BS
- Mathematics, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

30 credit hours and 2 written comprehensive exams, or 30 credit hours and a portfolio, or 30 credit hours, a thesis and a written comprehensive exam.

Required Core (3 credit hours)

APM 505 Applied Linear Algebra (3), APM 506 Computational Methods (3), MAT 543 Abstract Algebra I (3) or MAT 570 Real Analysis I (3)

Electives (21-27 credit hours)

Culminating Experience (0-6 credit hours)

MAT 599 Thesis (6)

Portfolio (0)

Two written (or oral) comprehensive exams

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in mathematics or a closely related field from a regionally accredited institution as well as coursework in linear algebra (equivalent to ASU course MAT 342 or MAT 343) and advanced calculus (equivalent to ASU course MAT 371).

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00="A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00="A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- statement of education and career goals
- resume
- GRE (general) scores
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Contact Information:

Liberal Arts & Sciences, The College of

School of Mathematical and Statistical Sciences

<https://math.asu.edu/degrees/graduate/mathematics-ma>

WXLR A216

grad.math@asu.edu

480-965-3951

Mathematics, PHD (LAMATHPHD)

Online Degree Search Title: Mathematics, PhD

Campus: Tempe

Program Description:

The PhD program in mathematics is intended for students with superior mathematical ability. The program emphasizes a solid mathematical foundation and promotes creative scholarship in mathematics and its many related disciplines. The School of Mathematical and Statistical Sciences has very active research groups in analysis, number theory, geometry and discrete mathematics.

Degree Requirements:

84 credit hours, a written comprehensive exam, a prospectus and a dissertation.

Required Core (3 credit hours)

MAT 501 Geometry and Topology of Manifolds I (3) or

MAT 516 Graph Theory I (3) or

MAT 543 Abstract Algebra I (3) or

MAT 570 Real Analysis I (3)

Other Requirements (3 credit hours)

MAT 591 Seminar (3)

Electives (24-39 credit hours)

Research (27-42 credit hours)

MAT 792 Research

Culminating Experience (12 credit hours)

MAT 799 Dissertation (12)

Additional Curriculum Information

Electives are to be chosen from math or related area courses approved by the student's supervisory committee.

Students must pass:

- two qualifying examinations
- a written comprehensive examination
- an oral dissertation prospectus defense

Students should see the department website for examination information.

Each student must write a dissertation and defend it orally in front of five dissertation committee members.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in mathematics, or a closely related area from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- statement of education and career goals
- resume
- GRE (general) scores
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Additional eligibility requirements include competitiveness in an applicant pool as evidenced by coursework in linear algebra (equivalent to ASU course MAT 342 or MAT 343) and advanced calculus (equivalent to ASU course MAT 371), and it is desirable that applicants have scientific programming skills.

Contact Information:

Liberal Arts & Sciences, The College of

School of Mathematical and Statistical Sciences

<https://math.asu.edu/degrees/graduate/mathematics-phd>

WXLR A216

grad.math@asu.edu

480-965-3951

Mathematics Education, PHD (LAMTEPHD)

Online Degree Search Title: Mathematics Education (Mathematics and Statistics Dept - Grades 9-20), PhD

Campus: Tempe

Program Description:

This transdisciplinary PhD program accommodates students from a variety of academic backgrounds. It provides students with a solid foundation in graduate-level mathematics as well as research skills and perspectives that will allow them to deal broadly with mathematics problems of:

- curriculum

- learning
- teaching
- technology

Conducting individual and collaborative research in the learning and teaching of mathematics is an integral part of the program.

Degree Requirements:

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (12 credit hours)

- MTE 501 Research in Undergraduate Mathematics Education I (3)
- MTE 502 Research in Undergraduate Mathematics Education II (3)
- MTE 503 Research in Undergraduate Mathematics Education III (3)
- MTE 504 Research in Undergraduate Mathematics Education IV (3)

Electives (42 credit hours)

Area Courses (12 credit hours)

Research (6 credit hours)

- MTE 792 Research (6)

Culminating Experience (12 credit hours)

- MTE 799 Dissertation (12)

Additional Curriculum Information

Four to five graduate-level (500 and above) elective courses from mathematics, cognitive science, psychology, educational technology, philosophy or research should be taken as approved by the advisor.

For the area courses, students are required to take four graduate-level courses from the following areas of interest: mathematics, applied mathematics, or statistics. Students should see the academic unit for the approved course list.

Students should see the school's website for information about qualifier and comprehensive examinations based on math coursework.

The doctoral dissertation culminating experience consists of a dissertation prospectus, oral dissertation defense and the submission of a final revised, formatted dissertation document to the Graduate College. Dissertations are composed under chair and committee supervised research including literature review, research, data collection and analysis, and writing.

When approved by the student's supervisory committee and the Graduate College, this program may allow up to 30 credit hours from a previously awarded master's degree to be used for this program. If students do not have a previously awarded master's degree, the remaining coursework is made up of electives and research.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in mathematics or a closely related area, with exceptionally high grades in advanced coursework in mathematics, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- statement of education and career goals
- writing sample
- GRE (general) scores
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Additional eligibility requirements include competitiveness in an applicant pool as evidenced by the required GRE scores.

At least two of the letters of recommendation must be from faculty.

Contact Information:

Liberal Arts & Sciences, The College of
School of Mathematical and Statistical Sciences
<https://math.asu.edu/degrees/graduate/mathematics-education-phd>
WXLR A216
grad.math@asu.edu
480-965-3951

Medieval Studies (certificate), Certificate (LAMEDSTCE)

Online Degree Search Title: Medieval Studies (Graduate Certificate)

Campus: Tempe

Program Description:

The certificate program in medieval studies prepares students for advanced study or for academic positions by augmenting their skills and knowledge, thereby making them better equipped to meet the demands of their fields.

Degree Requirements:

18 credit hours, or 27 credit hours.

Medieval Latin:

one semester (three or four credit hours) for students at the master's degree level, two semesters (six to eight credit hours) for doctoral students

proficiency attested either by achieving a grade of "B" (3.00 on a 4.00 scale) or better in the Medieval Latin courses or by satisfactory performance on the Medieval/Renaissance Latin examinations offered by the Centre for Medieval Studies at the University of Toronto (the requirement presupposing two years or 12 to 16 credit hours or equivalent of undergraduate training in Latin)

Medieval vernacular language (e.g., Old English, Old Norse, Old French):

two semesters (six credit hours) for students at the master's degree level, three semesters (nine credit hours) for doctoral students

Paleography:

one semester (three credit hours)

Medieval coursework outside the major discipline:

two semesters (six credit hours) for students at the master's degree level, three semesters (nine credit hours) for doctoral students

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Admission is open to all ASU graduate students in good standing who are enrolled in an existing master's or doctoral degree program.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. The Graduate College requires a TOEFL score of at least 550 (PBT) or 80 (iBT).

International students who need an F1 or J1 visa will first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission be considered for admission to this certificate program.

Contact Information:

Liberal Arts & Sciences, The College of
Historical, Philosophical & Religious Studies, Sch
<https://acmrs.org/academic-programs/certificate>
COOR 4432
acmrs@asu.edu
480-965-8097

Microbiology, MS (LAMICROMS)

Online Degree Search Title: Microbiology, MS

Campus: Tempe

Program Description:

The MS program in microbiology is designed to prepare students for careers in bacteriology, virology, mycology, immunology and oncology in academic institutions, government agencies or commercial entities.

Students receive advanced training in the study of microbes and their impact on humankind, disease and the environment. They use tools ranging from nanotechnologies and genomics to mathematical models and satellite-based imagine. Students receive training in both teaching and basic, translational and use-inspired research with world-class faculty and collaborative research partners. Faculty members are associated with the School of Life Sciences, The Biodesign Institute, The Translational Genomics Institute, Barrow Neurological Institute, and other area hospitals and research centers.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Biological Sciences, BS
- Biological Sciences (Biology and Society), BS
- Biological Sciences (Biomedical Sciences), BS
- Biological Sciences (Conservation Biology and Ecology), BS
- Biological Sciences (Genetics, Cell and Developmental Biology), BS
- Biological Sciences (Neurobiology, Physiology and Behavior), BS
- Microbiology, BS
- Microbiology (Medical Microbiology), BS
- Molecular Biosciences and Biotechnology, BS
- Neuroscience, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

30 credit hours and a thesis.

Required Core (3 credit hours)

MIC 501 Foundations in Microbiology (3)

Electives and Research (21 credit hours)

Culminating Experience (6 credit hours)

MIC 599 Thesis (6)

Additional Curriculum Information

Students should see the academic unit for a complete list of approved electives.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in the biological sciences, biochemistry or a closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- academic record form
- personal statement
- curriculum vitae or resume
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Prior research experience is a desired qualification for admission.

Contact Information:

Liberal Arts & Sciences, The College of

School of Life Sciences

<https://sols.asu.edu/degrees/grad/microbiology-ms>

LSA 181

sols.grad@asu.edu

480-965-1768

Microbiology, PHD (LAMICROPHD)

Online Degree Search Title: Microbiology, PhD

Campus: Tempe

Program Description:

The PhD program in microbiology offers a dynamic research environment; a broad range of basic, translational and use-inspired research areas; cutting-edge transdisciplinary training; and opportunities to work with world-class faculty and collaborative research partners committed to training scientific leaders with skills necessary to address significant global microbiological problems and challenges.

Faculty members are associated with the School of Life Sciences, The Biodesign Institute, The Translational Genomics Institute, Barrow Neurological Institute, and other area hospitals and research centers.

The microbiology doctoral program prepares students for research and teaching careers in bacteriology, virology, mycology, immunology and oncology at universities and colleges, government agencies and industry.

Degree Requirements:

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (3 credit hours)

MIC 501 Foundation in Microbiology (3)

Electives or Research (69 credit hours)

Culminating Experience (12 credit hours)

MIC 799 Dissertation (12)

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in the biological sciences, biochemistry or a closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants must submit the following:

- graduate admission application and application fee
- official transcripts
- academic record form
- personal statement
- curriculum vitae or resume
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Prior research experience is a desired qualification for admission.

Contact Information:

Liberal Arts & Sciences, The College of
School of Life Sciences
<https://sols.asu.edu/degrees/grad/microbiology-phd>
LSA 181
sols.grad@asu.edu
480-965-1768

Molecular and Cellular Biology, MS (LACELLMS)

Online Degree Search Title: Molecular and Cellular Biology, MS

Campus: Tempe

Program Description:

The MS program in molecular and cellular biology encourages interdisciplinary, innovative, world-class research. It allows students to choose from a diverse range of research and training opportunities that extend beyond the traditional boundaries of biological research.

Graduates are prepared for successful careers in the biological sciences.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Biological Sciences, BS
- Biological Sciences (Biology and Society), BS
- Biological Sciences (Biomedical Sciences), BS
- Biological Sciences (Conservation Biology and Ecology), BS
- Biological Sciences (Genetics, Cell and Developmental Biology), BS
- Biological Sciences (Neurobiology, Physiology and Behavior), BS
- Microbiology, BS
- Molecular Biosciences and Biotechnology, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

30 credit hours and a thesis.

Required Core (9 credit hours)

MCB 555 Advanced Molecular and Cellular Sciences (6)

MCB 556 Advanced Molecular and Cellular Biology II (3)

Electives or Research (7 credit hours)

Other Requirements (8 credit hours)

MCB 501 Seminar: Molecular and Cellular Biology Colloquium (4)

BIO 543 Molecular Genetics and Genomics (3)

BIO 610 Introduction to Responsible Conduct of Research (RCR) in Life Sciences (1)

Culminating Experience (6 credit hours)

MCB 599 Thesis (6)

Additional Curriculum Information

Students are required to take MCB 501 each semester they are registered. If a student is registered for more or fewer than four semesters, the research hours and MCB 501 hours may be adjusted accordingly to reach 30 credit hours.

Students should see the academic unit for a complete list of approved electives.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in the biological sciences, biochemistry or a closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants must submit the following:

- graduate admission application and application fee
- official transcripts
- academic record form
- personal statement
- curriculum vitae or resume
- GRE scores
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Desired Qualifications:

- GRE scores
- research experience

Contact Information:

Liberal Arts & Sciences, The College of
School of Life Sciences

<https://sols.asu.edu/degrees/grad/molecular-cellular-biology-ms>

LSA 181

sols.grad@asu.edu

480-965-1768

Molecular and Cellular Biology, PHD (LACELLPHD)

Online Degree Search Title: Molecular/Cellular Biology, PhD

Campus: Tempe

Program Description:

The PhD program in molecular and cellular biology prepares students for careers that cross traditional disciplinary boundaries.

It provides a diverse range of research and training opportunities for doctoral students interested in pursuing a transdisciplinary approach to their studies that extends beyond the traditional boundaries of biological research. Participating faculty members and researchers are drawn from multiple departments, colleges, centers and institutes across the university, including:

- School of Life Sciences
- Department of Chemistry and Biochemistry
- School of Biological and Health Systems Engineering
- School for Engineering of Matter, Transport and Energy
- School of Mathematical and Statistical Sciences
- School of Human Evolution and Social Change
- Department of Psychology
- New College of Interdisciplinary Arts and Sciences.

Participating faculty members are also based at partner institutions in the greater Phoenix area, including:
Academic Catalog Archive 2020-2021

- Translational Genomics Research Institute
- Mayo Clinic in Arizona
- Barrow Neurological Institute
- Carl T. Hayden Veteran's Administration Medical Center
- University of Arizona College of Medicine-Phoenix.

Former graduates are leaders at academic institutions, in government, and in industry.

Degree Requirements:

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (9 credit hours)

MCB 555 Advanced Molecular and Cellular Sciences (6)

MCB 556 Advanced Molecular and Cellular Biology (3)

Electives or Research (51 credit hours)

Other Requirements (12 credit hours)

BIO 543 Molecular Genetics and Genomics (3)

BIO 610 Introduction to Responsible Conduct of Research (RCR) in Life Sciences (1)

MCB 701 Seminar: Molecular and Cellular Biology Colloquium (8)

Culminating Experience (12 credit hours)

MCB 799 Dissertation (12)

Additional Curriculum Information

Courses listed as other requirements may be substituted with approval of the academic unit.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in the biological sciences, biochemistry or a closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants must submit the following:

- graduate admission application and application fee
- official transcripts
- academic record form
- personal statement
- curriculum vitae or resume
- GRE scores
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Desired qualifications include GRE scores and research experience.

Contact Information:

Liberal Arts & Sciences, The College of

School of Life Sciences

<https://sols.asu.edu/degrees/grad/molecularcellular-biology-phd>

LSA 181

sols.grad@asu.edu

480-965-1768

Online Degree Search Title: Museum Studies, MA

Campus: Tempe

Program Description:

The MA program in museum studies examines how museums produce and reflect culture and examines the role museums play worldwide.

Students develop theoretical questions and applied skills that engage the functions, practices and critical analyses of museums. They also gain practical experience while being encouraged to challenge preconceived notions about museums and the way museums affect and are affected by societies and cultures. Designed to be use-inspired, socially embedded and transcultural, the program ensures that students understand the meaning and significance of museums in contemporary society and prepares them for diverse museum careers.

Degree Requirements:

30 credit hours and a portfolio.

Required Core (3 credit hours)

ASB 579 Critical Issues in Museum Studies (3)

Electives and Research (18)

ASB 592 Research (6)

other electives and research (12)

Other Requirements (9)

ASB 500 Research Methods (3) or ASB 572 Museum Collection Management (3)

ASB 584 Internship (6) OR ASB 584 Internship (3) and ASB 580 Practicum (3)

Culminating Experience (0 credit hours)

portfolio (0)

Additional Curriculum Information

For a complete list of approved elective and research courses, students should contact the school.

Internship (ASB 584) and Practicum (ASB 580) must be approved by their supervisory committees, usually in a museum setting or museum quality collection or archive related to their chosen area of study: anthropology, art history, theory and criticism or public history.

Other courses may be substituted for ASB 500 as an equivalent course with academic unit approval.

On completion of the internship, students must submit a journal or portfolio about the internship and skills acquired.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution. Suitable backgrounds for admission include disciplines related to museum studies, anthropology, history or art (fine art or art history).

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00="A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00="A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- personal statement outlining educational and professional goals
- current curriculum vitae or resume
- GRE scores
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Contact Information:

Liberal Arts & Sciences, The College of

School of Human Evolution & Social Change
<https://shesc.asu.edu/degrees/museum-studies-ma>
SHESC 233
shesc.grad@asu.edu
480-965-6215

Museum Studies (certificate), Certificate (LAMUSEUMCE)

Online Degree Search Title: Museum Studies (Graduate Certificate)

Campus: Tempe

Program Description:

In the museum studies certificate program, students examine how museums produce and reflect culture and they examine the role museums play worldwide.

Students develop theoretical questions and applied skills that engage the functions, practices and critical analyses of museums. They gain practical experience while being encouraged to challenge preconceived notions about museums and the way they affect and are affected by societies and cultures. Designed to be use-inspired, socially embedded and transcultural, the program ensures that students understand the meaning and significance of museums in contemporary society and prepares them for diverse museum careers.

Degree Requirements:

18 credit hours.

Required Core (3 credit hours)

ASB 579 Critical Issues in Museum Studies (3)

Electives (9 credit hours)

Other Requirements (6 credit hours)

ASB 580 Practicum (3) and ASB 584 Internship (3) OR

ASB 584 Internship (6)

Additional Curriculum Information

Certificate students may choose to specialize in areas such as anthropology, art history and public history.

For a complete list of approved elective and research courses, students should contact the school.

Internship (ASB 584) and Practicum (ASB 580) must be approved by their supervisory committees, usually in a museum setting or museum-quality collection or archive related to their chosen area of study: anthropology, art history, theory and criticism or public history.

For students currently enrolled in an ASU graduate degree program, applicable certificate courses may count toward their degree program, with the approval and consent of the degree granting program. For certificate students who are later admitted to an ASU graduate degree program, up to 12 credit hours from the certificate program may count toward their doctoral degree or up to 12 credit hours may count toward their master's degree, with the approval and consent of the degree-granting program.

All requirements for the certificate program should be completed within a three-year time limit with a minimum cumulative GPA of 3.00 (scale is 4.00 = "A"). Students who require more time to finish the program (because of their part-time status or lack of desirable or available courses) must obtain approval from the executive committee.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution. Suitable backgrounds for admission include disciplines related to museum studies, anthropology, history or art (fine art or art history).

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- personal statement outlining educational and professional goals
- current curriculum vitae or resume

- GRE scores
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa will first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission be considered for admission to this certificate program.

For information on spring admission, students should contact the School of Human Evolution and Social Change.

Disclosure information about this U.S. Department of Education Gainful Employment program is available at <https://catalog.asu.edu/files/disclosures/LAMUSEUMCE/Gedt.pdf> (<https://catalog.asu.edu/files/disclosures/LAMUSEUMCE/Gedt.pdf>).

Contact Information:

Liberal Arts & Sciences, The College of
School of Human Evolution & Social Change
<https://shesc.asu.edu>
SHESC 233
shesc.grad@asu.edu
480-965-6215

Nanoscience, PSM (LANANPSM)

Online Degree Search Title: Nanoscience, PSM

Campus: Tempe

Program Description:

The PSM in nanoscience is a cohesive program of transdisciplinary courses that provide the knowledge base required for research and innovation in nanoscience. The program incorporates courses in:

- chemistry and biochemistry
- electrical engineering
- materials science
- physics

Commercial innovation is a particular target goal of the degree, including applications in:

- biochemistry and sensing technology
- biophysics and biomedical technology
- nanomaterials and nanoscale devices

The Professional Science Master's degree program in nanoscience is suitable for working professionals as well as for students who have obtained a traditional bachelor's degree or master's degree in related fields.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Biochemistry, BS
- Biochemistry (Medicinal Chemistry), BS
- Chemistry, BS
- Materials Science and Engineering, BSE
- Physics, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

32 credit hours including the required applied project course (NAN 593).

Required Core (5 credit hours)

NAN 505 Nanoscience and Society (2) or NAN 506 Innovation and IP Management (2)

NAN 571 Quantum Physics (3) or NAN 544 Introduction to Nanoscience (3)

Electives or Research (15 credit hours)

Other Requirements (6 credit hours)

NAN 591 Professional Seminar (6)

Culminating Experience (6 credit hours)

NAN 593 Applied Project (6)

Additional Curriculum Information

Students must take either NAN 505 or NAN 506. Students may also take the other course as an elective.

Students with a physical science or engineering background should take NAN 571 Quantum Physics and students with a biochemistry or life sciences background should take NAN 544 Introduction to Nanoscience.

The program includes a two-semester, student-centered professional seminar in which emerges the central role of the program as a vehicle for innovation. During the spring semester and summer session, students conduct an individual applied project in association with a research group. Throughout the program, students interact with research faculty and other students in a variety of disciplines related to nanoscience. Students also meet with visiting speakers and industrialists in the professional seminar as well as in other seminars.

If taken full time, the PSM in nanoscience can be completed in 12 months (fall semester, spring semester and two eight-week summer sessions). Another option is the two-year, part-time program which allows prospective students and their employers flexibility in scheduling the program of study.

Students should see the academic unit for a complete list of approved electives. Many of the requisite elective courses are currently offered within the Department of Physics and the Department of Chemistry and Biochemistry. Most are cross-listed with other units.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in physics, chemistry or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- personal statement
- resume
- two letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. TOEFL scores or equivalent are required for applicants whose native language is not English.

The personal statement should outline the applicant's research interests and why the applicant wants to apply to the Professional Science Master's degree program.

GRE scores are not required but are taken into consideration if submitted.

Letters of recommendation should be from individuals familiar with the applicant's work or studies relevant to the program.

Contact Information:

Liberal Arts & Sciences, The College of
Department of Physics

<https://physics.asu.edu/degrees/graduate/psm-profesional-masters-degree-nanoscience>

PSF 470

nanoscience@asu.edu

Natural Science (Geological Sciences), MNS (LANATSCIMN)

Online Degree Search Title: Geological Sciences, MNS

Campus: Tempe

Program Description:

The School of Earth and Space Exploration participates in the program leading to the MNS in geological sciences. This transdisciplinary degree program is designed to meet the needs of professionals seeking a graduate-level degree. The program is especially suited for individuals who desire professional training rather than research training.

The program offers the opportunity for transdisciplinary graduate training in the natural sciences (i.e., biological sciences, mathematics and physical sciences) and cognate areas. Because it is flexible by design, the program also offers the opportunity for individualized professional graduate programs depending upon the backgrounds and goals of the students. The program must be transdisciplinary; students are expected to emphasize coursework in two or more areas of specialization.

Degree Requirements:

30 credit hours and an applied project.

The supervisory committee is chosen by the student in conjunction with the advisor. The composition of the supervisory committee must reflect the transdisciplinary nature of the program. The student will develop a suitable applied project with the approval of the supervisory committee.

Students must submit a plan of study after conferring with the supervisory committee. While a minimum of 30 credit hours is required for the degree, more credit hours may be required by the supervisory committee, depending upon the background of the student and the nature of the proposed program. All students admitted to this program are also required to take two seminars:

GLG 500 SESE Colloquium (1)

GLG 591 Faculty Research Seminar (1)

In some cases, undergraduate courses may be required to remove deficiencies.

An applied project is required.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program.

All applicants must submit:

- graduate admissions application and application fee
- official transcripts
- statement of purpose
- GRE scores
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Contact Information:

Liberal Arts & Sciences, The College of

School of Earth and Space Exploration

<https://sese.asu.edu/degrees/graduate/geological-sciences-mns>

ISTB4 795

sese-grad@asu.edu

480-965-5081

Natural Science (Physics), MNS (LAPHYSMNS)

Online Degree Search Title: Physics, MNS

Campus: Tempe

Program Description:

The MNS program in physics provides transdisciplinary graduate training in physics, physical science or physics education. The program is especially suited for high school science teachers who desire professional training rather than research training.

Designed for flexibility, the curriculum also features individualized professional graduate programs. These programs are well-suited to the backgrounds and goals of students. Students are expected to emphasize coursework in two or more areas of concentration. The program must be transdisciplinary.

Degree Requirements:

30 credit hours including the required applied project course (PHS 593).

The graduate advisor and the student suggest three faculty members who reflect the transdisciplinary nature of the program to serve on the supervisory committee, which upon the recommendation of the chair of the Department of Physics is appointed by the vice provost for the Graduate College soon after the student has been admitted to the degree program.

After conferring with the student, the supervisory committee recommends the plan of study. The committee may require additional coursework to ensure proficiency, depending upon the student's background and the nature of the proposed program. In some cases, undergraduate courses may be required to overcome deficiencies.

Teachers may enroll in these courses in order to earn credit toward recertification or to pursue a Master of Natural Science degree. These courses are held during the summer. Depending on teacher interest, they may be offered at other times. For some courses, the prerequisites are two semesters of trigonometry-based college physics and an introductory calculus course.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's degree from a regionally accredited institution. The program is open to in-service high school teachers who have completed two semesters of college physics and an introductory calculus course. Under-prepared teachers can make up deficiencies in regularly scheduled courses. Students must be able to attend classes in-person at the Tempe campus.

Applicants must have a minimum GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts of all undergraduate and graduate coursework
- two letters of recommendation
- personal statement
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The letters of recommendation should be from individuals familiar with the applicant's work or studies relevant to the natural science program.

Conditions for admission are the availability of resources for the proposed program and a Department of Physics faculty member designated to serve as a graduate advisor.

Contact Information:

Liberal Arts & Sciences, The College of

Department of Physics

<https://physics.asu.edu/degrees/graduate/master-of-natural-science>

PSF 470

physics.grad@asu.edu

480-965-3561

Neuroscience, PHD (GCBMENPHD)

Online Degree Search Title: Neuroscience, PhD

Campus: Tempe

Program Description:

Neuroscience involves the study of the nervous system and its relation to an organism's function. It encompasses how gene and nerve networks interact with the environment throughout an organism.

The PhD program in neuroscience integrates aspects of graduate-level training from many different units on campus as well as from the program's partner institutions distributed across the greater Phoenix area. Partner institutions include Barrow Neurological Institute, Translational Genomics Research Institute, University of Arizona College of Medicine and Sun Health Research Institute.

This degree is appropriate for a teaching or research career in academia or a science career with a biotech, medical or pharmaceutical company, as well as other employment opportunities.

Degree Requirements:

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (10 credit hours)

NEU 555 Advanced Molecular and Cellular Sciences (6)

NEU 556 Human Systems Neuroscience (4)

Electives or Research (56 credit hours)

Other Requirements (6 credit hours)

NEU 558 Neuroscience Journal Club (3)

NEU 591 Seminar (3)

Culminating Experience (12 credit hours)

NEU 799 Dissertation (12)

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution. Regular admission may be granted to applicants who have achieved a GPA of 3.00 (scale is 4.00 = "A") or better in the last two years of work leading to a bachelor's degree and who are competitive in the applicant pool as evidenced by letters of recommendation. Particular attention is paid to research experience and overall preparation in problem-solving abilities as evidenced by previous coursework and research experiences.

Because this program draws on an extremely broad range of disciplinary backgrounds in recruiting students, there is no specific set of undergraduate course requirements other than those implied by the degree requirements described above. Most students are expected to have had coursework in biology, chemistry and math.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- academic record form
- personal statement
- curriculum vitae or resume
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Research experience is a desired qualification.

Contact Information:

Liberal Arts & Sciences, The College of

School of Life Sciences
https://sols.asu.edu/degrees/grad/neuroscience-phd
LSA 181
sols.grad@asu.edu
480-965-1768

Philosophy, MA (LAPHILMA)

Online Degree Search Title: Philosophy, MA

Campus: Tempe

Program Description:

The School of Historical, Philosophical and Religious Studies offers an MA degree program in traditional and contemporary philosophy. General areas of research include ethics, political philosophy, metaphysics, epistemology, philosophy of law, philosophy of science, feminist philosophy, philosophy of language, experimental philosophy and the history of philosophy. Members of the faculty are involved in interdisciplinary work in a variety of fields and enjoy close ties with the Lincoln Center for Applied Ethics, the Sandra Day O'Connor College of Law, and a number of other graduate programs at ASU. The philosophy program sponsors an active colloquium series and regular philosophical conferences on diverse topics. The Lincoln Center for Applied Ethics also sponsors a wide range of activities, including large-scale conferences, distinguished visitors and support for graduate study.

The master's degree program in philosophy is designed to prepare students to:

- enter doctoral programs
- teach philosophy at the community college level
- work in any area that requires critical, analytical thinking, such as medicine, law, government or publishing

The program seeks to maintain a balance between course offerings in the traditional areas of philosophy and opportunities for study of current philosophical developments.

Degree Requirements:

30 credit hours and a portfolio, or 30 credit hours and a thesis.

Required Core Areas (12 credit hours)

epistemology (3)

history of philosophy (3)

metaphysics (3)

value theory (3)

Electives and Research (12 or 18 credit hours)

Culminating Experience (0 or 6 credit hours)

PHI 599 Thesis (6) or

portfolio (0)

Additional Curriculum Information

There are two culminating experience options for the master's degree program in philosophy: the thesis option and the nonthesis portfolio option.

For electives, thesis students take 12 credit hours of electives. Portfolio students take 18 credit hours of electives, which must include PHI 592 Research for three credit hours.

Students should see the academic unit for the list of courses approved for each core area in epistemology, history of philosophy, metaphysics and value theory.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- statement of purpose
- curriculum vitae
- writing sample
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency as well as a copy of an article or research paper in their native or principal research language in addition to the English writing sample required of all students. The philosophy program requires a TOEFL score of at least 600 (PBT) or 90 (iBT).

The statement of purpose should explain the applicant's specific intent and be no more than 600 words in length.

The writing sample must be a piece of philosophical writing, preferably a seminar paper or published article (no more than 20 pages) and not a thesis or dissertation.

Contact Information:

Liberal Arts & Sciences, The College of
 Historical, Philosophical & Religious Studies, Sch
<https://shprs.asu.edu/degree/grad/philosophy-ma>
 COOR 4595
 SHPRSGradInfo@asu.edu
 480-965-5778

Philosophy, PHD (LAPHILPHD)

Online Degree Search Title: Philosophy, PhD

Campus: Tempe

Program Description:

The School of Historical, Philosophical and Religious Studies offers a newly redesigned PhD philosophy program. General areas of research include ethics, political philosophy, metaphysics, epistemology, philosophy of law, philosophy of science, philosophy of language, philosophy of religion and the history of philosophy.

The program features a focus on practical and applied philosophy and an interdisciplinary coursework component related to the student's research topic. Practical philosophy includes the fields of ethics, philosophy of law, social and political philosophy, feminist ethics and political philosophy. Applied philosophy includes both the application of theories developed within any of the subdisciplines of philosophy to everyday problems or phenomena (for example, the application of the philosophy of language in relation to hate speech or the philosophy of mind in relation to computing and artificial intelligence). Applied philosophy also includes the application of research produced by methods used in other disciplines in order to understand and address philosophical questions (for example, the application of data-gathering instruments used in psychology to answer questions in experimental philosophy).

Students may design dissertation projects in any of the major subfields of philosophy. For their interdisciplinary coursework supporting the dissertation project, students might, for example, pursue a certificate in social transformation, gender studies, responsible innovation in sciences, or engineering and society, etc.

Members of the faculty are involved in interdisciplinary work in a variety of fields and enjoy close ties with the Lincoln Center for Applied Ethics, the College of Law and a number of other graduate programs at the university. The ASU philosophy faculty group sponsors an active colloquium series and regular philosophical conferences on diverse topics. The Lincoln Center for Applied Ethics also sponsors a wide range of activities, including large-scale conferences, distinguished visitors and support for graduate study.

The program is designed to prepare students for careers as philosophers, as teachers of philosophy and in areas in which they may benefit from advanced training in philosophy, such as law, civil service and publishing.

Degree Requirements:

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core Areas (18 credit hours)

applied philosophy (3)

epistemology (3)

formal methods (3)

history of philosophy (3)

metaphysics (3)

value theory (3)

Electives (42 credit hours)

Research (12 credit hours)

PHI 792 Research (12)

Culminating Experience (12 credit hours)

PHI 799 Dissertation (12)

Additional Curriculum Information

Students should see the academic unit for the list of courses approved for each required core area.

In completing the electives requirements, at least nine credit hours and no more than 18 credit hours must be from other disciplines supporting the student's proposed dissertation area. 30 credit hours from a previously awarded master's degree may apply toward this requirement with approval by the student's supervisory committee and the Graduate College.

To ensure breadth in the traditional areas of philosophy, students must pass with a grade of "B" (3.00 on a 4.00 scale) or better.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- official GRE scores
- statement of purpose
- curriculum vitae
- writing sample
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency, a copy of an article or research paper in their native or principal research language, as well as the English writing sample required of all students regardless of current residency. The philosophy program requires a TOEFL score of at least 600 (PBT) or 100 (iBT), or 7.0 on the IELTS.

GRE scores should be no more than five years old. Official scores should be sent by the ETS to ASU using the university code 4007. The department code may be left blank or entered as 0000.

The statement of purpose should explain the applicant's scholarly background and training, career goals, the primary field the applicant wishes to pursue, and the proposed research specialization (no more than 600 words in length).

The writing sample must be a piece of philosophical writing, preferably a seminar paper or published article (no more than 20 pages).

Contact Information:

Liberal Arts & Sciences, The College of
Historical, Philosophical & Religious Studies, Sch
<https://shprs.asu.edu/degree/grad/philosophy-phd>
COOR 4595
SHPRSGradInfo@asu.edu
480-965-5778

Online Degree Search Title: Philosophy (History and Philosophy of Science), MA

Campus: Tempe

ASU is not currently accepting applications for this program.

Program Description:

Nationally, there is great interest in science and in understanding the nature of science and the forces that change scientific research. The job market in philosophy is strong for philosophers of science (and especially in the life sciences) with some positions remaining unfilled even when the market is intensely competitive in other areas. In addition, the history and philosophy of science is becoming a strong disciplinary emphasis within growing professional societies.

Some programs, elsewhere, focus primarily on philosophy or primarily on history, but those that bring the two together are regarded among the strongest in each area. The objective here is to provide a program for students who come to history and philosophy of science from the humanities and who seek a career based in philosophical analysis of the sciences. ASU's MA program in philosophy with a concentration in the history and philosophy of science has the research strength competitive with any international program.

Degree Requirements:

30 credit hours, including the required capstone course (HPS 551) and a thesis.

Graduate coursework includes:

history of science (3)

philosophy of science (3)

topics in the history of science (3)

topics in the philosophy of science (3)

research methods in the history and philosophy of science (3)

prospectus writing (3)

research and thesis (12)

Admission Requirements:

This program is no longer accepting applications.

Contact Information:

Liberal Arts & Sciences, The College of
Historical, Philosophical & Religious Studies, Sch

<https://sols.asu.edu/degree-programs/graduate>

LSC 284

SOLS@asu.edu

480-965-8927

Philosophy (History and Philosophy of Science), PHD (LAHPSPHD)

Online Degree Search Title: Philosophy (History and Philosophy of Science), PhD

Campus: Tempe

ASU is not currently accepting applications to this program.

Program Description:

The strength of ASU's PhD program in philosophy with a concentration in the history and philosophy of science is to bring philosophy, history and the study of science together. This degree program combines solid training in the core areas of philosophy with an emphasis on transdisciplinary studies of the sciences and their conceptual structure, epistemology, history, and impacts on society.

The program is especially appropriate for students with a background in philosophy who seek to broaden their disciplinary studies with a historical perspective. Applicants will typically come from undergraduate programs that have included philosophical, historical or history and philosophy of science training, or with a master's degree in one of those fields. Science students are eligible as well and will make up relevant undergraduate humanistic core courses during their first years.

Most graduates will seek a career based in philosophical or historical analyses of the sciences.

Degree Requirements:

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Concentration (18 credit hours)

history of science (3)

philosophy of science (3)

prospectus writing (3)

research methods in the history and philosophy of science (3)

topics in the history of science (3)

topics in the philosophy of science (3)

Other Requirements (21 credit hours)

advanced logic or approved equivalent (3)

approved philosophy or other relevant courses (9)

a course in history of philosophy (3)

a course in value theory (3)

HPS 615 Biology and Society Lab (3 hours, one credit each)

Electives or Research (33 credit hours)

Culminating Experience (12 credit hours)

HPS 799 Dissertation (12)

Admission Requirements:

This program is not currently accepting applications.

Contact Information:

Liberal Arts & Sciences, The College of

Historical, Philosophical & Religious Studies, Sch

<https://sols.asu.edu/degrees/grad/history-philosophy-science-phd>

LSC 226

SOLS@asu.edu

480-965-1768

Physics, MS (LAPHYSIMS)

Online Degree Search Title: Physics, MS

Campus: Tempe

ASU is not currently accepting applications for this program.

Program Description:

The MS program in physics provides graduate instruction and research experience appropriate to many physics-related careers. The structure of the program is flexible enough to allow a wide range of programs of study and a wide range of student backgrounds. It is also suitable for part-time study.

Completion of the program requires a minimum of two years, with students typically taking courses for the first three semesters and completing a research project in their final semester. Each student defends a master's degree thesis at the end of the program.

Degree Requirements:

30 credit hours and a thesis.

The master's degree in physics can emphasize either physics or physics in combination with other fields.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in physics or a closely related field, from a regionally accredited institution. To be admitted to the master's degree program in physics without deficiencies, applicants should have adequate undergraduate preparation equivalent to an undergraduate major of 30 credit hours in physics and 20 credit hours in mathematics. Courses in analytic mechanics, electromagnetism and modern physics, including quantum mechanics, are particularly important.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- test scores for the verbal, quantitative and analytical sections of the GRE
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency in the form of a TOEFL or equivalent score regardless of current residency.

Submission of scores for the physics GRE subject test is recommended, although not mandatory.

Financial support in the form of teaching or research assistantships is contingent upon satisfactory performance in coursework, timely completion of the final examination for the master's degree, and need and availability of such support.

Students on probation are offered financial support only under exceptional circumstances.

Contact Information:

Liberal Arts & Sciences, The College of
Department of Physics
<https://physics.asu.edu/>
PSF 470
physics.grad@asu.edu
480-965-3561

Physics, PHD (LAPHYSIPHD)

Online Degree Search Title: Physics, PhD

Campus: Tempe

Program Description:

The PhD in physics is intended for highly capable students having the interest and ability to follow a career in independent research. Graduates find positions in a variety of settings, such as academic faculty, administration, government labs, industrial labs and management.

The recent advent of the graduate faculty initiative at ASU extends the spectrum of potential physics doctoral topics and advisors to include highly transdisciplinary projects that draw upon:

- biochemistry
- biology
- chemistry
- electrical engineering
- materials science
- other related fields

Consequently, students and doctoral advisors can craft novel doctoral projects that transcend the classical palette of physics subjects. Transdisciplinary expertise of this nature is increasingly vital to modern science and technology.

Current areas of particular emphasis within the department include:

- biological physics
- cosmology
- electron diffraction and imaging
- nanoscale and materials physics
- particle physics and astrophysics

The department has more than 90 doctoral students and more than 40 faculty members.

Degree Requirements:

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Coursework (18 credit hours)

PHY 500 Research Rotation I (3)

PHY 500 Research Rotation II (3)
PHY 521 Classical and Continuum Mechanics (3)
PHY 531 Electrodynamics (3)
PHY 541 Statistical Physics (3)
PHY 576 Quantum Theory (3)

Electives or Research (54 credit hours)

Culminating Experience (12 credit hours)
PHY 799 Dissertation (12)

Additional Curriculum Information

Of particular note within the core courses are the PHY 500 Research Rotations, which are specifically designed to engage doctoral students in genuine, faculty-guided research starting in their first semester at ASU. Students take PHY 500 in the first and second year of study.

Coursework beyond the core courses is established by the student's doctoral advisor and supervisory committee, working in partnership with the student. The intent is to tailor the doctoral training to the specific research interests and aptitudes of the student while ensuring that each graduating student emerges with the expertise, core knowledge and problem-solving skills that define a successful doctoral degree in physics.

When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used for this degree. If students do not have a previously awarded master's degree, the 30 credit hours of coursework are made up of electives to reach the required 84 credit hours.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in physics or a closely related area, from a regionally accredited institution. Applicants must have had adequate undergraduate preparation equivalent to an undergraduate major of 30 credit hours in physics and 20 credit hours in mathematics. Courses in analytic mechanics, electromagnetism and modern physics, including quantum mechanics, are particularly important.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- personal statement
- resume
- GRE scores (general GRE and physics GRE)
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Scores from the verbal, quantitative and analytical sections of the GRE are required. The subject GRE test scores are also required.

Applicants requesting credit for prior graduate courses, taken either at ASU or elsewhere, must demonstrate mastery of the relevant course material to the graduate-level standards of the Department of Physics.

Contact Information:

Liberal Arts & Sciences, The College of
Department of Physics
<https://physics.asu.edu/content/physics-phd-0>
PSF 470
physics.grad@asu.edu
480-965-3561

Plant Biology and Conservation, MS (LAPLBIOMS)

Online Degree Search Title: Plant Biology and Conservation, MS

Campus: Tempe

Program Description:

Conservation addresses a growing need for botanists and conservation biologists in academic institutions, government agencies and nongovernmental organizations.

The MS program in plant biology and conservation provides students with advanced training in plant ecology, evolution and floristics as well as in theory and practice of conservation biology. Students have the opportunity to work with faculty and researchers from ASU and the Desert Botanical Garden, located in Phoenix near ASU's Tempe campus.

This master's degree program is offered in collaboration with the Desert Botanical Garden.

Degree Requirements:

30 credit hours and a thesis.

Required Core (3 credit hours)

PLB 502 Perspectives in Plant Biology (3)

Research (3 credit hours)

PLB 592 Research (3)

Electives (17 credit hours)

Other Requirements (1 credit hour)

PLB 591 Seminar (1)

Culminating Experience (6 credit hours)

PLB 599 Thesis (6)

Additional Curriculum Information

Students should see the academic unit for a complete list of approved electives.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in biology, botany or a closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants must submit the following:

- graduate admission application and application fee
- official transcripts
- academic record form
- personal statement
- curriculum vitae or resume
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Contact Information:

Liberal Arts & Sciences, The College of

School of Life Sciences

<https://sols.asu.edu/degrees/grad/plant-biology-conservation-ms>

LSA 181

sols.grad@asu.edu

480-965-1768

Online Degree Search Title: Political Psychology, MA

Campus: Online

Program Description:

Developed as an interdisciplinary program crossing political science and psychology, the MA in political psychology was created to aid in the professional advancement of electoral and issue advocacy campaigns, government and private sector careers, and careers in non-profit organizations. Students learn skills necessary to mobilize voters and social movements, advance governmental programs, design successful political communication strategies, and effectively market political candidates for local, state and federal offices.

The program's mission is to educate students in the most recent insights from evidence-based research, prepare students with innovative tools and knowledge that gives them an advantage over their peers, and encourage hands-on training that ensures what they learn inside of the classroom applies outside of the classroom.

Students have regular interactions with world-class teachers and researchers who help students learn how to shape the world in a meaningful and positive way.

Degree Requirements:

30 credit hours including the required capstone course (PPS 550).

Required Core (3 credit hours)

PPS 501 Fundamentals of Political Psychology (3)

Other Requirement (15 credit hours)

PPS 502 Cognition and Emotions in Political Thinking (3)

PPS 503 Prejudice, Stereotypes and Intergroup Relations (3)

PPS 504 Attitudes and Persuasion (3)

PPS 505 Biopolitics (3)

PPS 506 Experimental Design (3)

Electives or Research (6 credit hours)

Internship (3 credit hours)

PPS 584 Internship (3)

Culminating Experience (3 credit hours)

PPS 550 Capstone (3)

Additional Curriculum Information

Students should see the academic unit for a list of approved elective courses.

Other requirement coursework may be substituted with approval, including courses like "Social Media and Campaigns" or "Defining the Digital Audience" from the Cronkite School. Those substitutions are based on student interest in narrowing their specialization with guidance. This program does not seek to replicate existing communications or marketing degrees, but rather harness the political psychology perspective as applied to a variety of potential student interests and careers.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:

- graduate admission application and application fee
- official transcripts
- letter of intent or written statement

- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/graduate/political-psychology-ma/>)

Contact Information:

Liberal Arts & Sciences, The College of
School of Politics and Global Studies

<https://spgs.asu.edu>

COOR 6748

spgs@asu.edu

480-965-8563

Political Science, MA (LAPOLSCMA)

Online Degree Search Title: Political Science, MA

Campus: Tempe

Program Description:

The MA program in political science offers a variety of areas of specialization within and between the four main sub-fields of political science --- American politics, comparative politics, international relations, and political theory --- with particular strengths in ethno-religious dynamics, women and politics, conflict and human rights, and Latino politics.*

Faculty also conduct research and teach in the areas of political psychology and political economy, and many are active in collaborative interdisciplinary research at ASU and with scholars at other universities; many have won major grants and awards. The school is host to the Center on the Future of War, the Center for Latina/os and American Politics Research and an experimental lab.

This Master of Arts program may be taken as a terminal program or as a step toward eventual fulfillment of the requirements for the doctorate. Students who plan to obtain the doctorate at ASU should apply directly to the doctoral program.

*Students interested in a political theory specialization should consult with the academic unit prior to application.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Global Studies, BA

Political Science, BA

Political Science, BS

Politics and the Economy, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

30 credit hours and a portfolio, or 30 credit hours and a thesis.

Required Core Course (3 credit hours)

POS 503 Empirical Political Inquiry (3)

Other Requirements (6 credit hours)

focus area course (3)

POS 603 Polimetrics I or second focus area course for political theory (3)

Electives (15 - 21 credit hours)

Culminating Experience (0 - 6 credit hours)

POS 599 Thesis (6) or

portfolio (0)

Additional Curriculum Information:

Students selecting the thesis option must submit a written thesis and hold an oral defense. Students selecting the portfolio option must submit a written paper and hold an oral defense.

The course POS 603 Polimetrics I (3) may be substituted with permission of both the director of Graduate Studies and the faculty advisor. Students in the political theory focus area will take a second focus area course instead of POS 603.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- personal statement
- writing sample
- GRE scores
- three letters of recommendation
- list of political science courses taken
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

To assist in evaluating all candidates, the applicant should list titles and related information for all previous undergraduate and graduate courses or coursework in political science or related fields. The file must be saved in a .pdf, .doc, .rtf or .txt format and uploaded with the online graduate admission application. The information should be in a table with the following column headings: Course Title, Undergrad Credit Hours, Graduate Credit Hours, Grade, Institution, Year.

Undergraduate coursework in political science is not a prerequisite for admission. However, master's degree students should have a basic understanding of elementary statistics and the undergraduate content of the political science fields of concentration that they wish to study. Students should allow sufficient time to acquire such a background.

Contact Information:

Liberal Arts & Sciences, The College of
School of Politics and Global Studies
<https://spgs.asu.edu/political-science-ma>
COOR 6801
spgs@asu.edu
480-965-8563

Political Science, PHD (LAPOLSCPHD)

Online Degree Search Title: Political Science, PhD

Campus: Tempe

Program Description:

The PhD program in political science is intended to develop scholars who demonstrate a high level of excellence in teaching and research as professional political scientists. It offers a variety of areas of specialization within and between the four main sub-fields of political science: American politics, comparative politics, international relations and political theory. Students interested in a political theory specialization should consult with the academic unit prior to application.

Program faculty have particular strengths in ethno-religious dynamics, women and politics, conflict and human rights, and Latino politics. Faculty also conduct research and teach in the areas of political psychology and political economy.

The school is host to the Center on the Future of War, the Center for Latina/os and American Politics Research and an experimental lab. Many faculty members are active in collaborative interdisciplinary research at ASU and with scholars at other universities, and they have won major grants and awards, as have the school's doctoral students. Program graduates have a strong track record of obtaining positions in academic, public

and private sectors. The program works closely with students so they have the opportunity and tools needed to achieve their career goals.

Degree Requirements:

84 credit hours, a written comprehensive exam, a prospectus and a dissertation.

Required Core (3 credit hours)

POS 503 Empirical Political Inquiry (3)

Electives and Research (39 credit hours)

Culminating Experience (12 credit hours)

POS 799 Dissertation (12)

Additional Curriculum Information

A maximum of 12 credit hours of approved coursework outside the department but within ASU may count toward the required 84 credit hours.

Coursework beyond the 12 credit hour maximum may be taken outside the department with permission of both the director of Graduate Studies and the faculty advisor.

When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used for this degree. If students do not have a previously awarded master's degree, the 30 hours of coursework is made up of electives to reach the required 84 credit hours.

Also required is a formal oral defense of the dissertation and a written comprehensive examination in the major and minor fields.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- personal statement
- writing sample
- GRE scores
- three letters of recommendation
- list of political science courses taken
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

To assist in evaluating all candidates, the applicant should list titles and related information for all previous undergraduate and graduate courses or coursework in political science or related fields. The file must be saved in a .pdf, .doc, .rtf or .txt format and uploaded with the online graduate admission application. The information should be in a table with the following column headings: Course Title, Undergrad Credit Hours, Graduate Credit Hours, Grade, Institution, Year.

Undergraduate coursework in political science is not a prerequisite for admission. However, applicants to the doctoral program should have a basic understanding of elementary statistics and the undergraduate content of the political science fields of specialization that they wish to study. Students without this background should allow sufficient time to acquire it.

Contact Information:

Liberal Arts & Sciences, The College of
School of Politics and Global Studies
<https://spgs.asu.edu/political-science-phd>
COOR 6801

Psychology, PHD (LAPSYCHPHD)

Online Degree Search Title: Psychology, PhD

Campus: Tempe

Program Description:

The Department of Psychology offers PhD programs designed to provide outstanding training in innovative research, methodology and the application of psychological principles to a wide variety of human conditions. The department is organized into six major areas of interest. The quantitative research methods area is a formalized concentration separate from the other training areas; it requires application directly to that program (<https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/LAPSYQUPHD/graduate/false> (<https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/LAPSYQUPHD/graduate/false>)).

- behavioral neuroscience
- clinical psychology
- cognitive science
- developmental psychology
- quantitative research methods
- social psychology

Students pursue their graduate studies within one of these six areas, and each area determines the basic curriculum for their graduate program. There is, however, substantial opportunity to integrate courses of study across areas in the department.

Further specialized emphases are available that integrate across programs in the university.

At the core of doctoral training in psychology is an emphasis on the development of skill in research and quantitative methods. Faculty in all six areas are actively engaged in major research programs. These theoretically grounded research programs address the breadth of psychological processes, including evolution and behavior; cognitive processes (e.g., attention, language, memory) as they occur within the context of perception and action, personality and issues of stigma and prejudice; individual resilience; cultural influences on psychological processes; neurobiological and psychosocial processes that underlie behavior and health (e.g., drug abuse, stress, heart disease); prevention of child mental health problems; and lifespan developmental aspects of emotion and cognition.

A unique strength of the Department of Psychology is the wealth of outstanding faculty members whose specialization is quantitative methods. A breadth of courses and experiences in quantitative methods are available that are well-integrated into the areas of research that characterize the department and offer students the distinctive opportunity to develop expertise in this critical domain.

Degree Requirements:

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (3 or 4 credit hours)

PSY 502 Professional Issues in Psychology (3) or

PSY 531 Multiple Regression in Psychological Research (4)

Electives and Research (68 or 69 credit hours)

Culminating Experience (12 credit hours)

PSY 799 Dissertation (12)

Additional Curriculum Information

In addition to required coursework pertaining to the training area, students take courses related to their area of interest as determined in consultation with their supervisory committees. Requirements vary across training areas.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in psychology or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- SlideRoom application and fee
- statement of purpose form
- applicant response form
- graduate assistantship application
- curriculum vitae or resume
- GRE scores
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

To apply to the doctoral programs, applicants must follow the instructions on the doctoral program admissions instructions and checklist. It is strongly recommended that applicants download and print this form to ensure completion of the application process and include all of the required supplemental forms.

The Department of Psychology application process is completed online through ASU's Graduate Admission Services which includes the application form and official transcripts. Application to Department of Psychology doctoral programs is also completed via SlideRoom to process supplemental application materials. The SlideRoom account requires an additional fee.

Applicants must submit three academic letters of recommendation from faculty members who know the student well. Three letters are required but four letters of recommendation may be submitted.

Contact Information:

Liberal Arts & Sciences, The College of
 Department of Psychology
<https://psychology.asu.edu/degrees/doctoral>
 PSY 203
 psychgrad@asu.edu
 480-965-7598

Psychology (Quantitative Research Methods), PHD (LAPSYQUPHD)

Online Degree Search Title: Psychology (Quantitative Research Methods), PhD

Campus: Tempe

Program Description:

The quantitative research methods concentration of the PhD in psychology focuses on the broad class of quantitative and methodological issues that arise in the conduct of both basic and applied psychological research.

There are six core faculty members in the quantitative concentration who, in addition to their quantitative research, collaborate with colleagues in substantive research areas. These collaborations help to support the training of students in quantitative methods against a backdrop of methodological issues associated with the substance of psychological science.

The quantitative concentration program is committed to training the next generation of psychological methodologists who will make contributions in developing methods in the areas of measurement, study design and analysis, modeling, and evaluating the utility of new and existing methods in psychological research.

Degree Requirements:

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (3 or 4 credit hours)

PSY 502 Professional Issues in Psychology (3) or

PSY 531 Multiple Regression in Psychological Research (4)

Concentration (3 credit hours)

PSY 533 Structural Equation Modeling (3)

Other Requirements (31 credit hours)

PSY 530 Intermediate Statistics (4)

PSY 532 Analysis of Multivariate Data (3)

PSY 534 Psychometric Methods (3)
PSY 536 Statistical Methods in Prevention Research
PSY 537 Longitudinal Growth Modeling (3)
PSY 538 Advanced Structural Equation Modeling (3)
PSY 539 Multilevel Models for Psychological Research (3)
PSY 540 Missing Data Analysis (3)
PSY 543 Statistical Mediation Analysis (3)
PSY 555 Experimental and Quasi-Experimental Designs for Research (3)

Electives (22 or 23 credit hours)

Research (12 credit hours)

Culminating Experience (12 credit hours)

PSY 799 Dissertation (12)

Additional Curriculum Information

Electives are determined in consultation with the student's supervisory committee.

Other requirements courses may be substituted for other courses based on consultation with the student's supervisory committee.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- SlideRoom application and fee
- statement of purpose form
- applicant response form
- curriculum vitae or resume
- GRE scores
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

To apply to the doctoral programs, applicants must follow the instructions on the Doctoral Program Admissions Instructions and Checklist. It is strongly recommended that applicants download and print the Doctoral Program Admissions Instructions and Checklist to ensure completion of the application process and include all of the required supplemental forms.

The Department of Psychology application process is completed online through ASU's Graduate Admission Services which includes the application form and official transcripts. Application to the Department of Psychology doctoral programs is also completed via SlideRoom to process supplemental application materials. The SlideRoom account requires an additional fee.

Applicants must submit three academic letters of recommendation from faculty members who know the student well. Three letters are required but four letters of recommendation may be submitted.

Contact Information:

Liberal Arts & Sciences, The College of
Department of Psychology
<https://psychology.asu.edu/quantitative>
PSY 203
psychgrad@asu.edu
480-965-7606

Religious Studies, MA (LARELIGMA)

Online Degree Search Title: Religious Studies, MA

Campus: Tempe

Program Description:

The faculty in religious studies offer a graduate program leading to the MA in religious studies. Candidates are offered an opportunity to develop knowledge of various religious traditions in their historical and cultural contexts and to learn research methods. Although students often concentrate upon a single religious tradition for their thesis work, the program provides a broadly comparative understanding of religions, not simply a specialist's training in a single tradition.

Degree Requirements:

30 credit hours including the required applied project course (REL 593) and a foreign language exam, or 30 credit hours, a thesis and a foreign language exam.

Required Core (6 credit hours)

REL 501 Research Methods in Religious Studies (3)

REL 502 Research Methods in Religious Studies (3)

Electives or Research (18-21 credit hours)

Culminating Experience (3-6 credit hours)

REL 599 Thesis (6) or

REL 593 Applied Project (3)

Additional Curriculum Information

There are two options for the culminating experience: a thesis or an applied project. An oral defense of the final written work is required for both options.

The thesis option is recommended for students intending to seek admission to a doctoral program upon completion of the master's degree or for students who plan to teach in the discipline at community colleges. Thesis students must have reading knowledge of all languages relevant to the proposed thesis topic and take 18 credit hours of electives or research coursework.

The applied project option is recommended for students intending to augment their primary area of expertise and professional training in fields such as counseling, journalism, K-12 education, law, social work and the ministry. The applied project requires submission of three publishable papers: one on theory and method, one on the student's minor area of study, and one on the major area of study. The student's chosen areas of study determine the coursework taken as electives, with applied project students taking 21 credit hours of electives coursework, four courses being in a major area of study and two courses being in a minor area. Reading knowledge of a foreign language relevant to the proposed area of study is required.

The student's plan of study may include up to six credit hours of 400-level coursework or one REL 690: Reading and Conference (3) course with department approval.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution. Transcripts must show evidence of having completed the equivalent of 15 credit hours of undergraduate work in the study of religions, including advanced courses in both western and Asian or other nonwestern religions. Applicants who have not met this requirement may be required to take additional coursework beyond program requirements to remedy this deficiency.

Applicants must have a minimum cumulative GPA of 3.30 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program. The most competitive applicants have a GPA of 3.50 or higher.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- statement of purpose
- curriculum vitae
- writing sample
- contact information for three references
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Students are required to submit contact information for three academic references who are qualified to provide detailed, accurate evaluations of the applicant's potential as a graduate student in religious studies. Professors are preferred, particularly faculty advisors. Recommenders are contacted by the Graduate College with a request to complete a reference questionnaire.

The statement of purpose should be approximately 1,000 words and should outline the applicant's academic background, career goals, and specific areas of interest in religious studies.

Contact Information:

Liberal Arts & Sciences, The College of
Historical, Philosophical & Religious Studies, Sch
<https://shprs.asu.edu/degree/grad/religious-studies-ma>
COOR 4595
SHPRSGradInfo@asu.edu
480-965-5778

Religious Studies, PHD (LARELIGPHD)

Online Degree Search Title: Religious Studies, PhD

Campus: Tempe

Program Description:

The academic study of religion is a central component of the humanities and has become increasingly recognized as a critical tool in understanding society and politics in a globalized world.

The PhD program in religious studies is designed for graduate students who would benefit from greater expertise regarding the nature and role of religion around the world. The program provides supplementary training that includes history, anthropology, political science, journalism, secondary education and justice studies. Through this program, graduate students are trained for careers as scholars and teachers in the academic study of religion.

Doctoral tracks in the study of religion approach the study in a variety of contexts. Specifically offered are tracks in:

- anthropology of religion
- global Christianity
- Islam in global contexts
- religion in Asia
- religion in the Americas

Degree Requirements:

84 credit hours, foreign language exams, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

The plan of study must contain a minimum of 84 credit hours, including 12 hours of dissertation. Courses and research hours are approved by the student's supervisory committee.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution. Transcripts must show evidence of having completed the equivalent of 15 credit hours of undergraduate work in the study of religions, including advanced courses in both western and Asian or other nonwestern religions. Applicants who have not met this requirement may be required to take additional coursework beyond program requirements to remedy this deficiency.

Applicants must have a minimum cumulative GPA of 3.30 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.30 (scale is 4.00 = "A") in an applicable master's degree program. The most competitive applicants will have a GPA of 3.50 or higher.

All applicants must submit:

- graduate admission application and application fee
- official transcripts

- GRE scores
- statement of purpose
- curriculum vitae
- writing sample
- contact information for three references
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. The Graduate College requires a minimum TOEFL score of 550 (PBT) or 80 (iBT).

The statement of purpose should be approximately 1,000 words describing the applicant's academic background, the reasons for wishing to pursue a doctorate in religious studies, the proposed area of specialization, and specific research topics the student plans to engage in at Arizona State University.

The writing sample should be a work of original scholarly writing, approximately 15 to 30 pages in length. It should represent the student's best academic writing.

Students are required to submit contact information for three academic references who are qualified to provide detailed, accurate evaluations of the applicant's potential as a graduate student in religious studies. Professors, particularly faculty advisors, are preferred. Recommenders are contacted by the Graduate College with a request to complete a reference questionnaire. Letters of recommendation can be submitted in addition to answering these questions online.

GRE scores should be no more than five years old. Official scores should be sent by the ETS to ASU using the university code 4007. The department code can be left blank or entered as 0000.

Contact Information:

Liberal Arts & Sciences, The College of
 Historical, Philosophical & Religious Studies, Sch
<https://shprs.asu.edu/degree/grad/religious-studies-phd>
 COOR 4595
 SHPRSGradInfo@asu.edu
 480-965-5778

Renaissance Studies (certificate), Certificate (LARENAISCE)

Online Degree Search Title: Renaissance Studies (Graduate Certificate)

Campus: Tempe

Program Description:

In this Renaissance studies certificate program, Renaissance language, early modern language and paleography lay the foundation for the examination of a time that gave the world humanism, the statue of David and more.

Students completing the certificate program are prepared for advanced study or for academic positions.

Degree Requirements:

18 credit hours (MA certificate), or 27 credit hours (PhD certificate).

Renaissance Language:

Master's degree students are required to take one semester of a Renaissance language (three to four credit hours). Doctoral degree students of Medieval/Renaissance Latin, Spanish literature or Portuguese literature are required to take two semesters (six to eight credit hours). This requirement presupposes two years or 12 to 16 credit hours or the equivalent of undergraduate training in Latin.

Proficiency is proven either by achieving a grade of "B" or better (3.00 on a 4.00 scale) in the medieval Latin courses or by satisfactory performance on the Medieval/Renaissance Latin examinations offered by the Centre for Medieval Studies, University of Toronto.

Early modern language at the upper-division level:

Master's degree students are required to take two semesters (six credit hours). Doctoral degree students are required to take three semesters (nine credit hours). Literature or linguistics classes may apply.

Paleography:

Students are required to take one semester (three credit hours).

Coursework outside the major discipline:

Master's degree students are required to take two semesters (six credit hours). Doctoral degree students are required to take three semesters (nine credit hours).

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Admission is open to all ASU graduate students enrolled in an existing master's degree or doctoral program and in good standing.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission be considered for admission to this certificate program.

Contact Information:

Liberal Arts & Sciences, The College of
Historical, Philosophical & Religious Studies, Sch
<https://acmrs.asu.edu/students>
COOR 4432
acmrs@asu.edu
480-965-8097

Scholarly Publishing (certificate), Certificate (LASCHPUBCE)

Online Degree Search Title: Scholarly Publishing (Graduate Certificate)

Campus: Tempe

ASU is not currently accepting applications for this program.

Program Description:

The scholarly publishing certificate program offers training in publishing studies to graduate students from any discipline.

The program focuses on publishing wherever it occurs: museums, corporations, cultural institutions, university presses, commercial houses, digital startups, libraries, journal and textbook publishers, and learned societies. Students create the future world of publishing as it is expressed in the digital world of e-books, apps, blogs, websites, interactive media, online scholarship and popular writing.

Graduates work for publishing houses, museums, corporations, cultural institutions, government agencies and libraries.

Degree Requirements:

20 credit hours.

Coursework includes four required core courses and electives from a variety of disciplines. The certificate requirement includes a summer internship. Some courses may be applied to both the certificate and the student's degree program.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or

applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- a resume or curriculum vitae
- a letter of intent
- three reference letters
- official transcripts
- writing sample
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission be considered for admission to this certificate program.

Graduate students in any discipline may pursue a certificate in scholarly publishing in conjunction with their degree programs. The program is also open to students who already hold graduate degrees.

The resume or curriculum vitae is required, and it must be uploaded into the online application.

The letter of intent should be addressed to the history review committee explaining the applicant's scholarly background and training, career goals and why the applicant wants to pursue graduate study at ASU (about 500 words in length).

Students should contact their references and inform them that they will be contacted by Graduate Admission Services and asked to submit an electronic recommendation. Students are required to submit a minimum of three email addresses from faculty or others qualified to speak to the student's suitability for graduate study in scholarly publishing.

For the writing sample, applicants are to submit a sample of their written work electronically. The writing sample may be an article (published or unpublished), a research paper or any other extended example of expository skill no longer than 35 double-spaced pages in length. Longer writing samples should not be submitted without first consulting the graduate director. Documents should not be password protected. Acceptable file types are .rtf, .pdf and .doc.

Disclosure information for this U.S. Department of Education Gainful Employment program is available at <https://catalog.asu.edu/files/disclosures/LASCHPUBCE/Gedt.pdf> (<https://catalog.asu.edu/files/disclosures/LASCHPUBCE/Gedt.pdf>).

Contact Information:

Liberal Arts & Sciences, The College of
Historical, Philosophical & Religious Studies, Sch
<https://shprs.asu.edu/>
COOR 4595
SHPRSGradInfo@asu.edu
480-965-5778

Scientific Teaching in Higher Education (certificate), Certificate (LASTHEGRCT)

Online Degree Search Title: Scientific Teaching in Higher Education Certificate (Graduate Certificate)

Campus: Tempe

Program Description:

The graduate certificate program in scientific teaching in higher education provides graduate students with the skills and knowledge needed to implement and evaluate evidence-based teaching at the college level.

As part of the program, students gain experience teaching science in a higher education setting, take teaching-related coursework, and complete a culminating experience under the guidance of a scientific teaching faculty mentor. This culminating experience can be either a significant teaching experience, including the use of evidence-based teaching, or discipline-based education research focused on undergraduate science education.

Degree Requirements:

17 credit hours including an applied project course (BIO 593).

Required Core (6 credit hours)

BIO 530 Scientific Teaching (2)
BIO 531 Advanced Scientific Teaching (3)
BIO 532 Recent Papers in Discipline-Based Education Research (1)

Electives (6 credit hours)

Other Requirement (2 credit hours)

Students have to select a teaching internship course from a restricted list.

Culminating Experience (3 credit hours)

BIO 593 Applied Project (3)

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants must submit the following:

- graduate admissions application and application fee
- official transcripts
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission be considered for admission to this certificate program.

Contact Information:

Liberal Arts & Sciences, The College of
School of Life Sciences

<https://sols.asu.edu/degree-programs/scientific-teaching-higher-education-certificate-graduate-certificate>

LSA 181

sols.grad@asu.edu

480-965-1768

Sexuality Studies (Certificate), Certificate (LASXSGRCT)

Online Degree Search Title: Sexuality Studies (Graduate Certificate)

Campus: Downtown Phoenix, Tempe, West

Program Description:

The graduate certificate program in sexuality studies addresses the social construction of sexualities, sexual identities and cultures. This program interrogates heterosexuality and institutionalized heterosexism and addresses lesbian, gay, bisexual, transgender, queer and two-spirit identities and expressions as well as nonnormative sexual identities that are not captured by LGBTQ-TS categories.

This program allows students the flexibility to work with courses in sexuality studies offered across disciplines and units at ASU. Students gain theoretical and analytic tools to examine gender and sexual formations and how social issues and state institutions impact and are impacted by sexuality as a social norm. In addition, coursework allows students to further investigate sexualities in relation to sexual stratification, reproductive rights and justice, sexual health and justice, carceral genders and sexualities, sex work, the state and legal system, and transnational and diasporic formations.

Degree Requirements:

15 credit hours.

Required Core (3 credit hours)

SST 604 Sexuality Studies (3)

Electives (12 credit hours)

Additional Curriculum Information

For elective coursework, students should see the academic unit for the approved course list. Other coursework may be used with the approval of the academic unit.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- a statement of purpose for pursuing the certificate
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission be considered for admission to this certificate program.

The certificate is only open to current ASU degree-seeking students. However, with academic unit and Graduate College approval, up to nine credit hours of ASU nondegree credit may be transferred into the certificate program for those who eventually gain admission into an ASU graduate degree program. This is administered by the graduate certificate committee. Students should refer to the Graduate College policy on certificate programs.

Contact Information:

Liberal Arts & Sciences, The College of
School of Social Transformation
<https://sst.asu.edu/graduate-certificates>
WILSN 125
SSTadvising@asu.edu
480-965-7682

Social and Cultural Pedagogy, MA (LASCPMA)

Online Degree Search Title: Social and Cultural Pedagogy, MA

Campus: Tempe

Program Description:

The MA in social and cultural pedagogy is a two-year program designed for educators with professional experience who seek to develop real-world skills and practical knowledge that will help them accomplish specific career goals.

The first of its kind in North America, the program focuses on the study of learning beyond schooling, delving into research, theory and practice for nonformal education across cultures, ages and education levels. This is an interdisciplinary program in social and cultural pedagogy in which students work with communities to address and solve complex societal problems by analyzing social structures and cultural dynamics and by planning, implementing and evaluating social and educational strategies in a variety of areas, with a focus on nonformal and informal education. Each student creates a highly individualized and transdisciplinary path of study, taking classes tailored to meet their specific goals.

A master's degree in social and cultural pedagogy provides educators with the skills they need to create positive change in nontraditional educational settings, including early childhood education, museums, nongovernmental organizations, and adult and community education, among others.

Degree Requirements:

30 credit hours and a thesis, or 30 credit hours including the required applied project course (SST 593).

Required Core (9 credit hours)
JUS 500 Research Methods (3)
SST 501 Foundations of Social Transformation (3)
SST 510 Social and Cultural Pedagogy: Theoretical and Practical Issues (3)

Electives (15 or 18 credit hours)

Culminating Experience (3 or 6 credit hours)
SST 593 Applied Project (3) or
SST 599 Thesis (6)

Additional Curriculum Information

Students who elect to complete the applied project option must take 18 credit hours of elective coursework to reach the required 30 credit hours for the program.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution recognized by ASU.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- statement of purpose
- resume
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. TOEFL scores are required for applicants whose native language is not English.

Applicants should supply a two- to three-page application letter (writing sample) in which they explain why they want to study in this program and why they feel well-prepared to succeed in this graduate program.

The resume should describe prior educational history, related work or volunteer experiences.

Contact Information:

Liberal Arts & Sciences, The College of
School of Social Transformation
<https://sst.asu.edu/degrees/grad/social-cultural-pedagogy-ma>
WILSN 125
SSTgraduate@asu.edu
480-965-7682

Social Science Research Methods (Certificate), Certificate (LASSRMGRCT)

Online Degree Search Title: Social Science Research Methods (Graduate Certificate)

Campus: Downtown Phoenix, Polytechnic, Tempe, West

Program Description:

Many of the biggest problems today --- from tracking the outbreak of diseases, to managing scarce water resources, to understanding the impact of new technologies --- require collaboration across the medical sciences, the physical and biological sciences, the social sciences and engineering. ASU's emphasis on collaborative work across disciplines is crucial for understanding these complex problems and to develop solutions.

The interdisciplinary graduate certificate program in social science research methods prepares students to acquire, manage and analyze a broad range of data on human thought and human behavior. Data can be qualitative (e.g., text, images or sound) or quantitative (e.g., direct observation, surveys or geospatial). Data acquisition skills may include the downloading and managing of information from online sources or the primary collection of data in surveys or in direct observation. A key feature of this program is a focus on data analysis, so students and professionals will be

able to analyze and interpret any data that they can collect. All students in this program demonstrate skills in statistical analysis as well as a selection of methods related to their interests.

This program is designed for applicants who hold a minimum of a bachelor's degree from regional, national or internationally accredited institutions, and in any field/discipline (e.g., anthropology, sociology, human development, sustainability, geography, political science or other fields with approval of the academic unit).

Degree Requirements:

18 credit hours including an applied project course (GCU 593).

Required Core (3 credit hours)

Choose one from the following:

FAS 508 Structural Equation Analysis for the Social Science (3)

PSY 531 Multiple Regression in Psychological Research (3)

SOC 508 Structural Equation Analysis for the Social Sciences (3)

STP 530 Applied Regression Analysis (3)

STP 531 Applied Analysis of Variance (3)

STP 533 Applied Multivariate Analysis (3)

Electives or Research (12 credit hours)

Culminating Experience (3 credit hours)

GCU 593 Applied Project (3)

Additional Curriculum Information

Students select one of the multivariate data analysis core courses for a total of three credit hours.

Students select four three-credit hour elective and research methods courses for a total of 12 credit hours in consultation with the program directors. The program recognizes that other graduate-level courses on research methods are offered at ASU. Advanced courses on methods are often taught in omnibus courses, courses that have rotating content and whose content is not reflected in their titles. Students may include these courses in their certificate curriculum with approval of the program directors.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution in a field such as human development, sustainability, geography or political science. Other subject areas may be accepted with approval from the academic unit.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A" in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants must have completed an introductory statistics course before admission to the program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- statement of interest
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa will first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

Examples of introductory statistics courses include:

CRJ 504 Statistical Tools for Criminology and Criminal Justice

NUR 617 Foundational Concepts in Science and Statistics

POS 603 Polometrics I

STP 530 Applied Regression Analysis

or equivalent with approval of the academic unit

A statement of interest should include how the certificate program will enhance the applicant's graduate studies or professional work.

Contact Information:

Liberal Arts & Sciences, The College of
School of Geographical Sciences and Urban Planning
<https://issr.asu.edu/social-science-research-methods-graduate-certificate>
COOR 5544
sgsup.gradprograms@asu.edu
480-965-5005

Social Transformation Certificate, Certificate (LASOTGRCT)

Online Degree Search Title: Social Transformation (Graduate Certificate)

Campus: Downtown Phoenix, Polytechnic, Tempe, West

Program Description:

The graduate certificate in social transformation is designed for graduate and postbaccalaureate students interested in how change is catalyzed by social movements, protest, law, social entrepreneurship, activism and community organizing. Through the exploration of theories and research related to social change, students are able to augment their disciplinary degrees and be prepared to contribute as leaders and change-makers in their communities.

Degree Requirements:

15 credit hours and a practicum.

Required Core (3 credit hours)

SST 501 Foundations of Social Transformation (3)

Electives (9 credit hours)

Culminating Experience (3 credit hours)

SST 580 Practicum (3)

Additional Curriculum Information

The electives taken are selected with the faculty advisor. The faculty advisor helps to directionalize the electives to ensure they have a common theme. This helps to ensure students' experiences in the courses align with the learning goals outlined for the certificate.

The culminating experience is a community-based practicum experience and a paper that synthesizes students' interests with their implications for social transformation. The practicum placement will be with a local nonprofit or governmental organization working toward social innovation and social change. Students are assisted in identifying a practicum placement by the program advisor. At the end of the practicum, students produce a paper which analyzes the social and political dimensions of some issue within social transformation or some aspect of it. The paper also should identify the implications of this aspect or issue for social policy and social justice. The paper should begin within the context of the practicum experience and will be presented to the designated subset of the certificate executive board for final approval. Students take SST 580 Practicum to complete the practicum and then revise, improve and finalize the paper with a certificate faculty member.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- statement of purpose
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa will first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission be considered for admission to this certificate program.

Students must submit a statement of purpose to the School of Social Transformation that is no longer than 250 words. The statement should indicate any demonstrated interest in the study of social transformation (e.g., previous coursework, professional experience, internships, career plans).

Applicants must meet the above criteria as judged by the School of Social Transformation graduate committee to have strong academic credentials, undergraduate or graduate GPA, as well as demonstrated interest in the area of social transformation. The committee reviews applications for the certificate program in the fall and spring semesters of each year and make its admission recommendations to Graduate Admission Services.

Contact Information:

Liberal Arts & Sciences, The College of
School of Social Transformation
<https://sst.asu.edu/content/social-transformation-certificate>
WILSN 125
SSTgraduate@asu.edu
480-965-7682

Socio-Economic Justice (certificate), Certificate (LAECJUGRCT)

Online Degree Search Title: Socio-Economic Justice (Graduate Certificate)

Campus: Tempe

Program Description:

The graduate certificate in socioeconomic justice addresses the social and political implications of global and local economies for economic inequality and social justice. This transdisciplinary program fuses interests in political economy, socioeconomic inequality and analysis of related policies and their consequences for social welfare in areas of income, housing, employment and education.

This program complements the current graduate curriculum at ASU and is structured to allow students to draw upon a combination of core courses in justice and social inquiry and coursework from units from throughout the university. The approach is transdisciplinary (i.e., inclusive of courses in a variety of disciplines but transcending disciplinary boundaries through an integrative core curriculum), intersectional (i.e., considering gender, race, class, nation and sexual relations) and transnational (courses that examine global and local concerns). It strengthens student understanding of the justice implications of the convergence of social and economic inequalities in the global economy.

Degree Requirements:

15 credit hours.

Required Core (6 credit hours)

Students must select one course from each of the following two areas of study:

Economic Justice (3 credit hours)

JUS 550 Gender, Race and Economic Justice (3) or

JUS 660 Globalization and Economic Justice (3) Conducting Research in Communities (3 credit hours)

JHR 525 Action Research in Social Justice and Human Rights (3) or

JUS 633 Community Research (3)

Electives (9 credit hours)

Additional Curriculum Information

Students must select three elective courses on socioeconomic justice from a restricted list, and they should see the academic unit for the full list of possible courses.

Only one 400-level course may be listed on the plan of study. Students must have prior approval from the director of the certificate program for use of any 400-level course.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- at least one letter of recommendation
- a statement of purpose for pursuing the certificate
- a writing sample demonstrating excellent writing and analytical skills
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission be considered for admission to this certificate program.

The letter of recommendation, statement of purpose and writing sample should be submitted to the justice and social inquiry program office.

Contact Information:

Liberal Arts & Sciences, The College of
School of Social Transformation
<https://sst.asu.edu/content/socio-economic-justice-grad-certificate>
WILSN 125
SSTgraduate@asu.edu
480-965-7682

Sociology, MA (LASOCMA)

Online Degree Search Title: Sociology, MA

Campus: Online

Program Description:

The MA program in sociology provides advanced training for those preparing for applied careers in sociology. Students gain knowledge and skills that can be used to promote healthy individuals and families. They develop an understanding of how social context influences well-being and an understanding of the factors that promote successful relationships and positive outcomes.

The online format provides easy access to rigorous and valuable information that informs best practices in improving the lives of individuals, families and communities. The program also includes a customizable culminating experience that allows students to focus their training in their areas of interest and work.

Degree Requirements:

30 credit hours and a capstone course (SOC 588).

Required Core (9 credit hours)

SOC 585 Sociological Theory (3)

SOC 586 Capstone I or FAS 586 Capstone I (3)

SOC 587 Capstone II or FAS 587 Capstone II (3)

Electives (12 credit hours)

Other Requirements (6 credit hours)

SOC 500 Research Methods (3)

SOC 501 Social Statistics (3)

Culminating Experience (3 credit hours)

SOC 588 Capstone III (3)

Additional Curriculum Information

Students should see the academic unit for a complete list of approved electives.

SOC 500 and SOC 501 may be replaced by equivalent courses with approval by the academic advisor.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00= "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts of all undergraduate and graduate coursework
- current resume or curriculum vitae
- a personal statement of goals relevant to the master's degree program
- two letters of recommendation from academic or professional backgrounds
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency; required is a TOEFL score of at least 600.

The personal statement must be four to five pages long, double-spaced, and it should address the applicant's professional goals, applicant's strengths for success in the program, and any relevant professional experience or responsibilities that have been completed.

Letters of recommendation must be from at least two individuals with a professional or academic background and connection to the applicant. Family members and friends do not meet this criterion. Letters of recommendation will be received electronically.

Applicants should see the program website for application deadlines and admission terms.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/graduate/master-arts-sociology/>)

Contact Information:

Liberal Arts & Sciences, The College of
Sanford School of Social and Family Dynamics
<https://thesanforsschool.asu.edu/degree-programs/graduate-programs/sociology-ma>
SS 144
graduatesanford@asu.edu
480-965-6875

Sociology, PHD (LASOCPHD)

Online Degree Search Title: Sociology, PhD

Campus: Tempe

Program Description:

The PhD program in sociology provides advanced training in theory, research methodology and substantive fields to prepare sociologists for teaching and research with special emphasis on family, medical sociology and demography.

Degree Requirements:

84 credit hours, a written comprehensive exam, a prospectus and a dissertation.

Required Core (6 credit hours)

SOC 603 Perspectives in Sociological Inquiry (3)

SOC 685 Applied Social Theory (3)

Theory (3 credit hours)

Methods (3 credit hours)

Statistics (3 credit hours)

Elective and Research (27 credit hours)

Culminating Experience (12 credit hours)

SOC 799 Dissertation (12)

Additional Curriculum Information

When approved by the student's supervisory committee and the Graduate College, 30 credit hours from a previously awarded master's degree are allowed to be used toward this degree.

A minimum of 30 credit hours of the approved doctoral program, exclusive of dissertation and research hours, must be completed after admission to the program.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a master's degree in sociology or related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- current resume or curriculum vitae
- personal statement detailing professional goals and research experiences
- writing sample
- GRE scores (verbal, quantitative and writing)
- three letters of appraisal from persons familiar with the applicant's academic background
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

A personal statement is required. It must be three pages or less, double spaced, and address the applicant's professional goals and reasons for desiring to enroll in the program, describe strengths that will help the student succeed in the program and reach professional goals, describe research experience (include a description of master's thesis if applicable) and relevant responsibilities held, indicate personal research interests as specifically as possible, and include any additional information that will help the committee to evaluate the application.

Three letters of recommendation are required, including at least one from an instructor at the applicant's institution where graduate work was completed and at least one from an instructor at the applicant's institution where undergraduate or graduate work was completed. These letters should be from people who know the applicant as a student or in a professional capacity. Letters from family members or friends do not meet this criterion.

Students should see the program website for application deadlines.

Contact Information:

Liberal Arts & Sciences, The College of
Sanford School of Social and Family Dynamics
<https://thesanforsschool.asu.edu/degree-programs/graduate-programs/sociology-phd>
SS 144
graduatesanford@asu.edu
480-965-6978

Spanish, MA (LASPANMA)

Online Degree Search Title: Spanish, MA

Campus: Tempe

Program Description:

The MA program in Spanish includes tracks in literature and culture and in linguistics. While the former includes Spanish, Spanish American and Mexican American literature and culture, the latter includes sociolinguistics or second language acquisition and applied linguistics.

Students admitted to the master's degree program in secondary education may elect Spanish as the subject matter field.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Spanish, BA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

30 credit hours and a portfolio, or 30 credit hours and a portfolio.

Required Core (3 credit hours)

SPA 540 History of the Spanish Language (3)

Culminating Experience
portfolio

Additional Curriculum Information

Students seeking a master's degree in Spanish should consult with the respective graduate representative.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in Spanish from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- personal statement
- resume or curriculum vitae
- writing sample
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Applicants should provide an academic writing sample such as an academic term paper, critical paper or research paper approximately 10 to 25 pages, prepared in an upper-division or graduate Spanish course.

Applicants should provide a personal statement that is no more than two pages, summarizing past educational experiences and goals in pursuing a graduate degree.

Contact Information:

Liberal Arts & Sciences, The College of
School of International Letters and Cultures
<https://silc.asu.edu/degrees/grad/spanish-ma>
LL 440
silc@asu.edu
480-965-6281

Spanish, PHD (LASPANPHD)

Online Degree Search Title: Spanish, PhD

Campus: Tempe

Program Description:

The Spanish PhD program consists of two specializations in Spanish literature or culture and four tracks: early modern, linguistics, Mexican-American studies and visual cultures.

The specializations in Spanish literature or cultural studies, which are intended to be as flexible as possible, establish broad areas of competence through an individualized program of study set with the supportive guidance of the student's advisor.

In addition, the tracks in literature consist of five courses that allow for a specialization in early modern, Mexican-American studies or visual cultures.

Graduate courses in literature and cultural studies focus on the production, distribution and reception of texts and their linguistics, either written or visual (photographs, films, visual narratives, etc.), their linguistic, rhetorical and literary structure and functions, with an emphasis on literary theories and aesthetics. Many literature courses explore issues relating to gender, class, race, ethnicity, globalization, environmental humanities, disability theories, post-human theories and digital humanities.

The Spanish linguistics track offers advanced interdisciplinary graduate training that combines key areas in second language acquisition and teaching, applied linguistics, heritage language research and pedagogy, sociolinguistics, and bilingualism, with an emphasis on U.S. Spanish. In addition to taking core courses in Spanish linguistics, students can opt to specialize in one of the three following options: second language acquisition and teaching methodologies, heritage language research and pedagogy, and sociolinguistics and bilingualism. Students receive training in state of the art quantitative and qualitative research methods on the study of language from diverse perspectives.

Degree Requirements:

84 credit hours, a foreign language exams, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (3 credit hours)

Track (18 credit hours)

Focus Area (0 or 12 credit hours)

Electives (27 or 39 credit hours)

Research (12 credit hours)

SPA 792 Research (12)

Culminating Experience (12 credit hours)

SPA 799 Dissertation (12)

Additional Curriculum Information

The doctoral program in Spanish has four available tracks: early-modern Iberian studies, Spanish linguistics, Mexican American studies, and visual studies.

Students in the Spanish linguistics track are required to complete 12 credit hours in a focus area. Available focus areas are: second-language acquisition and teaching methodologies; heritage language research and pedagogy; and sociolinguistics, bilingualism and Spanish in the U.S. Students in this track will complete a minimum of 27 credit hours of elective coursework.

Students in the early-modern Iberian studies, Mexican American studies, and visual studies tracks complete 39 credit hours of elective coursework and do not select a focus area.

The candidate must present an acceptable dissertation based on original investigation. The dissertation must represent a significant contribution to knowledge and demonstrate the candidate's ability to do independent, scholarly research.

Each candidate is expected to demonstrate a reading knowledge of one language other than English and Spanish. This language requirement must be satisfied before the candidate is eligible to take the comprehensive examination.

The written and oral comprehensive examination, designed to ascertain the candidate's knowledge and orientation in the field of study and competency to proceed with the dissertation, is required at or near the end of coursework.

When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used for this degree.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in Spanish or equivalent, from a regionally accredited institution. Applicants from other academic backgrounds with relevant coursework in Spanish language and cultural studies also may be evaluated by the admissions committee.

Applicants must have a minimum cumulative GPA of 3.75 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.75 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- writing sample
- personal statement
- resume
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

It is recommended but not required that students applying for admission to the program submit GRE scores; this is especially advisable for applicants for the Spanish Graduate Fellowship Award.

Candidates for the program will be required to demonstrate a near-native oral proficiency in Spanish and to show that they have developed a high order of expository prose in English and Spanish by presenting a term paper or a chapter of the master's degree thesis as their writing sample.

Contact Information:

Liberal Arts & Sciences, The College of
School of International Letters and Cultures
<https://silc.asu.edu/degrees/grad/spanish-phd>
LL 440
silc@asu.edu
480-965-6281

Spanish Language Pedagogy (certificate), Certificate (LASPAPGRCT)

Online Degree Search Title: Spanish Language Pedagogy (Graduate Certificate)

Campus: Tempe

Program Description:

Through graduate coursework, the certificate program in Spanish language pedagogy enables practicing teachers and graduate students to understand the process of Spanish language acquisition and learn cutting-edge teaching methodologies to make sound pedagogical decisions that lead to effective teaching and learning.

Students gain competence in designing effective and engaging Spanish language lessons for their students and learn to be sensitive to the needs of students with diverse linguistic and cultural backgrounds, such as heritage learners. Students learn to design accurate assessment measurements, writing assignments and culture-based lessons as well as utilize modern technologies to enhance Spanish language education.

Degree Requirements:

18 credit hours and a portfolio.

Required Core (3 credit hours)

SPA 596 Second Language Methodologies (3)

Other Requirements (9 credit hours)

SPA 543 Structure of Spanish (3)

SPA 546 Heritage Language Pedagogy (3)

SPA 598 ST: Spanish Second Language Acquisition (3)

Electives (6 credit hours)

Culminating Experience (0 credit hours)

portfolio (0)

Additional Curriculum Information

For courses listed as other requirements, alternative courses may be used with approval of the certificate codirectors

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in Spanish, Spanish literature and culture, Spanish linguistics, applied linguistics, second language acquisition and teaching, or a related field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- professional resume
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa will first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission be considered for admission to this certificate program.

Contact Information:

Liberal Arts & Sciences, The College of
School of International Letters and Cultures
<https://silc.asu.edu/degrees/grad/spanish-pedagogy-certificate>
LL 448B
SILC@asu.edu
480-965-6281

Spanish Linguistics, PHD (LASPALIPHD)

Online Degree Search Title: Spanish Linguistics, PhD

Campus: Tempe

Program Description:

The PhD program in Spanish linguistics prepares students for entrance into the academic profession (teachers and scholars) as well as for professions outside of academia. This degree offers advanced interdisciplinary graduate training that combines key areas in second language acquisition and teaching, applied linguistics, heritage language research and pedagogy, sociolinguistics and bilingualism with the supportive guidance of the student's advisor that will best prepare the candidate for a productive career in the discipline of Hispanic studies.

Degree Requirements:

84 credit hours, a written comprehensive exam, a prospectus and a dissertation.

Required Core (3 credit hours)

SPA 543 Structure of Spanish (3)

Track (9 credit hours)

Electives or Research (41 credit hours)

Other Requirements (19 credit hours)

COE 502 Introduction to Data Analysis (3)

GRD 791 Seminar: Preparing Future Faculty and Scholars (PFx)(1)

SPA 544 Spanish Phonology (3)

SPA 546 Heritage Language Pedagogy (3)

SPA 598 Topic: Sociolinguistics (3)

SPA 598 Topic: Research Methods for Linguistics (3)

SPA 598 Topic: Spanish Second Language Acquisition (3)

Culminating Experience (12 credit hours)

SPA 799 Dissertation (12)

Additional Curriculum Information

Students choose a track from two available: in Spanish heritage studies and sociolinguistics, or in second language acquisition and teaching. Students should see the academic unit for the approved course list for each track.

Other requirements courses may be substituted with approval of the academic unit.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in Spanish or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.75 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.75 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:>

- graduate admission application and application fee
- official transcripts
- two letters of recommendation
- written statement
- professional resume
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Contact Information:

Liberal Arts & Sciences, The College of
School of International Letters and Cultures
<https://silc.asu.edu/>
LL 440
silc@asu.edu
480-965-6281

Statistics, MS (GCSTATMS)

Online Degree Search Title: Statistics, MS

Campus: Tempe

Program Description:

The MS program in statistics draws upon a wide spectrum of faculty research and teaching interests, including from faculty outside of the school. As a result, plans of study can be transdisciplinary and tailored to reflect students' individual needs and goals.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Mathematics (Statistics), BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

30 credit hours and a portfolio - Professional Track, or 30 credit hours including a thesis - Academic Track, or 30 credit hours including an applied Project (STP 593) - Academic Track, or 30 credit hours, a written and oral comprehensive exam - Academic Track.

Required Core (3 credit hours)

ECN 525 Applied Regression Models (3) or

IEE 578 Regression Analysis (3) or

STP 530 Applied Regression Analysis (3)

Track Coursework (9 or 12 credit hours)

Electives (9-18 credit hours)

Culminating Experience (0-6 credit hours)

ECN 599 or IEE 599 or STP 599 Thesis (6)

STP 593 Applied Project (3)

oral and written comprehensive exam (0)

portfolio (0)

Additional Curriculum Information

Students in the master's of science in statistics will be required to select one of the two available tracks, the academic track or the professional track. Students should speak with their advisor in regards to the selection of a track and elective coursework based on the target career.

Students in the professional track complete the portfolio culminating experience and students in the academic track choose from an applied project, thesis or comprehensive exams.

Prerequisites may not be used to complete the 30 credit hours required for the degree.

If a student selects the thesis or applied project options, they must be defended at an oral examination. The thesis must conform to the Graduate College format requirements.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in mathematics, statistics or a closely related area from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- statement of education and career goals
- GRE (general) scores
- three letters of recommendation
- proof of English proficiency

Additional Curriculum Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Applicants should have completed the following courses (equivalents at ASU are given in parentheses), and applicants who lack any of these prerequisite courses must complete the prerequisites before being considered for admission:

- advanced calculus (MAT 371)
- calculus (MAT 270, MAT 271 and MAT 272)
- computer programming (CSE 100)
- introductory statistics (STP 420)
- linear algebra (MAT 342)

Contact Information:

Liberal Arts & Sciences, The College of
School of Mathematical and Statistical Sciences
<https://math.asu.edu/degrees/graduate/statistics-ms>
WXLR A216
grad.math@asu.edu
480-965-3951

Statistics, PHD (LASTPPHD)

Online Degree Search Title: Statistics, PhD

Campus: Tempe

Program Description:

As a science, statistics focuses on data collection and data analysis by using theoretical, applied and computational tools. The PhD program in statistics reflects this breadth in tools and considerations while allowing students sufficient flexibility to tailor their program of study to reflect individual interests and goals. Research can be of a disciplinary or transdisciplinary nature.

Degree Requirements:

84 credit hours, a written comprehensive exam, a prospectus and a dissertation.

Required Core (3 credit hours)

STP 526 Theory of Statistical Linear Models (3)

Other Requirements (15 credit hours)

IEE 572 Design Engineering Experiments (3) or STP 531 Applied Analysis of Variance (3)

IEE 578 Regression Analysis (3) or STP 530 Applied Regression Analysis (3)

STP 501 Theory of Statistics I: Distribution Theory 3 (3)

STP 502 Theory of Statistics II: Inference (3)

STP 527 Statistical Large Sample Theory (3)

Electives (42 credit hours)

Research (12 credit hours)

STP 792 Research (12)

Culminating Experience (12 credit hours)

STP 799 Dissertation (12)

Additional Curriculum Information

Electives are to be chosen from statistics or related area courses approved by the student's supervisory committee.

Other requirements courses may be substituted with department approval.

Students must pass:

- one qualifying examination and coursework in analysis
- a written comprehensive examination
- a dissertation prospectus defense

Students should see the department website for examination information.

Each student must write a dissertation and defend it orally in front of five dissertation committee members.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in mathematics, statistics or a closely related area, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- statement of education and career goals
- GRE (general) scores
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Completion of the following courses (equivalents at ASU are given in parentheses) is required. Applicants who lack any of these prerequisite courses must complete the prerequisites before being considered for admission.

- calculus (MAT 270, 271 and 272)
- advanced calculus (MAT 371)
- linear algebra (MAT 342)
- computer programming (CSE 100)
- introductory applied statistics (STP 420)

Contact Information:

Liberal Arts & Sciences, The College of
School of Mathematical and Statistical Sciences
<https://math.asu.edu/degrees/graduate/statistics-phd>
WXLR A216
grad.math@asu.edu
480-965-3951

Statistics (certificate), Certificate (GCSTATCE)

Online Degree Search Title: Statistics (Graduate Certificate)

Campus: Tempe

Program Description:

The statistics certificate program provides statistical training for graduate students at ASU and working professionals in the Phoenix metropolitan area. The program draws upon a variety of faculty research and teaching interests from various academic units so programs of study can be tailored to reflect individual needs and goals.

Degree Requirements:

15 credit hours.

Required Core (6 credit hours)

STP 530 Applied Regression Analysis (3) (or ECN 525 or IEE 578)

STP 531 Applied Analysis of Variance (3) (or ECN 530 or IEE 572)

Electives (9 credit hours)

Additional Curriculum Information

The nine elective credits are taken from a set of courses approved by the School of Mathematical and Statistical Sciences.

Students must have a GPA of at least 3.00 (scale is 4.00 = "A") in the courses which apply to the certificate.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission be considered for admission to this certificate program.

Applicants should have completed the following courses (equivalents at ASU are given in parentheses):

- introductory applied statistics (ECN 221, STP 226 or STP 420)
- one semester of calculus (MAT 210, MAT 265 or MAT 270)

Applicants are also required to have some computer literacy with knowledge of a programming language, a spreadsheet program or a statistical software program.

Contact Information:

Liberal Arts & Sciences, The College of
School of Mathematical and Statistical Sciences
<https://math.asu.edu/>
WXMLR A216
grad.math@asu.edu
480-965-3951

Teaching English to Speakers of Other Languages, MTESOL (LAENGMTESL)

Online Degree Search Title: Teaching English to Speakers of Other Languages, MTESOL

Campus: Tempe, Online

Program Description:

The Master of Teaching English to Speakers of Other Languages is for individuals who wish to build a career in the international field of English language teaching.

Through this program, students develop scholarly and professional understanding in four main areas that are central to teaching English to speakers of other languages: language, learning, research methods and teaching methods.

Students have opportunities to study a variety of important topics, including computer-assisted language learning, critical pedagogy, curriculum design, English as an international language, English for academic purposes, English grammar and grammar for TESOL, intercultural rhetoric, interlanguage pragmatics, language and identity, language testing and assessment, learning transfer, materials development, nonnative English speakers in TESOL, second language acquisition, second language phonology, second language writing and World Englishes.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

English (Linguistics), BA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

30 credit hours including the required capstone course (LIN 597) and a Foreign Language Exam.

Required Core (12 credit hours)

LIN 501 Approaches to Research (3)
LIN 510 Linguistics (3)
LIN 520 Second-Language Acquisition Theories (3)
LIN 521 Methods of Teaching English as a Second Language (3)

Other Requirement (3 credit hours)
LIN 584 Internship (3)

Electives or Research (12 credit hours)

Culminating Experience (3 credit hours)
LIN 597 Capstone (3)

Additional Curriculum Information

The foreign language requirement must be completed during the program prior to the master's degree being awarded.

The capstone is overseen by a director chosen from the Department of English linguistics and TESOL faculty.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution. Applicants may have undergraduate majors in the following fields, but are not limited to these: anthropology, applied linguistics, cognitive science, communication, comparative languages and literatures, education, English literature, history and law.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00= "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00= "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- statement of purpose
- resume
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Students should see the Department of English website for specific details about English proficiency requirements. (<https://english.clas.asu.edu/admission/graduate-admission/how-to-apply/information-international-students>)

The one-page, single-spaced statement of purpose should explain how the master's degree program fits with the applicant's long-term goals.

Letters of recommendation should provide a clear picture of the applicant's potential for successfully completing a master's degree. At least some of the letters should be from university professors who are familiar with the applicant's academic work and with master's level academic programs.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/graduate/master-teaching-english-speakers-other-languages/>)

Contact Information:

Liberal Arts & Sciences, The College of
Department of English
<https://english.asu.edu/degrees/grad/masters-teaching-english-tesol>
RBHL 125
enggrad@asu.edu
480-965-3194

Transborder Studies, MAS (LATCLMAS)

Online Degree Search Title: Transborder Studies, MAS

Campus: Tempe

ASU is not currently accepting applications for this program.

Program Description:

The MAS program in transborder studies is designed for the postbaccalaureate professional who seeks training in an integrated program that also provides for differentiation via three thematic options.

The course of study is designed to provide a cohesive and holistic program of learning that focuses on the complex economic, political, ecological, social and cultural issues of a coevolving border region of the U.S. Southwest and Mexico. Students are required to engage in an intensive internship process in which they will apply their learning. The program also provides them an opportunity to explore one of the following three areas more deeply:

Transborder culture, language and learning --- This area focuses on the interrelated processes of cultural emergence, language development and learning as they interact with each other in conjunction with the development of mathematical and scientific reasoning skills, literacy skills and critical thinking in the transborder context.

Transborder media and expressive culture --- This area provides students with a transdisciplinary understanding of how representation, interpretation and language shape and are shaped by Chicana and Chicano, Mexican and Latina and Latino culture in a transborder context.

Transborder migration, health and applied social policy --- This area provides students with theoretical and applied frameworks for understanding border communities in the areas of migration, health, education, environment and other areas affecting social development.

Degree Requirements:

30 credit hours including the required capstone course (TCL 608), a written comprehensive exam, an oral comprehensive exam and a foreign language exam.

Required Core (12 credit hours)

TSS 502 Foundations of Transborder Studies (3)

TSS 503 Epistemologies and Transborder Thought (3)

TSS 504 Tools for Transborder Research (3)

TSS 505 Theories and Methods of Migration, Health and Applied Social Policy in a Transborder Context(3) or TSS 506 Theory and Methods of Transborder Media and Expressive Culture (3) or TSS 507 Theory and Methods of Transborder Cultural Acquisition, Language Development and Learning (3)

Other Requirements (15 credit hours)

TCL 601 Internship in Transborder Studies (3 semesters) (9)

TCL 691 Seminar (6)

Culminating Experience (3 credit hours)

TCL 608 Capstone Course: Transmitting Transborder Studies to Publics and Institutions (3)

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in the social sciences, humanities, sciences, health, education, business or professional field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- personal statement
- writing sample
- resume or curriculum vitae
- three letter of recommendation (colleagues or professors)
- GRE scores
- proof of English proficiency

Additional Application Information:

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. For more information,

students should visit <https://admission.asu.edu/international/graduate/english-proficiency> (<https://admission.asu.edu/international/graduate/english-proficiency>).

Contact Information:

Liberal Arts & Sciences, The College of
School of Transborder Studies
<https://sts.asu.edu/degrees/grad/transborder-studies-mas>
INTDSB 165
sts.grad@asu.edu
480-965-5091

Transborder Studies, PHD (LATCLPHD)

Online Degree Search Title: Transborder Studies, PhD

Campus: Tempe

Program Description:

The PhD program in transborder studies develops the next generation of superior research, scholarship and application in transborder and transnational contexts.

In the only doctoral program in transborder studies in the nation, students conduct innovative and multidisciplinary research tailored to their unique interests. Depending on the plan of study, students may focus on a trajectory in academia with career options as faculty or in research positions. Students who wish to pursue career options outside of academia may focus the plan of study on a more professional and applied track with potential interest in local, state, national or international agencies.

Faculty in the program approach transborder studies in a way that has been historically grounded in and inspired by the geographical specificity of the U.S.-Mexico border and the Chicano, Chicana, Latino and Latina populations. Arizona State University's proximity to the U.S.-Mexico border and the faculty's expertise make the university the ideal place of study. Given the massive scale of globalization in the 21st century and its influence on local, regional, national and transnational environments, the program is expanding to examine other transborder regions and populations.

Degree Requirements:

84 credit hours, a foreign language exam, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (6 credit hours)

TSS 502 Foundations of Transborder Studies (3)

TSS 503 Epistemologies and Transborder Thought (3) or TSS 504 Tools for Transborder Research (3)

Electives and Research (36 credit hours)

Dissertation (12 credit hours)

TSS 799 Dissertation (12)

Additional Curricular Information

When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used for this degree. If students do not already have a master's degree in a related field, then the remaining 30 credit hours are made up of electives and research that equal the 84 credit hours required for the doctoral program.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in a related field such as anthropology, economics, education, sociology, literature or psychology from a regionally accredited institution. Applicants who have earned a bachelor's or master's degree in another discipline must align their scholarly interests with the program's mission.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- personal statement
- writing sample

- resume or curriculum vitae
- three letters of recommendation (from academicians)
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. For more information, students should visit <https://admission.asu.edu/international/graduate/english-proficiency> (<https://admission.asu.edu/international/graduate/english-proficiency>).

The personal statement should include an explanation of past experiences and current scholarly interests but concentrate on potential areas of research that draw upon the specific resources of the department and faculty.

Contact Information:

Liberal Arts & Sciences, The College of
 School of Transborder Studies
<https://sts.asu.edu/degrees/grad/transborder-studies-phd>
 INTDSB 165
 sts.grad@asu.edu
 480-965-5091

Transdisciplinary Transportation Studies (certificate), Certificate (GCTRANSCE)

Online Degree Search Title: Transdisciplinary Transportation Studies (Graduate Certificate)

Campus: Tempe

This program's name has changed effective Fall 2020. The previous name was Transportation Systems .

Program Description:

Transportation has emerged as one of the highest priority issues for policymakers, planners, employers and citizens.

To respond to this challenging environment, the transdisciplinary transportation studies certificate program enhances the education of current ASU graduate students and current and future transportation professionals by building upon existing programs in a variety of disciplines offered in five colleges and two campuses in the ASU system, giving them the opportunity to pursue a wide range of transportation-related issues from a multimodal, interdisciplinary perspective.

It is intended to be either a specialization within an existing master's degree or as a stand-alone nondegree program.

Degree Requirements:

16 credit hours including the required applied project course (PUP 593).

Required Core (3 credit hours)

PUP 564 Transportation Systems Professional Seminar(3)

Transportation Electives (9 credit hours)

Other Requirement (1 credit hour)

CEE 591 Interdisciplinary Transportation Seminar (1)

Culminating Experience (3 credit hours)

PUP 593 Applied Project (3)

Additional Curriculum Information

Students will take 3 credit hours from each category for a total of 9 credit hours to fulfill the transportation elective requirement.

- from any school in The College of Liberal Arts and Sciences
- from a college outside of The College of Liberal Arts and Sciences
- from subject prefixes CEE, PUP, GPH, GIS, SOS, PAF

Elective coursework will be taken in consultation with the academic advisor.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- letter of interest
- resume
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the U.S. on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

Applicants who wish to seek a graduate degree in any of the cooperating departments and who are not currently enrolled at ASU must complete the full graduate school application process as specified by the department of interest in addition to the online application for the transdisciplinary transportation studies certificate. The applications are evaluated independent of each other.

Applicants are asked to explain in their letter of interest what they expect to gain from the transportation studies certificate program and the types of courses in the program that would be the most helpful in meeting their objective.

Disclosure information for this U.S. Department of Education Gainful Employment program is available at <https://catalog.asu.edu/files/disclosures/GCTRANSCE/Gedt.pdf> (<https://catalog.asu.edu/files/disclosures/GCTRANSCE/Gedt.pdf>).

Contact Information:

Liberal Arts & Sciences, The College of
School of Geographical Sciences and Urban Planning
<https://sgsup.asu.edu/transcert>
COOR 5671
SGSUP.gradprograms@asu.edu
480-965-7533

Translation Studies (Certificate), Certificate (LALTSGRCT)

Online Degree Search Title: Translation Studies (Graduate Certificate)

Campus: Tempe

This program's name has changed effective Fall 2020. The previous name was Literary Translation Studies.

Program Description:

The graduate certificate in translation studies is a transdisciplinary program offering coursework that provides intensive engagement of students in translation practice, investigation of issues related to the cultural role of the translator and translation, studies in the variety of theoretical approaches to translation in the 20th and 21st centuries, and studies in transhistorical and cross-cultural theories of translation.

These areas of emphasis enable students to gain expertise in practical and theoretical knowledge of the field of literary translation and to engage in developing new models for the practice of translation today. The program offers interested students the opportunity to develop an understanding of intercultural intersections and transdisciplinary approaches to the practice of translation and advanced training and mentorship in what is one of the most globally relevant fields in the 21st-century.

Degree Requirements:

15 credit hours including an applied project course (ENG 593 or SLC 593)..

Required Core (6 credit hours)

ENG 550 Translation (3)

SLC 551 Global Approaches to Translation (3)

Electives (6 credit hours)

Culminating Experience (3 credit hours)

ENG 593 Applied Project (3) or SLC 593 Applied Project (3)

Additional Curriculum Information

For electives, students should see the academic unit for the approved course list.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- writing sample
- personal statement
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the U.S. on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

The personal statement should be no more than two pages and should summarize past educational experiences and goals in pursuing a graduate certificate.

Applicants should have knowledge of a language other than English, a minimum of six semesters of a second language, or the equivalent (for example, advanced placement in high school). Applicants who have passed a language proficiency exam achieving an advanced level in the target language may also apply.

As a prerequisite for taking SLC 551 Global Approaches to Translation (3), all students must attain an advanced level in reading and writing (equivalent of advanced American Council on the Teaching of Foreign Languages requirements, approximately equivalent to six semesters of undergraduate study) as measured by a written exam in the target language (i.e., French, German, Italian, Spanish). Students should refer to the ACTFL guidelines (<https://www.actfl.org/publications/guidelines-and-manuals/actfl-proficiency-guidelines-2012> (<https://www.actfl.org/publications/guidelines-and-manuals/actfl-proficiency-guidelines-2012>)).

Contact Information:

Liberal Arts & Sciences, The College of

School of International Letters and Cultures

<https://silc.asu.edu/degrees/grad/literary-translation-studies-graduate-certificate>

LL 440

silc@asu.edu

480-965-6281

Urban and Environmental Planning, MUEP (ARURBMUEP)

Online Degree Search Title: Urban and Environmental Planning, MUEP

Campus: Tempe

Program Description:

The MUEP program prepares students to help solve complex social, economic and environmental issues and create healthier, safer and more vibrant communities. Alumni of the Master of Urban and Environmental Planning program work as professional planners in a variety of public,

private and nonprofit settings. The program emphasizes theories of planning, methods of analysis, effective public engagement, planning processes and creative implementation of planning tools, strategies and approaches. The master's degree program is accredited by the Planning Accreditation Board. Students who join the program are eligible for certification by the American Institute of Certified Planners after two years of professional practice.

The Master of Urban and Environmental Planning program offers a unique opportunity to integrate urban and environmental aspects of planning in a rapidly developing metropolitan area. Small classes, one-on-one advising and a common core of courses that translate knowledge into practice provide students opportunities to build technical skills and grow their professional network. As a part of the School of Geographical Sciences and Urban Planning, the master's degree program is enriched by school faculty whose research and teaching are grounded in geography, GIS, and meteorology and climatology. Students have access to a wide selection of electives within the school, electives that explore issues such as population and migration, environmental and landscape dynamics, and urban climate systems. The master's degree program is also complemented by the participation of faculty from other disciplines within the university, leading planning practitioners in the Phoenix area, and the NEURUS international research exchange program.

Faculty research and teaching interests focus especially on the following broad interdisciplinary themes:

- city building and urban structure
- environmental and resiliency planning
- housing, neighborhoods and community development
- spatial analytics and smart cities
- transportation planning and policy

Concurrent Degrees:

This degree is also offered as concurrent degree program with:

- Public Administration - Downtown Phoenix, MPA
- Public Policy, MPP
- Sustainability Solutions, MSUS

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Geographic Information Science, BS
- Geography, BA
- Geography, BS
- Geography (Meteorology-Climatology), BS
- Urban Planning, BSP

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

47 credit hours and a thesis, or 47 credit hours including the required applied project course (PUP 593), or 47 credit hours including the required capstone course (PUP 580).

Required Core (24 credit hours)

- PUP 501 Planning, History and Theory (3)
- PUP 520 Planning Practice, Ethics and Processes (3)
- PUP 531 Planning and Development Control Law (3)
- PUP 542 Environmental Planning (3)
- PUP 544 Urban Land Use Planning (3)
- PUP 571 Planning Methods I (3)
- PUP 579 Planning Methods II (3)
- PUP 642 Urban and Regional Economic Analysis (3)

Electives (14-15 credit hours)

Other Requirement (3 credit hours)

- PUP 576 GIS Workshop for Planners (3)

Culminating Experience (5-6 credit hours)

- PUP 580 Practicum: Planning Workshop (5) or
- PUP 593 Applied Project (5) or
- PUP 599 Thesis (6)

Additional Curriculum Information

Students must complete the required core courses and select an area of specialization. Students must also select a capstone studio, a professional project or a thesis option. Successful completion of an approved statistics course, if not achieved by the student as an undergraduate, will be required as a deficiency.

Students take 17 credit hours of electives for the thesis option and take 18 credit hours of electives for nonthesis.

Students take PUP 576 or another methods course approved by the department.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- personal statement
- resume
- GRE scores
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The personal statement should be no longer than 600 words and must address the applicant's academic and professional background and, if appropriate, preparation for the selected area of specialty which may include written samples or a portfolio, though these are not required.

Letters of recommendation must be from three people who can attest to the applicant's academic and professional achievements.

Contact Information:

Liberal Arts & Sciences, The College of
School of Geographical Sciences and Urban Planning
<https://sgsup.asu.edu/degree-programs/graduate-degrees/master-urban-environmental-planning>
COOR 5671
SGSUP.gradprograms@asu.edu
480-965-7533

Urban Planning, PHD (ARPUPPHD)

Online Degree Search Title: Urban Planning, PhD

Campus: Tempe

Program Description:

The PhD program in urban planning educates scholars for positions in leading universities; research institutions; nongovernmental organizations; international multilateral institutions; national, state and local governments; and high-level consulting firms. The program provides a strong foundation for undertaking research in planning, urbanism, urban design and urban sustainability.

The School of Geographical Sciences and Urban Planning maintains close relationships with many of the communities in the Phoenix metropolitan area that are leading the way on issues like urban climate change, sustainability and transportation planning. Students have opportunities to interact with planning leaders, mentors and community organizations. Students conduct research alongside faculty, take classes focused on current issues in the field, conduct research and reports for local clients, and start building their professional network across the public, private and non-profit sectors.

Students benefit from a wide variety of coursework and research opportunities in five broad interdisciplinary themes that span the expertise of the faculty within the School of Geographical Sciences and Urban Planning:

- city building and urban structure

- environmental and resiliency planning
- housing, neighborhoods and community development
- spatial analytics and smart cities
- transportation planning and policy

Degree Requirements:

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (6 credit hours)

PUP 710 Current Planning Theory and Practice (3)

PUP 724 Planning Methods for Doctoral Students (3)

Electives and Research (34 credit hours)

Other Requirement (2 credit hours)

PUP 701 Urban Planning Colloquium (1)

Culminating Experience (12 credit hours)

PUP 799 Dissertation (12)

Additional Curriculum Information

Students take two semesters of PUP 701 for a total of two credit hours.

When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used for this degree.

Up to six credit hours of 400-level courses may be applied to the plan of study.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a master's degree, in a related field such as urban studies, geography, environmental studies, sustainability, architecture, public policy or public administration from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program and a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- personal statement
- resume
- GRE scores
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The personal statement must be 600 words or fewer and explain the applicant's interest in planning at the doctoral level; academic and professional background and, if appropriate, preparation for the selected area of specialty which may include written samples or portfolio; and educational and professional objectives.

Letters of recommendation should be from three faculty members who can attest to the applicant's academic achievements.

Contact Information:

Liberal Arts & Sciences, The College of

School of Geographical Sciences and Urban Planning

<https://sgsup.asu.edu/degree-programs/graduate-degrees/phd-urban-planning>

COOR 5671

SGSUP.gradprograms@asu.edu

Women and Gender Studies, MA (LAWSTMA)

Online Degree Search Title: Women and Gender Studies, MA

Campus: Tempe

Program Description:

The MA program in women and gender studies is designed for students who wish to gain research skills and knowledge about gender analysis and to apply those tools to real-world problems and solutions. Graduates may seek careers in a broad range of settings, from schools and hospitals to city governments, nonprofits and large corporations. The program is designed for those who want a master's degree as a terminal degree.

This flexible, 30-credit hour master's degree program provides advanced training in feminist research, theory and methodologies. All students may take an internship and all must complete an applied project in which students conduct research that addresses practical, site-specific problems linked to gender. Final projects may take a variety of forms, including program assessments, grant proposals, tests of new interventions or curricula, and so on. These projects may help lead students to careers in human services, program evaluation, policy development and other fields.

Full-time students can complete the degree program within two years while part-time students take longer but can combine work with study.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Women and Gender Studies, BA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

30 credit hours and a thesis, or 30 credit hours including the required applied project course (WST 593).

Required Core (6 credit hours)

WST 501 Foundations of Feminist Thought (3)

WST 502 Interdisciplinary Gender Research Methodologies (3)

Electives (18 credit hours)

Culminating Experience (6 credit hours)

WST 593 Applied Project (6)

Additional Curriculum Information

Students must successfully provide an oral defense of the applied project.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution. Students may be admitted with a BA or BS in any field as long as they have completed two courses in women and gender studies or have equivalent experience. Appropriate majors may include women, gender and sexuality studies; history; English; sociology; religious studies; social work; psychology; communication or ethnic studies. Students who have previously majored in a science, technology, engineering or mathematics field and have interests in gender and education or gender and science may also apply for this program.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts from all college and universities where the applicant earned a bachelor's or master's degree
- personal statement
- resume or curriculum vitae
- writing sample
- two or three letters of recommendation
- relevant coursework
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The personal statement should be approximately 1,000 words and describe any prior research experience and training, professional goals and research interests, and the fit between interests and the program's emphases. The statement should be uploaded.

The writing sample should be seven to 10 pages. This can include a research brief or report, a white paper, a policy paper or a paper for a recent academic course. The writing sample should reflect the applicant's writing ability and critical thinking skills.

The letters of recommendation should be from a recommender who can speak to the applicant's strengths and weaknesses for graduate study; critical-thinking, writing, speaking and presentation skills; intellectual ability; leadership potential; interpersonal skills and ability to work with others; or other relevant accomplishments that best highlight the applicant's ability to complete a graduate degree in women and gender studies.

The list of relevant coursework should include at least two courses, undergraduate or graduate, the applicant has taken that focus on gender or women. In addition, the applicant should list any research methods or social justice courses.

GRE scores are not required for admission.

Further details about application requirements and application deadlines are available on the School of Social Transformation's webpage.

Contact Information:

Liberal Arts & Sciences, The College of
School of Social Transformation
<https://sst.asu.edu/degrees/grad/women-gender-studies-ma>
WILSN 125
SSTgraduate@asu.edu
480-965-7682

World War II Studies, MA (LAWWSMA)

Online Degree Search Title: World War II Studies, MA

Campus: Online

Program Description:

Through advanced interdisciplinary study of World War II, students in the MA program in World War II studies explore the causes and effects of World War II, the global nature of the conflict, the evolution of governance and political systems, and human responses to conflict, violence and genocide. Program coursework also helps students contextualize current events through study of the war's historical, political and cultural legacies.

Degree Requirements:

30 credit hours including an capstone course (WWS 597).

Required Core (12 credit hours)

WWS 561 Decision Points I (3)

WWS 562 Decision Points II (3)

WWS 563 The Lived Experience of World War II (3)

WWS 566 World War II Today(3)

Electives or Research (9 credit hours)

Other Requirements (6 credit hours)

HST 454 History of Genocide (3) or WWS 564 The Global War (3)

WWS 460 World War II (3) or HST 460 World War II (3)

Culminating Experience (3 credit hours)

WWS 597 Capstone (3)

Additional Curriculum Information

Students should refer to the academic unit for the approved electives and research course list.

For the other requirements section, students must take either HST 454 or WWS 564. If a student chooses to take HST 454 to fulfill the requirement, they may take WWS 564 as an elective. Likewise, if a student chooses to take WWS 564 to fulfill a requirement, they may take HST 454 as an elective. Other coursework may be used with approval of the academic unit.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's degree (or equivalent) or master's degree from a regionally accredited college or university. Students from any field who demonstrate potential will be considered for admission.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- three letters of recommendation
- letter of intent or written statement
- written responses to unit-developed prompts
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

An applicant's potential for success is determined by the quality of writing and clarity of thought demonstrated in the letter of intent and responses to the application questions. Letters of recommendation that point to a student's ability to deliver high-quality academic work and persist to an academic goal receive priority. An applicant's GPA and academic performance, particularly in humanities coursework, also indicate potential.

During the application process, applicants are prompted to write short written responses to World War II-related questions. These responses serve to demonstrate to the committee a student's writing ability and potential for thoughtful participation in degree coursework.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/graduate/world-war-ii-studies-ma/>)

Contact Information:

Liberal Arts & Sciences, The College of
Historical, Philosophical & Religious Studies, Sch
<https://shprs.asu.edu/degree/grad/world-war-ii-studies-ma>
COOR 4544
shprs@asu.edu
480-965-5778

Nursing and Health Innovation, Edson College of

Acute Care Pediatric Nurse Practitioner (certificate), Certificate (NUACPNGRCT)

Online Degree Search Title: Acute Care Pediatric Nurse Practitioner (Graduate Certificate)

Campus: Downtown Phoenix

Program Description:

This certificate program, accredited by the Commission on Collegiate Nursing Education, is designed for nurses who are board-certified in a different APRN specialty who seek additional certification as an acute care pediatric nurse practitioner or for nurses with a doctoral degree in nursing who seek to become an acute care pediatric nurse practitioner.

Courses focus on the development of a framework for developmentally supportive, family-centered, culturally appropriate advanced nursing practice for infants, children with unstable chronic, complex acute and life-threatening illnesses.

This program is offered in a hybrid in-person and iCourse format that requires students to travel to campus for up to a week for orientation at the beginning of the program and then two or three times per semester.

Focused clinical experiences are arranged with appropriate preceptors and administrators for students residing in Arizona. In-state students who live in Maricopa County are assigned clinical experiences in that geographic area. In-state students who live outside of Maricopa County may be assigned clinical placements in other areas of Arizona based on the college's ability to secure clinical agreements with those sites. In the event that clinical sites are unavailable in the student's geographical area OR if the faculty determines the student needs additional faculty supervision for clinical progress in the program, the student is required to complete the clinical experience in the Phoenix area.

Students residing outside of Arizona will be responsible for identifying one or more clinical sites in their area of residence. These sites must be approved by the Edson College of Nursing and Health Innovation before starting any clinical experience.

Experiences with disadvantaged and multicultural populations are encouraged as are experiences in rural areas when sites are available for these experiences. These sites may be available in Maricopa County.

Degree Requirements:

20 credit hours.

Required Core (20 credit hours)

DNP 606 Principles of Pediatric Acute Care I (3)

DNP 607 Advanced Pediatric Acute Care Practicum I (7)

DNP 619 Principles of Pediatric Acute Care II (3)

DNP 620 Advanced Pediatric Acute Care Practicum II (7)

Additional Curriculum Information

Every certificate student must complete 600 hours of direct patient care with a nurse practitioner or physician preceptor in the clinical setting. Documented clinical experiences are required by the Pediatric Nursing Certification Board in order for the graduate to be eligible to take the national Pediatric Nurse Practitioner Acute Care certification examination. Focused clinical experiences are arranged with appropriate preceptors and administrators. Every attempt is made to arrange this in the student's geographical area. In the event that clinical sites are unavailable in that area or if the faculty determine the student needs additional faculty supervision of skills, the student is required to complete the clinical experience in the Phoenix area. Experiences with disadvantaged and multicultural populations are encouraged as are experiences in rural areas, and sites are available for these experiences.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants are eligible to apply to the program if they have earned a bachelor's and master's degree in nursing from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- three professional letters of recommendation.
- professional resume
- goal statement
- admission essay
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission be considered for admission to this certificate program.

A current unencumbered RN license in the state in which the student plans to do clinical practicums is required. All students are also required to have an unencumbered Arizona RN license or an unencumbered compact state RN license as mandated by the Arizona State Board of Nursing. The RN license must remain unencumbered throughout enrollment in any nursing program.

Must be nationally certified as a primary care pediatric nurse practitioner. Nationally certified family nurse practitioners working as a nurse practitioner in a pediatric setting will be considered.

The goal statement should indicate the applicant's understanding of the role of the advance practice nurse with the population of interest and any experience the applicant may have working with the patient population of interest.

The admission essay should briefly describe how meeting "The Essentials of Doctoral Education for Advanced Nursing Practice" (2006) will further their career goals.

An interview with program faculty is required.

One year of clinical experience working in the pediatric acute care setting is preferred

Health and safety requirements include passing disposition on a background clearance and satisfactory completion of a substance screen.

No admission examination is required.

Contact Information:

Nursing and Health Innovation, Edson College of
Edson College of Nursing and Health Innovation
<https://nursingandhealth.asu.edu/>
HLTHN 113
dnpnursing@asu.edu
602-496-0937

Adult Gerontology Nurse Practitioner (Certificate), Certificate (NUAGNPGRCT)

Online Degree Search Title: Adult Gerontology Nurse Practitioner (Graduate Certificate)

Campus: Downtown Phoenix

Program Description:

This certificate program, accredited by the Commission on Collegiate Nursing Education, is designed for nurses who are board-certified in a different APRN specialty area who seek additional certification as an adult gerontology nurse practitioner or for nurses with a doctoral degree in nursing who seek to become an adult gerontology nurse practitioner.

This certificate program is offered in a hybrid iCourse and in-person format that requires students to travel to campus for orientation and then two or three times per semester. Adult gerontology-focused theory and clinical courses include theories, principles and clinical skills in the care of adults across the lifespan.

Focused clinical experiences are arranged with appropriate preceptors and administrators for students residing in Arizona. In-state students who live in Maricopa County are assigned clinical experiences in that geographic area. In-state students who live outside of Maricopa County may be assigned clinical placements in other areas of Arizona based on the college's ability to secure clinical agreements with those sites. In the event that clinical sites are unavailable in the student's geographical area OR if the faculty determines the student needs additional faculty supervision for clinical progress in the program, the student is required to complete the clinical experience in the Phoenix area.

Students residing outside of Arizona are responsible for identifying one or more clinical sites in their area of residence. These sites must be approved by the Edson College of Nursing and Health Innovation before starting any clinical experience.

Experiences with disadvantaged and multicultural populations are encouraged as are experiences in rural areas when sites are available for these experiences. These sites may be available in Maricopa County.

Degree Requirements:

22 credit hours.

Required Core (22 credit hours)

DNP 623 Adult-Gerontology Health Promotion (3)

DNP 624 Adult-Gerontology Health Promotion Practicum (3)

DNP 625 Management of Common Health Problems in Adults Across the Lifespan (3)

DNP 626 Management of Common Health Problems/Adults Across the Lifespan Practicum (5)

DNP 627 Management of Complex Health Alterations in Adults Across the Lifespan (3)

DNP 628 Management of Adults Across the Lifespan w/Complex Health Alterations Practicum (5)

Additional Curriculum Information

Nurses who complete this certificate meet the eligibility requirements for taking the National Adult Gerontology Nurse Practitioner Certification Examination. In addition to completing didactic courses, students complete 13 credit hours (585 clock hours) of practicum experiences in a community setting.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants are eligible to apply to the program if they have earned a bachelor's and master's degree in nursing from a nationally recognized, regionally accredited academic institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- documentation of a current unencumbered RN license in the state in which the student plans to do clinical practicums
- three professional letters of recommendation
- resume
- admission essay
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency per the Graduate College requirement and all requirements for the Commission on Graduates of Foreign Nursing Schools.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission be considered for admission to this certificate program.

All students are required to have an unencumbered Arizona RN license or an unencumbered compact state RN license as mandated by the Arizona State Board of Nursing. The RN license must remain unencumbered throughout enrollment in any nursing program.

Applicants are required to have an in-person interview with the program faculty.

Applicants are asked to submit an admission essay:

- Describe career goals for the next five to 10 years and discuss how obtaining a NP certificate from Arizona State University will help meet these goals.
- Read *The Essentials of Doctoral Education for Advanced Nursing Practice* (2006) from the American Association of Colleges of Nursing, then focus on one of the first seven essentials and describe how meeting this essential will further the stated career goals.

All Edson College of Nursing and Health Innovation students are required to complete health and safety requirements, and must have a passing disposition on a background clearance and satisfactory completion of a substance screen with the program's identified agency.

One year of clinical experience working within the student's specialty population is preferred.

Contact Information:

Nursing and Health Innovation, Edson College of
Edson College of Nursing and Health Innovation
<https://nursingandhealth.asu.edu/>
HLTHN 113
nursingandhealth@asu.edu
602-496-0937

Advanced Nursing Practice, DNP (NUANPDNP)

Online Degree Search Title: Advanced Nursing Practice, DNP

Campus: Downtown Phoenix

Program Description:

The DNP program, accredited by the Commission on Collegiate Nursing Education, is designed for master's degree-prepared advanced practice nurses seeking a Doctor of Nursing Practice degree. Courses are designed for clinical experts and are innovative, interesting and organized to provide students with expert colleagues and mentors across the U.S. who can challenge them to take their practice to a new level.

Graduates of this program are able to facilitate the application and integration of research into clinical practice using innovative approaches to improve health care outcomes of populations and individuals across multiple settings.

This program is offered in a hybrid iCourse and in-person format that requires students to travel to campus for up to a week for orientation at the beginning of the program and two to three times per semester.

Degree Requirements:

84 credit hours including the required applied project course (DNP 707).

Required Core (21 credit hours)

DNP 604 Advanced Human Pathophysiology Across Lifespan (4)

DNP 605 Advanced Health Assessment Across Lifespan (3)

DNP 608 Applied Pharmacotherapeutics Across Lifespan (3)

DNP 609 Advanced Practice Nursing Role (1)

DNP 704 Principles of Evidence-Based Care in Advanced Practice (4)

DNP 705 Health Care Outcome Management (3)

DNP 708 Systems Thinking in a Complex Healthcare Environment (3)

Electives and Research (28 credit hours)

Other Requirement (32 credit hours)

DNP 601 Theoretical Foundations for Advance Practice Nursing (3)

DNP 602 Evaluating Research for Practice (3)

DNP 679 Biostatistics: Principals of Statistical Inference (3)

DNP 703 Innovation in Communication: Scholarly and Professional Writing (2)

DNP 709 Individual and Innovation Leadership in Healthcare Practice (3)

DNP 711 Healthcare Policy and Innovation (3)

DNP 712 Clinical Residency and Management (12)

DNP 715 Dynamics and Principles of Information in Health Care (3)

Culminating Experience (3 credit hours)

DNP 707 Disseminating Evidence to Advance Best Practice in Health Care and Health Policy (3)

Additional Curriculum Information

Applicants to the post-master's program should identify a relevant clinical issue related to advanced practice nursing that they would like to pursue during their doctoral program. Students complete 540 hours of clinical practice residency and the program courses. Completion of an evidence-based doctoral applied project is required. Each project is developed individually with each student. Each student has a primary mentor working with them on the project. Clinical practice residency hours are used to complete the project in a practice setting; work settings may be included, but specific objectives are developed individually with each student and may be different from the student's job. Experiences with disadvantaged and multicultural populations are encouraged as are experiences in rural areas, and sites are available for these experiences.

For electives or research, students should see the academic unit for the approved course list. Other coursework may be used with the approval of the academic unit.

When approved by the student's supervisory committee and the Graduate College, this program allows up to 30 credit hours from a previously awarded master's degree to be used for this program and up to 10 credit hours of clinical coursework from their Master of Science degree for a total of 40 credit hours.

Other requirement coursework may be substituted with approval of the academic unit if the student is in an approved concurrent program.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in nursing from a nationally recognized, regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- three professional letters of recommendation
- resume
- goal statement
- admission essay
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency per the Graduate College requirement and all requirements for the Commission on Graduates of Foreign Nursing Schools.

Applicants must be certified as an advanced practice nurse. A current unencumbered RN license in the state in which the student plans to do clinical practicums is required. All students are also required to have an unencumbered Arizona RN license or an unencumbered compact state RN license as mandated by the Arizona State Board of Nursing. The RN license must remain unencumbered throughout enrollment in any nursing program.

An interview with program faculty is required.

One year of clinical experience working within the student's specialty population is preferred.

Health and safety requirements include passing disposition on a background clearance and satisfactory completion of a substance screen.

An admission examination is not required.

Applicants will be reviewed on a space-available basis after the priority deadline. Students should see the program website for application deadlines.

Contact Information:

Nursing and Health Innovation, Edson College of
Edson College of Nursing and Health Innovation
<https://nursingandhealth.asu.edu/programs/dnp/advanced-nursing-practice-dnp>
HLTHN 113
nursingandhealth@asu.edu
602-496-0937

Advanced Nursing Practice (Acute Care Pediatric Nurse Practitioner), DNP (NUANPACDNP)

Online Degree Search Title: Advanced Nursing Practice (Acute Care Pediatric Nurse Practitioner), DNP

Campus: Downtown Phoenix

Program Description:

Doctor of Nursing Practice graduates are prepared to practice at the most advanced level of nursing.

This DNP program, accredited by the Commission on Collegiate Nursing Education, provides a foundation for the specialty in acute care pediatrics through the application of theory to advance practice. Courses focus on the development of a framework for developmentally supportive, family-centered, culturally appropriate advanced nursing practice for infants and children with unstable chronic, complex acute and life-threatening illnesses.

This program is offered in a hybrid in-person and iCourse format that requires students to travel to campus for up to a week for orientation at the beginning of the program and then two or three times per semester.

Focused clinical experiences are arranged with appropriate preceptors and administrators for students residing in Arizona. In-state students who live in Maricopa County are assigned clinical experiences in that geographic area. In-state students who live outside of Maricopa County may be assigned clinical placements in other areas of Arizona based on the college's ability to secure clinical agreements with those sites. In the event that clinical sites are unavailable in the student's geographical area OR if the faculty determines the student needs additional faculty supervision for clinical progress in their program, the student is required to complete their clinical experience in the Phoenix area.

Students residing outside of Arizona are responsible for identifying one or more clinical sites in their area of residence. These sites must be approved by Edson College of Nursing and Health Innovation before starting any clinical experience.

Experiences with disadvantaged and multicultural populations are encouraged as are experiences in rural areas when sites are available for these experiences. These sites may be available in Maricopa County.

Degree Requirements:

85 credit hours including an applied project (DNP 707).

Required Core (21 credit hours)

DNP 604 Advanced Human Pathophysiology Across Lifespan (4)

DNP 609 Advanced Practice Nursing Role (1)

DNP 641 Advanced Health Assessment Pediatrics (3)

DNP 642 Applied Pharmacotherapeutics for Pediatrics (3)
DNP 704 Principles of Evidence-Based Care in Advanced Practice (4)
DNP 705 Health Care Outcomes Management (3)
DNP 708 Systems Thinking in a Complex Healthcare Environment (3)

Concentration (26 credit hours)

DNP 606 Principles of Pediatric Acute Care I (3)
DNP 607 Advanced Pediatric Acute Care Practicum I (6)
DNP 619 Principles of Pediatric Acute Care II (3)
DNP 620 Advanced Pediatric Acute Care Practicum II (6)
DNP 643 Developmentally Based Care of the Well Child (3)
DNP 644 Well Child Advanced Practicum (2)
DNP 649 Advanced Physiology (3)

Other Requirement (32 credit hours)

DNP 601 Theoretical Foundations for Advance Practice Nursing (3)
DNP 602 Evaluating Research for Practice (3)
DNP 679 Biostatistics: Principals of Statistical Inference (3)
DNP 703 Innovation in Communication: Scholarly and Professional Writing (2)
DNP 709 Individual and Innovation in Leadership in Healthcare Practice (3)
DNP 711 Healthcare Policy and Innovation (3)
DNP 712 Clinical Residency and Management (12)
DNP 715 Dynamics and Principles of Information in Health Care (3)

Electives (3 credit hours)

Culminating Experience (3 credit hours)

DNP 707 Disseminating Evidence to Advance Best Practice in Health Care and Health Policy (3)

Additional Curriculum Information

Nurse practitioner students complete 585 hours of clinical practicum work in the first two years of their degree program. They complete an additional 540 hours in their clinical residency course (DNP 712) for a total of 1,125 clinical and residency hours.

Every student must complete 600 hours of direct patient care with a Nurse Practitioner or Physician preceptor in the clinical setting. Documented clinical experiences are required by the Pediatric Nursing Certification Board in order for the graduate to be eligible to take the national Pediatric Nurse Practitioner Acute Care certification examination. Focused clinical experiences are arranged with appropriate preceptors and administrators. Every attempt is made to arrange this in the student's geographical area. In the event that clinical sites are unavailable in that area or if the faculty determine the student needs additional faculty supervision of skills, the student is required to complete the clinical experience in the Phoenix area.

Other requirement coursework may be substituted with approval of the academic unit if the student is in an approved concurrent program.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in nursing from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- three professional letters of recommendation.
- professional resume
- goal statement
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency

A current unencumbered RN license in the state in which the student plans to do clinical practicums is required. All students are also required to have an unencumbered Arizona RN license or an unencumbered compact state RN license as mandated by the Arizona State Board of Nursing. The RN license must remain unencumbered throughout enrollment in any nursing program.

An interview with program faculty is required.

One year of clinical experience working in the student's specialty population is preferred.

Health and safety requirements include passing disposition on a background clearance and satisfactory completion of a substance screen.

No admission examination is required.

Contact Information:

Nursing and Health Innovation, Edson College of
Edson College of Nursing and Health Innovation
<https://nursingandhealth.asu.edu>
HLTHN 113
nursingandhealth@asu.edu
602-496-0937

Advanced Nursing Practice (Adult-Gerontology Nurse Practitioner), DNP (NUANPAGDNP)

Online Degree Search Title: Advanced Nursing Practice (Adult-Gerontology Nurse Practitioner), DNP

Campus: Downtown Phoenix

Program Description:

Doctor of Nursing Practice graduates are prepared to practice at the most advanced level of nursing.

This DNP program, accredited by the Commission on Collegiate Nursing Education, provides a foundation for this specialty through graduate courses in the application of theory to advance practice. A major focus of the program is the acquisition of advanced knowledge and skills for primary care, case management, screening and health promotion of adults through the lifespan in a variety of settings, including private practice, ambulatory clinics, long-term care facilities and the patient's home.

This program is offered in a hybrid in-person and iCourse format, requiring students to travel to campus for up to one week for orientation at the beginning of the program and then two or three times per semester.

Focused clinical experiences are arranged with appropriate preceptors and administrators for students residing in Arizona. In-state students who live in Maricopa County are assigned clinical experiences in that geographic area. In-state students who live outside of Maricopa County may be assigned clinical placements in other areas of Arizona based on the College's ability to secure clinical agreements with those sites. In the event that clinical sites are unavailable in the student's geographical area or if the faculty determines the student needs additional faculty supervision for clinical progress in their program, the student is required to complete their clinical experience in the Phoenix area.

Students residing outside of Arizona will be responsible for identifying one or more clinical sites in their area of residence. These sites must be approved by Edson College of Nursing and Health Innovation before starting any clinical experience.

Experiences with disadvantaged and multicultural populations are encouraged as are experiences in rural areas when sites are available for these experiences. These sites may be available in Maricopa County.

Concurrent Degrees:

This degree is also offered as concurrent degree program with Nursing and Healthcare Innovation, PhD

Degree Requirements:

84 credit hours including the required applied project course (DNP 707).

Required Core (21 credit hours)

- DNP 604 Advanced Human Pathophysiology Across Lifespan (4)
- DNP 605 Advanced Health Assessment Across Lifespan (3)
- DNP 608 Applied Pharmacotherapeutics Across Lifespan (3)
- DNP 609 Advanced Practice Nursing Role (1)
- DNP 704 Principles of Evidence-Based Care in Advanced Practice (4)
- DNP 705 Healthcare Outcome Management (3)
- DNP 708 Systems Thinking in a Complex Healthcare Environment (3)

Concentration (34 credit hours)

- DNP 623 Adult-Gerontology Health Promotion (3)
- DNP 624 Adult-Gerontology Health Promotion Practicum (3)

DNP 625 Management of Common Health Problems in Adults Across the Lifespan (3)
DNP 626 Management of Common Health Problems/Adults Across the Lifespan Practicum (5)
DNP 627 Management of Complex Health Alterations in Adults Across the Lifespan (3)
DNP 628 Management of Adults Across the Lifespan w/Complex Health Alterations Practicum (5)
DNP 712 Clinical Residency and Management (12)

Other Requirement (20 credit hours)

DNP 601 Theoretical Foundations for Advance Practice Nursing (3)
DNP 602 Evaluating Research for Practice (3)
DNP 679 Biostatistics: Principals of Statistical Inference (3)
DNP 703 Innovation in Communication: Scholarly and Professional Writing (2)
DNP 709 Individual and Innovation Leadership in Healthcare Practice (3)
DNP 711 Healthcare Policy and Innovation (3)
DNP 715 Dynamics and Principles of Information in Health Care (3)

Electives and Research (6 credit hours)

Culminating Experience (3 credit hours)

DNP 707 Disseminating Evidence to Advance Best Practice in Health Care and Health Policy (3)

Additional Curriculum Information

Completion of an evidence-based doctoral applied project focused on a clinical issue relevant to advanced practice nursing is required.

The American Nurses Credentialing Center has recommended a minimum of 1,000 postbaccalaureate practicum hours for all students completing the DNP. The program includes 1,125 practicum hours, exceeding the ANCC requirement.

For electives or research, students should see the academic unit for the approved course list. Other coursework may be used with the approval of the academic unit.

When approved by the student's supervisory committee and the Graduate College, this program allows up to 30 credit hours from a previously awarded master's degree to be used for this program.

Other requirement coursework may be substituted with approval of the academic unit if the student is in an approved concurrent program.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in nursing from a nationally recognized, regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- three professional letters of recommendation
- resume
- goal statement
- admission essay
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency per the Graduate College requirement and all requirements for the Commission on Graduates of Foreign Nursing Schools.

A current unencumbered RN license in the state in which the student plans to do clinical practicums is required. All students are also required to have an unencumbered Arizona RN license or an unencumbered compact state RN license as mandated by the Arizona State Board of Nursing. The RN license must remain unencumbered throughout enrollment in any nursing program.

An interview with program faculty is required.

One year of clinical experience working within the student's specialty population is preferred.

Health and safety requirements include passing disposition on a background clearance and satisfactory completion of a substance screen.

No admission examination is required.

Applicants will be reviewed on a space-available basis after the priority deadline; application deadlines are posted on the program website.

Contact Information:

Nursing and Health Innovation, Edson College of

Edson College of Nursing and Health Innovation

<https://nursingandhealth.asu.edu/programs/dnp/advanced-nursing-practice-adult-gerontology-nurse-practitioner-dnp>

HLTHN 113

nursingandhealth@asu.edu

602-496-0937

Advanced Nursing Practice (Family Nurse Practitioner), DNP (NUANPFNDNP)

Online Degree Search Title: Advanced Nursing Practice (Family Nurse Practitioner), DNP

Campus: Downtown Phoenix

Program Description:

Doctor of Nursing Practice graduates are prepared to practice at the most advanced level of nursing.

This DNP program, accredited by the Commission on Collegiate Nursing Education, provides a foundation for the specialty through graduate courses in the application of theory to advance practice. The focus is on development of expertise in providing primary care to individuals of all ages within traditional, nontraditional and culturally diverse families. Courses are designed to prepare the student for certification in advanced practice nursing as a family nurse practitioner.

This program is offered in a hybrid iCourse format that requires students to travel to campus for up to a week for orientation at the beginning of the program and then two or three times per semester.

Focused clinical experiences are arranged with appropriate preceptors and administrators for students residing in Arizona. In-state students who live in Maricopa County are assigned clinical experiences in that geographic area. In-state students who live outside of Maricopa County may be assigned clinical placements in other areas of Arizona based on the college's ability to secure clinical agreements with those sites. In the event that clinical sites are unavailable in the student's geographical area OR if the faculty determines the student needs additional faculty supervision for clinical progress in their program, the student is required to complete their clinical experience in the Phoenix area.

Students residing outside of Arizona are responsible for identifying one or more clinical sites in their area of residence. These sites must be approved by Edson College of Nursing and Health Innovation before starting any clinical experience.

Experiences with disadvantaged and multicultural populations are encouraged as are experiences in rural areas when sites are available for these experiences. These sites may be available in Maricopa County.

Degree Requirements:

84 credit hours including the required applied project course (DNP 707).

Required Core (21 credit hours)

DNP 604 Advanced Human Pathophysiology Across Lifespan (4)

DNP 605 Advanced Health Assessment Across Lifespan (3)

DNP 608 Applied Pharmacotherapeutics Across Lifespan (3)

DNP 609 Advanced Practice Nursing Role (1)

DNP 704 Principles of Evidence-Based Care in Advanced Practice (4)

DNP 705 Health Care Outcomes Management (3)

DNP 708 Systems Thinking in a Complex Healthcare Environment (3)

Concentration (34 credit hours)

DNP 633 Family Health Promotion (3)

DNP 634 Family Health Promotion Practicum (3)

DNP 635 Management of Common Health Problems in Children, Adults and Families (3)

DNP 636 Management of Common Health Problems in Children, Adults and Families Practicum (5)

DNP 637 Management of Complex and Chronic Health Problems in Children, Adults and Families (3)

DNP 638 Management of Complex and Chronic Health Problems in Children, Adults and Families Practicum (5)

DNP 712 Clinical Residency and Management (12)

Other Requirement (20 credit hours)

DNP 601 Theoretical Foundations for Advance Practice Nursing (3)

DNP 602 Evaluating Research for Practice (3)

DNP 679 Biostatistics: Principals of Statistical Inference (3)

DNP 703 Innovation in Communication: Scholarly and Professional Writing (2)

DNP 709 Individual and Innovation Leadership in Healthcare Practice (3)

DNP 711 Healthcare Policy and Innovation (3)

DNP 715 Dynamics and Principles of Information in Health Care (3)

Electives and Research (6 credit hours)

Culminating Experience (3 credit hours)

DNP 707 Disseminating Evidence to Advance Best Practice in Health Care and Health Policy (3)

Additional Curriculum Information

Completion of an evidence-based doctoral applied project focused on a clinical issue relevant to advanced practice nursing is required.

The American Nurses Credentialing Center has recommended a minimum of 1,000 postbaccalaureate practicum hours for all students completing a DNP. This program includes 1,125 practicum hours, exceeding the ANCC requirement.

For electives or research, students should see the academic unit for the approved course list. Other coursework may be used with the approval of the academic unit.

When approved by the student's supervisory committee and the Graduate College, this program allows up to 30 credit hours from a previously awarded master's degree to be used for this program.

Other requirement coursework may be substituted with approval of the academic unit if the student is in an approved concurrent program.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in nursing from a nationally recognized, regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- three professional letters of recommendation
- resume
- goal statement
- admission essay
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency per the Graduate College requirement and all requirements for the Commission on Graduates of Foreign Nursing Schools.

A current unencumbered RN license in the state in which the student plans to do clinical practicums is required. All students are also required to have an unencumbered Arizona RN license or an unencumbered compact state RN license as mandated by the Arizona State Board of Nursing. The RN license must remain unencumbered throughout enrollment in any nursing program.

An interview with program faculty is required.

One year of clinical experience working in the student's specialty population is preferred.

Health and safety requirements include passing disposition on a background clearance and satisfactory completion of a substance screen.

Contact Information:

Nursing and Health Innovation, Edson College of
Edson College of Nursing and Health Innovation
<https://nursingandhealth.asu.edu/programs/dnp/advanced-nursing-practice-family-nurse-practitioner-dnp>
HLTHN 113
nursingandhealth@asu.edu
602-496-0937

Advanced Nursing Practice (Family Psychiatric and Mental Health Nurse Practitioner), DNP (NUANPCFDNP)

Online Degree Search Title: Advanced Nursing Practice (Family Psychiatric and Mental Health Nurse Practitioner), DNP

Campus: Downtown Phoenix

Program Description:

Doctor of Nursing Practice graduates are prepared to practice at the most advanced level of nursing.

This DNP program, accredited by the Commission on Collegiate Education, provides a foundation for the specialty through graduate courses in the application of theory to advance practice. The focus is on development of expertise in providing mental health care to individuals of all ages within traditional, nontraditional and culturally diverse families. Courses are designed to prepare students for certification in advanced nursing as a family psychiatric mental health nurse practitioner.

This program is offered in a hybrid iCourse format that requires students to travel to campus for up to a week for orientation at the beginning of the program and then two or three times per semester.

Focused clinical experiences are arranged with appropriate preceptors and administrators for students residing in Arizona. In-state students who live in Maricopa County are assigned clinical experiences in that geographic area. In-state students who live outside of Maricopa County may be assigned clinical placements in other areas of Arizona based on the college's ability to secure clinical agreements with those sites. In the event that clinical sites are unavailable in the student's geographical area or if the faculty determines the student needs additional faculty supervision for clinical progress in their program, the student is required to complete their clinical experience in the Phoenix area.

Students residing outside of Arizona are responsible for identifying one or more clinical sites in their area of residence. These sites must be approved by Edson College of Nursing and Health Innovation before starting any clinical experience.

Experiences with disadvantaged and multicultural populations are encouraged as are experiences in rural areas when sites are available for these experiences. These sites may be available in Maricopa County.

Degree Requirements:

84 credit hours including the required applied project course (DNP 707).

Required Core (21 credit hours)

- DNP 604 Advanced Human Pathophysiology Across Lifespan (4)
- DNP 605 Advanced Health Assessment Across Lifespan (3)
- DNP 608 Applied Pharmacotherapeutics Across Lifespan (3)
- DNP 609 Advanced Practice Nursing Role (1)
- DNP 704 Principles of Evidence-Based Care in Advanced Practice (4)
- DNP 705 Health Care Outcome Management (3)
- DNP 708 Systems Thinking in a Complex Healthcare Environment (3)

Concentration (41 credit hours)

- DNP 660 Advanced Neuropsychopathology Lifespan (2)
- DNP 671 Advanced Mental Health Assessment Across the Lifespan (2)
- DNP 672 Psychopharmacology Across the Lifespan (3)
- DNP 673 Mental Health Promotion Across the Lifespan (3)
- DNP 674 Mental Health Promotion Across the Lifespan Practicum (3)
- DNP 675 Management of Common Mental Health Disorders Across the Lifespan (3)
- DNP 676 Management of Common Mental Health Disorders Across the Lifespan Practicum (5)
- DNP 677 Management of Complex and Chronic Mental Health Disorders Across the Lifespan (3)
- DNP 678 Management of Complex and Chronic MH Disorders Across the Lifespan Practicum (5)
- DNP 712 Clinical Residency and Management (12)

Other Requirement (20 credit hours)

- DNP 601 Theoretical Foundations for Advance Practice Nursing (3)
- DNP 602 Evaluating Research for Practice (3)

DNP 679 Biostatistics: Principals of Statistical Inference (3)
DNP 703 Innovation in Communication: Scholarly and Professional Writing (2)
DNP 709 Individual and Innovation Leadership in Healthcare Practice (3)
DNP 711 Healthcare Policy and Innovation (3)
DNP 715 Dynamics and Principles of Information in Health Care (3)

Culminating Experience (3 credit hours)

DNP 707 Disseminating Evidence to Advance Best Practice in Health Care and Health Policy (3)

Additional Curriculum Information

Completion of an evidence-based doctoral applied project focused on a clinical issue relevant to advanced practice nursing is required.

The American Nurses Credentialing Center has recommended a minimum of 1,000 postbaccalaureate practicum hours for all students completing a DNP. This program includes 1,125 practicum hours, exceeding the ANCC requirement.

When approved by the student's supervisory committee and the Graduate College, this program allows up to 30 credit hours from a previously awarded master's degree to be used for this program.

Other requirement coursework may be substituted with approval of the academic unit if the student is in an approved concurrent program.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in nursing from a nationally recognized, regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- three professional letters of recommendation
- resume
- goal statement
- admission essay
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency per the Graduate College requirement and all requirements for the Commission on Graduates of Foreign Nursing Schools.

A current unencumbered RN license in the state in which the student plans to do clinical practicums is required. All students are also required to have an unencumbered Arizona RN license or an unencumbered compact state RN license as mandated by the Arizona State Board of Nursing. The RN license must remain unencumbered throughout enrollment in any nursing program.

An interview with program faculty is required.

One year of clinical experience working in the student's specialty population is preferred.

Health and safety requirements include passing disposition on a background clearance and satisfactory completion of a substance screen.

No admission examination is required.

Contact Information:

Nursing and Health Innovation, Edson College of
Edson College of Nursing and Health Innovation

<https://nursingandhealth.asu.edu/programs/dnp/advanced-nursing-practice-family-psychiatric-and-mental-health-nurse-practitioner-dnp>

HLTHN 113

nursingandhealth@asu.edu

602-496-0937

Advanced Nursing Practice (Innovation Leadership), DNP (NUANPILDNP)

Online Degree Search Title: Advanced Nursing Practice (Innovation Leadership), DNP

Campus: Downtown Phoenix

Program Description:

The DNP program with a concentration in innovation leadership, accredited by the Commission on Collegiate Nursing Education, is directed toward professional nurses who seek the scholarship, skills and capacity to lead effective change in systems, organizations and practice environments, using innovation theories and methodologies as the frame for their leadership practice. This concentration focuses on improving health care through facilitating a culture of best practice and providing skills necessary to develop advanced practice nursing leaders for the future.

Graduates of this program are able to facilitate the application and integration of research into clinical practice using innovative approaches across multiple settings to improve health care, patient outcomes and health care systems.

This program is offered in a hybrid iCourse and in-person format that requires students to travel to campus for up to a week for orientation at the beginning of the program and two or three times per semester.

Degree Requirements:

84 credit hours including the required applied project course (DNP 712).

Required Core (21 credit hours)

- DNP 604 Advanced Human Pathophysiology Across Lifespan (4)
- DNP 605 Advanced Health Assessment Across Lifespan (3)
- DNP 608 Applied Pharmacotherapeutics Across Lifespan (3)
- DNP 609 Advanced Practice Nursing Role (1)
- DNP 704 Principles of Evidence-Based Care in Advanced Practice (4)
- DNP 705 Health Care Outcome Management (3)
- DNP 708 Systems Thinking in a Complex Healthcare Environment (3)

Concentration (13 credit hours)

- DNP 713 Analysis of Organizational Cultures in Health Care (3)
- DNP 714 Professional Relationships in Healthcare (3)
- DNP 716 Leadership of Innovation in Health Care (4)
- NUR 640 Integrative Theories of Innovation Health Care (3)

Other Requirement (20 credit hours)

- DNP 601 Theoretical Foundations for Advance Practice Nursing (3)
- DNP 602 Evaluating Research for Practice (3)
- DNP 679 Biostatistics: Principals of Statistical Inference (3)
- DNP 703 Innovation in Communication: Scholarly and Professional Writing (2)
- DNP 709 Individual and Innovation Leadership in Healthcare Practice (3)
- DNP 711 Healthcare Policy and Innovation (3)
- DNP 715 Dynamics and Principles of Information in Health Care (3)

Electives and Research (18 credit hours)

Culminating Experience (12 credit hours)

Applied Project: DNP 712 Clinical Residency and Management (12)

Additional Curriculum Information

Completion of an evidence-based doctoral applied project focused on a clinical issue relevant to advanced practice nursing is required.

The American Nurses Credentialing Center has recommended a minimum of 1,000 postbaccalaureate practicum hours for all students completing a nurse practitioner doctoral program. This program includes 1,125 practicum hours, exceeding the ANCC requirement.

For electives or research, students should see the academic unit for the approved course list. Other coursework may be used with the approval of the academic unit.

When approved by the student's supervisory committee and the Graduate College, this program allows up to 30 credit hours from a previously awarded master's degree to be used for this program.

Other requirement coursework may be substituted with approval of the academic unit if the student is in an approved concurrent program.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants are eligible to apply to the program if they have earned a bachelor's and a master's degree in nursing from a nationally recognized, regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- three professional letters of recommendation
- resume
- goal statement
- admission essay
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency per the Graduate College requirement and all requirements for the Commission on Graduates of Foreign Nursing Schools.

A current unencumbered RN license in the state in which the student plans to do clinical practicums is required. All students are also required to have an unencumbered Arizona RN license or an unencumbered compact state RN license as mandated by the Arizona State Board of Nursing. The RN license must remain unencumbered throughout enrollment in any nursing program.

An interview with program faculty is required.

Health and safety requirements include passing disposition on a background clearance and satisfactory completion of a substance screen.

An admission examination is not required.

Applicants are reviewed on a space-available basis after the priority deadline. Students should see the program website for application deadlines.

Contact Information:

Nursing and Health Innovation, Edson College of

Edson College of Nursing and Health Innovation

<https://nursingandhealth.asu.edu/programs/dnp/advanced-nursing-practice-innovation-leadership-dnp>

HLTHN 113

nursingandhealth@asu.edu

602-496-0937

Advanced Nursing Practice (Neonatal Nurse Practitioner), DNP (NUANPNDNP)

Online Degree Search Title: Advanced Nursing Practice (Neonatal Nurse Practitioner), DNP

Campus: Downtown Phoenix

ASU is not currently accepting applications for this program.

Program Description:

This program is designed for nurses seeking to become advanced practical nurses as neonatal nurse practitioners. Providing a foundation for this specialty are graduate courses in application of theory to advanced practice; application of evidence to advanced practice; advanced pathophysiology; advanced pharmacology; and advanced health assessment. Advanced neonatal nursing theory and clinical courses focus on the development of a framework for developmentally supportive, family-centered, culturally appropriate advanced nursing practice with infants, children and families.

Focused clinical experiences are arranged with appropriate preceptors and administrators. Every attempt will be made to arrange this in the student's geographical area. In the event that clinical sites are unavailable in that area or if the faculty determine the student needs additional faculty supervision of skills, the student will be required to complete the clinical experience in the Phoenix area. Experiences with disadvantaged and multicultural populations are encouraged as are experiences in rural areas, and sites are available for these experiences.

Degree Requirements:

84 credit hours including the required applied project course (DNP 707).

Required Core (21 credit hours)

- DNP 604 Advanced Human Pathophysiology Across Lifespan (4)
- DNP 605 Advanced Health Assessment Across Lifespan (3)
- DNP 608 Applied Pharmacotherapeutics Across Lifespan (3)
- DNP 609 Advanced Practice Nursing Role (1)
- DNP 704 Principles of Evidenced-Based Care in Advanced Practice (4)
- DNP 705 Healthcare Outcomes Management (3)
- DNP 708 Systems Thinking in a Complex Healthcare Environment (3)

Concentration (34 credit hours)

- DNP 653 Advanced Development and Family Health Promotion: Neonatal Theory I (3)
- DNP 654 Neonatal Practicum I (3)
- DNP 655 Management of Common Neonatal Problems (3)
- DNP 656 Neonatal Practicum II (5)
- DNP 657 Management of Complex Problems in Neonates (3)
- DNP 658 Neonatal Practicum III: Management of Complex Problems in Neonates (5)
- DNP 712 Clinical Residency and Management (12)

Other Requirement (20 credit hours)

- DNP 601 Theoretical Foundations for Advance Practice Nursing (3)
- DNP 602 Evaluating Research for Practice (3)
- DNP 679 Biostatistics: Principals of Statistical Inference (3)
- DNP 703 Innovation in Communication: Scholarly and Professional Writing (2)
- DNP 709 Individual and Innovation Leadership in Healthcare Practice (3)
- DNP 711 Healthcare Policy and Innovation (3)
- DNP 715 Dynamics and Principles of Information in Health Care (3)

Electives and Research (6 credit hours)

Culminating Experience (3 credit hours)

- DNP 707 Disseminating Evidence to Advance Best Practice in Health Care and Health Policy (3)

Additional Curriculum Information

Completion of an evidence-based doctoral applied project focused on a clinical issue relevant to advanced practice nursing is required.

The American Nurses Credentialing Center has recommended a minimum of 1,000 postbaccalaureate practicum hours for all students completing a nurse practitioner doctoral program. This program includes 1,125 practicum hours, exceeding the ANCC requirement.

For electives or research, please see the academic unit for the approved course list. Other coursework may be used with the approval of the academic unit.

When approved by the student's supervisory committee and the Graduate College, this program allows up to 30 credit hours from a previously awarded master's degree to be used for this program.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants are eligible to apply to the program if they have earned a bachelor's degree in nursing from a nationally recognized, regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- three online recommendations from individuals knowledgeable about the applicant's academic and nursing leadership potential and one self-evaluation completed by the applicant
- satisfactory completion of the analytical writing section of the GRE
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency per the Graduate College requirement and all requirements for the Commission on Graduates of Foreign Nursing Schools.

A current unencumbered license is required. If clinical practice will occur outside of Arizona, the student must have a current unencumbered license in the state where clinical practice will be conducted. If clinical practice will occur within Arizona, the student must have a current unencumbered Arizona license to practice as a registered nurse.

An interview with a representative of the specialty area is required.

Students should see the program website for application deadlines.

Contact Information:

Nursing and Health Innovation, Edson College of
Edson College of Nursing and Health Innovation
<https://nursingandhealth.asu.edu>
HLTHN 113
DNPnursing@asu.edu
602-496-0937

Advanced Nursing Practice (Pediatric Nurse Practitioner), DNP (NUANPPDNP)

Online Degree Search Title: Advanced Nursing Practice (Pediatric Nurse Practitioner), DNP

Campus: Downtown Phoenix

Program Description:

Doctor of Nursing Practice graduates are prepared to practice at the most advanced level of nursing.

This DNP program, accredited by the Commission on Collegiate Nursing Education, provides a foundation for this specialty through the application of theory to advance practice. Courses focus on the development of a framework for developmentally supportive, family-centered, culturally appropriate advanced nursing practice with infants, children and families.

This program is offered in a hybrid iCourse and in-person format that requires students to travel to campus for up to a week for orientation at the beginning of the program and then two or three times per semester.

Focused clinical experiences are arranged with appropriate preceptors and administrators for students residing in Arizona. In-state students who live in Maricopa County are assigned clinical experiences in that geographic area. In-state students who live outside of Maricopa County may be assigned clinical placements in other areas of Arizona based on the college's ability to secure clinical agreements with those sites. In the event that clinical sites are unavailable in the student's geographical area or if the faculty determines the student needs additional faculty supervision for clinical progress in their program, the student is required to complete their clinical experience in the Phoenix area.

Students residing outside of Arizona will be responsible for identifying one or more clinical sites in their area of residence. These sites must be approved by Edson College of Nursing and Health Innovation before starting any clinical experience.

Experiences with disadvantaged and multicultural populations are encouraged as are experiences in rural areas when sites are available for these experiences. These sites may be available in Maricopa County.

Degree Requirements:

84 credit hours including the required applied project course (DNP 707).

Required Core (21 credit hours)

DNP 604 Advanced Human Pathophysiology Across Lifespan (4)

DNP 609 Advanced Practice Nursing Role (1)

DNP 641 Advanced Health Assessment Pediatrics (3)

DNP 642 Applied Pharmacotherapeutics for Pediatrics (3)

DNP 704 Principles of Evidence-Based Care in Advanced Practice (4)

DNP 705 Health Care Outcomes Management (3)

DNP 708 Systems Thinking in a Complex Healthcare Environment (3)

Concentration (34 credit hours)

DNP 643 Developmentally Based Care of the Well Child (3)

DNP 644 Well Child Advanced Practicum (3)

DNP 645 Management of Common Problems in Pediatric Primary Care (3)

DNP 646 Management of Common Problems in Pediatric Primary Care Practicum (5)

DNP 647 Management of Complex and Chronic Health Problems in Pediatric Primary Care (3)
DNP 648 Management of Complex and Chronic Health Problems in Pediatric Primary Care Practicum (5)
DNP 712 Clinical Residency and Management (12)

Other Requirement (20 credit hours)

DNP 601 Theoretical Foundations for Advance Practice Nursing (3)
DNP 602 Evaluating Research for Practice (3)
DNP 679 Biostatistics: Principals of Statistical Inference (3)
DNP 703 Innovation in Communication: Scholarly and Professional Writing (2)
DNP 709 Individual and Innovation Leadership in Healthcare Practice (3)
DNP 711 Healthcare Policy and Innovation (3)
DNP 715 Dynamics and Principles of Information in Health Care (3)

Electives and Research (6 credit hours)

Culminating Experience (3 credit hours)

DNP 707 Disseminating Evidence to Advance Best Practice in Health Care and Health Policy (3)

Additional Curriculum Information

Completion of an evidence-based doctoral applied project focused on a clinical issue relevant to advanced practice nursing is required.

The American Nurses Credentialing Center has recommended a minimum of 1,000 postbaccalaureate practicum hours for all students completing a DNP. This program includes 1,125 practicum hours, exceeding the ANCC requirement.

For electives or research, students should see the academic unit for the approved course list. Other coursework may be used with the approval of the academic unit.

When approved by the student's supervisory committee and the Graduate College, this program allows up to 30 credit hours from a previously awarded master's degree to be used for this program.

Other requirement coursework may be substituted with approval of the academic unit if the student is in an approved concurrent program.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in nursing from a nationally recognized, regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- three professional letters of recommendation
- resume
- goal statement
- admission essay
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency per the Graduate College requirement and all requirements for the Commission on Graduates of Foreign Nursing Schools.

A current unencumbered RN license in the state in which the student plans to do clinical practicums is required. All students are also required to have an unencumbered Arizona RN license or an unencumbered compact state RN license as mandated by the Arizona State Board of Nursing. The RN license must remain unencumbered throughout enrollment in any nursing program.

An interview with program faculty is required.

One year of clinical experience working within the student's specialty population is preferred.

Health and safety requirements include passing disposition on a background clearance and satisfactory completion of a substance screen.

No admission examination is required.

Contact Information:

Nursing and Health Innovation, Edson College of
Edson College of Nursing and Health Innovation
<https://nursingandhealth.asu.edu/programs/dnp/pediatric-nurse-practitioner-dnp>
HLTHN 113
nursingandhealth@asu.edu
602-496-0937

Advanced Nursing Practice (Women's Health Nurse Practitioner), DNP (NUANPWHDNP)

Online Degree Search Title: Advanced Nursing Practice (Women's Health Nurse Practitioner), DNP

Campus: Downtown Phoenix

Program Description:

DNP graduates are prepared to practice at the most advanced level of nursing.

This program, accredited by the Commission on Collegiate Nursing Education, provides a foundation for this specialty through graduate courses in application of theory to advance practice. Courses focus on theories, principles and clinical skills in the care of women and their families including critical thinking, diagnosis, problem-solving and nursing management of women throughout the maternity cycle and with common gynecological problems. Client education, communication and collaboration are emphasized.

This program is offered in a hybrid iCourse and in-person format that requires students to travel to campus for up to a week for orientation at the beginning of the program and then two or three times per semester.

Focused clinical experiences are arranged with appropriate preceptors and administrators. Every attempt will be made to arrange these in the student's geographical area. In the event that clinical sites are unavailable in that area or if the faculty determines the student needs additional faculty supervision of skills, the student is required to complete their clinical experience in the Phoenix area. Experiences with disadvantaged and multicultural populations are encouraged as are experiences in rural areas, and sites are available for these experiences.

Degree Requirements:

84 credit hours including the required applied project course (DNP 707).

Required Core (21 credit hours)

DNP 604 Advanced Human Pathophysiology Across Lifespan (4)
DNP 605 Advanced Health Assessment Across Lifespan (3)
DNP 608 Applied Pharmacotherapeutics Across Lifespan (3)
DNP 609 Advanced Practice Nursing Role (1)
DNP 704 Principles of Evidence-Based Care in Advanced Practice (4)
DNP 705 Health Care Outcomes Management (3)
DNP 708 Systems Thinking in a Complex Healthcare Environment (3)

Concentration (34 credit hours)

DNP 613 Women's Health Promotion I (3)
DNP 614 Women's Health Practicum I (3)
DNP 615 Management of Common Problems in Women's Health (3)
DNP 616 Advanced Women's Health Practicum II (5)
DNP 617 Management of Complex and Chronic Disease in Women (3)
DNP 618 Advanced Women's Health Practicum III (5)
DNP 712 Clinical Residency and Management (12)

Other Requirement (20 credit hours)

DNP 601 Theoretical Foundations for Advance Practice Nursing (3)
DNP 602 Evaluating Research for Practice (3)
DNP 679 Biostatistics: Principals of Statistical Inference (3)
DNP 703 Innovation in Communication: Scholarly and Professional Writing (2)
DNP 709 Individual and Innovation Leadership in Healthcare Practice (3)
DNP 711 Healthcare Policy and Innovation (3)
DNP 715 Dynamics and Principles of Information in Health Care (3)

Electives and Research (6 credit hours)

Culminating Experience (3 credit hours)

DNP 707 Disseminating Evidence to Advance Best Practice in Health Care and Health Policy (3)

Additional Curriculum Information

Completion of an evidence-based doctoral applied project focused on a clinical issue relevant to advanced practice nursing is required.

The American Nurses Credentialing Center has recommended a minimum of 1,000 postbaccalaureate practicum hours for all students completing a nurse practitioner doctoral program. This program includes 1,125 practicum hours, exceeding the ANCC requirement.

For electives or research, students should see the academic unit for the approved course list. Other coursework may be used with the approval of the academic unit.

When approved by the student's supervisory committee and the Graduate College, this program allows up to 30 credit hours from a previously awarded master's degree to be used for this program.

Other requirement coursework may be substituted with approval of the academic unit if the student is in an approved concurrent program.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in nursing from a nationally recognized, regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- three professional letters of recommendation
- resume
- goal statement
- admission essay
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency per the Graduate College requirement and all requirements for the Commission on Graduates of Foreign Nursing Schools.

All students are also required to have an unencumbered Arizona RN license or an unencumbered compact state RN license as mandated by the Arizona State Board of Nursing. The RN license must remain unencumbered throughout enrollment in any nursing program.

An interview with program faculty is required.

One year of clinical experience working within the student's specialty population is preferred.

Health and safety requirements include passing disposition on a background clearance and satisfactory completion of a substance screen.

An admission examination is not required.

Contact Information:

Nursing and Health Innovation, Edson College of

Edson College of Nursing and Health Innovation

<https://nursingandhealth.asu.edu/programs/dnp/womens-health-nurse-practitioner-dnp>

HLTHN 113

nursingandhealth@asu.edu

602-496-0937

Aging, MS (LAALDMS)

Online Degree Search Title: Aging, MS

Campus: Downtown Phoenix, Online

Program Description:

The MS program in aging is aligned with ASU's charter and design aspirations in assuming responsibility for the overall health of communities by educating students to become experts in the field of aging. This is achieved by fusing intellectual disciplines together to address the diverse needs of our rapidly aging population; transforming society by being socially embedded with partners in the aging network of health and wellness and social services; and networking with entrepreneurs developing senior-related business ventures.

The program provides students with advanced, interdisciplinary knowledge that focuses on improving the well-being of older adults within the context of their diverse families and communities. The curriculum is competency-based according to Academy for Gerontology in Higher Education competencies for graduate education. The curriculum addresses the multidimensional aging process, the needs of aging populations and their potential contributions to society; reflects national health initiatives; and encourages community collaborations that are reciprocal, beneficial and sustainable to improve health outcomes of older adults.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Applied Science (Health Entrepreneurship and Innovation), BAS
- Community Health, BS
- Health Care Coordination, BS
- Health Entrepreneurship and Innovation, BS
- Integrative Health, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

36 credit hours including the required applied project course (HCA 593).

Required Core (15 credit hours)

- HCA 501 Perspectives on Aging and the Life Course (3)
- HCA 502 Research and Program Evaluation Issues in Aging (3)
- HCA 503 Diversity in Aging (3)
- HCA 504 Caregiving Issues for Families and Professionals (3)
- HCA 505 Interdisciplinary and Community Collaboration in Aging (3)

Track (6 credit hours)

Electives (9 credit hours)

Other Requirements (3 credit hours)

- HCA 509 Interventions to Support Aging in Place (3) or
- HCA 510 Innovations in Program Development and Policy (3)

Culminating Experience (3 credit hours)

- HCA 593 Applied Project (3)

Additional Curriculum Information

Students choose a track for a total of six credit hours:

- aging services and case management
- innovation and entrepreneurship
- long-term care administration
- palliative and end of life care

The program also requires nine credit hours of electives to support the track and career interests. Students should see the academic unit for the current approved elective list. Other courses may be used with approval of the academic unit.

For other requirement coursework, students select either HCA 509 or HCA 510.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in a related field from a regionally accredited

institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants are required to submit:

- graduate admission application and application fee
- official transcripts
- three letters of recommendation
- professional resume
- letter of intent or written statement
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/graduate/aging-ms/>)

Contact Information:

Nursing and Health Innovation, Edson College of
Edson College of Nursing and Health Innovation
<https://nursingandhealth.asu.edu>
HLTHN 113
nursingandhealth@asu.edu
602-496-0937

Clinical Research Management, MS (NUCRMMS)

Online Degree Search Title: Clinical Research Management, MS

Campus: Online

Program Description:

This MS program prepares students to lead complex global clinical research operations in multiple types of employer settings in the rapidly growing clinical research industry. The clinical research management graduate program at ASU is the first clinical research graduate program to receive accreditation by the Commission on Accreditation of Allied Health Education Programs. CAAHEP is the largest programmatic accreditor in the health sciences field and is recognized by the Council for Higher Education Accreditation in the United States and internationally.

The Master of Science in clinical research management offers a transdisciplinary approach to education in the fiscal practices of conducting clinical research, the ethical and regulatory aspects of clinical research and the overall operational management of clinical drug, biological and medical device trials.

The program is designed to be flexible, making it convenient for the adult learner.

Degree Requirements:

33 credit hours including the required capstone course (HCR 566).

Required Core (15 credit hours)

- HCR 551 Clinical Research Monitoring (3)
- HCR 561 Responsible Conduct of Clinical Research (3)
- HCR 563 Fundamentals of Regulatory Affairs (3)
- HCR 565 Clinical Research Operations (3)
- HCR 574 Scientific and Research Review Boards (3)

Restricted Electives (15 credit hours)

- HCR 552 Medical Device Development and Regulation (3)
- HCR 555 Pharmaceutical Safety and Risk Management (3)
- HCR 557 Clinical Research Design and Methods (3)
- HCR 562 Clinical Research Data Management and Technology Implementation (3)
- HCR 564 Global Regulatory Affairs Leadership (3)
- HCR 567 Research Management and Contemporary Research Topics (3)
- HCR 568 Health Care Project Management (3)
- HCR 575 Contracting and Budgeting for Industry-Sponsored Clinical Trials (3)

Culminating Experience (3 credit hours)
HCR 566 Capstone Clinical Research Management Project II (3)

Additional Curriculum Information
Students select five courses from the restricted electives list.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree that includes courses with content in anatomy and physiology and medical terminology or if they have earned a bachelor's degree in any field and provide evidence of successful completion of additional courses in anatomy and physiology and medical terminology.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 credit hours or 90 quarter hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- resume or curriculum vitae
- two online references
- personal statement
- response to application questions
- proof of English language proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The applicant must have six months of full-time, related clinical research work or internship experience as described in a resume or curriculum vitae.

The online references should be from colleagues, supervisors or other professional contacts and should attest to the applicant's academic and leadership experiences.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/graduate/master-science-clinical-research-management/>)

Contact Information:

Nursing and Health Innovation, Edson College of
Edson College of Nursing and Health Innovation
<https://nursingandhealth.asu.edu/degree-programs/graduate/clinical-research-management-ms>
MERCC 250
nursingandhealth@asu.edu
602-496-0937

Clinical Research Management (certificate), Certificate (NUHCRGRCC)

Online Degree Search Title: Clinical Research Management (Graduate Certificate)

Campus: Online

Program Description:

The graduate certificate program in clinical research management offers an alternative for those who are not ready for a master's degree or do not have time to devote to completing one. The program prepares graduates to lead complex clinical research operations in a wide variety of employer settings within the rapidly growing clinical research industry.

The clinical research management certificate program offers a multidisciplinary approach to education in the fiscal practices of clinical research, the ethical and regulatory aspects of clinical research, and the overall operational management of clinical drug, biological and medical device trials. The program is designed to be flexible and conducive to the adult learner.

The clinical research management graduate program at ASU is the first clinical research graduate program to receive accreditation by the Commission on Accreditation of Allied Health Education Programs. CAAHEP is the largest programmatic accreditor in the health sciences field and

is recognized by the Council for Higher Education Accreditation in the United States and internationally.

Degree Requirements:

15 credit hours.

Required Core (12 credit hours)

HCR 561 Responsible Conduct of Clinical Research (3)

HCR 562 Clinical Research Data Management and Technology Implementation (3)

HCR 563 Fundamentals of Regulatory Affairs (3)

HCR 565 Clinical Research Operations (3)

Restricted Elective (3 credit hours)

Additional Curriculum Information

Students should see the academic unit for the list restricted electives.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a nationally recognized, regionally accredited academic institution that includes courses with content in anatomy and physiology and medical terminology, or if applicants have earned a bachelor's degree and provide evidence of successful completion of additional courses in anatomy and physiology and medical terminology.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- resume or curriculum vitae
- two online references
- personal statement
- response to application questions
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Applicants must have six months of full-time, related clinical research work or internship experience as described on the applicant's resume or curriculum vitae. Applicants may be required to submit a job description or internship transcript from their employer.

The online references should be professional references from colleagues, supervisors, professors or other professional contacts who can attest to the applicant's academic and leadership experiences.

Applications are due 30 days before the start of the session.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/certificates/graduate-certificate-clinical-research-management/>)

Contact Information:

Nursing and Health Innovation, Edson College of

Edson College of Nursing and Health Innovation

<https://nursingandhealth.asu.edu/programs/certificate/clinical-research-management-graduate-certificate>

MERCC 250

nursingandhealth@asu.edu

602-496-0937

Clinical Research Management (Regulatory Science), MS (NUCRMRSMS)

Online Degree Search Title: Clinical Research Management (Regulatory Science), MS

Campus: Online

Program Description:

The purpose of the regulatory science concentration of the MS in clinical research management is to prepare students for careers in regulatory aspects of clinical research.

The regulatory science program uses a transdisciplinary approach and encompasses coursework in regulatory writing techniques, quality systems and medical device and pharmaceutical regulation. The concentration program is designed to develop the student's understanding of how to meet regulatory oversight requirements as they relate to the conduct of clinical studies and medical products.

The program offers an alternative course option for students pursuing the clinical research management Master of Science degree. The clinical research management graduate program at ASU is the first clinical research graduate program to receive accreditation by the Commission on Accreditation of Allied Health Education Programs. CAAHEP is the largest programmatic accreditor in the health sciences field and is recognized by the Council for Higher Education Accreditation in the United States and internationally.

Degree Requirements:

33 credit hours including the required capstone course (HCR 566).

Required Core (15 credit hours)

HCR 551 Clinical Research Monitoring (3)

HCR 561 Responsible Conduct of Clinical Research (3)

HCR 563 Fundamentals of Regulatory Affairs (3)

HCR 565 Clinical Research Operations (3)

HCR 574 Scientific and Research Review Boards (3)

Concentration Courses (15 credit hours)

HCR 552 Medical Device Development and Regulation (3)

HCR 553 Quality Assurance and Clinical Research (3)

HCR 555 Pharmaceutical Safety and Risk Management (3)

HCR 558 Technical Writing for the Regulatory Professional (3)

HCR 562 Clinical Research Data Management and Technology Implementation (3)

Culminating Experience (3 credit hours)

HCR 566 Capstone Clinical Research Management Project II (3)

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree that includes courses with content in anatomy and physiology and medical terminology or if they have earned a bachelor's degree in any field and provide evidence of successful completion of additional courses in anatomy and physiology and medical terminology.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 credit hours or 90 quarter hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- resume or curriculum vitae
- three online references
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The applicant must have six months of full-time, related clinical research work or internship experience as described in a resume or curriculum vitae.

The online references should be from colleagues, supervisors or other professional contacts and should attest to the applicant's academic and leadership experiences.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the Academic Catalog Archive 2020-2021

program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/graduate/master-science-clinical-research-management-regulatory-science/>)

Contact Information:

Nursing and Health Innovation, Edson College of
Edson College of Nursing and Health Innovation
<https://nursingandhealth.asu.edu/degree-programs/graduate/clinical-research-management-regulatory-science-ms>
MERCC 250
nursingandhealth@asu.edu
602-496-0937

Emergency Nurse Practitioner (Certificate), Certificate (NUEMNPGRCT)

Online Degree Search Title: Emergency Nurse Practitioner (Graduate Certificate)

Campus: Downtown Phoenix

Program Description:

Nurse practitioners are prepared to practice at the most advanced level of nursing. This nurse practitioner certificate program, accredited by the Commission on Collegiate Nursing Education, provides a foundation for this specialty. Courses focus on the development of a framework for patients with unexpected illness in pre-hospital, urgent care and emergency department settings. The focus of these courses is on the delivery of health care services to patients across the lifespan in these settings.

This program is offered in an in-person and iCourse format that requires students to travel to campus for up to a week for orientation at the beginning of the program and then two or three times per semester.

Degree Requirements:

15 credit hours.

Required Core (15 credit hours)

- DNP 610 Principles of Advanced Emergency Nursing I (3)
- DNP 611 ENP Practicum I: Advanced Emergency Nursing Practice (3)
- DNP 630 Principles of Advanced Emergency Nursing II (3)
- DNP 631 ENP Practicum II: Advanced Emergency Nursing Practice (3)
- DNP 649 Advanced Physiology (3)

Additional Curriculum Information

Every certificate student must complete 270 hours of direct patient care with a nurse practitioner or physician preceptor in the clinical setting. Documented clinical experiences are required by the certification organization (AANP) in order for the graduate to be eligible to take the national Emergency Nurse Practitioner certification examination.

Focused clinical experiences are arranged with appropriate preceptors and administrators. Every attempt is made to arrange this in the student's geographical area. In the event that clinical sites are unavailable in that area or if the faculty determine the student needs additional faculty supervision of skills, the student is required to complete the clinical experience in the Phoenix area. Experiences with disadvantaged and multicultural populations are encouraged as are experiences in rural areas, and sites are available for these experiences.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation

Applicants are eligible to apply to the program if they have earned a bachelor's and master's degree in nursing, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:

- graduate admission application and application fee
- official transcripts
- three professional letters of recommendation.
- professional resume
- goal statement
- admission essay
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa will first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission be considered for admission to this certificate program.

A current unencumbered RN license in the state in which the student plans to do clinical practicums is required. All students are also required to have an unencumbered Arizona RN license or an unencumbered compact state RN license as mandated by the Arizona State Board of Nursing. The RN license must remain unencumbered throughout enrollment in any nursing program.

The goal statement should indicate the applicant's understanding of the role of the advance practice nurse with the population of interest and any experience the applicant may have working with the patient population of interest.

The admission essay should briefly describe how meeting "The Essentials of Doctoral Education for Advanced Nursing Practice" (2006) will further their career goals.

Applicants must be a licensed family nurse practitioner currently, or enrolled in the family nurse practitioner program at ASU.

An interview with program faculty is required.

Health and safety requirements include passing disposition on a background clearance and satisfactory completion of a substance screen.

No admission examination is required.

Contact Information:

Nursing and Health Innovation, Edson College of
Edson College of Nursing and Health Innovation
<https://nursingandhealth.asu.edu/>
HLTHN 210FC
nursingandhealth@asu.edu
602-496-2644

Family Nurse Practitioner (certificate), Certificate (NUFMPGRCE)

Online Degree Search Title: Family Nurse Practitioner (Graduate Certificate)

Campus: Downtown Phoenix

Program Description:

This certificate program, accredited by the Commission on Collegiate Nursing Education, is designed for nurses board certified in a different APRN specialty who seek additional certification as a family nurse practitioner or for nurses with a doctoral degree in nursing who seek to become a family nurse practitioner.

This program is offered in a hybrid iCourse and in-person format that requires students to travel to campus for up to a week for orientation at the beginning of the program and two or three times per semester.

Focused clinical experiences are arranged with appropriate preceptors and administrators for students residing in Arizona. In-state students who live in Maricopa County are assigned clinical experiences in that geographic area. In-state students who live outside of Maricopa County may be assigned clinical placements in other areas of Arizona based on the college's ability to secure clinical agreements with those sites. In the event that clinical sites are unavailable in the student's geographical area OR if the faculty determines the student needs additional faculty supervision for clinical progress in their program, the student is required to complete the clinical experience in the Phoenix area.

Students residing outside of Arizona are responsible for identifying one or more clinical sites in their area of residence. These sites must be approved by Edson College of Nursing and Health Innovation before starting any clinical experience.

Experiences with disadvantaged and multicultural populations are encouraged as are experiences in rural areas when sites are available for these experiences. These sites may be available in Maricopa County.

Degree Requirements:

22 credit hours.

Required Core (22 credit hours)
DNP 633 Family Health Promotion (3)

DNP 634 Family Health Promotion Practicum (3)

DNP 635 Management of Common Family Problems in Children, Adults and Families (3)

DNP 636 Management of Common Health Problems in Children, Adults and Families Practicum (5)

DNP 637 Management of Complex and Chronic Health Problems in Children, Adults and Families (3)

DNP 638 Management of Complex and Chronic Health Problems in Children, Adults and Families Practicum (5)

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants are eligible to apply to the program if they have earned a bachelor's and master's degree in nursing from a nationally recognized, regionally accredited academic institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- a current unencumbered RN license in the state in which the student plans to do clinical practicums
- three professional letters of recommendation
- resume
- goal statement
- admission essay
- health and safety requirements: passing disposition on a background clearance and satisfactory completion of a substance screen
- proof of English language proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency per the Graduate College requirement and all requirements for the Commission on Graduates of Foreign Nursing Schools.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission be considered for admission to this certificate program.

All students are also required to have an unencumbered Arizona RN license or an unencumbered compact state RN license as mandated by the Arizona State Board of Nursing. The RN license must remain unencumbered throughout enrollment in any nursing program.

All applicants have an interview with program faculty prior to admission to the program.

It is preferred that applicants have at least one year of clinical experience working in the student's specialty population.

Admission examinations are not required.

Disclosure information for this U.S. Department of Education Gainful Employment program is at <https://catalog.asu.edu/files/disclosures/NUFMPGRCE/Gedt.pdf> (<https://catalog.asu.edu/files/disclosures/NUFMPGRCE/Gedt.pdf>).

Contact Information:

Nursing and Health Innovation, Edson College of

Edson College of Nursing and Health Innovation

<https://nursingandhealth.asu.edu/programs/certificate/family-nurse-practitioner-graduate-certificate>

HLTHN 113

nursingandhealth@asu.edu

602-496-0937

Family Psychiatric and Mental Health Nurse Practitioner (certificate), Certificate (NUPMNUPRCE)

Online Degree Search Title: Family Psychiatric and Mental Health Nurse Practitioner (Graduate Certificate)

Campus: Downtown Phoenix

Program Description:

This certificate program, accredited by the Commission on Collegiate Nursing Education, is designed for nurses who are board certified in a

different APRN specialty area who seek additional certification as a family psychiatric nurse practitioner or for nurses with a doctoral degree in nursing who seek to become a family psychiatric nurse practitioner.

This certificate program is offered in a hybrid iCourse and in-person format that requires students to travel to campus for up to a week for orientation at the beginning of the program and two or three times per semester.

Focused clinical experiences are arranged with appropriate preceptors and administrators for students residing in Arizona. In-state students who live in Maricopa County are assigned clinical experiences in that geographic area. In-state students who live outside of Maricopa County may be assigned clinical placements in other areas of Arizona based on the college's ability to secure clinical agreements with those sites. In the event that clinical sites are unavailable in the student's geographical area OR if the faculty determines the student needs additional faculty supervision for clinical progress in their program, the student is required to complete their clinical experience in the Phoenix area.

Students residing outside of Arizona are responsible for identifying one or more clinical sites in their area of residence. These sites must be approved by the Edson College of Nursing and Health Innovation before starting any clinical experience.

Experiences with disadvantaged and multicultural populations are encouraged as are experiences in rural areas when sites are available for these experiences. These sites may be available in Maricopa County.

Degree Requirements:

28 credit hours.

This graduate certificate program (including 585 clinical hours) prepares nurses with a master's degree to become family psychiatric mental health nurse practitioners.

Required prerequisites (or equivalent courses taken while in master's degree program)

DNP 604 Advanced Human Pathophysiology Across Lifespan (4)

DNP 605 Advanced Health Assessment Across Lifespan (3)

DNP 608 Applied Pharmacotherapeutics Across Lifespan (3)

DNP 609 Advanced Practice Nursing Role (1)

Students have an individual review of their transcripts and an individualized plan of study designed to meet certification requirements. Depending on how many prerequisite courses are completed in the master's degree program, up to one year of additional study may need to be added to complete this specialty.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants are eligible to apply to the program if they have earned a bachelor's and master's degree in nursing from a nationally recognized, regionally accredited academic institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- a current unencumbered RN license in the state in which the student plans to do clinical practicums
- three professional letters of recommendation
- resume
- goal statement
- admission essay
- health and safety requirements: passing disposition on a background clearance and satisfactory completion of a substance screen
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency per the Graduate College requirement and all requirements for the Commission on Graduates of Foreign Nursing Schools.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission be considered for admission to this certificate program.

All students are also required to have an unencumbered Arizona RN license or an unencumbered compact state RN license as mandated by the Arizona State Board of Nursing. The RN license must remain unencumbered throughout enrollment in any nursing program.

All applicants will have an interview with program faculty prior to admission to the program.

It is preferred that applicants have at least one year of clinical experience working within the student's specialty population.

Admission examinations are not required.

Contact Information:

Nursing and Health Innovation, Edson College of

Edson College of Nursing and Health Innovation

<https://nursingandhealth.asu.edu>

HLTHN 113

nursingandhealth@asu.edu

602-496-0937

Food Safety and Protection (certificate), Certificate (NUFDSPGRCT)

Online Degree Search Title: Food Safety and Protection (Graduate Certificate)

Campus: Online

Program Description:

This certificate program prepares students for a career as food safety and protection inspectors. This program includes specialized training and knowledge in the protection and safety of food. Curriculum is aligned with local, state and national health and safety initiatives, and it integrates with the regulatory focus of the Food and Drug Administration's oversight.

Degree Requirements:

15 credit hours.

Required Core (12 credit hours)

HCR 543 Food Safety and Protection (3)

HCR 544 Assessing Food Safety and Developing Policy Procedures and Training (3)

HCR 558 Technical Writing for Regulatory Professionals (3)

SFS 560 Tools and Tactics for Food Policy Change (3) or HCR 550 Quality Assurance and Safety in Food and Dietary Supplements (3)

Other Requirements (3 credit hours)

HCR 563 Fundamentals of Regulatory Affairs(3) or

HCR 584 Internship (3)

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in a science-based or related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:

- graduate admission application and application fee
- official transcripts
- three letters of recommendation

- professional resume
- written statement
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/certificates/food-safety-grad-certificate/>)

Contact Information:

Nursing and Health Innovation, Edson College of
 Edson College of Nursing and Health Innovation
<https://nursingandhealth.asu.edu/>
 HLTHN 113
 nursingandhealth@asu.edu
 602-496-2644

Health Care Innovation, Certificate (NUHCINGRCT)

Online Degree Search Title: Health Care Innovation (Graduate Certificate)

Campus: Online

Program Description:

The health care innovation graduate certificate program provides students with the cognitive and affective competencies to create and sustain transformative change in health care.

Students learn through reflection, personality assessment, exercises in interprofessional team-case study analyses, system intervention, idea pitching and change-readiness assessment. Related entrepreneurial and intrapreneurial concepts such as prototyping, project plan design, systems thinking, outcome evaluation and presentation skills are included in the program.

Emphasizing complexity leadership and vulnerability along with emotional competence, this certificate program prepares students to work in the interprofessional and highly sought-after area of health care innovation.

Degree Requirements:

15 credit hours including the required capstone course (HCI 570).

Required Core (11 credit hours)

HCI 538 Innovation and the Individual (3)

HCI 542 Systems Thinking in a Complex Environment (3)

HCI 554 Outcomes Evaluation (3)

HCI 561 Innovation Methods (2)

Culminating Experience (4 credit hours)

HCI 570 Innovation Proposal: Culminating Experience for Health Care Innovation Certificate (4)

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any health-related business, social science, hard science, health care practice or technology field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts

- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

There are no required admission examinations.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/certificates/graduate-certificate-health-care-innovation/>)

Contact Information:

Nursing and Health Innovation, Edson College of

Edson College of Nursing and Health Innovation

<https://nursingandhealth.asu.edu/programs/mhi/healthcare-innovation-mhi>

MERCC 250

nursingandhealth@asu.edu

602-496-0937

Health Care Simulation, MS (NUHCSMS)

Online Degree Search Title: Health Care Simulation, MS

Campus: Downtown Phoenix

Program Description:

The expanding use of simulation education in health care demonstrates the need and the opportunities to educate innovative leaders in experiential learning strategies. Simulation provides an effective learner-centered methodology for health care professionals to practice across the continuum of care.

Incorporating deliberate practice for skill mastery, students develop effective critical-thinking, refinement of interprofessional competencies and ethical and compassionate behaviors. In the MS program in health care simulation, students demonstrate the ability to influence the design, operations and evaluation of educational health care simulation in academic or practice settings. Students have learning opportunities to develop evidence-based scenario design, use technology-enhanced environments replicating real patient experiences with life-like high fidelity computer manikins or standardized patients (trained actors), and employ operations techniques. This program provides students the opportunity to learn and work with their peers and with faculty and leaders from multiple disciplines such as health care, sociology, technology, the arts and public policy

Degree Requirements:

37 credit hours including the required Applied Project Course (HCS 593).

Required Core (18 credit hours)

HCI 540 Understanding and Applying Principles of Evidence-based Practice (3)

HCS 501 Foundations in Health Care Simulation (3)

HCS 502 Health Care Simulation Educational Assessment and Debriefing Methods (3)

HCS 503 Principles of Operations Management in Health Care (3)

NUR 522 Designing Systems for Patient Safety and Health Care Quality (3)

NUR 671 Teaching in Academic and Practice Settings (3)

Other Requirements (15 credit hours)

BMI 601 Fundamentals of Health Informatics (3)

HCI 543 Approaches to Health Care Innovation (3)

HCS 580 Practicum: Operational or Educational Perspective (3)

NUR 523 Interprofessional Collaboration for Improving Patient Safety & Health Care Quality Outcomes (3)

NUR 670 Curriculum Development in Academic and Practice Settings (3)

Culminating Experience (4 credit hours)

HCS 593 Applied Project (4)

Additional Curriculum Information

Other requirements coursework may be substituted with approval of the academic unit.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in health care or a related field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:

- graduate admission application and application fee
- official transcripts
- three letters of recommendation
- professional resume
- written statement
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Contact Information:

Nursing and Health Innovation, Edson College of
Edson College of Nursing and Health Innovation
<https://nursingandhealth.asu.edu>
HLTHN 113
nursingandhealth@asu.edu
602-496-0937

Healthcare Innovation, MHI (NUHCINNMHI)

Online Degree Search Title: Healthcare Innovation, MHI

Campus: Online

Program Description:

Students in the MHI program learn how to create and sustain cultures of innovation in health care from multiple perspectives: personal competence for innovation, use of evidence in decision-making, remodeling system infrastructures, financing, communication, entrepreneurship, technology and policy-making. Students develop competence in the design, application and testing of innovative processes and products. A primary focus of the Master of Healthcare Innovation is to prepare students to lead processes of innovation and transformation.

Innovative thinking, planning, implementing and evaluation are emphasized throughout the program. The curriculum incorporates the latest trends in health care and is built upon collaboration with other professionals and faculty across diverse disciplines.

Graduates of the program possess the leadership skills and behaviors to influence the future of health care and transform and improve health care outcomes for individuals and communities.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Applied Science (Health Entrepreneurship and Innovation), BAS
- Community Health, BS
- Health Care Coordination, BS
- Health Entrepreneurship and Innovation, BS
- Integrative Health, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

34 credit hours including the required capstone course (HCI 563).

Required Core (5 credit hours)

HCI 538 Innovation and the Individual (3)

HCI 561 Innovation Methods (2)

Electives (3 credit hours)

Other Requirements (21 credit hours)

HCI 540 Understanding and Applying Principles of Evidence-Based Practice (3)

HCI 542 Systems Thinking in a Complex Environment (3)

HCI 544 IT for Health Care Innovation (3)

HCI 548 Advanced Principles and Concepts of Innovation (3)

HCI 550 Health Care Policy and Innovation (3)

HCI 552 Financing for Innovation (3)

HCI 554 Outcomes Evaluation (3)

Culminating Experience (5 credit hours)

HCI 563 Capstone: Final Innovation Project (5)

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a nationally recognized, regionally accredited academic institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit

- graduate admission application and application fee
- official transcripts
- three professional recommendations
- personal statement and essays
- current resume
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The professional recommendations should be from individuals knowledgeable about the applicant's academic and leadership potential.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/graduate/master-healthcare-innovation/>)

Contact Information:

Nursing and Health Innovation, Edson College of
Edson College of Nursing and Health Innovation

<https://nursingandhealth.asu.edu/programs/mhi/healthcare-innovation-mhi>
MERCC 250
healthcareinnovation@asu.edu
602-496-0937

Innovation Leadership, Certificate (NUINLSGRCT)

Online Degree Search Title: Innovation Leadership (Graduate Certificate)

Campus: Online

ASU is not currently accepting applications for this program.

Program Description:

This graduate certificate program in innovation leadership provides students with the cognitive and affective competencies to lead and facilitate innovation in the contexts of health care products, processes and systems. The emerging field of innovation leadership in health care requires individuals who can lead and facilitate change.

Students learn through reflection, personality assessment, public speaking, leadership network identification, entrepreneurship, idea pitching and change-readiness assessment. This certificate program prepares students to work in this transdisciplinary and highly sought-after area of leadership.

Degree Requirements:

15 credit hours including the required capstone course (HCI 571).

Required Courses (12 credit hours)

HCI 538 Innovation and the Individual (3)

HCI 543 Approaches to Health Care Innovation (3)

HCI 545 Public Speaking for Innovation: Building Your Presence and Making the Case for Change (3)

NLM 562 Social Entrepreneurship (3)

Culminating Experience (3 credit hours)

HCI 571 Capstone Course Health Care Innovation Leadership Portfolio (3)

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any health-related business, social science, hard science, health care practice or technology field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

There are no required admission examinations.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu>)

Contact Information:

Nursing and Health Innovation, Edson College of

Edson College of Nursing and Health Innovation

<https://nursingandhealth.asu.edu/non-degree/graduate-certificates>

HLTHN 113

nursingandhealth@asu.edu

602-496-0937

International Health for Healthcare Professionals (certificate), Certificate (NUHCRGRCI)

Online Degree Search Title: International Health for Healthcare Professionals (Graduate Certificate)

Campus: Downtown Phoenix

ASU is not currently accepting applications for this program.

Program Description:

The international health for health care professionals graduate certificate program prepares health care personnel to meet the global health challenges of the 21st century. Students receive comprehensive education in the promotion of holistic, culturally responsive, evidence-based care within and outside the U.S.

Course content includes the provision of care in the presence and absence of natural (e.g., earthquakes) and human-made disasters (e.g., war), the spread of chronic and infectious diseases, economic and political issues, and other factors that pose substantial challenges to world health promotion and disease prevention.

This graduate certificate is offered as a part-time or full-time hybrid online distance program that includes two day-long visits to the ASU Downtown Phoenix campus and a capstone immersion experience.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants are eligible to apply to the program if they are undergraduate-prepared nurse or health-related professional (e.g., social worker, physician, psychologist, dentist) with a baccalaureate or graduate degree from a nationally or internationally recognized and regionally accredited academic institution, or equivalent.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- professional license in the state where the individual capstone project will be conducted, if required (e.g., RN, NP, MSW, PA or MD)
- resume or curriculum vitae
- email addresses of three professional references (not friends or relatives) who will be contacted for completion of online recommendations
- fingerprint clearance or proof of application for U.S. citizens and applicants with permanent U.S. resident status
- photocopy of current, valid passport
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission be considered for admission to this certificate program.

References are contacted by the Graduate College, with a request to complete a reference questionnaire.

Contact Information:

Nursing and Health Innovation, Edson College of
Edson College of Nursing and Health Innovation
<https://nursingandhealth.asu.edu/>
HLTHN 113
nursingandhealth@asu.edu
602-496-0937

Interprofessional Healthy Aging (certificate), Certificate (NUGNCERT)

Online Degree Search Title: Interprofessional Healthy Aging (Graduate Certificate)

Campus: Downtown Phoenix

Program Description:

This certificate program prepares health and social service professionals to address healthy aging with a focus on prevention and early intervention to optimize the health, behavioral health and quality of life of older adults and their family caregivers.

Degree Requirements:

18 credit hours.

Required Core (15 credit hours)

DNP 682 Geriatric Health Promotion (3)

NUR 629 Research for Geriatric Practice (3)

SWG 570 Aging: A Biopsychosocialspiritual Perspective (3)

SWG 572 Interprofessional Approaches to Healthy Aging (3)

SWG 573 Policies to Promote Healthy Aging (3)

Restricted Electives: (3 credit hours)

Additional Curriculum Information

Students should see the academic unit for the approved elective course list.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a nationally recognized, regionally accredited academic institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission be considered for admission to this certificate program.

Contact Information:

Nursing and Health Innovation, Edson College of

Edson College of Nursing and Health Innovation

<https://nursingandhealth.asu.edu>

HLTHN 113

nursingandhealth@asu.edu

602-496-0937

Nurse Education in Academic and Practice Settings (certificate), Certificate (NUNURSEDCE)

Online Degree Search Title: Nurse Education in Academic and Practice Settings (Graduate Certificate)

Campus: Downtown Phoenix, Online

Program Description:

This certificate program in nurse education in academic and practice settings prepares registered nurses and other health professionals who have earned a master's degree to teach in academic or practice settings. This graduate certificate program is delivered using a hybrid format that optimizes in-person and iCourse delivery methods. Courses include curriculum development, teaching methods, design and delivery of mediated instruction, producing and evaluating educational programs and a teaching practicum.

Degree Requirements:

15 credit hours.

A three credit hour teaching practicum (comprised of 135 clock hours) is required.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants are eligible to apply to the program if they have earned a minimum of a master's degree, in any field, from a nationally recognized, regionally accredited academic institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- a current unencumbered RN license in the state in which the student plans to do clinical practicums
- interview with program faculty
- three professional letters of recommendation
- resume
- goal statement
- health and safety requirements: passing disposition on a background clearance and satisfactory completion of a substance screen
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency per the Graduate College requirement and all requirements for the Commission on Graduates of Foreign Nursing Schools.

International students who need an F1 or J1 visa will first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission be considered for admission to this certificate program.

All students who are currently registered nurses are also required to have an unencumbered Arizona RN license or an unencumbered compact state RN license as mandated by the Arizona State Board of Nursing. The RN license must remain unencumbered throughout enrollment in any nursing program.

There are no required admission examinations for this program.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/certificates/nurse-education-academic-and-practice-settings-graduate/>)

Contact Information:

Nursing and Health Innovation, Edson College of
Edson College of Nursing and Health Innovation
<https://nursingandhealth.asu.edu/programs/certificate/nurse-education-academic-and-practice-settings-graduate-certificate>
HLTHN 113
nursingandhealth@asu.edu
602-496-0739

Nursing, MS (NUNURDTMS)

Online Degree Search Title: Nursing, MS

Campus: Downtown Phoenix, Online

Program Description:

The MS program in nursing is a post-baccalaureate degree designed to meet both the requirements for a Master of Science degree within Arizona State University and the professional nursing requirements outlined in the American Association of Colleges of Nursing Essentials and the National League for Nursing competencies. The program focus is to provide nurses with advanced education and skills in the translation of concepts, practices and principles of leadership and improvement science that will lead to safe, effective, coordinated, patient-centered health services, improved health outcomes and reduction of health care costs.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Nursing, BSN

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

35 credit hours including the required applied project course (NUR 593).

Required Core (18 credit hours)

DNP 601 Theoretical Foundations for Advance Practice Nursing (3)

DNP 602 Evaluating Research for Practice (3)

DNP 604 Advanced Human Pathophysiology Across Lifespan (4)

DNP 608 Advanced Pharmacotherapeutics Across Lifespan (3)

NUR 501 Individual and Innovation Leadership in Health Care (3)

NUR 502 Advanced Health Assessment, Pathophysiology and Pharmacotherapeutics for Health Promotion I (2)

Other Requirement (14 credit hours)

NUR 509 Clinical Prevention and Population Health Practicum (2)

NUR 520 Patient Safety and Health Care Quality Principles, Assessment and Methods (3)

NUR 521 Health Care Evidence, Informatics and Analysis (3)

NUR 523 Interprofessional Collaboration for Improving Patient Safety and Health Care Quality Outcomes (3)

NUR 529 Role-Focused Practicum: Patient Safety and Health Care Quality (3)

Culminating Experience (3 credit hours)

NUR 593 Applied Project (3)

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in nursing or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:

- graduate admission application and application fee
- official transcripts
- three letters of recommendation
- professional resume
- written statement
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

All students are also required to have an unencumbered Arizona RN license or an unencumbered compact state RN license as mandated by the Arizona State Board of Nursing. The RN license must remain unencumbered throughout enrollment in any nursing program.

An interview with faculty is required.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/graduate/masters-nursing/>)

Contact Information:

Nursing and Health Innovation, Edson College of
Edson College of Nursing and Health Innovation
<https://nursingandhealth.asu.edu/>
HLTHN 113
nursingandhealth@asu.edu

Nursing (Entry to Nursing Practice), MS (NUNRENPRMS)

Online Degree Search Title: Nursing (Entry to Nursing Practice), MS

Campus: Downtown Phoenix

Program Description:

The Master of Science program in entry into nursing practice is a pathway to a master's education designed to meet the requirements for the MS in Nursing degree. This degree program provides a pathway to master's education for students who hold a baccalaureate degree in another discipline.

The plan of study builds on the students' prior baccalaureate education. This program option is delivered using a variety of face-to-face, hybrid and online delivery mechanisms. Graduates are eligible to take the National Council for Licensure Examination for Registered Nurses.

Degree Requirements:

64 credit hours including the required applied project course (NUR 593).

Required Core (18 credit hours)

DNP 601 Theoretical Foundations for Advance Practice Nursing (3)

DNP 602 Evaluating Research for Practice (3)

DNP 604 Advanced Human Pathophysiology Across the Lifespan (4)

DNP 608 Advanced Pharmacotherapeutics Across Lifespan (3)

NUR 501 Individual and Innovation Leadership in Health Care (3)

NUR 502 Advanced Health Assessment, Pathophysiology and Pharmacotherapeutics for Health Promotion I (2)

Concentration (36 credit hours)

NUR 509 Clinical Prevention and Population Health Practicum (2)

NUR 514 Nursing Theory: Nursing Fundamentals (5)

NUR 515 Nursing Concepts for Psychiatric Mental Health (2)

NUR 516 Nursing Practice: Psychiatric Mental Health (2)

NUR 517 Nursing Practice: Pediatrics (2)

NUR 518 Nursing Practice: Adults (4)

NUR 519 Role-Focused Practicum: Care Coordination for the Nurse Leader (3)

NUR 520 Patient Safety and Health Care Quality Principles, Assessment and Methods (3)

NUR 521 Health Care Evidence, Informatics and Analysis (3)

NUR 523 Interprofessional Collaboration for Designing Systems to Improve Patient Safety and Health Care Quality (3)

NUR 524 Nursing Practice: Childbearing Family (2)

NUR 533 Nursing Concepts: Childbearing Family (2)

NUR 542 Readiness to Practice (3)

Other Requirements (7 credit hours)

NUR 417 Nursing Concepts: Pediatric Clients (2)

NUR 418 Nursing Concepts: Complex Care (3)

NUR 478 Nursing Practice: Complex Care (2)

Culminating Experience (3 credit hours)

NUR 593 Applied Project (3)

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution. Applicants who hold a BSN degree are not eligible and should apply to one of the other graduate nursing programs in the Edson College of Nursing and Health Innovation.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:

- graduate admission application and application fee
- official transcripts
- three letters of recommendation

- letter of intent or written statement
- professional resume
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Applicants may be admitted to the program with deficiencies. If a student is assigned any deficiency coursework by the academic unit upon admission, those courses must be completed with a grade of "B" (scale is 4.00 = "A") or higher before completing the graduate program's required coursework. Deficiency courses may include:

BIO 201 Human Anatomy and Physiology I and BIO 202 Human Anatomy and Physiology II
 CDE 232 Human Development
 CHM 101 Introductory Chemistry
 HCR 240 Human Pathophysiology
 MIC 205 Microbiology and MIC 206 Microbiology Laboratory
 NTR 241 Human Nutrition
 statistics (100-level or higher 3-credit hour course)

Health and safety requirements include passing disposition on a background clearance and satisfactory completion of a substance screen.

Contact Information:

Nursing and Health Innovation, Edson College of
 Edson College of Nursing and Health Innovation
<https://nursingandhealth.asu.edu>
 HLTHN 113
nursingandhealth@asu.edu
 602-496-0937

Nursing (Nursing Education), MS (NUNURSEDMS)

Online Degree Search Title: Nursing (Nursing Education), MS

Campus: Downtown Phoenix, Online

Program Description:

The MS program in nursing education prepares nurses as educators to work in increasingly complex, technology-rich health environments with culturally diverse populations. The program is designed to foster scholarship, creativity and innovation as a foundation for leadership roles in teaching in academic and practice settings.

The program offers advanced-level courses in education that can be used to provide a transition to doctoral-level study, depending on career goals. At the completion of the program, graduates are eligible to take the National League for Nursing's Certified Nurse Educator certification examination.

Degree Requirements:

38 credit hours including the required applied project course (NUR 593).

Required Core (18 credit hours)

DNP 601 Theoretical Foundations for Advance Practice Nursing (3)
 DNP 602 Evaluating Research for Practice (3)
 DNP 604 Advanced Pathophysiology Across the Lifespan (4)
 DNP 608 Advanced Pharmacotherapeutics Across the Lifespan (3)
 NUR 501 Individual and Innovation Leadership in Advanced Nursing Practice (3)
 NUR 502 Advanced Health Assessment, Pathophysiology and Pharmacotherapeutics for Health Promotion I (2)

Concentration (12 credit hours)

NUR 670 Curriculum Development in Academic and Practice Settings (3)
 NUR 671 Teaching in Academic and Practice Settings (3)
 NUR 672 Design and Delivery of Mediated Instruction (3)
 NUR 673 Producing and Evaluating Programs for Academic and Practice Settings (3)

Other Requirements (5 credit hours)

NUR 509 Clinical Prevention and Population Health Practicum (2)
 NUR 579 Role-Focused Practicum: Nurse Educator (3)

Culminating Experience (3 credit hours)
NUR 593 Applied Project (3)

Additional Curriculum Information

This degree program culminates in an applied project related to learner-centered education. The core of the program consists of 18 credit hours of courses and a practicum. The program focuses on the science and art of nursing education, and includes theory and practice courses.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in nursing from a nationally recognized, regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- three professional letters of recommendation
- resume
- goal statement
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency per the Graduate College requirement and all requirements for the Commission on Graduates of Foreign Nursing Schools.

All students are also required to have an unencumbered Arizona RN license or an unencumbered compact state RN license as mandated by the Arizona State Board of Nursing. The RN license must remain unencumbered throughout enrollment in any nursing program.

An interview with program faculty is required.

There are no required admission examinations for this program.

Health and safety requirements include passing disposition on a background clearance and satisfactory completion of a substance screen.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/graduate/masters-nursing-education/>)

Contact Information:

Nursing and Health Innovation, Edson College of
Edson College of Nursing and Health Innovation
<https://nursingandhealth.asu.edu/programs/ms/nursing-nursing-educator-ms>
HLTHN 113
nursingandhealth@asu.edu
602-496-0937

Nursing and Healthcare Innovation, PHD (NUNHIPHD)

Online Degree Search Title: Nursing and Healthcare Innovation, PhD

Campus: Downtown Phoenix

Program Description:

The PhD program in nursing and health care innovation helps address a national need for faculty and researchers, positions which are increasingly in short supply.

The program is offered in a traditional on-site delivery format and innovative, synchronous online delivery and is designed to maintain a commitment to a highly mentored, interactive learning experience. Several different modalities are used to enhance the student's learning, including multimedia presentations, asynchronous discussion boards and live chats.

Concurrent Degrees:

This degree is also offered as concurrent degree program with Advanced Nursing Practice (Adult-Gerontology Nurse Practitioner), DNP

Degree Requirements:

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (30 credit hours)

NUR 601 Scientific Role Development I: Engaging and Committing (1)

NUR 602 State of the Science in Nursing and Healthcare Innovation (3)

NUR 603 Social and Contextual Issues in Nursing and Healthcare (3) or NUR 610 Genomics and Population Health (3)

NUR 604 Philosophy of Science Perspectives in Nursing and Healthcare Innovation (3)

NUR 605 Theory Analysis (3)

NUR 606 Scientific Role Development II: Validating and Demonstrating (1)

NUR 607 Scientific Role Development III: Bridging (1)

NUR 608 Qualitative Research Design and Methods (3)

NUR 609 Quantitative Research Design and Methods (3)

NUR 617 Foundational Concepts in Science and Statistics (3) or DNP 679 Biostatistics: Principals of Statistical Inference (3)

NUR 618 Advancing Research-Based Health Policy Through Leadership and Innovation Science (3) or DNP 711 Healthcare Policy and Innovation (3)

NUR 671 Teaching in Academic and Practice Settings (3)

Electives or Research (9 credit hours)

Other Requirements (3 credit hours)

NUR 680 Research Practicum in Nursing and Health Innovation (3)

Culminating Experience (12 credit hours)

NUR 799 Dissertation (12)

Additional Curriculum Information

When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used for this degree. If students do not have a previously awarded master's degree, the 30 hours of coursework will be made up of electives and research. From those elective and research hours, 12 credit hours are required in a substantive area of specialization and may be taken in any semester, based on availability and student interest. Twenty-four credit hours of coursework with a research focus are required, including 12 hours of dissertation credit.

Students are required to enroll in a minimum of nine credit hours per semester for years one and two of their plan of study. The plan of study can be as broad or as narrow as the student and the supervisory program committee deem necessary for the student's career goals. Students may choose from the following five substantive areas of study: aging, education, health care innovation leadership, healthy families or world health.

The program may incorporate courses from other disciplines to further refine substantive areas of study.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in nursing or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.50 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- current resume
- goal statement essay
- writing sample
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Applicants must show completion of a current inferential statistics prerequisite course.

GRE scores are recommended, but not required

Students are admitted once a year, to start in the fall semester.

Contact Information:

Nursing and Health Innovation, Edson College of
Edson College of Nursing and Health Innovation
<https://nursingandhealth.asu.edu/programs/phd/nursing-and-healthcare-innovation-phd>
MERCC 105
phdnursing@asu.edu
602-496-0930

Pediatric Nurse Practitioner (Certificate), Certificate (NUPDNPGRCT)

Online Degree Search Title: Pediatric Nurse Practitioner (Graduate Certificate)

Campus: Downtown Phoenix

Program Description:

This certificate program, accredited by the Commission on Collegiate Nursing Education, is designed for nurses who are board-certified in a different APRN specialty area who seek additional certification as a pediatric nurse practitioner or for nurses with a doctoral degree in nursing who seek to become a pediatric nurse practitioner.

Providing a foundation for this certificate are graduate courses in application of theory to advanced practice, application of evidence to advanced practice, advanced pathophysiology, advanced health assessment and advanced pharmacology. Advanced pediatric nursing theory and clinical courses focus on the development of a framework for developmentally supportive, family-centered, culturally appropriate advanced nursing practice with infants, children and families.

Focused clinical experiences are arranged with appropriate preceptors and administrators for students residing in Arizona. In-state students who live in Maricopa County are assigned clinical experiences in that geographic area. In-state students who live outside of Maricopa County may be assigned clinical placements in other areas of Arizona based on the college's ability to secure clinical agreements with those sites. In the event that clinical sites are unavailable in the student's geographical area OR if the faculty determines the student needs additional faculty supervision for clinical progress in the program, the student is required to complete the clinical experience in the Phoenix area.

Students residing outside of Arizona are responsible for identifying one or more clinical sites in their area of residence. These sites must be approved by the Edson College of Nursing and Health Innovation before starting any clinical experience.

Experiences with disadvantaged and multicultural populations are encouraged as are experiences in rural areas when sites are available for these experiences. These sites may be available in Maricopa County.

Degree Requirements:

32 credit hours.

Required Core (32 credit hours)

- DNP 640 Advanced Human Pathophysiology Pediatrics (4)
- DNP 641 Advanced Health Assessment Pediatrics (3)
- DNP 642 Applied Pharmacotherapeutics for Pediatrics (3)
- DNP 643 Developmentally Based Care of the Well Child (3)
- DNP 644 Well Child Advanced Practicum (3)
- DNP 645 Management of Common Problems in Pediatric Primary Care (3)
- DNP 646 Management of Common Problems in Pediatric Primary Care Practicum (5)
- DNP 647 Management of Complex and Chronic Health Problems in Pediatric Primary Care (3)
- DNP 648 Management of Complex and Chronic Problems Pediatric Primary Care Practicum (5)

Additional Curriculum Information

Nurses who complete this certificate program meet the eligibility requirements to take a national pediatric nurse practitioner certification examination. In addition to completing didactic courses, students complete 13 credit hours (585 clock hours) of pediatric practicum experiences in a community setting.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants are eligible to apply to the program if they have earned a bachelor's and master's degree in nursing from a nationally recognized, regionally accredited academic institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- documentation of a current unencumbered RN license in the state in which the student plans to do clinical practicums
- three professional letters of recommendation
- resume
- goal statement
- admission essay
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency per the Graduate College requirement and all requirements for the Commission on Graduates of Foreign Nursing Schools.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission be considered for admission to this certificate program.

All students are also required to have an unencumbered Arizona RN license or an unencumbered compact state RN license as mandated by the Arizona State Board of Nursing. The RN license must remain unencumbered throughout enrollment in any nursing program.

Applicants are required to have an in-person interview with the program faculty.

Applicants are asked to read *The Essentials of Doctoral Education for Advanced Nursing Practice (2006)* and then submit an admission essay. It should contain the following:

- description of career goals for the next five to 10 years and discussion about how an NP certificate from ASU will help meet these goals
- description of how meeting one of the first seven essentials (from the prescribed reading, above) will further the career goals

All Edson College of Nursing and Health Innovation students are required to complete health and safety requirements, and they must have a passing disposition on a background clearance and satisfactory completion of a substance screen with the program's identified agency.

One year of clinical experience working within the student's specialty population is preferred.

Contact Information:

Nursing and Health Innovation, Edson College of
Edson College of Nursing and Health Innovation
<https://nursingandhealth.asu.edu/>
HLTHN 113
nursingandhealth@asu.edu
602-496-0907

Regulatory Science, MS (NURSHSMS)

Online Degree Search Title: Regulatory Science, MS

Campus: Downtown Phoenix, Online

Program Description:

The MS program in regulatory science is designed to prepare students for careers in the field of regulatory affairs. It focuses on safety as a fundamental aspect of regulatory science, the application of regulations throughout the life cycle of medical products, and compliance with regulations in the development, approval and marketing of medical products. The program incorporates a transdisciplinary approach to meet the unique needs of regulating bodies and the regulated industry. It encompasses coursework in clinical research, ethics, quality systems, legal aspects and global regulatory affairs in the regulatory field.

Degree Requirements:

33 credit hours including the required applied project course (HCR 593).

Required Core (18 credit hours)

HCR 553 Quality Assurance and Clinical Research (3)
HCR 561 Responsible Conduct of Clinical Research (3)
HCR 563 Fundamentals of Regulatory Affairs (3)
HCR 576 Drug Discovery, Development and Regulations (3)
HCR 577 Global Regulatory Affairs (3)
HCR 578 Legal Aspects of Clinical Research (3)

Restricted Electives (12 credit hours)

HCR 552 Medical Device Development and Regulation (3)
HCR 555 Pharmaceutical Safety and Risk Management (3)
HCR 557 Clinical Research Design and Methods (3)
HCR 558 Technical Writing for the Regulatory Professional (3)
HCR 564 Global Regulatory Affairs Leadership (3)
HCR 568 Health Care Project Management (3)
HCR 575 Contracting and Budgeting for Industry-Sponsored Clinical Trials (3)
HCR 579 Translational Research in Drug Discovery and Development (3)

Culminating Experience (3 credit hours)

HCR 593 Applied Project (3)

Additional Curriculum Information

For electives coursework, students choose four courses for 12 credit hours from the restricted electives list. Other coursework may be substituted with approval from the academic unit.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a nationally recognized, regionally accredited academic institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- resume or curriculum vitae
- two online recommendations
- personal statement
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The online references should be from professional colleagues, supervisors, professors or other professional contacts and should attest to the applicant's academic and leadership experiences.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/graduate/regulatory-science-ms/>)

Contact Information:

Nursing and Health Innovation, Edson College of
Edson College of Nursing and Health Innovation
<https://nursingandhealth.asu.edu>
MERCC 250
ClinicalResearchMgmt@asu.edu
602-496-0937

Regulatory Science (Food Safety), MS (NURGSCFSMS)

Online Degree Search Title: Regulatory Science (Food Safety), MS

Campus: Online

Program Description:

The concentration in food safety within the MS program in regulatory science offers specialized training and knowledge in the protection and safety of food. Curriculum is aligned with local, state and national health and safety initiatives and integrates with the regulatory focus of the Food and Drug Administration.

Degree Requirements:

33 credit hours including an applied project (HCR 593).

Required Core (18 credit hours)

HCR 553 Quality Assurance and Clinical Research (3)

HCR 561 Responsible Conduct of Clinical Research (3)

HCR 563 Fundamentals of Regulatory Affairs (3)

HCR 576 Drug Discovery, Development and Regulations (3)

HCR 577 Global Regulatory Affairs (3)

HCR 578 Legal Aspects of Clinical Research (3)

Concentration (12 credit hours)

HCR 543 Food Safety and Protection (3)

HCR 544 Assessing Food Safety and Developing Policy Procedures and Training (3)

HCR 550 Quality Assurance and Safety in Food and Dietary Supplements (3)

HCR 558 Technical Writing for the Regulatory Professional (3)

Culminating Experience (3 credit hours)

HCR 593 Applied Project (3)

Additional Curriculum Information

The culminating experience is an applied project course that includes a project based on a food topic studied during the degree program. Students choose a scientific, technical or regulatory project that includes a research protocol or professional presentation to industry professionals.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's science-based or related field degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:

- graduate admission application and application fee
- official transcripts
- three letters of recommendation
- professional resume
- written statement

- proof of English proficiency

Additional Application information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/graduate/masters-food-science/>)

Contact Information:

Nursing and Health Innovation, Edson College of
Edson College of Nursing and Health Innovation
<https://nursingandhealth.asu.edu/>
HLTHS 308
nursingandhealth@asu.edu
602-496-2644

Women's Health Nurse Practitioner (Certificate), Certificate (NUWHNPGRCT)

Online Degree Search Title: Women's Health Nurse Practitioner (Graduate Certificate)

Campus: Downtown Phoenix

Program Description:

This certificate program, accredited by the Commission on Collegiate Nursing Education, is designed for nurses with a master's degree in nursing who seek to become women's health nurse practitioners or for nurse practitioners with a master's degree or DNP who seek additional certification as women's health nurse practitioners.

This women's health nurse practitioner certificate program is offered in a hybrid iCourse and in-person format that requires students to travel to campus for orientation and then two or three times per semester. Women's health care theory and clinical courses include theories, principles and clinical skills in the care of women and their families. Courses focus on critical thinking, diagnosis, problem-solving and nursing management of women throughout the maternity cycle and with common gynecological problems. Client education, communication and collaboration are emphasized.

Focused clinical experiences are arranged with appropriate preceptors and administrators. Every attempt is made to arrange this in the student's geographical area. In the event that clinical sites are unavailable in that area or if faculty determine the student needs additional faculty supervision of skills, the student is required to complete the clinical experience in the Phoenix area. Rural health and experiences with disadvantaged and multicultural populations are encouraged, and sites are available for these experiences.

Degree Requirements:

23 credit hours.

Required Core (23 credit hours)

DNP 613 Women's Health Promotion I (3)

DNP 614 Women's Health Practicum I (3)

DNP 615 Management of Common Problems in Women's Health (3)

DNP 616 Advanced Women's Health Practicum II (5)

DNP 617 Management of Complex and Chronic Disease in Women (3)

DNP 618 Advanced Women's Health Practicum III (6)

Additional Curriculum Information

Nurses who complete this certificate meet the eligibility requirements to take the national women's health nurse practitioner certification examination. In addition to completing didactic courses, students complete 14 credit hours (630 clock hours) of practicum experiences in a community setting.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Edson College of Nursing and Health Innovation.

Applicants are eligible to apply to the program if they have earned a bachelor's and master's degree in nursing from a nationally recognized, regionally accredited academic institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- documentation of a current unencumbered RN license in the state in which the student plans to do clinical practicums
- three professional letters of recommendation
- resume
- admission essay
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency per the Graduate College requirement and all requirements for the Commission on Graduates of Foreign Nursing Schools.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission be considered for admission to this certificate program.

All students are also required to have an unencumbered Arizona RN license or an unencumbered compact state RN license as mandated by the Arizona State Board of Nursing. The RN license must remain unencumbered throughout enrollment in any nursing program.

Applicants are required to have an in-person interview with the program faculty.

Applicants are asked to submit an admission essay addressing the applicant's career goals for the next five to 10 years and how obtaining an NP certificate from Arizona State University will help them meet these goals and how meeting one of the first seven essentials from The Essentials of Doctoral Education for Advanced Nursing Practice (2006) will further their career goals.

All Edson College of Nursing and Health Innovation students are required to complete health and safety requirements, and must have a passing disposition on a background clearance and satisfactory completion of a substance screen with the program's identified agency.

One year of clinical experience working within the student's specialty population is preferred.

For U.S. Department of Education Gainful Employment Program Disclosure information, students should refer to the College of Nursing and Health Innovation website.

Contact Information:

Nursing and Health Innovation, Edson College of
Edson College of Nursing and Health Innovation
<https://nursingandhealth.asu.edu>
HLTHN 113
nursingandhealth@asu.edu
602-496-0937

Public Service and Community Solutions, Watts College of

Assessment of Integrative Health Modalities (certificate), Certificate (PPSWGGRCH)

Online Degree Search Title: Assessment of Integrative Health Modalities (Graduate Certificate)

Campus: Downtown Phoenix

Program Description:

The graduate certificate program in assessment of integrative health modalities provides students with extensive knowledge of integrative health practices and with an experiential and didactic experience in which cutting-edge research is explored, advanced skills are developed and a mindfulness practice is nurtured.

Students may complete either of the following options to satisfy the culminating project requirement: explore deeper a topic of interest by completing an individual research paper or perform a community activity that demonstrates mastery and application of the advanced skills acquired while enrolled in the certificate.

Degree Requirements:

15 credit hours.

Required Core (9 credit hours)

SWG 655 Quality of Life, Mastering Mindfulness (3)

SWG 656 Treating the Whole Person (3)

SWG 657 Holistic Therapies for Modern Times (3)

Transdisciplinary Electives (6)

Additional Curriculum Information

After the completion of the three approved courses and prior to completing the last course of the program, students are required to complete a research project highlighting their certificate experience.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in health or human services or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- proof of English proficiency

In addition, applicants are required to submit to the School of Social Work:

- a resume
- a one- to two-page statement
- the School of Social Work application to the assessment of integrative health modalities certificate program

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa will first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

This certificate is open to professionals in social work, nursing or related health and human service professions from the community as well as to students currently admitted to a health and human services degree program at the master's or doctoral level.

No more than two certificate courses may be completed before applying for admission to the certificate program.

Contact Information:

Public Service and Community Solutions, Watts College of

School of Social Work

<https://socialwork.asu.edu>

UCENT 800

social.work@asu.edu

602-496-0800

Community Development Practice, MPS (PPCMDVPMPS)

Online Degree Search Title: Community Development Practice, MPS

Campus: Downtown Phoenix

Program Description:

The MPS program in community development practice trains existing and future practitioners in approaches to developing healthy, sustainable and resilient communities. The program provides students with historical and theoretical foundations, applied research skills and core competencies centered around community building, development practices and the facilitation of democratic and cross-sector collaboration toward social innovation and community solutions. This program allows students to establish an emphasis on topics like housing and economic development,

education, social and environmental justice, health and sustainability, drawing from the extensive expertise of ASU faculty.

Graduates are highly competitive for careers in community development practice, in areas such as in local governance, nonprofit and philanthropic sectors, as well as for doctoral programs in community development, urban studies, public policy and related fields.

Degree Requirements:

30 credit hours including the required capstone course (CRD 596).

Required Core (15 credit hours)

CRD 570 Foundations of Community Development (3)

CRD 571 The Community Development Process (3)

CRD 573 Local and Regional Development (3)

CRD 574 Applied Research Skills (3)

CRD 577 Community Building Practice (3)

Electives (12 credit hours)

Culminating Experience (3 credit hours)

CRD 596 Community Development Capstone (3)

Additional Curriculum Information

Students are highly encouraged to work with a faculty advisor to establish an area of emphasis. The plan of study includes 12 credit hours of electives so students may gain specialized expertise in a specific area. Some examples include arts, culture and design, business, communications, education, health, housing and economic development, law, social justice, sustainability, urban and environmental planning and urban design. Students should see the academic unit for suggested areas of emphasis and electives.

Students may select electives that are not on the approved electives list with administrative approval and by articulating the relevance to their plan of study.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:

- graduate admission application and application fee
- official transcripts
- three letters of recommendation
- letter of intent
- professional resume
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Contact Information:

Public Service and Community Solutions, Watts College of
School of Community Resources and Development
<https://scrd.asu.edu/>
UCENT 550
scrd@asu.edu
602-496-0550

Community Resources and Development, MS (PPRECDTMS)

Online Degree Search Title: Community Resources and Development, MS

Campus: Downtown Phoenix

Program Description:

The MS in community resources and development is offered by the School of Community Resources and Development. The master's degree program prepares students to analyze and understand critical topics and issues pertinent to the fields of tourism, parks and recreation management, nonprofits and nongovernmental organizations, and sustainable communities.

Students choose between two academic options: the thesis or the professional option.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Nonprofit Leadership and Management, BS
- Parks and Recreation Management, BS
- Parks and Recreation Management (Therapeutic Recreation), BS
- Tourism Development and Management, BS
- Tourism Development and Management (Resort and Hotel Leadership), BS
- Tourism Development and Management (Sustainable Tourism), BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

30 credit hours and a thesis, or 36 credit hours and a master's research paper.

Required Core (15 credit hours)

CRD 500 Research Methods (3)

CRD 502 Statistical and Data Analysis (3)

CRD 530 Community Services Management (3) or advanced inquiry course (3)

CRD 552 Critical Issues (3)

CRD 555 Theoretical Perspectives in Community Development (3)

Electives (9 or 15 credit hours)

Culminating Experience (6 credit hours)

CRD 593 Applied Project (6) or

CRD 599 Thesis (6)

Additional Curriculum Information

Completion of the master's degree in community resources and development requires two years of study, on the average.

Students may select a thesis or applied project. The thesis option is a research-oriented program and is recommended for students planning to continue graduate studies beyond the master's degree. The applied project option is intended for students seeking additional knowledge and expertise relevant to professional career development. Advising and direction in both options are under the direct supervision of an assigned faculty member.

Students in the applied project option take CRD 530 as part of their core coursework and 15 credit hours of electives.

Students in the thesis option take an advanced inquiry course as part of their core coursework and nine credit hours of electives. The thesis must be defended in an oral examination before a supervisory committee of at least three faculty members, one of whom resides in another department.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- statement of professional and academic goals
- three letters of recommendation
- current resume
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International applicants are also required to submit TOEFL or IELTS scores and a financial guarantee statement.

Only complete application files are reviewed or considered for admission. Applicants without undergraduate academic work in related disciplines are required to take six credit hours of deficiency coursework in addition to the master's degree requirements. Deficiency coursework may be taken in conjunction with master's degree classes.

Applicants should see the program website for application deadlines.

Contact Information:

Public Service and Community Solutions, Watts College of
School of Community Resources and Development
<https://scrd.asu.edu/content/degree-programs>
UCENT 550
scrd@asu.edu
602-496-0550

Community Resources and Development, PHD (PPCRDPHD)

Online Degree Search Title: Community Resources and Development, PhD

Campus: Downtown Phoenix

Program Description:

The PhD in community resources and development is a research-intensive doctoral degree program grounded in theory and designed to prepare graduates for research-oriented careers in higher education, governmental agencies, nonprofit organizations and private-sector businesses. The program is based on the concept of building sustainable and healthy communities as the unifying principle in the established focus areas of community studies, nonprofit leadership and management, parks, recreation and leisure, and tourism development and management.

The theoretical and methodological approaches embedded in this program serve to integrate scholarship in these areas, in order for students to gain a more meaningful understanding of and impact on community life and dynamics.

The program is transdisciplinary in nature. The core faculty engaged in this program are housed in the School of Community Resources and Development. In addition, the program builds on current collaborations with faculty with related research interests from many ASU departments, schools and centers.

Degree Requirements:

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (24 credit hours)

CRD 610 Sustainable Communities (3)

CRD 620 Community Research Methods (3)

CRD 640 Research Seminar in Community Resources and Development I (3)

CRD 650 Research Seminar II (3)

CRD 683 Fieldwork (3)
REC 502 Statistical and Data Analysis (3)
REC 555 Theoretical Perspectives in Community Development (3)
advanced statistics or methods (3)

Electives or Research (18 credit hours)

Culminating Experience (12 credit hours)
CRD 799 Dissertation (12)

Additional Curricular Information

Up to 30 hours from a previously awarded master's degree can count toward the doctoral requirements.

All students are advised as a cohort initially by the doctoral program director. Students are required to take 24 credit hours of core coursework, 15 hours of which are with the cohort during the first year and six hours of which are with the cohort during the second year. Students are assigned an individual advisor or mentor at the end of the first year of study. A supervisory committee is also formed at the end of the first year which reflects the interests of the student and faculty.

Each student develops a plan of study in consultation with the doctoral program coordinator, advisor and supervisory committee. Students complete elective coursework, including courses from contributing disciplines, selected in consultation with their advisor to foster the transdisciplinary nature of the degree program. Students also complete at least six credit hours of CRD 792 Research and 12 credit hours of CRD 799 Dissertation. When the majority of coursework has been completed and before dissertation research is started, students must complete a written examination followed by an oral examination. These examinations must be completed within five years of admission.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- current and professional resume
- statement of academic and professional goals
- GRE test scores
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International applicants are also required to submit TOEFL or IELTS scores and a financial guarantee statement. The minimum TOEFL requirement is 550 (PBT) or 80 (iBT). The minimum IELTS requirement is an overall band score of 6.5 (no individual band below a 6.0). The TOEFL or IELTS must have been taken within the last two years.

GRE must be taken within the past five years. Applicants are expected to meet the GRE minimum requirements (based on the new scoring system after August 2011) of combined score of at least 300 (old system 1000), verbal minimum of 146 (old system 400), quantitative minimum of 140 (old system 400), and writing of 3.5 (same for new and old systems).

The statement of academic and professional goals should be in sufficient detail to indicate compatibility with the educational objectives and capabilities of the doctoral program (approximately three pages single spaced). Applicants need to explain their research interests and indicate the faculty member with whom they would like to work. Students should review faculty profiles (https://scrd.asu.edu/faculty_directory (https://scrd.asu.edu/faculty_directory)) to learn their research expertise. Applicants are encouraged to contact the PhD program director prior to application submission to discuss interests and fit with the program and faculty. They are also encouraged to contact faculty with similar interests to discuss their fit with the program. Successful statements should make it clear why the applicants have chosen to do a doctorate in community resources and development and how this program will fulfill their career goals.

The recommendation letters may be a mix of academic and professional references, but each must address the applicant's capacity to successfully complete the doctoral program.

Students applying to the program are expected to have a master's degree (from an accredited institution) which included a master's degree-level research methods and statistics class or classes. If deficiencies exist in community resource and development-related coursework at the master's degree level, appropriate classes are suggested.

The PhD in community resources and development is designed as a full-time, research-intensive program. Students are admitted once a year as a cohort and are generally expected to complete the degree in three to four years. A small number of part-time students on a longer completion time frame may be admitted when space is available. The school does not provide funding for part-time students.

Applications are reviewed by the admission committee and recommendations for admission are then made by the graduate program director to the dean of the Graduate College.

Contact Information:

Public Service and Community Solutions, Watts College of
School of Community Resources and Development
<https://scrd.asu.edu>
UCENT 550
scrd@asu.edu
602-496-0550

Community Resources and Development (Nonprofits and NGOs), MS (PPCRDNPMS)

Online Degree Search Title: Community Resources and Development (Nonprofits and NGOs), MS

Campus: Downtown Phoenix

Program Description:

The MS in community resources and development with a concentration in nonprofits and NGOs is a research-oriented degree program designed to prepare students for careers in governmental agencies, nonprofit organizations and private-sector businesses. Students learn to analyze and understand critical topics and issues pertinent to the fields of tourism, parks and recreation management, nonprofits and nongovernmental organizations, and sustainable communities.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Nonprofit Leadership and Management, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

30 credit hours and a thesis, or 36 credit hours including the required capstone course (CRD 580).

Required Core (15 credit hours)

CRD 500 Research Methods (3)

CRD 502 Statistical and Data Analysis (3)

CRD 530 Community Services Management (3) or advanced inquiry course (3)

CRD 552 Critical Issues (3)

CRD 555 Theoretical Perspectives in Community Development (3)

Required Concentration (6 credit hours)

NLM 510 The Nonprofit Sector (3)

NLM 562 Social Entrepreneurship (3)

Elective or Research (3 or 9 credit hours)

Culminating Experience (6 credit hours)

CRD 593 Applied Project (6) or

CRD 599 Thesis (6)

Additional Curriculum Information

Completion of the master's degree in community resources and development requires two years of study, on the average. Students may select a thesis or applied project. Advising and direction in both options are under the direct supervision of an assigned faculty member.

The thesis option is a research-oriented program and is recommended for students planning to continue graduate studies beyond the master's degree. Students in the thesis option will take an advanced inquiry course, and they will take three credit hours of elective coursework. The thesis

option must be defended in an oral examination before a supervisory committee of at least three faculty members, one of whom will reside in another department.

The applied project is intended for students seeking additional knowledge and expertise relevant to professional career development. Students in the applied project option take CRD 530 as part of their core coursework and will take nine credit hours of electives.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- statement of professional and academic goals
- three letters of recommendation
- current resume
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Only complete application files are reviewed or considered for admission. Students without undergraduate academic work in related disciplines are required to take six credit hours of deficiency coursework in addition to the master's degree requirements. Deficiency coursework may be taken in conjunction with master's degree-level classes.

Applicants interested in financial aid need to submit their applications by February 1 for fall semester admission and October 1 for spring semester admission. Applications will also be accepted on a rolling basis.

Contact Information:

Public Service and Community Solutions, Watts College of
School of Community Resources and Development
<https://scrd.asu.edu/>
UCENT 550
scrd@asu.edu
602-496-0550

Community Resources and Development (Parks and Recreation Management), MS (PPCRDPRMS)

Online Degree Search Title: Community Resources and Development (Parks and Recreation Management), MS

Campus: Downtown Phoenix

Program Description:

The MS in community resources and development with a concentration in parks and recreation management is a research-oriented master's degree program designed to prepare graduates for careers in governmental agencies, nonprofit organizations and private-sector businesses. Students learn to analyze and understand critical topics and issues pertinent to the fields of tourism, parks and recreation management, nonprofits and nongovernmental organizations, and sustainable communities.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Parks and Recreation Management, BS

Parks and Recreation Management (Therapeutic Recreation), BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

30 credit hours and a thesis, or 36 credit hours including the required applied project course (CRD 593).

Required Core (15 credit hours)

CRD 500 Research Methods (3)

CRD 502 Statistical and Data Analysis (3)

CRD 530 Community Services Management (3) or advanced inquiry course (3)

CRD 552 Critical Issues (3)

CRD 555 Theoretical Perspectives in Community Development (3)

Concentration (6 credit hours)

CRD 569 Advanced Tourism and Recreation Studies (3)

TDM 570 Sustainable Tourism (3)

Electives (3 or 9 credit hours)

Culminating Experience (6 credit hours)

CRD 593 Applied Project (6) or

CRD 599 Thesis (6)

Additional Curriculum Information

Completion of the master's degree program in community resources and development requires two years of study, on the average. Students may select a thesis or applied project. Advising and direction in both options are under the direct supervision of an assigned faculty member.

The thesis option is a research-oriented program and is recommended for students planning to continue graduate studies beyond the master's degree. Students in the thesis option take an advanced inquiry course, and they take three credit hours of elective coursework. The thesis must be defended in an oral examination before a supervisory committee of at least three faculty members, one of whom resides in another department.

The applied project option is intended for students seeking additional knowledge and expertise relevant to professional career development. Students in the applied project option take CRD 530 as part of their core coursework and take nine credit hours of electives.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- statement of professional and academic goals
- three letters of recommendation
- current resume
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International applicants are also required to submit TOEFL or IELTS scores and a financial guarantee statement.

Only complete application files are reviewed or considered for admission. Applicants without undergraduate academic work in related disciplines are required to take six credit hours of deficiency coursework in addition to the master's degree requirements. Deficiency coursework may be taken in conjunction with master's degree-level classes.

Applicants should see the program website for application deadlines.

Contact Information:

Public Service and Community Solutions, Watts College of
School of Community Resources and Development

<https://scrd.asu.edu/content/degree-programs>

UCENT 550

scrd@asu.edu

602-496-0550

Community Resources and Development (Sustainable Communities), MS (PPCRDSCMS)

Online Degree Search Title: Community Resources and Development (Sustainable Communities), MS

Campus: Downtown Phoenix

Program Description:

The MS in community resources and development with a concentration in sustainable communities is a research-oriented master's degree program designed to prepare graduates for careers in governmental agencies, nonprofit organizations and private-sector businesses by teaching them to analyze and understand critical topics and issues pertinent to the fields of tourism, parks and recreation management; nonprofits and nongovernmental organizations; and sustainable communities.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Parks and Recreation Management, BS

Parks and Recreation Management (Therapeutic Recreation), BS

Tourism Development and Management, BS

Tourism Development and Management (Resort and Hotel Leadership), BS

Tourism Development and Management (Sustainable Tourism), BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

30 credit hours and a thesis, or 36 credit hours including the required applied project (CRD 593).

Required Core (15 credit hours)

CRD 500 Research Methods (3)

CRD 502 Statistical and Data Analysis (3)

CRD 530 Community Services Management (3) or advanced inquiry course (3)

CRD 552 Critical Issues (3)

CRD 555 Theoretical Perspectives in Community Development (3)

Concentration (6 credit hours)

CRD 610 Sustainable Communities (3)

NLM 562 Social Entrepreneurship (3) or

NLM 572 Community and Social Innovations (3)

Electives (3 or 9 credit hours)

Culminating Experience (6 credit hours)

CRD 593 Applied Project (6) or

CRD 599 Thesis (6)

Additional Curriculum Information

Completion of the master's degree program in community resources and development requires two years of study on average. Students may select a thesis or applied project. Advising and direction in both options are under the direct supervision of an assigned faculty member.

The thesis option is a research-oriented program and is recommended for students planning to continue graduate studies beyond the master's degree. Students in the thesis option will take an advanced inquiry course, and they will take three credit hours of elective coursework. The thesis option must be defended in an oral examination before a supervisory committee of at least three faculty members, one of whom will reside in another department.

The applied project is intended for students seeking additional knowledge and expertise relevant to professional career development. Students in the applied project option take CRD 530 as part of their core coursework and will take nine credit hours of electives.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in a related discipline, from a regionally accredited institution.

Applicants must have a minimum GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- statement of professional and academic goals
- three letters of recommendation
- current resume
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Only complete application files are reviewed or considered for admission. Applicants without undergraduate academic work in related disciplines are required to take six credit hours of deficiency coursework in addition to the master's degree requirements. Deficiency coursework may be taken in conjunction with master's degree classes.

Applicants should see the program website for application deadlines.

Contact Information:

Public Service and Community Solutions, Watts College of
School of Community Resources and Development
<https://scrd.asu.edu>
UCENT 550
scrd@asu.edu
602-496-0550

Community Resources and Development (Tourism), MS (PPCRDTMMS)

Online Degree Search Title: Community Resources and Development (Tourism), MS

Campus: Downtown Phoenix

Program Description:

The MS in community resources and development with a concentration in tourism is a research-oriented master's degree program designed to prepare graduates for careers in governmental agencies, nonprofit organizations and private-sector businesses. Students learn to analyze and understand critical topics and issues pertinent to the fields of tourism, parks and recreation management, nonprofits and nongovernmental organizations, and sustainable communities.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Tourism Development and Management, BS
- Tourism Development and Management (Resort and Hotel Leadership), BS
- Tourism Development and Management (Sustainable Tourism), BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

30 credit hours and a thesis, or 36 credit hours including the required capstone course (CRD 580).

Required Core (15 credit hours)

CRD 500 Research Methods (3)

CRD 502 Statistical and Data Analysis (3)

CRD 530 Community Services Management (3) or advanced inquiry course (3)

CRD 552 Critical Issues (3)

CRD 555 Theoretical Perspectives in Community Development (3)

Concentration (6 credit hours)

CRD 569 Advanced Tourism and Recreation Studies (3)

TDM 570 Sustainable Tourism (3)

Electives (3 or 9 credit hours)

Culminating Experience (6 credit hours)

CRD 593 Applied Project (6) or

CRD 599 Thesis (6)

Additional Curriculum Information

Completion of the master's degree program in community resources and development requires two years of study on average. Students may select a thesis or applied project. Advising and direction in both options are under the direct supervision of an assigned faculty member.

The thesis option is a research-oriented program and is recommended for students planning to continue graduate studies beyond the master's degree. Students in the thesis option take an advanced inquiry course, and they take three credit hours of elective coursework. The thesis option must be defended in an oral examination before a supervisory committee of at least three faculty members, one of whom resides in another department.

The applied project is intended for students seeking additional knowledge and expertise relevant to professional career development. Students in the applied project option take CRD 530 as part of their core coursework and take nine credit hours of electives.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in a related discipline, from a regionally accredited institution.

Applicants must have a minimum GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- statement of professional and academic goals
- three letters of recommendation
- current resume
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Only complete application files are reviewed or considered for admission. Applicants without undergraduate academic work in related disciplines are required to take six credit hours of deficiency coursework in addition to the master's degree requirements. Deficiency coursework may be taken in conjunction with master's degree classes.

Applicants should see the program website for application deadlines.

Contact Information:

Public Service and Community Solutions, Watts College of

School of Community Resources and Development

<https://scrd.asu.edu>

UCENT 550

scrd@asu.edu

602-496-0550

Corrections Management (Certificate), Certificate (PPCMGGRCT)

Online Degree Search Title: Corrections Management (Graduate Certificate)

Campus: Online

Program Description:

The graduate certificate in corrections management provides coursework in criminal justice organizations, corrections and community supervision, institutional management and in cross-disciplines such as public administration. The certificate program is designed to give students a solid foundational understanding of correctional administration, leadership and policy analysis.

Degree Requirements:

15 credit hours.

Required Core (12 credit hours)

CRJ 514 Seminar in Corrections (3)

CRJ 516 Seminar in Criminal Justice Organization and Management (3)

CRJ 528 Prison and Jail Administration OR CRJ 529 Community Corrections (3)

PAF 520 Public Management (3)

Electives (3 credit hours)

Additional Curricular Information

For electives, students should see the academic unit for the approved course list. There is no required culminating experience for this program.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application
- official transcripts
- written statement of career and educational goals
- proof of English proficiency

Students not admitted to a graduate degree-granting program at ASU (nondegree-seeking students) must also submit two letters of recommendation and a current resume.

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Students from related fields, such as public policy, political science, psychology, sociology, as well as other social science degrees, might be interested in this program; however, all eligible students will be considered. Although most students would most likely come from the aforementioned degree fields, there is no specific undergraduate degree major required for admission; the school will accept applicants with undergraduate degrees from all educational backgrounds.

There are no required admission examinations for this program.

Students should see the program website for application deadlines and admission terms.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/certificates/graduate-certificate-corrections-management/>)

Contact Information:

Public Service and Community Solutions, Watts College of

School of Criminology and Criminal Justice

<https://ccj.asu.edu>

UCENT 600

gradscj@asu.edu

602-496-2356

Criminal Justice, MA (PPCRIMJMA)

Online Degree Search Title: Criminal Justice, MA

Campus: Online

Program Description:

The MA program in criminal justice is designed to provide criminal justice agency professionals with coursework in criminology and the operation of the criminal justice system and with training in research methods and statistics. The degree program also provides students with advanced training in program planning and management, policy analysis and program evaluation.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Criminology and Criminal Justice, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

33 credit hours including the required capstone course (CRJ 505).

Required Core (12 credit hours)

CRJ 501 Seminar in Criminal Justice (3)

CRJ 502 Seminar in Criminology (3)

CRJ 510 Criminal Justice Planning and Program Evaluation (3)

CRJ 511 Applied Data Analysis in Criminal Justice (3)

Electives (18 credit hours)

Culminating Experience (3 credit hours)

Capstone Course: CRJ 505 Theory and Practice in Criminal Justice (3)

Additional Curriculum Information

Students can develop specializations in areas such as policing, corrections and management by combining required and elective coursework.

Students should see the academic unit for an approved elective course list. Electives must be at the 500 level.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in criminology or criminal justice or another closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- two letters of recommendation
- a written statement
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The written statement should be at least one page in length and describe the applicant's educational and career goals and long-term professional development strategy

Students should see the academic unit website for application deadlines.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/graduate/master-arts-criminal-justice/>)

Contact Information:

Public Service and Community Solutions, Watts College of
School of Criminology and Criminal Justice

<https://ccj.asu.edu/degree-programs/Graduate-1/law-enforcement-administration>

UCENT 600
gradscj@asu.edu
602-496-2356

Criminal Sentencing and Sentencing Advocacy (Certificate), Certificate (PPCSAGRCT)

Online Degree Search Title: Criminal Sentencing and Sentencing Advocacy (Graduate Certificate)

Campus: Online

Program Description:

Social workers, criminal justice professionals and recent graduates of psychology and other social and behavioral sciences perform a number of roles in the disposition and sentencing of public offenders. They also provide support for victims of crime during the criminal justice process.

The certificate program in criminal sentencing and sentencing advocacy assumes that in order for any professional to function effectively they must have a fundamental knowledge of the respective roles sentencing professionals play during various phases of the criminal justice process.

In keeping with this viewpoint, all students are required to take courses for practice as both a presentence investigator and a sentencing advocate. Those courses are seminars in courts and sentencing, in presentence investigations, and in alternatives to penal sanctions. After taking these required courses, they select an area of specialization to further their expertise as either a probation professional, mitigation specialist or victim advocate. They take these courses from a range of electives available in the schools of Criminology and Criminal Justice and Social Work.

This interprofessional certificate program also provides participants with content on the relationship between mental disorder and crime and the way in which differential sentencing frameworks affect the sentencing of offenders suffering from mental disorders. This course is highly recommended for social workers desiring to practice as mitigation specialists and in criminal justice professions responsible for making recommendations about the appropriateness of sentencing alternatives.

Degree Requirements:

15 credit hours.

Required Core (9 credit hours)

CRJ 513 Seminar in Courts and Sentencing (3)

SWG 528 Presentence Investigations (3)

SWG 529 Alternatives Penal Sanctions (3)

Electives (6 credit hours)

Additional Curriculum Information

For electives, students should see the academic unit for the approved course list.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in social work, criminology, criminal justice or a related field, or if they are individuals who are currently enrolled in the master of criminal justice program.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

There are no required admission examinations for this program.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/certificates/graduate-certificate-criminal-sentencing-and-sentencing-advocacy/>)

Contact Information:

Public Service and Community Solutions, Watts College of
School of Social Work
<https://socialwork.asu.edu>
UCENT 800
social.work@asu.edu
602-496-0800

Criminology and Criminal Justice, MS (PPCRJMS)

Online Degree Search Title: Criminology and Criminal Justice, MS

Campus: Downtown Phoenix

Program Description:

The MS in criminology and criminal justice is a research degree program designed to provide students with a high level of theoretical and empirical knowledge about crime and criminal justice.

The program provides students with the advanced research skills needed for careers as criminal justice researchers, leadership roles in criminal justice and related agencies and organizations, and for continued study in doctoral programs in criminology and criminal justice

Concurrent Degrees:

This degree is also offered as concurrent degree program with:

Public Administration - Downtown Phoenix, MPA

Public Policy, MPP

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Criminology and Criminal Justice, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

33 credit hours and a thesis, or 33 credit hours including the required capstone course (CRJ 505).

Required Core (12 credit hours)

CRJ 501 Seminar in Criminal Justice (3)

CRJ 502 Seminar in Criminology (3)

CRJ 503 Research Methods for Criminal Justice (3)

CRJ 504 Statistical Tools for Criminology and Criminal Justice (3)

Systems Courses (6 credit hours)

CRJ 512 Seminar in Policing (3)

CRJ 513 Seminar in Courts and Sentencing (3)

CRJ 514 Seminar in Corrections (3)

Electives (6-12 credits hours)

Other Requirement (0-3 credit hours)

CRJ 604 Advanced Statistical Analysis (3)

Culminating Experience: (3-6 credit hours)

CRJ 505 Theory and Practice in Criminal Justice (3) or

CRJ 599 Thesis (6)

Additional Curriculum Information

Students select two of the three systems courses listed above.

For the culminating experience, students choose either the thesis option or the capstone course. CRJ 604 Advanced Statistical Analysis is only required for the thesis option. To satisfy the thesis requirements for the degree, candidates must write a thesis and defend it in an oral examination conducted by the student's thesis committee. Students in the capstone option are not required to take CRJ 604.

Each student's program is designed in consultation with the faculty advisor.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants eligible to apply to the program if they have earned a bachelor's or master's degree in criminology or criminal justice or another closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- two letters of recommendation
- personal statement
- GRE scores
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The personal statement should address the applicant's prior education and professional experience, discuss the applicant's career goals and explain how the degree will help the applicant achieve these goals.

The GRE scores must be from within the last five years.

Applicants should see the program website for application deadlines.

Contact Information:

Public Service and Community Solutions, Watts College of
School of Criminology and Criminal Justice
<https://ccj.asu.edu/>
UCENT 600
gradscj@asu.edu
602-496-2356

Criminology and Criminal Justice, PHD (PPCRJPHD)

Online Degree Search Title: Criminology and Criminal Justice, PhD

Campus: Downtown Phoenix

Program Description:

The School of Criminology and Criminal Justice at Arizona State University offers an on-campus program of coursework and research leading to the PhD in criminology and criminal justice.

This program emphasizes criminal justice theory, research and policy and is designed to produce highly skilled criminology and criminal justice faculty and agency researchers and administrators.

The doctoral program is organized around five components: a comprehensive examination, a core of required courses in research methods and analytical techniques, a core of required courses in theory and research on crime and the criminal justice system, a dissertation and elective courses in criminology, criminal justice and related fields.

Degree Requirements:

84 credit hours, a written comprehensive exam, a prospectus and a dissertation.

The doctoral program in criminology and criminal justice includes a minimum of 72 credit hours of coursework and 12 credit hours (and only 12) of dissertation. A maximum of 30 credit hours of coursework from a previously awarded master's degree or JD may, with the approval of the supervisory committee, be applied toward the doctoral plan of study.

Each student is required to complete coursework in two core areas. This includes six credit hours of coursework in theory and research on crime and the criminal justice system and nine credit hours of coursework on research methods and analytical techniques. Elective courses comprise the remainder of the coursework required for the doctorate. All students must demonstrate proficiency in research design as well as quantitative and qualitative methods.

Required Core (15 credit hours)

CRJ 601 Seminar on Criminological Theory (3)

CRJ 602 Seminar on Criminal Justice Policies and Practices (3)

CRJ 603 Advanced Research Design (3)

CRJ 604 Advanced Statistical Analysis (3)

CRJ 605 Topics in Quantitative Methods (3)

Electives (27 credit hours)

Students choose a minimum of nine courses in consultation with the supervisory committee (27).

Other Requirements (30 credit hours)

credit hours for coursework from master's degree or JD (30)

Culminating Experience (12 credit hours)

dissertation (12)

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

An applicant should hold a master's degree from an accredited institution; it may be in criminal justice, criminology or another field (e.g. sociology, political science, history, social work, public administration, psychology or philosophy). In exceptional cases, the admission committee will consider applicants who hold only a bachelor's degree.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- GRE scores
- two letters of recommendation
- current curriculum vitae or resume
- personal statement
- sample of the applicant's written work
- proof of English proficiency.

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Requirements can be found at <https://admission.asu.edu/international/graduate/english-proficiency> (<https://admission.asu.edu/international/graduate/english-proficiency>).

Official transcripts must be submitted from every university or institution in which a degree was awarded.

GRE scores must be from within the last five years.

The letters of recommendation must be from faculty members or others qualified to evaluate the applicant's academic potential for doctoral study.

The personal statement should not exceed five pages, and it should describe the applicant's prior education, relevant professional experience and career goals. The statement must explain how the doctorate in criminology and criminal justice will help the applicant attain his or her career goals. The statement should explicitly explain how the student's plans are consistent with the role and mission of the School of Criminology and Criminal Justice at ASU.

The applicant's sample of written work should be submitted electronically. The writing sample may be an article (published or unpublished), a research paper, or any other extended sample of expository skill, and the sample must be no longer than 35 pages in length. Longer writing samples should not be submitted without first consulting the graduate director. Documents should not be password protected. Acceptable file types are .rtf, .pdf, and .doc.

Students should see the unit website for application deadlines.

Contact Information:

Public Service and Community Solutions, Watts College of
School of Criminology and Criminal Justice
<https://ccj.asu.edu/>

UCENT 600
gradscj@asu.edu
602-496-2356

Domestic Violence and Evidence-Based Practice (Certificate), Certificate (PPDVEPGRCT)

Online Degree Search Title: Domestic Violence and Evidence-based Practice (Graduate Certificate)

Campus: Downtown Phoenix

Program Description:

The certificate program in domestic violence and evidence-based practice provides graduate students with the experience and knowledge to intervene safely and effectively on behalf of the survivors of gender-based violence. Those knowledgeable about the dynamics of intimate partner violence are better equipped to assist those suffering its negative physical and mental health consequences.

Students in the certificate program engage in service-based and classroom learning to understand the role of evidence-based interventions in promoting survivor safety and client empowerment.

The certificate program prepares students to be verified advocates for victims of domestic violence in the state of Arizona.

Degree Requirements:

15 credit hours.

Required Core (3 credit hours)

SWG 545 Domestic Violence and National AmeriCorps Service (3)

Restricted Electives (6 credit hours)

SWG 546 Approaches to Teen Dating Violence Prevention (3) or

SWG 618 Advanced Practice in Domestic Violence (3) or

SWG 647 The Domestic Violence Movement: An Intersectional Framework (3) or

SWG 648 Intimate Partner Violence Risk Assessment (3)

Other Requirement (6 credit hours)

SWG 541 Field Practicum I (3) or SWG 641 Advanced Practicum: Direct Practice I (3) or SWG 643 Advanced Practicum: Planning, Social Work Administration and Community Practice I (3)

SWG 542 Field Practicum II (3) or SWG 642 Advanced Practicum: Direct Practice II (3) or SWG 644 Advanced Practicum: Planning, Social Work Administration and Community Practice II (3)

Additional Curriculum Information

For restricted electives, students select two courses from the approved course list. Other coursework may be used with the approval of the academic unit.

For the other requirement section, students must select one course from SWG 541, SWG 641 or SWG 643 and one course from SWG 542, SWG 642 or SWG 643. Other coursework may be used with approval of the academic unit.

The student's department-specific field experience practicum credits may be substituted for the other requirement section with department approval.

All students are required to complete 300 hours (minimum) of domestic violence service through a field experience practicum. Students should work with the academic unit in coordinating the field experience practicum. Concurrent to the beginning of their field experience practicum, students take the Domestic Violence and National AmeriCorps Service core course (SWG 545) in order to learn about the foundations for working with domestic violence victims. The coursework and field experience practicum experience maximize experiential learning opportunities.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution and are degree-seeking graduate students. Experience in social work, social services or a related field is required.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

Applicants interested in the domestic violence and evidence-based practice certificate are asked to attend an interview. The interview is a chance to help the student find an appropriate field experience or practicum to match the certificate requirements.

Contact Information:

Public Service and Community Solutions, Watts College of
School of Social Work
<https://socialwork.asu.edu/>
UCENT 813
survivorlink@asu.edu
602-496-0800

Emergency Management (Certificate), Certificate (PPEMEGRCT)

Online Degree Search Title: Emergency Management (Graduate Certificate)

Campus: Downtown Phoenix

Program Description:

The graduate certificate program in emergency management provides motivated students with the skills and knowledge to manage and assume positions of leadership within the field of emergency management. More specifically, an orientation on all-hazards and all-threats provides students with a generalist perspective, which is critically important for today and tomorrow's disaster managers.

The certificate program may be of interest to students in disciplines such as public policy, planning, political science, nonprofit management, social work, criminology and other related fields.

Degree Requirements:

15 credit hours.

Required Core (9 credit hours)

PAF 520 Public Management (3)

PAF 552 Integrated Emergency Management (3)

PAF 555 Information Technology in Emergency Management (3)

Electives (6 credit hours)

Additional Curriculum Information

For electives, students should see the academic unit for an approved course list. Other coursework may be used with the approval of the academic unit.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- a statement of career and educational goals
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa will first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission be considered for admission to this certificate program.

The program is ideal for students from related fields, including political science, planning, urban and metropolitan studies, sociology as well as other social science degrees; however, applicants from all educational backgrounds may be accepted provided they meet the minimum requirements. Current ASU graduate students are eligible for the certificate as a supplement to their existing degree program. In addition, students not enrolled in a graduate program at ASU are also eligible to apply as nondegree students provided they meet the admission criteria stated above. However, MPA students in the proposed emergency management concentration would not be eligible for admission.

Students should see the program website for application deadlines.

Contact Information:

Public Service and Community Solutions, Watts College of
School of Public Affairs
<https://spa.asu.edu/gradcertificates>
UCENT 400
spa@asu.edu
602-496-0450

Emergency Management and Homeland Security, MA (PPEMHSMA)

Online Degree Search Title: Emergency Management and Homeland Security, MA

Campus: Downtown Phoenix, Online

Program Description:

The MA program in emergency management and homeland security is designed to assist the professional development of current or future practitioners as the next generation of leaders in these fields. The program emphasizes a blended approach of practical knowledge and broader integrative thinking about the complex societal challenges of the 21st century. Its core values of collaboration between practitioners, faculty and students, public service, commitment to diversity, critical thinking and evidence-based assessment are all central to promoting informed and effective leadership.

One of the unique features of this program is its breadth of content coverage. The program offers the following five distinct concentration areas: emergency management, homeland security, community resilience, biosecurity and threat management, and cybersecurity policy and management. These subject area specializations underscore the program's commitment to strategic thinking about current and future challenges. Likewise, the program has a number of learning opportunities from an international perspective.

When students enroll in this program, they are encouraged to choose one of these area specializations. Students can enroll in the degree program without declaring a concentration. However, selecting a concentration is advisable because doing so assists in developing knowledge, skills and abilities pertinent to an intended career path.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Public Service and Public Policy (Emergency Management and Homeland Security), BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

30 credit hours including an applied project course (CRJ 593 or PAF 593), or 33 credit hours including an applied project course (CPP 593 or PAF 593).

Required Core (18 credit hours)

CPP 510 Hazards Governance (3)

CPP 520 Program Evaluation for Emergency Management and Homeland Security (3)

CPP 570 GIS for Hazards Analysis (3)

CRJ 511 Applied Data Analysis in Criminal Justice (3)

CRJ 554 Homeland Security (3)

PAF 552 Integrated Emergency Management (3)

Electives (12 credit hours)

Culminating Experience (3 credit hours)

CPP 593 Applied Project (3) or

PAF 593 Applied Project (3)

Additional Curriculum Information

For electives, students should see the academic unit for the approved course list.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in criminology or criminal justice, public administration or public service, sociology or social work, public safety or fire service management, parks and recreation management, applied sciences, environmental sciences or geography, public health or another closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate application and application fee
- official transcripts
- evidence of current employment in an organization in this field or at least two years prior professional experience in this or a related field or a bachelor's degree in a related area is required.
- two letters of recommendation
- a written statement
- proof of English proficiency

Additional Admission Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The written statement should be at least one page in length and describe the applicant's educational and career goals and long-term professional development strategy.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/graduate/master-arts-emergency-management-and-homeland-security/>)

Contact Information:

Public Service and Community Solutions, Watts College of

Watts College of Public Service & Community Solut

<https://publicservice.asu.edu/content/emergency-management-and-homeland-security-ma>

UCENT 780

idpadvicing@asu.edu

602-496-0915

Emergency Management and Homeland Security (Biosecurity and Threat Management), MA (PPEMHSBTMA)

Online Degree Search Title: Emergency Management and Homeland Security (Biosecurity and Threat Management), MA

Campus: Downtown Phoenix, Online

Program Description:

Biosecurity and threat management is an important and emerging area related to the intersection of homeland security, public health and risk management. It addresses a unique set of hazard and threat management issues related to bioterrorism, agroterrorism and communicable disease threats associated with disaster incidents. The biosecurity and threat management concentration within the MA program in emergency management and homeland security degree is designed to assist professional development aimed at meeting these types of current and emerging challenges. Some of the coursework in this concentration area is offered through the University of New South Wales (Australia) as part of the PLuS alliance program.

The EMHS program's students serve and promote stronger and more resilient communities across public, private or nonprofit sector organizations. The program emphasizes a blended approach of practical knowledge and broader integrative thinking about the complex societal challenges of the

21st century. Its core values of collaboration between practitioners, faculty and students, public service, commitment to diversity, critical thinking and evidence-based assessment are all central to promoting informed and effective leadership.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Public Service and Public Policy (Emergency Management and Homeland Security), BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

33 credit hours including the required applied project course (CPP 593 or PAF 593).

Required Core (18 credit hours)

CPP 510 Hazards Governance (3)

CPP 520 Program Evaluation for Emergency Management and Homeland Security (3)

CPP 570 GIS for Hazards Analysis (3)

CRJ 511 Applied Data Analysis in Criminal Justice (3)

CRJ 554 Homeland Security (3)

PAF 552 Integrated Emergency Management (3)

Concentration (6 credit hours)

CPP 581 Bioterrorism and Health Intelligence (3)

CPP 583 Health Aspects of Crises, Emergencies, Disasters (3)

Elective or Research (6 credit hours)

Culminating Experience (3 credit hours)

CPP 593 Applied Project (3) or

PAF 593 Applied Project (3)

Additional Curriculum Information

Students choose one of the applied project courses listed.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in criminology or criminal justice, public administration or public service, sociology or social work, public safety or fire service management, parks and recreation management, applied sciences, or another closely related field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:

- graduate admission application and application fee
- official transcripts
- two letters of recommendation
- a written statement
- evidence of current employment
- proof of English proficiency

Additional Admission Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The written statement must be at least one page in length, which describes the applicant's educational and career goals and long-term professional development strategy. Evidence of current employment in an organization in this field or at least two years prior professional experience in this or a related field or a bachelor's degree in a related area.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/graduate/master-arts-biosecurity-and->

threat-management/)

Contact Information:

Public Service and Community Solutions, Watts College of

Watts College of Public Service & Community Solut

<https://publicservice.asu.edu/content/emergency-management-and-homeland-security-ma>

UCENT 780

idpadvising@asu.edu

602-496-0915

Emergency Management and Homeland Security (Community Resilience), MA (PPEMHSCRMA)

Online Degree Search Title: Emergency Management and Homeland Security (Community Resilience), MA

Campus: Downtown Phoenix, Online

Program Description:

Community resilience refers to the efforts of governmental and nongovernmental actors to develop policies and practices aimed at reducing short and long-term risk in order to enhance safety and sustainability. This concentration within the MA program in emergency management and homeland security is focused on understanding how community resilience is developed and promoted across government agencies (local, state, federal) as well as private and nonprofit sector organizations where functional and operational responsibilities relate to planning, hazards mitigation, disaster recovery or sustainability. Further, it leverages the PLuS Alliance for course offerings.

EMHS program students serve and promote stronger and more resilient communities across public, private or nonprofit sector organizations. The program emphasizes a blended approach of practical knowledge and broader integrative thinking about the complex societal challenges of the 21st century. Its core values of collaboration between practitioners, faculty and students, public service, commitment to diversity, critical thinking and evidence-based assessment are all central to promoting informed and effective leadership.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Public Service and Public Policy (Emergency Management and Homeland Security), BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

33 credit hours including the required applied project course (CPP 593 or PAF 593).

Required Core (18 credit hours)

CPP 510 Hazards Governance (3)

CPP 520 Program Evaluation for Emergency Management and Homeland Security (3)

CPP 570 GIS for Hazards Analysis (3)

CRJ 511 Applied Data Analysis in Criminal Justice (3)

CRJ 554 Homeland Security (3)

PAF 552 Integrated Emergency Management (3)

Concentration (6 credit hours)

CPP 511 Hazard Mitigation Planning (3)

PAF 560 Community Resilience (3)

Elective or Research (6 credit hours)

Culminating Experience (3 credit hours)

CPP 593 Applied Project (3) or

PAF 593 Applied Project (3)

Additional Curriculum Information

Students choose one of the applied project courses listed.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in criminology or criminal justice, public administration or public service, sociology or social work, public safety or fire service management, parks and recreation management, applied sciences or another closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- two letters of recommendation
- a written statement,
- evidence of current employment in an organization in this field or at least two years prior professional experience in this or a related field OR a bachelor's degree in a related area
- proof of English proficiency

Additional Admission Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The written statement should be at least one page in length and describe the applicant's educational and career goals and long-term professional development strategy.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/graduate/master-arts-community-resilience/>)

Contact Information:

Public Service and Community Solutions, Watts College of

Watts College of Public Service & Community Solut

<https://publicservice.asu.edu/programs/ma/emergency-management-and-homeland-security-community-resilience-ma>

UCENT 780

idpadvicing@asu.edu

602-496-0915

Emergency Management and Homeland Security (Cybersecurity Policy and Management), MA (PPEHSCPMMA)

Online Degree Search Title: Emergency Management and Homeland Security (Cybersecurity Policy and Management), MA

Campus: Downtown Phoenix, Online

Program Description:

The cybersecurity policy and management concentration within the MA in emergency management and homeland security program provides motivated students with knowledge, skills and abilities to assume leadership, key management and other key operational positions with public sector agencies (or related private sector organizations) with responsibilities related to managing cybersecurity hazards in the area of homeland security, emergency management, critical infrastructure protection, risk management, and other related fields. Cybersecurity is an important threat and vulnerability issue that cuts across multiple domains.

This concentration is uniquely geared toward professionals in emergency management, homeland security, critical infrastructure protection, hazard mitigation, planning and emergency preparedness who do not seek nor require highly technical training in cybersecurity (beyond a basic competency level) but, instead, have major operational responsibilities that pertain to cyber-related vulnerabilities. This concentration is a unique contribution: It provides education and training on cyber policy and management issues for general administrators. Further, it leverages the PLuS Alliance for course offerings.

The EMHS program's students serve and promote stronger and more resilient communities across public, private or nonprofit sector organizations. The program emphasizes a blended approach of practical knowledge and broader integrative thinking about the complex societal challenges of the 21st century. Its core values of collaboration between practitioners, faculty and students, public service, commitment to diversity, critical thinking and evidence-based assessment are all central to promoting informed and effective leadership.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Public Service and Public Policy (Emergency Management and Homeland Security), BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

33 credit hours including an applied project (CPP 593).

Required Core (18 credit hours)

CPP 510 Hazards Governance (3)

CPP 520 Program Evaluation for Emergency Management and Homeland Security (3)

CPP 570 GIS for Hazards Analysis (3)

CRJ 511 Applied Data Analysis in Criminal Justice (3)

CRJ 554 Homeland Security (3)

PAF 552 Integrated Emergency Management (3)

Concentration (6 credit hours)

CPP 575 U.S. Cyber and Information Security Policy (3)

CPP 576 Information Assurance Principles (3)

Electives or Research (6 credit hours)

Culminating Experience (3 credit hours)

CPP 593 Applied Project (3)

Additional Curriculum Information

Students take up to three courses as part of the PLuS Alliance program with the University of New South Wales.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in criminology or criminal justice, public administration or public service, sociology or social work, public safety or fire service management, parks and recreation management, applied sciences or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants are required to submit:

- graduate admission application and application fee
- official transcripts
- two letters of recommendation
- professional resume
- written statement
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The resume should show current employment in an organization in this field or at least two years prior professional experience in emergency management or a related field, or a bachelor's degree in a related area.

The written statement must be at least one page in length and must describe the applicant's educational and career goals and long-term professional development strategy.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/graduate/cybersecurity-policy-and-management-ma/>)

Contact Information:

Public Service and Community Solutions, Watts College of

Watts College of Public Service & Community Solut

<https://publicservice.asu.edu/programs/ma/emergency-management-and-homeland-security-cybersecurity-policy-and-management-ma>

UCENT 780

Emergency Management and Homeland Security (Emergency Management), MA (PPEMHSEMMA)

Online Degree Search Title: Emergency Management and Homeland Security (Emergency Management), MA

Campus: Downtown Phoenix, Online

Program Description:

The emergency management concentration within the MA program in emergency management and homeland security is designed for individuals who intend to assume greater management responsibility in helping communities reduce vulnerability to hazards and cope with disasters in both private and public settings. Students gain an essential understanding of the entire vision, mission and principles of emergency management with an emphasis on policy analysis and program evaluation, leadership, management, use of technology interagency and cross-sector collaboration. Core concepts and analytic approaches to disaster risk reduction and the promotion of community resilience capacity are addressed in concentration courses. Further, it leverages the PLuS Alliance for course offerings.

EMHS program students serve and promote stronger and more resilient communities across public, private or nonprofit sector organizations. The program emphasizes a blended approach of practical knowledge and broader integrative thinking about the complex societal challenges of the 21st-century. Its core values of collaboration between practitioners, faculty and students, public service, commitment to diversity, critical thinking and evidence-based assessment are all central to promoting informed and effective leadership.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Public Service and Public Policy (Emergency Management and Homeland Security), BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

33 credit hours including the required applied project course (CPP 593 or PAF 593).

Required Core (18 credit hours)

CPP 510 Hazards Governance (3)

CPP 520 Program Evaluation for Emergency Management and Homeland Security (3)

CPP 570 GIS for Hazards Analysis (3)

CRJ 511 Applied Data Analysis in Criminal Justice (3)

CRJ 554 Homeland Security (3)

PAF 552 Integrated Emergency Management (3)

Concentration (6 credit hours)

CPP 512 Exercises and Planning for Emergency Management and Homeland Security (3)

PAF 555 Information Technology in Emergency Management (3)

Elective or Research (6 credit hours)

Culminating Experience (3 credit hours)

CPP 593 Applied Project (3) or

PAF 593 Applied Project (3)

Additional Curriculum Information

For the culminating experience, students choose one of the applied project courses listed.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in criminology or criminal justice, public administration or public service, sociology or social work, public safety or fire service management, parks and recreation management, applied sciences or another closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- two letters of recommendation
- written statement
- evidence of current employment in an organization in this field or at least two years prior professional experience in this or a related field OR a bachelor's degree in a related area
- proof of English proficiency

Additional Admission Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The written statement should be at least one page in length and describe the applicant's educational and career goals and long-term professional development strategy.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/graduate/master-arts-emergency-management/>)

Contact Information:

Public Service and Community Solutions, Watts College of

Watts College of Public Service & Community Solut

<https://publicservice.asu.edu/programs/ma/emergency-management-and-homeland-security-emergency-management-ma>

UCENT 780

idpadvising@asu.edu

602-496-0915

Emergency Management and Homeland Security (Homeland Security), MA (PPEMHSMA)

Online Degree Search Title: Emergency Management and Homeland Security (Homeland Security), MA

Campus: Downtown Phoenix, Online

Program Description:

The homeland security concentration within the MA in Emergency Management and Homeland Security degree is focused on homeland security as a field, applicable to all levels of government (federal, state, local) and to positions in private sector organizations with functional and operational related to organizational security. Students gain an essential understanding of the public policy and practice on homeland security and homeland defense issues, with an emphasis on policy analysis and program evaluation, leadership, management, use of technology interagency and cross-sector collaboration. The concentration leverages the PLS Alliance for course offerings.

The MA EMHS program's students serve and promote stronger and more resilient communities across public, private or nonprofit sector organizations. The program emphasizes a blended approach of practical knowledge and broader integrative thinking about the complex societal challenges of the 21st century. Its core values of collaboration between practitioners, faculty and students, public service, commitment to diversity, critical thinking and evidence-based assessment are all central to promoting informed and effective leadership.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Public Service and Public Policy (Emergency Management and Homeland Security), BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

33 credit hours including the required applied project course (CPP 593 or PAF 593).

Required Core (18 credit hours)

CPP 510 Hazards Governance (3)

CPP 520 Program Evaluation for Emergency Management and Homeland Security (3)

CPP 570 GIS for Hazards Analysis (3)

CRJ 511 Applied Data Analysis in Criminal Justice (3)

CRJ 554 Homeland Security (3)

PAF 552 Integrated Emergency Management (3)

Concentration (6 credit hours)
CPP 514 Inter-Agency and Inter-Sector Coordination for Emergencies and Disasters (3)
CRJ 553 Terrorism and Weapons of Mass Destruction (3)

Electives or Research (6 credit hours)

Culminating Experience (3 credit hours)
CPP 593 Applied Project (3) or
PAF 593 Applied Project (3)

Additional Curriculum Information
Students choose one of the applied project courses listed.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in criminology or criminal justice, public administration or public service, sociology or social work, public safety or fire service management, parks and recreation management, applied sciences, or another closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:

- graduate admission application and application fee
- official transcripts
- two letters of recommendation
- written statement
- evidence of current employment in an organization in this field or at least two years prior professional experience in this or a related field or a bachelor's degree in a related area
- proof of English proficiency

Additional Admission Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The written statement should be at least one page in length and describe the applicant's educational and career goals and long-term professional development strategy.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/graduate/master-arts-homeland-security/>)

Contact Information:

Public Service and Community Solutions, Watts College of
Watts College of Public Service & Community Solut
<https://publicservice.asu.edu/programs/ma/emergency-management-and-homeland-security-homeland-security-ma>
UCENT 780
idpadvising@asu.edu
602-496-0915

Homeland Security (certificate), Certificate (PPHLSGRCT)

Online Degree Search Title: Homeland Security (Graduate Certificate)

Campus: Online

Program Description:

The graduate certificate program in homeland security is focused on homeland security as a field applicable to all levels of government (federal, state and local) and to positions in private sector organizations with functions and operations related to organizational security. Students can study topics related to current international and domestic terrorism issues, global security, intelligence analysis, cybersecurity issues, crime prevention and law enforcement.

Degree Requirements:

18 credit hours.

Required Core (12 credit hours)

CRJ 553 Terrorism and Weapons of Mass Destruction (3)

CRJ 554 Homeland Security (3)

CRJ 557 Seminar in Domestic Terrorism (3)

CRJ 558 Seminar in International Terrorism (3)

Electives or Research (6 credit hours)

Additional Curriculum Information

Students should see the academic unit for available elective and research coursework.

Students may choose to participate in a study abroad experience in counterterrorism in Israel during the summer term that may be used to fulfill elective coursework. Students who choose this option enroll in CRJ 555 Police and International Terrorism and CRJ 556 Etiology of Martyrdom.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in criminology, criminal justice, homeland security, counter-terrorism or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:

- graduate admission application and application fee
- official transcripts
- letter of intent
- professional resume
- two letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The letter of intent, resume and letters of recommendation are not needed if the applicant is already matriculated in an ASU master's degree program.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/certificates/homeland-security-grad-cert/>)

Contact Information:

Public Service and Community Solutions, Watts College of
School of Criminology and Criminal Justice
<https://ccj.asu.edu/>
UCENT 600
gradscj@asu.edu

Latino Cultural Competency in Social Work (certificate), Certificate (PPSWGGRCL)

Online Degree Search Title: Latino Cultural Competency in Social Work (Graduate Certificate)

Campus: Downtown Phoenix

Program Description:

In response to need, ASU offers a graduate certificate in Latino cultural competency through the Watts College of Public Service and Community Solutions School of Social Work. The School of Social Work offers Latino-oriented courses with an emphasis on Spanish language development for professional social workers.

The goal of the program is to enhance a social work professional's capacity for engaging in culturally grounded practice with Latino clients and their families.

The program is intended for professionals who want to expand their employment potential by adding an expertise in professional services with Latinos; learn the critical, cross-cultural factors that influence a worker's competency in forming professional helping relationships with Latinos; understand the social and cultural context and theoretical principles of social work practice with Latinos; and learn the social service delivery issues involved in providing services for bilingual and limited- or non-English-speaking Latino populations.

Degree Requirements:

15 credit hours.

The following is required for students enrolled in the Master of Social Work program:

- completion of 480 hours of field practicum with Latino clients and communities (60% of case load to be Spanish-speaking)
- field practice consisting of six credit hours of field practicum
- six credit hours of Latino-oriented coursework
- SWG 533 Diversity and Oppression in a Social Work Context (3)

At least three credit hours are required to be taken from within the School of Social Work.

Requirements for those already working in the field of social work as a community professional social worker and community worker are as follows:

- six credit hours of independent study field practice consisting of the completion of 480 hours with Latino clients and communities (60% of client caseload to be Spanish-speaking)
- six credit hours of Latino-oriented coursework
- SWG 533 Diversity and Oppression in a Social Work Context (3)

Additional Curriculum Information

At least three credit hours of the Latino-oriented coursework are required to be taken from within the School of Social Work.

Students already working in the field of social work may petition to use their place of employment for the six credit hours of independent study field practice.

Students with a Master of Social Work or BSW degree who have completed SWG 533 in the past five years may substitute another Latino-oriented course.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- the School of Social Work Latino cultural competency application form and the required \$50 application fee
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

No more than two certificate courses may be completed before applying for admission to the certificate program.

Social work graduate students must have graduate status in the Watts College of Public Service and Community Solutions School of Social Work and must demonstrate proficiency in the Spanish language.

Community professional social workers must possess a Master of Social Work, Bachelor of Social Work or related master's degree and must demonstrate proficiency in the Spanish language.

Community workers must have the equivalency of a two-year work experience in the social service field, an undergraduate degree, and demonstrate proficiency in the Spanish language.

Contact Information:

Public Service and Community Solutions, Watts College of
School of Social Work
<https://socialwork.asu.edu>
UCENT 800
social.work@asu.edu
602-496-0800

Law Enforcement Administration (Certificate), Certificate (PPLEAGRCT)

Online Degree Search Title: Law Enforcement Administration (Graduate Certificate)

Campus: Online

Program Description:

The graduate certificate program in law enforcement administration will prepare and enhance the work of law enforcement professionals by providing coursework in criminal justice organizations, policing and program analysis and in cross-disciplines such as public administration. The program is designed to give students a solid foundational understanding of law enforcement agency administration, leadership and policy analysis.

Degree Requirements:

15 credit hours.

Required Courses (12 credit hours)

CRJ 512 Seminar in Policing (3)

CRJ 516 Seminar in Criminal Justice Organization and Management (3)

CRJ 527 Police Accountability (3)

PAF 520 Public Management (3)

Electives (3 credit hours)

Culminating Experience: None Required

Additional Curriculum Information

Students should see the academic unit for the approved elective course list.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants who are nondegree-seeking students (not admitted to a graduate degree program at ASU) will be required to submit:

- graduate admission application and application fee
- official transcripts of undergraduate and graduate (if applicable) coursework
- a written statement of career and educational goals

- two letters of recommendation
- current resume
- proof of English proficiency

Applicants who are graduate degree-seeking students (admitted to a graduate program at ASU) will be required to submit:

- graduate admission application
- a written statement of career and educational goals

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Students from related fields, such as public policy, political science, psychology, sociology, as well as other social science degrees, might be interested in this program; however, all eligible students are considered. Although most students would likely come from the aforementioned degree fields, there is no specific undergraduate degree major required for admission; the school accepts applicants with undergraduate degrees from all educational backgrounds.

There are no examinations required for admission to the certificate program.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/certificates/graduate-certificate-law-enforcement-administration/>)

Contact Information:

Public Service and Community Solutions, Watts College of
School of Criminology and Criminal Justice
<https://ccj.asu.edu>
UCENT 600
gradscj@asu.edu
602-496-2356

Nonprofit Leadership and Management, MNLM (PPNPSMNS)

Online Degree Search Title: Nonprofit Leadership and Management, MNLM

Campus: Downtown Phoenix, Online

Program Description:

Offered through the School of Community Resources and Development, the MNLM program is intended for mid-level professionals who work or desire to work in the nonprofit sector at senior leadership and management levels. The program provides an opportunity to obtain an advanced degree that addresses the unique character of nonprofit organizations and the social sector.

Students explore both theory and the practice of leadership and management in the nonprofit sector. The degree allows graduates enhanced recognition and credentials similar to students who have graduate degrees in administration or management.

Degree Requirements:

33 credit hours including the required capstone course (NLM 620).

Required Core (18 credit hours)

NLM 510 The Nonprofit Sector (3)

NLM 520 Financial and Resource Management (3)

NLM 530 Program Evaluation and Information Management (3)

NLM 540 Strategic Human Resources Management (3) or NLM 545 Volunteer Resource Management (3)

NLM 550 Philanthropy (3)

NLM 620 Capstone: Critical Issues in Nonprofit Management (3)

Electives (15 credit hours)

Additional Curriculum Information

Students are required to take 18 credit hours of core coursework, of which three credit hours are a capstone course that is completed at the end of the program of study. The capstone course is integrative and case-based, allowing students to synthesize material from prior coursework. Successful completion of this course is required in place of a thesis or applied project.

Students complete 15 credit hours of related elective coursework. Students may petition for one three credit hour course not listed as an approved elective in their program of study as long as students can establish an intellectual and professional development objective that substantiates the

course selection. The petition should be submitted prior to enrollment in an elective.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- curriculum vitae or resume
- statement of educational and career goals
- three reference letters
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. International applicants are also required to submit TOEFL or IELTS scores and a financial guarantee statement.

The statement of educational and career goals should be written in sufficient detail to indicate compatibility with the educational objectives and capabilities of the school.

Reference letters should be from a combination of academic and professional references. References from friends and family members are not accepted.

Students currently pursuing the nonprofit leadership and management certificate who are interested in applying for the master's program must apply to the degree program before the completion of nine credit hours in their certificate program.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/graduate/masters-certification-master-nonprofit-leadership-and-management/>)

Contact Information:

Public Service and Community Solutions, Watts College of
School of Community Resources and Development
<https://scrd.asu.edu>
UCENT 550
scrd@asu.edu
602-496-0550

Nonprofit Leadership and Management (certificate), Certificate (PPNONPROCE)

Online Degree Search Title: Nonprofit Leadership and Management (Graduate Certificate)

Campus: Downtown Phoenix, Online

Program Description:

The graduate certificate program in nonprofit leadership and management provides students with an understanding of the nonprofit sector's role in society and with knowledge applicable to those who wish to lead and manage nonprofit organizations. The objective of this program is to provide students from diverse academic backgrounds with exposure to content needed by leaders in the nonprofit sector, including the understanding of the historical and philosophical context for nonprofit organizations in society, the theory and practice of philanthropy, financial management practices and other topical content areas.

The certificate is ideal when combined with a graduate degree in another area and when used to provide a core concentration in nonprofit leadership and management.

Degree Requirements:

15 credit hours.

Required Core (9 credit hours)

NLM 510 The Nonprofit Sector (3)

NLM 520 Financial and Resource Management (3)

NLM 540 Strategic Human Resources Management (3) or NLM 545 Volunteer Resource Management (3)

Electives (6 credit hours)

Additional Curriculum Information

Students select either NLM 540 or NLM 545 as part of the required core coursework.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International applicants are also required to submit TOEFL or IELTS scores and a financial guarantee statement.

The program is available to students who are pursuing their graduate degree in a chosen field of study and who have expressed interest in pursuing careers in the nonprofit sector. In addition, the program is well suited for working professionals who may be pursuing a graduate degree but who wish to strengthen their skills and connections to the nonprofit community.

Applicants should see the College of Public Service and Community Solutions website for more information.

For disclosure information about this U.S. Department of Education Gainful Employment program, students should see <https://catalog.asu.edu/files/disclosures/PPNONPROCE/Gedt.pdf> (<https://catalog.asu.edu/files/disclosures/PPNONPROCE/Gedt.pdf>).

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu>)

Contact Information:

Public Service and Community Solutions, Watts College of

School of Community Resources and Development

<https://scrd.asu.edu>

UCENT 500

scrd@asu.edu

602-496-0550

Participatory Governance (certificate), Certificate (PPPGOGRCT)

Online Degree Search Title: Participatory Governance (Graduate Certificate)

Campus: Downtown Phoenix, Tempe

Program Description:

This transdisciplinary certificate program in participatory governance provides students with the knowledge and skills to develop, implement and evaluate participatory governance programs and public engagement activities.

The program combines academic rigor with practical skills. Students examine the main theories and research findings on participatory governance and public engagement and familiarize themselves with past and current democratic innovations in the U.S. and around the world. Students also develop the capacity to design, carry out and examine processes of participatory governance and public engagement.

Students may pursue the program as a specialization within an existing ASU graduate program or as a stand-alone program.

The certificate program is administered by the School of Public Affairs.

Degree Requirements:

15 credit hours.

Required Core (9 credit hours)

PAF 531 Community Conflict Resolution (3)

PAF 565 Theories and Practices of Democracy (3)

PAF 566 Participatory Governance and Civic Engagement (3)

Electives (6 credit hours)

Additional Curriculum Information

Electives are chosen from a list of preapproved courses and are selected with the faculty advisor. The faculty advisor directs the selection of the electives to ensure that they focus on a common theme and to see that the student's experiences in the courses align with the learning goals outlined for the certificate.

Students are required to maintain a minimum GPA of 3.00 (scale is 4.00 = "A") and to have no more than one grade below a "B-" in courses taken to complete the certificate program.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- statement of career and educational goals
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission be considered for admission to this certificate program.

Students from related fields such as political science, planning, urban and metropolitan studies, sociology, as well as other social science degrees might be interested in this program. However, all eligible students are considered.

Students should see the program website for application deadlines.

Contact Information:

Public Service and Community Solutions, Watts College of
School of Public Affairs

<https://spa.asu.edu/gradcertificates>

UCENT 400

spa@asu.edu

602-496-0450

Policy Informatics (Certificate), Certificate (PPPOIGRCT)

Online Degree Search Title: Policy Informatics (Graduate Certificate)

Campus: Downtown Phoenix

Program Description:

The policy informatics certificate program provides knowledge and skills to students seeking careers in which they will use informatics tools, models and simulations to help individuals and groups deliberate and evaluate policy decisions as well as explore new governance infrastructures. Emphasis is placed on theories and research concerning decision-making, complexity theory and visualization of quantitative and qualitative information, collective intelligence, behavioral economics and persuasive technologies.

Policy informatics helps to advance evidence-driven policy design, wherein scientific models and analyses drive decision-making for resolution of complex policy challenges, dilemmas and problems. This is both an emerging field of research and a community of practice focusing on advancing decision-making in the public sector through information-centric analysis of evidence that leverages computational and technological advances. Professionals who use policy informatics are involved in designing, managing and evaluating information systems and infrastructures for policy construction, analysis and implementation.

Policy informatics advances the transdisciplinary nature of the public administration discipline by infusing it with the advances of information technology, management of information systems, and computational and informational science perspectives.

Degree Requirements:

15 credit hours.

Five courses are required for the certificate. Students should review the certificate requirements and required courses on the School of Public Affairs' website. Students are required to maintain a minimum GPA of 3.00 (scale is 4.00 = "A") and to have no more than one grade below a "B-" in courses taken to complete the certificate program.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- a statement of career and educational goals
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa to first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission be considered for admission to this certificate program.

All materials are submitted online through the graduate admission application.

Students should see the program website for application deadlines.

Contact Information:

Public Service and Community Solutions, Watts College of
School of Public Affairs
<https://spa.asu.edu/gradcertificates>
UCENT 400
spa@asu.edu
602-496-0450

Program Evaluation (Certificate), Certificate (PPPGEVGRCT)

Online Degree Search Title: Program Evaluation (Graduate Certificate)

Campus: Downtown Phoenix, Online

Program Description:

Professionals in the government, nonprofit and private sectors are increasingly required to demonstrate effectiveness of programs and activities.

This graduate certificate in program evaluation provides students with a solid grounding in the applied and conceptual tools of conducting evaluation research and program evaluations as well as the skills to implement evaluations.

Degree Requirements:

15 credit hours.

Required Core (9 credit hours)

CPP 525 Foundations of Program Evaluation III: Advanced Regression Tools (3)

CPP 526 Foundations of Data Science I: Introduction to Data Programming in R (3)

SWG 623 Program Evaluation (3)

Restricted Electives (6 credit hours)

CPP 523 Foundations of Program Evaluation I: Multiple Regression (3)

CPP 524 Foundations of Program Evaluation II: Research Design (3)

Additional Curriculum Information

Restricted electives courses may be substituted with department approval.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in criminology and criminal justice, social work, public service, nonprofit management, parks and recreation management, tourism management, business, education, family studies, public health, education, psychology or a related social and applied sciences field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission to be considered for admission to this certificate program.

There are no required admission examinations.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/certificates/program-evaluation-graduate-certificate/>)

Contact Information:

Public Service and Community Solutions, Watts College of

Watts College of Public Service & Community Solut

<https://publicservice.asu.edu/content/program-evaluation-graduate-certificate>

UCENT 780

idpadvicing@asu.edu

602-496-1019

Program Evaluation and Data Analytics, MS (PPPGEMS)

Online Degree Search Title: Program Evaluation and Data Analytics, MS

Campus: Downtown Phoenix, Online

Program Description:

The MS in program evaluation and data analytics is a professional degree program that emphasizes skills needed to leverage data to improve organizational performance in the public, nonprofit and private sectors. It combines courses in program evaluation with data science classes that

empower students to utilize a diverse array of tools to generate insights on social impact and leverage data in organizations.

Students receive training in data programming, visualization, dashboard design, open data, project management and impact analysis. Through this, students build the technical skills necessary to implement evidence-based approaches to policy and management.

Unlike other data scientist degrees, this program is built using public sector and nonprofit examples. Students do not need a background in computer programming before starting the degree. Through a project-based curriculum and individualized attention, students develop expertise in performance and evaluation frameworks.

Graduates are prepared to work as policy analysts, managers, chief data officers or evaluation specialists.

Degree Requirements:

33 credit hours including the required applied project course (CPP 593).

Required Core (24 credit hours)

CPP 523 Foundations of Program Evaluation I: Multiple Regression (3)

CPP 524 Foundations of Program Evaluation II: Research Design (3)

CPP 525 Foundations of Program Evaluation III: Advanced Regression Tools (3)

CPP 526 Foundations of Data Science I: Introduction to Data Programming in R (3)

CPP 527 Foundations of Data Science II: Data Wrangling (3)

CPP 528 Foundations of Data Science III: Project Management (3)

CPP 529 Data Analytics Practicum (3)

SWG 623 Program Evaluation (3)

Electives (6 credit hours)

Culminating Experience (3 credit hours)

CPP 593 Applied Project (3)

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a minimum of a bachelor's or master's degree in criminology and criminal justice, social work, public service, nonprofit management, parks and recreation management, tourism management, business, education, family studies, public health, psychology, or a related social and applied sciences field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- personal statement
- two letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/graduate/program-evaluation-and-data-analytics-ms/>)

Contact Information:

Public Service and Community Solutions, Watts College of

Watts College of Public Service & Community Solut

<https://publicservice.asu.edu/content/program-evaluation-ms>

UCENT 780

idpadvicing@asu.edu

602-496-1019

Public Administration, EMPA (PPPUAEMPA)

Online Degree Search Title: Public Administration - Executive, EMPA

Campus: Online

Program Description:

The EMPA is designed for public sector leaders throughout the world.

The Executive Master of Public Administration is a 19-month, online graduate degree program which also features three-day face-to-face executive sessions in both Phoenix and Washington, D.C. Students participate in the program as part of a learning cohort, and the one-course-at-a-time online structure enables them to maintain a work and life balance as they immerse in each topic.

The learning experience begins with an orientation and executive session in Phoenix. Approximately one year later, the class reconvenes in Washington, D.C. for a second executive session. The executive master's degree program ends in Phoenix, where students present their applied projects.

The ASU Executive Master of Public Administration program enables students to expand the breadth and depth of their professional network. The online curriculum attracts a more geographically diverse pool of applicants from around the world. The executive sessions in Phoenix and Washington, D.C. further enable students to develop deeper relationships with their classmates.

Executive Master of Public Administration students are selected based on their ability to demonstrate the value they would add to the learning experience of the entire class, and a new cohort begins each year.

The program is a collaboration between the School of Public Affairs and the McCain Institute for International Leadership.

Degree Requirements:

30 credit hours including the required applied project course (PAF 593).

Required Core (27 credit hours)

PAF 504 Microeconomics of Public Policy I (3) or TGM 581 Negotiating in a Global Context (3)

PAF 508 Organization Behavior (3)

PAF 574 Diversity, Ethics, and Leading Public Change (3)

PAF 582 E-Public Administration (3)

PAF 585 Strategic Planning for Public Sector Leaders (3)

PAF 586 Data Analytics for the Public Good (3)

PAF 587 Federal Budgeting and Tax Policy (3)

PAF 588 Global Public Policy (3)

PAF 589 Leadership in Public Organizations (3)

Culminating Experience (3 credit hours)

PAF 593 Applied Project (3)

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- three letters of recommendation
- personal statement
- resume
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Exceptions to the GPA requirements may be considered based on the professional achievements demonstrated by the applicant as determined by

applicant's resume and other application materials. In addition to the GPA requirement, applicants are expected to have five to seven years of progressive leadership experience.

The personal statement must be 300 words or fewer and should include what experiences and qualities the student will bring to the EMPA program. The student must also discuss their career objectives and how they plan to leverage the EMPA to help achieve those objectives. In addition, applicants also may provide any supplementary information that would strengthen the personal statement.

Contact Information:

Public Service and Community Solutions, Watts College of
School of Public Affairs
<https://ramseyexecutive.asu.edu/content/executive-mpa>
MERCC 105
ramseyexecutive@asu.edu
602-496-1300

Public Administration, MPA (PPPADTMPA)

Online Degree Search Title: Public Administration - Downtown Phoenix, MPA

Campus: Downtown Phoenix

Program Description:

The MPA is a transdisciplinary, professional degree program designed to prepare students for public service, public management and policy analysis at the local, state and national levels of government.

Students may elect to specialize in one of the four approved Master of Public Administration concentrations: urban management, nonprofit administration, emergency management or public finance.

The urban management concentration provides knowledge and skills for students seeking careers in local urban government management and enables students to develop the skills and techniques used by city and urban leaders and managers.

The concentration in nonprofit administration is intended for professionals who work in or desire to work in the nonprofit sector and who wish to explore research, theory and the practice of management and leadership in the nonprofit sector.

The concentration in emergency management prepares graduates for a challenging career as a professional emergency manager. This program allows students to focus on concerns related to emergency management within the larger field of public administration.

The concentration in public finance provides knowledge and skills for students seeking or advancing careers in areas in which financial management plays an integral role in governance. This concentration emphasizes theories and research concerning urban economics and public finance, managing money in the public sector, public budgeting and finance, and capital budgeting and financing.

In addition, the school offers concurrent programs in planning, sustainability, criminology and criminal justice, and social work. For admission and program requirements, students should see <https://spa.asu.edu/content/concurrent-degrees> (<https://spa.asu.edu/content/concurrent-degrees>).

Concurrent Degrees:

This degree is also offered as concurrent degree program with:

- American Indian Studies (Tribal Leadership and Governance), MS
- Criminology and Criminal Justice, MS
- Social Work - Standard Program, MSW
- Sustainability Solutions, MSUS
- Urban and Environmental Planning, MUEP

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Construction Management and Technology, BS
- Public Service and Public Policy, BS
- Public Service and Public Policy (American Indian Studies), BS
- Public Service and Public Policy (Business), BS
- Public Service and Public Policy (Criminology), BS
- Public Service and Public Policy (Emergency Management and Homeland Security), BS
- Public Service and Public Policy (Health Policy), BS
- Public Service and Public Policy (Law and Policy), BS
- Public Service and Public Policy (Nonprofit Leadership and Management), BS

Public Service and Public Policy (Parks and Recreation Management), BS

Public Service and Public Policy (Science and Technology Policy), BS

Public Service and Public Policy (Social Services Delivery), BS

Public Service and Public Policy (Sustainability), BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

42 credit hours including the required capstone course PAF 509.

Required Core (24 credit hours)

PAF 501 Public Service Research I (3)

PAF 502 Public Service Research II (3)

PAF 503 Public Affairs (3)

PAF 504 Microeconomics of Public Policy I (3)

PAF 505 Public Policy Analysis (3)

PAF 506 Public Budgeting and Finance (3)

PAF 507 Public Human Resource Management (3)

PAF 508 Organization Behavior (3)

Electives or Research (15 credit hours)

Culminating Experience (3 credit hours)

PAF 509 Public Affairs Capstone (3)

Additional Curriculum Information

Students should see the academic unit for a complete list of approved electives. Approved elective credit hours may include courses offered by the school or other academic units in the university.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution in a related field. Related fields include social science degrees, although the department may accept applicants with degrees from all educational backgrounds provided the minimum requirements for the degree program are met.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- verbal, quantitative and analytical scores on the GRE (institution code: 4007) or GMAT scores
- three letters of recommendation
- written statement
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Additional requirements for international students are available at <https://admission.asu.edu/international/graduate/english-proficiency> (<https://admission.asu.edu/international/graduate/english-proficiency>).

At least two of the three letters of recommendation should be from faculty members or other academic staff who can evaluate applicant's academic performance.

The written statement should be one to two pages in length and describe the applicant's educational and career goals. This statement is also used as a sample of the applicant's writing abilities.

Applicants also may submit a resume or other documents.

Fees increase after the deadline.

Students should contact the School of Public Affairs at 602/496-0450 or email spa@asu.edu (<mailto:spa@asu.edu>) if they have questions about the Academic Catalog Archive 2020-2021

application process.

Contact Information:

Public Service and Community Solutions, Watts College of
School of Public Affairs
<https://spa.asu.edu/mpa>
UCENT 400
spa@asu.edu
602-496-0450

Public Administration (Certificate), Certificate (PPUAGRCT)

Online Degree Search Title: Public Administration (Graduate Certificate)

Campus: Downtown Phoenix

Program Description:

The graduate certificate program in public administration prepares students for work at all levels in governmental and nonprofit organizations.

Through comprehensive coverage of topics in public administration, management and policy, students discover the challenges of management, learn how to lead a public organization and understand the process of policy development. The program is designed to give students a solid foundational understanding of administration, leadership and policy analysis in service to the public good.

Degree Requirements:

15 credit hours.

Required Core (6 credit hours)

PAF 503 Public Affairs (3)

PAF 505 Public Policy Analysis (3)

Electives (9 credit hours)

Additional Curriculum Information

Electives are chosen from a list of preapproved courses and are selected with the faculty advisor. The faculty advisor directs the selection of the electives to ensure they focus on a common theme and to see that the student's experiences in the courses align with the learning goals outlined for the certificate. For the electives, the student must select any three 3-credit PAF courses at the 500-level. Students should note that PAF 504 is a prerequisite for PAF 505.

Students are required to maintain a minimum GPA of 3.00 (scale is 4.00 = "A") and to have no more than one grade below a "B-" in courses taken to complete the certificate program.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- statement of career and educational goals
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission be considered for admission to this certificate program.

Students from related fields such as public policy, political science, planning, urban and metropolitan studies, sociology, as well as other social science degrees might be interested in this program. However, all eligible students are considered.

Students should see the program website for application deadlines and admission terms.

Contact Information:

Public Service and Community Solutions, Watts College of
School of Public Affairs
<https://spa.asu.edu/gradcertificates>
UCENT 400
spa@asu.edu
602-496-0450

Public Administration (Emergency Management), MPA (PPPAFEMPA)

Online Degree Search Title: Public Administration (Emergency Management), MPA

Campus: Downtown Phoenix

Program Description:

The MPA program with a concentration in emergency management provides students with the skills and knowledge to manage and assume positions of leadership within the field of emergency management.

An all-hazards and all-threats orientation provides the student with a generalist perspective, which is critically important for the disaster managers of today and tomorrow. In addition, this program examines community resilience from a systems perspective, embracing government, private, nonprofit and civic roles. The program provides an understanding of how community members respond to the need to prepare for, endure and recover from disasters and provides the ability to utilize multiple communication methods to help community members before, during and after these emergencies.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Public Service and Public Policy, BS
- Public Service and Public Policy (American Indian Studies), BS
- Public Service and Public Policy (Business), BS
- Public Service and Public Policy (Criminology), BS
- Public Service and Public Policy (Emergency Management and Homeland Security), BS
- Public Service and Public Policy (Health Policy), BS
- Public Service and Public Policy (Law and Policy), BS
- Public Service and Public Policy (Nonprofit Leadership and Management), BS
- Public Service and Public Policy (Parks and Recreation Management), BS
- Public Service and Public Policy (Science and Technology Policy), BS
- Public Service and Public Policy (Social Services Delivery), BS
- Public Service and Public Policy (Sustainability), BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

42 credit hours including the required capstone course PAF 509.

Required Core (24 credit hours)

- PAF 501 Public Service Research I (3)
- PAF 502 Public Service Research II (3)
- PAF 503 Public Affairs (3)
- PAF 504 Microeconomics of Public Policy I (3)
- PAF 505 Public Policy Analysis (3)
- PAF 506 Public Budgeting and Finance (3)
- PAF 507 Public Human Resource Management (3)
- PAF 508 Organization Behavior (3)

Required Concentration (9 credit hours)

- PAF 520 Public Management (3)
- PAF 552 Integrated Emergency Management (3)
- PAF 555 Information Technology in Emergency Management (3)

Electives or Research (6 credit hours)

Culminating Experience (3 credit hours)

PAF 509 Public Affairs Capstone (3)

Additional Curriculum Information

Students should see the academic unit for a complete list of approved electives.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution in a related field. Related fields include political science, criminology, planning, business, urban and metropolitan studies, and other social science fields. Although most students for the graduate concentration would likely come from the aforementioned degree fields, the department may accept applicants with undergraduate degrees from all educational backgrounds provided the minimum requirements for the degree program are met.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- GRE scores
- statement of career and educational goals
- three letters of recommendation (two of which should be academic recommendations)
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The following entry-level competencies are needed for admission the program: Students should have an undergraduate social statistics course such as PAF 301 Applied Statistics and undergraduate coursework in American national government such as POS 310 American National Government. Students may also satisfy the American national government competency by taking the College-Level Examination Program in American Government and receiving a passing score.

GRE verbal, quantitative and analytical scores are used as one of the indicators to see how competitive an applicant is within the applicant pool.

Students should see the program website for application deadlines.

Contact Information:

Public Service and Community Solutions, Watts College of

School of Public Affairs

<https://spa.asu.edu/mpa>

UCENT 400

spa@asu.edu

602-496-0450

Public Administration (Nonprofit Administration), MPA (PPNONPRMPA)

Online Degree Search Title: Public Administration (Nonprofit Administration), MPA

Campus: Downtown Phoenix

Program Description:

The MPA is a transdisciplinary, professional degree program designed to prepare students for public service, public management and policy analysis at the local, state and national levels of government.

The concentration in nonprofit administration is intended for professionals who work in or desire to work in the nonprofit sector and who wish to explore research, theory and the practice of management and leadership in the nonprofit sector.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and

master's degree with:

- Public Service and Public Policy, BS
- Public Service and Public Policy (American Indian Studies), BS
- Public Service and Public Policy (Business), BS
- Public Service and Public Policy (Criminology), BS
- Public Service and Public Policy (Emergency Management and Homeland Security), BS
- Public Service and Public Policy (Health Policy), BS
- Public Service and Public Policy (Law and Policy), BS
- Public Service and Public Policy (Parks and Recreation Management), BS
- Public Service and Public Policy (Science and Technology Policy), BS
- Public Service and Public Policy (Social Services Delivery), BS
- Public Service and Public Policy (Sustainability), BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

42 credit hours including the required capstone course PAF 509.

Required Core (21 credit hours)

- PAF 501 Public Service Research I (3)
- PAF 502 Public Service Research II (3)
- PAF 503 Public Affairs (3)
- PAF 504 Microeconomics of Public Policy I (3)
- PAF 505 Public Policy Analysis (3)
- PAF 506 Public Budgeting and Finance (3)
- PAF 508 Organization Behavior (3)

Concentration (12 credit hours)

- NLM 510 The Nonprofit Sector (3)
- NLM 520 Financial and Resource Management (3)
- NLM 540 Strategic Human Resources Management (3)
- other approved course (3)

Electives or Research (6 credit hours)

Culminating Experience (3 credit hours)

- PAF 509 Public Affairs Capstone (3)

Additional Curriculum Information

Students should see the academic unit for a complete list of approved electives as well as the list of courses that may fulfill the concentration requirement. Approved elective credit hours may include courses offered by the school or other academic units in the university.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution in a related field. Related fields include social science disciplines, although the department may accept applicants with degrees from all educational backgrounds provided the minimum requirements for the degree program are met.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- verbal, quantitative and analytical scores on the GRE (institution code: 4007) or GMAT scores
- three letters of recommendation
- written statement
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Additional requirements for international students are available at <https://admission.asu.edu/international/graduate/english-proficiency>

(<https://admission.asu.edu/international/graduate/english-proficiency>).

At least two of the three letters of recommendation should be from faculty or other academic staff who can evaluate the applicant's academic performance.

The written statement should be one to two pages in length and describe the applicant's educational and career goals. This statement is also used as a sample of the applicant's writing abilities.

Applicants may also submit a resume or other documents.

Fees increase after the deadline.

Applicants should contact the School of Public Affairs at 602/496-0450 or email spa@asu.edu (<mailto:spa@asu.edu>) if they have questions about the application process.

Contact Information:

Public Service and Community Solutions, Watts College of
School of Public Affairs
<https://spa.asu.edu/mpa>
UCENT 400
spa@asu.edu
602-496-0450

Public Administration (Public Finance), MPA (PPPAFMPA)

Online Degree Search Title: Public Administration (Public Finance), MPA

Campus: Downtown Phoenix

Program Description:

The MPA is a transdisciplinary, professional degree program designed to prepare students for public service, public management and policy analysis at the local, state and national levels of government.

The concentration in public finance provides knowledge and skills for students seeking careers or career advancement in areas in which financial management plays an integral role in governance. This concentration emphasizes theories and research concerning urban economics and public finance, managing money in the public sector, public budgeting, and finance and capital budgeting and financing.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Public Service and Public Policy, BS
- Public Service and Public Policy (American Indian Studies), BS
- Public Service and Public Policy (Business), BS
- Public Service and Public Policy (Criminology), BS
- Public Service and Public Policy (Emergency Management and Homeland Security), BS
- Public Service and Public Policy (Health Policy), BS
- Public Service and Public Policy (Law and Policy), BS
- Public Service and Public Policy (Nonprofit Leadership and Management), BS
- Public Service and Public Policy (Parks and Recreation Management), BS
- Public Service and Public Policy (Science and Technology Policy), BS
- Public Service and Public Policy (Social Services Delivery), BS
- Public Service and Public Policy (Sustainability), BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

42 credit hours including the required capstone course (PAF 509).

Required Core (24 credit hours)

PAF 501 Public Service Research I (3)

PAF 502 Public Service Research II (3)

PAF 503 Public Affairs (3)

PAF 504 Microeconomics of Public Policy I (3)

PAF 505 Public Policy Analysis (3)

PAF 506 Public Budgeting and Finance (3)
PAF 507 Public Human Resource Management (3)
PAF 508 Organization Behavior (3)

Concentration (9 credit hours)

PAF 521 Managing Public Money (3)
PAF 522 Advanced Governmental Financial Management: Capital Budgeting and Infrastructure Financing (3)
PAF 570 Microeconomics of Public Policy II (3)

Electives or Research (6 credit hours)

Culminating Experience (3 credit hours)
PAF 509 Public Affairs Capstone (3)

Additional Curriculum Information

To meet the electives or research requirement, students choose one course from NLM 520, PAF 590 and PAF 584 for three credit hours. Students also choose any PAF 500-level course for three credit hours.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution in a related field. Related fields include social science degrees, although the department may accept applicants with degrees from all educational backgrounds provided the minimum requirements for the degree program are met.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- three letters of recommendation
- GRE scores
- written statement
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

At least two of the three letters of recommendation should be from faculty or other academic staff who can evaluate the applicant's academic performance.

The written statement should be one to two pages in length and describe the applicant's educational and career goals. This statement is also used as a sample of the applicant's writing abilities.

Students enrolling in Master of Public Administration core courses must demonstrate minimum competency in statistics and American government. Courses taken to fulfill the competency do not count toward the total credit hours required for the degree program. Completion of prerequisite courses is not a requirement for admission but must be completed within one semester after starting the program.

Competency in statistics is met with a grade of "B" (scale is 4.00 = "A") or higher in one of the approved courses (PAF 301 or PAF 401, POS 401, PSY 230, ECN 221, QBA 221, SWU 321, STP 226 or SOC 390) within the past two years or passing a diagnostic test approved by the MPA committee. Other courses taken within the last two years may be substituted upon approval of the Master of Public Administration director.

Competency in American government is a demonstrated understanding of American government institutions and processes. Students may be required to take an undergraduate class in American government (PAF 300, PAF 340, POS 110 or POS 310) with a grade of "B" or higher. The College-Level Examination Program can also be used to demonstrate competency in American government.

Contact Information:

Public Service and Community Solutions, Watts College of
School of Public Affairs
<https://spa.asu.edu/mpa>
UCENT 400

Public Administration (Urban Management), MPA (PPPAFUMPA)

Online Degree Search Title: Public Administration (Urban Management), MPA

Campus: Downtown Phoenix

Program Description:

The MPA is a transdisciplinary, professional degree program designed to prepare students for public service, public management and policy analysis at the local, state and national levels of government.

The urban management concentration provides knowledge and skills for students seeking careers in local urban government management and enables students to develop the skills and techniques used by city and urban leaders and managers.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Public Service and Public Policy, BS
- Public Service and Public Policy (American Indian Studies), BS
- Public Service and Public Policy (Business), BS
- Public Service and Public Policy (Criminology), BS
- Public Service and Public Policy (Health Policy), BS
- Public Service and Public Policy (Law and Policy), BS
- Public Service and Public Policy (Nonprofit Leadership and Management), BS
- Public Service and Public Policy (Parks and Recreation Management), BS
- Public Service and Public Policy (Science and Technology Policy), BS
- Public Service and Public Policy (Social Services Delivery), BS
- Public Service and Public Policy (Sustainability), BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

42 credit hours including the required capstone course PAF 509.

Required Core (24 credit hours)

- PAF 501 Public Service Research I (3)
- PAF 502 Public Service Research II (3)
- PAF 503 Public Affairs (3)
- PAF 504 Microeconomics of Public Policy I (3)
- PAF 505 Public Policy Analysis (3)
- PAF 506 Public Budgeting and Finance (3)
- PAF 507 Public Human Resource Management (3)
- PAF 508 Organization Behavior (3)

Concentration (12 credit hours)

- PAF 523 The City and County Manager (3)
- PAF 525 Public Entrepreneurship (3)
- PAF 530 Management of Urban Government (3)
- PAF 534 Urban Services Infrastructure (3)

Elective (3 credit hours)

Culminating Experience (3 credit hours)

- PAF 509 Public Affairs Capstone (3)

Additional Curriculum Information

Students should see the academic unit for a complete list of approved electives.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in a related field, from a regionally accredited

institution. Related fields include political science, planning, business, urban and metropolitan studies, as well as other social science disciplines, although the department may accept applicants with degrees from all educational backgrounds provided the minimum requirements for the degree program are met.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- verbal, quantitative and analytical scores on the GRE (institution code: 4007) or GMAT scores
- three letters of recommendation
- written statement
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Additional requirements for international students are located at <https://admission.asu.edu/international/graduate/english-proficiency> (<https://admission.asu.edu/international/graduate/english-proficiency>).

At least two of the three letters of recommendation should be from faculty or other academic staff who can evaluate the applicant's academic performance.

The written statement should be one to two pages in length and describe the applicant's educational and career goals. This statement is also used as a sample of the applicant's writing abilities.

Applicants also may submit a resume or other documents.

Students should contact the School of Public Affairs at 602-496-0450 or email spa@asu.edu (<mailto:spa@asu.edu>) with any questions about the application process.

Contact Information:

Public Service and Community Solutions, Watts College of
School of Public Affairs
<https://spa.asu.edu/mpa>
UCENT 400
spa@asu.edu
602-496-0450

Public Administration (Urbanism), PHD (PPPAURBPHD)

Online Degree Search Title: Public Administration and Policy (Urbanism), PhD

Campus: Downtown Phoenix

Program Description:

The PhD in public administration and policy is a theoretically grounded research degree program designed to prepare students for an academic career. The program is also appropriate for individuals who want to conduct high-level research and policy development in public and nonprofit agencies, foundations and research institutes. It is designed for students who seek full-time study.

The goal is to develop well-rounded, independent scholars who are grounded in the classic and current literatures of public administration and public policy, skilled in research methods, and ready to make a positive and important contribution to the field through teaching and research.

The doctoral program in public administration and policy with an urbanism concentration permits students to draw upon the extensive resources in urban affairs at ASU. As a result, these students are poised for success as productive and active scholars, researchers and teachers upon graduation.

The concentration in urbanism is a mechanism for organizing varied perspectives on urbanism into a collective body of scholarship. The study of public administration is enriched by grounding it in a comprehensive understanding of the characteristics of urban context and the dynamic forces that shape them. The concentration in urbanism leverages the varied interests in urbanism and helps emerging scholars as they attempt to compare, contrast and take stock of urbanism. Working with faculty from across a range of departments and programs at ASU, doctoral students will be able to capture the creative tensions that scholarship on urbanism has inspired in order to stimulate a provocative, constructive kind of inquiry.

Degree Requirements:

90 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (24 credit hours)

- PAF 601 Advanced Public Policy Seminar (3)
- PAF 602 Advanced Research Design for Public Policy and Management (3)
- PAF 603 Advanced Economics for Public Administration and Public Policy (3)
- PAF 604 Intellectual Foundations of Public Administration (3)
- PAF 605 Organization Theory and Behavior Seminar (3)
- PAF 609 Advanced Quantitative Methods Seminar (3)
- PAF 610 Advanced Qualitative Methods for Public Affairs Research (3)
- PAF 620 Public Administration Professional Development Workshop (3)

Concentration (3 credit hours)

- GCU 516 Principles of Urbanism (3)

Urbanism Electives (12 credit hours)

Research (3 credit hours)

- PAF 792 Research (3)

Culminating Experience (12 credit hours)

- PAF 799 Dissertation (12)

Additional Curriculum Information

When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used for this degree.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a master's degree, in a related field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts of all undergraduate and graduate coursework
- completed checklist
- written statement
- current resume or curriculum vitae
- three letters of recommendation
- samples of research reports or papers
- scores on the GRE (verbal, quantitative, analytical)
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must submit TOEFL scores to be considered for admission regardless of current residency (the ASU institution code is 4007). This is true even for those who have a master's degree from a United States university. To be considered for admission to the doctoral program in public administration and policy, the applicant's minimum score on a traditional TOEFL test must be 600; the minimum score for a TOEFL iBT must be 100. Applicants with scores below the minimum are not considered. More on the English proficiency requirement is available at <https://admission.asu.edu/international/graduate/english-proficiency> (<https://admission.asu.edu/international/graduate/english-proficiency>).

The written statement of educational and career goals must include a discussion of research interests.

The letters of recommendation should be primarily from faculty members. All letters should address the candidate's capacity to successfully complete the doctoral program. They should assess the student's capacity for critical and analytic thought, ability to communicate effectively both orally and in writing, and commitment to completion of the program.

Only GRE test scores from within the past five years are accepted, and analytical scores are considered in admission decisions.

All applicants are expected to have completed graduate level statistics and research methods classes before admission. Applicants also are expected to have sufficient formal coursework in public administration to pursue doctoral study in the field. Admitted students are required to take PAF 501, PAF 502, PAF 503, PAF 504, PAF 508 (or their equivalents) and statistics prior to beginning the doctoral core courses. Applicants who are not pursuing an MPA should not take these courses until they consult with the doctoral program director.

Applicants are admitted for fall only. Admission is competitive; a limited number of well-qualified applicants will be admitted each year. Students should see the program website for application deadlines.

Contact Information:

Public Service and Community Solutions, Watts College of
School of Public Affairs
<https://spa.asu.edu/phd>
UCENT 400
spa@asu.edu
602-496-0450

Public Administration and Policy, PHD (PPPUBADPHD)

Online Degree Search Title: Public Administration and Policy, PhD

Campus: Downtown Phoenix

Program Description:

The PhD in public administration and policy is a theoretically grounded research degree program designed to prepare students for a research-based career. The degree is appropriate for individuals who want to conduct high-level research and policy development in academic careers, public and nonprofit agencies, foundations and research institutes and for students who are committed to a four-year, full-time degree program.

This program is designed to develop well-rounded, independent scholars who are grounded in the classic and current literatures of public administration and public policy, skilled in research methods, and ready to contribute to the field through research and teaching. As a result, graduates are poised for success as productive and active scholars, researchers and teachers.

Degree Requirements:

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (24 credit hours)

- PAF 601 Advanced Public Policy Seminar (3)
- PAF 602 Advanced Research Design for Public Policy and Management (3)
- PAF 603 Advanced Economics for Public Administration and Public Policy (3)
- PAF 604 Intellectual Foundations of Public Administration (3)
- PAF 605 Organization Theory and Behavior Seminar (3)
- PAF 609 Advanced Quantitative Methods Seminar (3)
- PAF 610 Advanced Qualitative Methods for Public Affairs Research (3)
- PAF 620 Public Administration Professional Development Workshop (3)

Electives (15 credit hours)

Research (3 credit hours)

- PAF 792 Research (3)

Culminating Experience (12 credit hours)

- PAF 799 Dissertation (12)

Additional Curriculum Information

When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used for this degree.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a master's degree from a regionally accredited institution.

ASU's School of Public Affairs expects applicants for the doctorate to have demonstrated competency in the following subject areas at the time of application: organizational theory, public policy analysis, economics and quantitative analysis.

Applicants who have obtained a master's degree accredited by the Network of Schools of Public Policy, Affairs and Administration in public affairs, public administration or public policy are not required to complete prerequisites for admission to ASU's School of Public Affairs. In some cases, applicants from allied fields (i.e., political science, economics, sociology, business) are not required to complete prerequisites, depending upon the extent to which previous training aligns with the competencies described above.

As is the case with all applicants, the doctoral program director or advisors may require or recommend completion of courses when there is a perceived deficit, especially if the deficit relates to graduate-level quantitative analysis and economics (PAF 502 and PAF 504, respectively, or equivalent courses). However, these requirements or recommendations, if any, are not a barrier to admission.

In cases where the doctoral student applicant has graduated from a public affairs, public administration or public policy program from another nation, or from a program not accredited by NASPAA, the applicant may be admitted and required to meet prerequisites after a review by the doctoral committee and doctoral program director.

Students applying with master's degrees from programs not closely related to public affairs (e.g., engineering, modern languages, chemistry) are required to meet prerequisites equivalent to the courses required for either ASU's Master of Public Administration or Master of Public Policy: <https://spa.asu.edu/content/graduate-programs> (<https://spa.asu.edu/content/graduate-programs>).

Prior to enrolling in any of the school's core classes, all students are expected to be familiar with the foundational competency readings related to organizational theory, public policy analysis, economics and quantitative analysis.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program and have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts of all undergraduate and graduate coursework
- completed checklist
- written statement
- current resume or curriculum vitae
- three letters of recommendation
- samples of research reports or papers
- GRE scores (verbal, quantitative, analytical)
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must submit TOEFL scores to be considered for admission regardless of current residency; applicants should use institution code: 4007. This is true even for those who have a master's degree from a United States university. To be considered for admission to the doctoral program in public administration and policy, the minimum score on a traditional TOEFL test is 600, the minimum score for a TOEFL iBT is 100. Applicants with scores below the minimum are not considered. More on the English proficiency requirement is available at <https://admission.asu.edu/international/graduate/english-proficiency> (<https://admission.asu.edu/international/graduate/english-proficiency>).

The written statement of educational and career goals must include a discussion of research interests.

The letters of recommendation should be primarily from faculty members. All letters should address the candidate's capacity to successfully complete the doctoral program. They should assess the student's capacity for critical and analytic thought, their ability to communicate effectively, both orally and in writing, and their commitment to completion of the program.

Only GRE test scores from within the past five years are accepted, and analytical scores are considered in admissions decisions.

Admission is competitive; a limited number of well-qualified applicants are admitted each year.

Contact Information:

Public Service and Community Solutions, Watts College of
School of Public Affairs
<https://spa.asu.edu/phd>
UCENT 400
spa@asu.edu
602-496-0450

Public Policy, MPP (PPPUBPMPP)

Online Degree Search Title: Public Policy, MPP

Campus: Downtown Phoenix

Program Description:

The MPP program allows students to approach the study of public policy with a focus on public policy in the urban setting. The master's degree program in public policy prepares students for professional careers as policy analysts and leaders in public service involved in the formulation, approval, implementation and evaluation of public policy at all levels of government and in the private and nonprofit sectors. The program can also serve as a platform for preparation for doctoral studies in public policy, public administration, urban studies and other related programs.

Students learn analytical techniques and conceptual frameworks for understanding policy issues and identifying potential solutions, and about applying these skills to real-world issues --- especially to the needs of cities in the region. Students also gain an understanding of policies addressing issues such as poverty, education, the environment and public safety

The program trains people to lead by making positive policy decisions, addressing the difficult questions associated with public policy and managing the process of policy creation, approval, implementation and evaluation. At the conclusion of the master's degree program, students are able to identify, analyze and interpret the challenges and dilemmas of public policies, especially those of urban areas. Students also are able to approach policy analysis with a variety of quantitative and qualitative methods and are prepared to develop innovative processes and tools to deal with changing realities of public policy and address issues on a global, regional and local scale.

Concurrent Degrees:

This degree is also offered as concurrent degree program with:

- Criminology and Criminal Justice, MS
- Sustainability Solutions, MSUS
- Urban and Environmental Planning, MUEP

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Public Service and Public Policy, BS
- Public Service and Public Policy (Business), BS
- Public Service and Public Policy (Criminology), BS
- Public Service and Public Policy (Emergency Management and Homeland Security), BS
- Public Service and Public Policy (Health Policy), BS
- Public Service and Public Policy (Law and Policy), BS
- Public Service and Public Policy (Nonprofit Leadership and Management), BS
- Public Service and Public Policy (Parks and Recreation Management), BS
- Public Service and Public Policy (Science and Technology Policy), BS
- Public Service and Public Policy (Social Services Delivery), BS
- Public Service and Public Policy (Sustainability), BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

42 credit hours including the required capstone course PAF 509.

Required Core (27 credit hours)

- PAF 501 Public Service Research I (3)
- PAF 502 Public Service Research II (3)
- PAF 504 Microeconomics of Public Policy I (3)
- PAF 505 Public Policy Analysis (3)
- PAF 540 Advanced Policy Analysis (3)
- PAF 541 Program Evaluation (3)
- PAF 570 Microeconomics of Public Policy II (3)
- PAF 573 Applied Econometrics (3)
- PAF 574 Diversity, Ethics and Leading Public Change (3)

Electives (12 credit hours)

Culminating Experience (3 credit hours)

- PAF 509 Public Policy Capstone (3)

Additional Curriculum Information

Students enrolling in core Master of Public Policy courses must demonstrate minimum competency in statistics and American national government. Courses taken to fulfill competencies do not count toward the 42 credit hour degree program. Completion of prerequisite courses is not a

requirement for admission but must be completed within one semester after starting the program.

Students should see the academic unit for a complete list of approved electives.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts of all undergraduate and graduate coursework
- verbal, quantitative and analytical scores on the GRE (institution code: 4007) or GMAT scores
- three letters of recommendation
- written statement
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Additional requirements for international students are available at <https://admission.asu.edu/international/graduate-apply> (<https://admission.asu.edu/international/graduate-apply>).

At least two of the three letters of recommendation must be from faculty or other academic staff who can evaluate applicant's academic performance.

The one to two page written statement should state the applicant's educational and career goals and will also be used as a sample of the applicant's writing abilities.

Applicants may also submit a resume or other documents.

Fees increase after deadline.

Applicants should contact the School of Public Affairs at 602-496-0450 or email spa@asu.edu (<mailto:spa@asu.edu>) if there are questions about the application process.

Contact Information:

Public Service and Community Solutions, Watts College of
School of Public Affairs
<https://spa.asu.edu/mpp>
UCENT 400
spa@asu.edu
602-496-0450

Public Policy (Certificate), Certificate (PPPUPGRCT)

Online Degree Search Title: Public Policy (Graduate Certificate)

Campus: Downtown Phoenix

Program Description:

This certificate program in public policy prepares students for professional careers as policy analysts and leaders in public service who are involved in the formulation, approval, implementation and evaluation of public policy at all levels of government and in the private and nonprofit sectors. The program is designed to give students analytical techniques and conceptual frameworks for understanding policy issues as well as for identifying potential solutions and applying these skills to real-world issues.

Degree Requirements:

15 credit hours.

Required Core (9 credit hours)

PAF 505 Public Policy Analysis (3)
PAF 540 Advanced Policy Analysis (3)
PAF 541 Program Evaluation (3)

Electives (6 credit hours)

Additional Curriculum Information

The electives are chosen from a list of preapproved courses and are selected with the faculty advisor. The faculty advisor directs the selection of the electives to ensure that they focus on a common theme and to see that the students' experiences in the courses align with the learning goals outlined for the certificate. For the electives, students select any two three-credit PAF courses that are 500-level. Students should note that PAF 504 is a prerequisite for PAF 505.

Students are required to maintain a minimum GPA of 3.00 (scale is 4.00 = "A") and to have no more than one grade below a "B-" in courses taken to complete the certificate program.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- statement of career and educational goals
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Students from related fields (e.g., public administration, political science, planning, urban and metropolitan studies, sociology, and other social science fields) might be interested in this program. However, all eligible students are considered.

Students should see the program website for application deadlines and admission terms.

Contact Information:

Public Service and Community Solutions, Watts College of
School of Public Affairs
<https://spa.asu.edu/gradcertificates>
UCENT 400
spa@asu.edu
602-496-0450

Public Policy (Environmental Policy), MPP (PPUPEPMPP)

Online Degree Search Title: Public Policy (Environmental Policy), MPP

Campus: Downtown Phoenix

Program Description:

The MPP program allows students to approach the study of public policy with a focus on public policy in the urban setting. The master's degree program in public policy prepares students for professional careers as policy analysts and leaders in public service involved in the formulation, approval, implementation and evaluation of public policy at all levels of government and in the private and nonprofit sectors. The program can also serve as a platform for preparation for doctoral studies in public policy, public administration, urban studies and other related programs.

Students learn analytical techniques and conceptual frameworks for understanding policy issues and identifying potential solutions and about applying these skills to real-world issues, especially to the needs of cities in a region. Students also gain an understanding of policies that address issues such as poverty, education, the environment and public safety.

The program trains people to lead by making positive policy decisions, addressing the difficult questions associated with public policy, and managing the process of policy creation, approval, implementation and evaluation. At the conclusion of the master's degree program, students are

able to identify, analyze and interpret the challenges and dilemmas of public policies, especially those of urban areas. Students also are able to approach policy analysis with a variety of quantitative and qualitative methods and be prepared to develop innovative processes and tools to deal with changing realities of public policy and address issues on a global, regional and local scale.

The concentration in environmental policy prepares students at the master's degree level to apply sustainability principles and approaches to careers in a variety of fields that address environmental and, inevitably, human challenges. Students acquire the knowledge base and skills to bring sustainability solutions to corporate, government and nonprofit sectors. The concentration program begins by building a foundation in environmental policy and theory through the core coursework, followed by electives that develop and deepen student expertise in specific areas and issues. The program is uniquely positioned to allow students to build careers in public policy analysis and administration, international development and nonprofit organizations

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Public Service and Public Policy, BS
- Public Service and Public Policy (American Indian Studies), BS
- Public Service and Public Policy (Business), BS
- Public Service and Public Policy (Criminology), BS
- Public Service and Public Policy (Emergency Management and Homeland Security), BS
- Public Service and Public Policy (Health Policy), BS
- Public Service and Public Policy (Law and Policy), BS
- Public Service and Public Policy (Nonprofit Leadership and Management), BS
- Public Service and Public Policy (Parks and Recreation Management), BS
- Public Service and Public Policy (Science and Technology Policy), BS
- Public Service and Public Policy (Social Services Delivery), BS
- Public Service and Public Policy (Sustainability), BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

42 credit hours including the required capstone course PAF 509.

Required Core (27 credit hours)

- PAF 501 Public Service Research I (3)
- PAF 502 Public Service Research II (3)
- PAF 504 Microeconomics of Public Policy I (3)
- PAF 505 Public Policy Analysis (3)
- PAF 540 Advanced Policy Analysis (3)
- PAF 541 Program Evaluation (3)
- PAF 570 Microeconomics of Public Policy II (3)
- PAF 573 Applied Econometrics (3)
- PAF 574 Diversity, Ethics and Leading Public Change (3)

Concentration (6 credit hours)

- PAF/SOS 545 Organizations, Sustainability and Public Policy (3)
- PAF 546 Environmental Policy and Management (3)

Restricted Electives (6 credit hours)

Culminating Experience (3 credit hours)

- PAF 509 Public Affairs Capstone (3)

Additional Curriculum Information

Students should see the academic unit for a complete list of approved electives.

Students enrolling in core Master of Public Policy courses must demonstrate minimum competency in statistics and American national government. Courses taken to fulfill competencies do not count toward the 42 credit hour degree program. Completion of prerequisite courses is not a requirement for admission but must be completed within one semester after starting the program.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in a related field from a regionally accredited institution. Related fields include political science, sustainability, planning, business, urban and metropolitan studies and other social science disciplines, although the department may accept applicants with undergraduate degrees from all educational backgrounds provided the minimum requirements for the degree program are met.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- verbal, quantitative and analytical scores on the GRE (institution code: 4007)
- three letters of recommendation
- written statement
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Additional requirements for international students are at <https://admission.asu.edu/international/graduate-apply> (<https://admission.asu.edu/international/graduate-apply>).

At least two of the three letters of recommendation should be from faculty or other academic staff who can evaluate applicant's academic performance.

The written statement should be one to two pages in length and describe the applicant's educational and career goals. This statement is also used as a sample of the applicant's writing abilities.

Applicants also may submit a resume or other documents.

Fees increase after the deadline.

Contact Information:

Public Service and Community Solutions, Watts College of
School of Public Affairs
<https://spa.asu.edu/mpp>
UCENT 400
spa@asu.edu
602-496-0450

Public Policy (Policy Informatics), MPP (PPPUPPIMPP)

Online Degree Search Title: Public Policy (Policy Informatics), MPP

Campus: Downtown Phoenix

Program Description:

The MPP program allows students to approach the study of public policy with a focus on public policy in the urban setting. The master's degree program in public policy prepares students for professional careers as policy analysts and leaders in public service involved in the formulation, approval, implementation and evaluation of public policy at all levels of government and in the private and nonprofit sectors. The program can also serve as a platform for preparation for doctoral studies in public policy, public administration, urban studies and other related programs.

Students learn analytical techniques and conceptual frameworks for understanding policy issues and identifying potential solutions and about applying these skills to real-world issues --- especially to the needs of cities in the region. Students also gain an understanding of policies addressing issues such as poverty, education, the environment and public safety.

The program trains people capable of leading by making positive policy decisions, addressing the difficult questions associated with public policy, and managing the process of policy creation, approval, implementation and evaluation. At the conclusion of the master's degree program, students are able to identify, analyze and interpret the challenges and dilemmas of public policies, especially those of urban areas. Students also are able to approach policy analysis with a variety of quantitative and qualitative methods and be prepared to develop innovative processes and tools to deal with changing realities of public policy and address issues on a global, regional and local scale.

The Master of Public Policy program with a concentration in policy informatics provides the knowledge and skills for students who seek careers that require them to use informatics tools, models and simulations to help individuals and groups deliberate and evaluate policy decisions and explore new governance infrastructures. This concentration emphasizes theories and research concerning decision-making, complexity theory and visualization of quantitative and qualitative information, collective intelligence, behavioral economics and persuasive technologies.

The concentration combines mastery of advanced methods for processing information with domain expertise that can help humans understand complex social phenomena and achieve goals within public and governance applications. The program's design responds to the need for professionals with domain knowledge who can take a problem-driven, system-level, user-oriented perspective in developing and applying informatics systems to address societal and governance needs.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Public Service and Public Policy, BS
- Public Service and Public Policy (American Indian Studies), BS
- Public Service and Public Policy (Criminology), BS
- Public Service and Public Policy (Emergency Management and Homeland Security), BS
- Public Service and Public Policy (Health Policy), BS
- Public Service and Public Policy (Law and Policy), BS
- Public Service and Public Policy (Nonprofit Leadership and Management), BS
- Public Service and Public Policy (Parks and Recreation Management), BS
- Public Service and Public Policy (Science and Technology Policy), BS
- Public Service and Public Policy (Social Services Delivery), BS
- Public Service and Public Policy (Sustainability), BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

42 credit hours including the required capstone course PAF 509.

Required Core (27 credit hours)

- PAF 501 Public Service Research I (3)
- PAF 502 Public Service Research II (3)
- PAF 504 Microeconomics of Public Policy I (3)
- PAF 505 Public Policy Analysis (3)
- PAF 540 Advanced Policy Analysis (3)
- PAF 541 Program Evaluation (3)
- PAF 573 Applied Econometrics (3)
- PAF 574 Diversity, Ethics and Leading Public Change (3)

Concentration (9 credit hours)

- PAF 591 Topic: Complexity in Public Policy and Management (3)
- PAF 591 Topic: e-Public Administration (3)
- PAF 591 Topic: Introduction to Policy Informatics (3)

Restricted Electives (3 credit hours)

Culminating Experience (3 credit hours)

- PAF 509 Public Affairs Capstone (3)

Additional Curriculum Information

Students should see the academic unit for a complete list of approved electives.

Students enrolling in core Master of Public Policy courses must demonstrate minimum competency in statistics and American national government. Courses taken to fulfill competencies do not count toward the 42 credit hour degree program. Completion of prerequisite courses is not a requirement for admission but must be completed within one semester after starting the program.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in a related field, from a regionally accredited institution. Related fields include political science, planning, business, urban and metropolitan studies as well as other social science disciplines, although the department may accept applicants with undergraduate degrees from all educational backgrounds provided the minimum requirements for the degree program are met.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or

applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- verbal, quantitative and analytical scores on the GRE (institution code: 4007) or GMAT scores
- three letters of recommendation
- written statement
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Additional requirements for international students are at <https://admission.asu.edu/international/graduate-apply> (<https://admission.asu.edu/international/graduate-apply>).

At least two of the three letters of recommendation should be from faculty or other academic staff who can evaluate applicant's academic performance.

The written statement should be one to two pages in length and describe the applicant's educational and career goals. This statement is also used as a sample of the applicant's writing abilities.

Applicants may also submit a resume or other documents.

Application fees increase after deadline; students should see <https://admission.asu.edu/graduate/apply> (<https://admission.asu.edu/graduate/apply>).

Students should contact the School of Public Affairs at 602/496-0450 or email spa@asu.edu (<mailto:spa@asu.edu>) with any questions about the application process.

Contact Information:

Public Service and Community Solutions, Watts College of
School of Public Affairs
<https://spa.asu.edu/mpp>
UCENT 400
spa@asu.edu
602-496-0450

Public Policy (Science and Technology Policy), MPP (PPPUPSTMPP)

Online Degree Search Title: Public Policy (Science and Technology Policy), MPP

Campus: Downtown Phoenix, Tempe

Program Description:

The MPP program allows students to approach the study of public policy with a focus on public policy in the urban setting. The master's degree program in public policy prepares students for professional careers as policy analysts and leaders in public service involved in the formulation, approval, implementation and evaluation of public policy at all levels of government and in the private and nonprofit sectors. The program can also serve as a platform for preparation for doctoral studies in public policy, public administration, urban studies and other related programs.

Students learn analytical techniques and conceptual frameworks for understanding policy issues and identifying potential solutions and about applying these skills to real-world issues --- especially to the needs of cities in the region. Students also gain an understanding of policies addressing issues such as poverty, education, the environment and public safety.

The program trains people to lead by making positive policy decisions, addressing the difficult questions associated with public policy, and managing the process of policy creation, approval, implementation and evaluation. At the conclusion of the master's degree program, students are able to identify, analyze and interpret the challenges and dilemmas of public policies, especially those of urban areas. Students also are able to approach policy analysis with a variety of quantitative and qualitative methods and be prepared to develop innovative processes and tools to deal with changing realities of public policy and address issues on a global, regional and local scale.

The Master of Public Policy program with a concentration in science and technology policy provides knowledge and skills for students seeking or advancing careers in areas where science and technology are guided by public policy or where science and technology play an integral role in the policy process. This concentration emphasizes theories and research concerning the role of science in decision-making, complexity theory, institutional design of knowledge production organizations, national innovation systems, innovation and industrial policy, technology transfer and research evaluation.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Public Service and Public Policy, BS
- Public Service and Public Policy (American Indian Studies), BS
- Public Service and Public Policy (Business), BS
- Public Service and Public Policy (Criminology), BS
- Public Service and Public Policy (Emergency Management and Homeland Security), BS
- Public Service and Public Policy (Health Policy), BS
- Public Service and Public Policy (Law and Policy), BS
- Public Service and Public Policy (Nonprofit Leadership and Management), BS
- Public Service and Public Policy (Parks and Recreation Management), BS
- Public Service and Public Policy (Science and Technology Policy), BS
- Public Service and Public Policy (Social Services Delivery), BS
- Public Service and Public Policy (Sustainability), BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

42 credit hours including the required capstone course (PAF 509).

Required Core (27 credit hours)

- PAF 501 Public Service Research I (3)
- PAF 502 Public Service Research II (3)
- PAF 504 Microeconomics of Public Policy I (3)
- PAF 505 Public Policy Analysis (3)
- PAF 540 Advanced Policy Analysis (3)
- PAF 541 Program Evaluation (3)
- PAF 570 Microeconomics of Public Policy II (3)
- PAF 573 Applied Econometrics (3)
- PAF 574 Diversity, Ethics and Leading Public Change (3)

Concentration (6 credit hours)

- HSD 501 Science and Technology Policy (3)
- PAF 591 Topic: Innovation Policy (3)

Restricted Electives (6 credit hours)

Culminating Experience (3 credit hours)

- PAF 509 Public Affairs Capstone (3)

Additional Curriculum Information

Students should see the academic unit for a complete list of approved electives.

Students enrolling in core Master of Public Policy courses must demonstrate minimum competency in statistics and American national government. Courses taken to fulfill competencies do not count toward the 42 credit hour degree program. Completion of prerequisite courses is not a requirement for admission but must be completed within one semester after starting the program.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- verbal, quantitative and analytical scores on the GRE (institution code: 4007)
- three letters of recommendation
- written statement

- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. Additional requirements for international students are at <https://admission.asu.edu/international/graduate-apply> (<https://admission.asu.edu/international/graduate-apply>).

Applicants may also submit a resume or other documents.

At least two of the three letters of recommendation should be from faculty or other academic staff who can evaluate applicant's academic performance.

The written statement should be one to two pages and describe the applicant's educational and career goals. The written statement is also used as a sample of the applicant's writing abilities.

Contact Information:

Public Service and Community Solutions, Watts College of
School of Public Affairs
<https://spa.asu.edu/mpp>
UCENT 400
spa@asu.edu
602-496-0450

Public Policy (Urban Policy), MPP (PPPUPUMPP)

Online Degree Search Title: Public Policy (Urban Policy), MPP

Campus: Downtown Phoenix

Program Description:

The MPP program allows students to approach the study of public policy with a focus on public policy in the urban setting. The master's degree program in public policy prepares students for professional careers as policy analysts and leaders in public service involved in the formulation, approval, implementation and evaluation of public policy at all levels of government and in the private and nonprofit sectors. The program can also serve as a platform for preparation for doctoral studies in public policy, public administration, urban studies and other related programs.

Students learn analytical techniques and conceptual frameworks for understanding policy issues and identifying potential solutions and about applying these skills to real-world issues --- especially to the needs of cities in the region. Students also gain an understanding of policies addressing issues such as poverty, education, the environment and public safety.

The program trains people to lead by making positive policy decisions, addressing the difficult questions associated with public policy, and managing the process of policy creation, approval, implementation and evaluation. At the conclusion of the master's degree program, students are able to identify, analyze and interpret the challenges and dilemmas of public policies, especially those of urban areas. Students also are able to approach policy analysis with a variety of quantitative and qualitative methods and be prepared to develop innovative processes and tools to deal with changing realities of public policy and address issues on a global, regional and local scale.

The Master of Public Policy program with a concentration in urban policy provides knowledge and skills for students seeking or advancing careers in areas in which urban dynamics and local governance play an integral role in the policy process. This concentration's program emphasizes theories and research concerning urban policy analysis and economics as well as urban management, urban city government, public budgeting and finance in an urban context.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Public Service and Public Policy, BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

42 credit hours including the required capstone course (PAF 509).

Required Core (27 credit hours)

PAF 501 Public Service Research I (3)

PAF 502 Public Service Research II (3)

PAF 504 Microeconomics of Public Policy I (3)

PAF 505 Public Policy Analysis (3)
PAF 540 Advanced Policy Analysis (3)
PAF 541 Program Evaluation (3)
PAF 570 Microeconomics of Public Policy II (3)
PAF 573 Applied Econometrics (3)
PAF 574 Diversity, Ethics and Leading Public Change (3)

Concentration (6 credit hours)
PAF 506 Public Budgeting and Finance (3)
PAF 544 Urban Policy (3)

Electives or Research (6 credit hours)

Culminating Experience (3 credit hours)
PAF 509 Public Affairs Capstone (3)

Additional Curriculum Information

Students choose two courses from ESS 510, PAF 534, PAF 571, PUP 525 or an internship as approved by the academic unit for the electives or research credits. Internship must be 584 course number.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution in a related field. Related fields include social science disciplines, although the department may accept applicants with undergraduate degrees from all educational backgrounds provided they meet the minimum requirements for the degree program.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- three letters of recommendation
- GRE scores
- written statement
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

At least two of the three letters of recommendation should be from faculty or other academic staff who can evaluate the applicant's academic performance.

The written statement should be one to two pages and describe the applicant's educational and career goals.

The following entry-level competencies are needed for admission to the program: an undergraduate social statistics course such as PAF 301 Applied Statistics and undergraduate coursework in American national government such as POS 310 American National Government. Students may also satisfy the American national government competency by receiving a passing exam score in American Government through the College-Level Examination Program.

Students can complete deficiency classes prior to admission to the program or within their first semester after admission. Courses taken to satisfy entry-level competencies cannot be used toward the completion of the Master of Public Policy degree.

Contact Information:

Public Service and Community Solutions, Watts College of
School of Public Affairs
<https://spa.asu.edu/mpp>
UCENT 400
spa@asu.edu
602-496-0450

Public Safety Leadership & Administration (Emergency Medical Services-Mobile Integrated Healthcare), MPSLA (PPPSEMMPSL)

Online Degree Search Title: Public Safety Leadership and Administration (EMS - Mobile Integrated Health Care), MPSLA

Campus: Online

Program Description:

The MPSLA is a graduate degree program designed primarily for public safety professionals. An advanced degree is an important key to career progression within public safety administration. Those with an advanced degree have an advantage that makes a difference as they seek to advance in their professions --- a practical understanding of public safety organization administration. Graduates of this program should expect to find employment and advancement in all levels of government agencies as well as in the private sector.

The emergency medical services--mobile integrated health care concentration provides the foundations for leadership and administration of EMS organizations. This program takes a multi-professional approach to administration of EMS organizations and encompasses public policy and administration, organizational management and leadership, finance and data analysis. Students develop a platform of knowledge and skills to build a solid foundation for success within the field of EMS administration.

Degree Requirements:

33 credit hours including the required applied project course (CPP 593 or PAF 593).

Required Core (15 credit hours)

CPP 520 Program Evaluation for Emergency Management and Homeland Security (3)

CPP 521 Public Finance and Project Management for Emergency Management and Homeland Security (3) or PAF 506 Public Budgeting and Finance (3)

CPP 570 GIS for Hazards Analysis (3)

PAF 507 Public Human Resource Management (3)

PAF 508 Organization Behavior (3)

Concentration (9 credit hours)

CPP 540 Foundations of Emergency Medical Services (3)

CPP 550 Community Paramedicine: Mobile Integrated Health Care (3)

HCD 502 Health Care Systems and Design (3)

Electives or Research (6 credit hours)

Culminating Experience (3 credit hours)

CPP 593 Applied Project (3) or

PAF 593 Applied Project (3)

Additional Curriculum Information

Students choose two courses from a restricted list or any graduate-level CPP or PAF course, with program approval, for the electives or research credits.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in criminology or criminal justice, public administration or public service, sociology or social work, public safety or fire service management, parks and recreation management, applied sciences or another closely related field from a regionally accredited college or university.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- two letters of recommendation
- written statement
- evidence of current employment in an organization in this field or at least two years prior professional experience in this or a related field OR a bachelor's degree in a related area
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The written statement, at least one page in length, should describe the applicant's educational and career goals and long-term professional development strategy.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/graduate/masters-public-safety-leadership-and-administration-emergency/>)

Contact Information:

Public Service and Community Solutions, Watts College of
Watts College of Public Service & Community Solut
<https://publicservice.asu.edu/content/public-safety-leadership-administration-psla>
UCENT 780
idpadvising@asu.edu
602-496-1019

Public Safety Leadership and Administration, MPSLA (PPPSLAMPSL)

Online Degree Search Title: Master of Public Safety Leadership and Administration, MPSLA

Campus: Online

Program Description:

The MPSLA is a graduate degree program designed primarily for public safety professionals. An advanced degree is increasingly important for career progression within public safety administration. Those with an advanced degree have an advantage as they seek to advance in their professions: a practical understanding of public safety organization administration. Graduates of this program should expect to find employment and advancement in all levels of government agencies as well as in private sector organizations.

Degree Requirements:

30 credit hours including the required capstone course (PAF 509 or CRJ 505), or 33 credit hours including the required applied project (PAF 593 or CPP 593).

Required Core (15 credit hours)

CPP 520 Program Evaluation for Emergency Management and Homeland Security (3)

CPP 521 Public Finance and Project Management for Emergency Management and Homeland Security (3) or PAF 506 Public Budgeting and Finance (3)

CPP 570 GIS for Hazards Analysis (3)

PAF 507 Public Human Resource Management (3)

PAF 508 Organization Behavior (3)

Electives (15 credit hours)

Culminating Experience (3 credit hours)

CPP 593 Applied Project (3) or

PAF 593 Applied Project (3)

Additional Curriculum Information

Students should see the academic unit for approved elective course list.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in criminology or criminal justice, public administration or public service, sociology or social work, public safety or fire service management, parks and recreation management, applied sciences, environmental sciences or geography, public health, or another closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree.

All applicants must submit:

- graduate admission application and application fee

- official transcripts
- written statement
- two letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency

A written statement, at least one-page in length, which describes the applicant's educational and career goals and long-term professional development strategy is required.

There are no required admission examinations.

Current employment in an organization in this field or at least two years of prior professional experience in this or a related field or a bachelor's degree in a related area are required.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/graduate/master-public-safety-leadership-and-administration/>)

Contact Information:

Public Service and Community Solutions, Watts College of
 Watts College of Public Service & Community Solut
<https://publicservice.asu.edu/content/public-safety-leadership-administration-psla>
 UCENT 780
 idpadvising@asu.edu
 602-496-1019

Public Safety Leadership and Administration (Executive Fire Administration), MPSLA (PPPSEFMPSL)

Online Degree Search Title: Public Safety Leadership and Administration (Executive Fire Administration), MPSLA

Campus: Online

Program Description:

The MPSLA is a graduate degree program designed primarily for public safety professionals. An advanced degree is an important key to career progression within public safety administration. Those with an advanced degree have an advantage that makes a difference as they seek to advance in their professions --- a practical understanding of public safety organization administration. Graduates of this program should expect to find employment and advancement in all levels of government agencies as well as in the private sector.

The executive fire administration concentration program prepares graduates to handle the challenges facing chief officers. With coursework in strategic planning, public policy and administration, leadership and organizational management, data analysis, finance and technology, students develop a platform of knowledge and skills to build a solid foundation for success within the field of executive fire administration.

Degree Requirements:

33 credit hours including the required applied project course (CPP 593 or PAF 593).

Required Core (15 credit hours)

CPP 520 Program Evaluation for Emergency Management and Homeland Security (3)

CPP 521 Public Finance and Project Management for Emergency Management and Homeland Security (3) or PAF 506 Public Budgeting and Finance (3)

CPP 570 GIS for Hazards Analysis (3)

PAF 507 Public Human Resource Management (3)

PAF 508 Organization Behavior (3)

Concentration (9 credit hours)

CPP 530 Leadership for Innovation in Public Fire Services (3)

CPP 560 Emergency Services Operations Analysis and Planning (3)

PAF 560 Community Resilience (3)

Electives or Research (6 credit hours)

Culminating Experience (3 credit hours)

CPP 593 Applied Project (3) or

PAF 593 Applied Project (3)

Additional Curriculum Information

Students choose two courses from a restricted list or any graduate-level CPP or PAF course, with program approval, for the electives or research credits.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in criminology or criminal justice, public administration or public service, sociology or social work, public safety or fire service management, parks and recreation management, applied sciences or another closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- two letters of recommendation
- written statement
- evidence of current employment in an organization in this field or at least two years prior professional experience in this or a related field OR a bachelor's degree in a related area
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The written statement, at least one page in length, should describe the applicant's educational and career goals and long-term professional development strategy.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/graduate/masters-public-safety-leadership-and-administration-executive-fire/>)

Contact Information:

Public Service and Community Solutions, Watts College of

Watts College of Public Service & Community Solut

<https://publicservice.asu.edu/content/public-safety-leadership-administration-psla>

UCENT 780

idpadvising@asu.edu

602-496-1019

Public Safety Leadership and Administration (Executive Police Administration), MPSLA (PPPSEPMPSL)

Online Degree Search Title: Public Safety Leadership and Administration (Executive Police Administration), MPSLA

Campus: Online

Program Description:

The MPSLA is a graduate degree program designed primarily for public safety professionals. An advanced degree is an important key to career progression within public safety administration. Those with an advanced degree have an advantage that makes a difference as they seek to advance in their professions: a practical understanding of public safety organization administration. Graduates of this program should expect to find employment and advancement in all levels of government agencies as well as in the private sector.

The executive police administration concentration provides law enforcement professionals with the highly specialized knowledge and practical skills required to rise to leadership positions in a 21st-century law enforcement organization. This program enhances the leadership, management and administrative skills, knowledge and ability of present and future senior and mid-level managers and addresses the critical areas in the management of a contemporary law enforcement agency.

Degree Requirements:

33 credit hours including the required applied project course (CPP 593 or PAF 593).

Required Core (15 credit hours)

CPP 520 Program Evaluation for Emergency Management and Homeland Security (3)

CPP 521 Public Finance and Project Management for Emergency Management and Homeland Security (3) or PAF 506 Public Budgeting and Finance (3)

CPP 570 GIS for Hazards Analysis (3)

PAF 507 Public Human Resource Management (3)

PAF 508 Organization Behavior (3)

Concentration (12 credit hours)

CRJ 501 Seminar in Criminal Justice (3)

CRJ 510 Criminal Justice Planning and Program Evaluation (3)

CRJ 516 Seminar in Criminal Justice Organization and Management (3)

CRJ 518 Seminar on Race/Ethnicity, Crime and Justice (3)

Electives or Research (3 credit hours)

Culminating Experience (3 credit hours)

CPP 593 Applied Project (3) or

PAF 593 Applied Project (3)

Additional Curriculum Information

Students choose one course from a restricted list or any graduate-level CPP, CRJ or PAF course, with program approval, for the electives or research credit.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply if they have earned a bachelor's or master's degree in criminology or criminal justice, public administration or public service, sociology or social work, public safety or fire service management, parks and recreation management, applied sciences or another closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- two letters of recommendation
- written statement
- evidence of current employment in an organization in this field or at least two years prior professional experience in this or a related field OR a bachelor's degree in a related area
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The written statement, at least one page in length, should describe the applicant's educational and career goals and long-term professional development strategy.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/graduate/masters-public-safety-leadership-and-administration-executive-police/>)

Contact Information:

Public Service and Community Solutions, Watts College of

Watts College of Public Service & Community Solut

<https://publicservice.asu.edu/content/public-safety-leadership-administration-psla>

UCENT 780

idpadvising@asu.edu
602-496-1019

Social Entrepreneurship and Community Development (certificate), Certificate (PPSECDGRCT)

Online Degree Search Title: Social Entrepreneurship and Community Development (Graduate Certificate)

Campus: Downtown Phoenix, Online

Program Description:

The social entrepreneurship and community development graduate certificate program provides a framework for harnessing entrepreneurial and enterprise opportunities and creating transformative responses to challenges prevalent in communities and society. The program combines social entrepreneurship with community and social innovation, providing a basis for exploring capacity building and fostering positive change for organizations, communities and societies.

The certificate is designed for students studying nonprofit leadership and management, social entrepreneurship, public policy, innovation and related fields across disciplines.

Degree Requirements:

15 credit hours..

Required Core (6 credit hours)

NLM 562 Social Entrepreneurship (3)

NLM 572 Community and Social Innovations (3)

Electives (9 credit hours)

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International applicants are also required to submit TOEFL or IELTS scores and a financial guarantee statement.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/certificates/graduate-certificate-social-entrepreneurship-community-development/>)

Contact Information:

Public Service and Community Solutions, Watts College of

School of Community Resources and Development

<https://scrd.asu.edu>

UCENT 550

SCRD@asu.edu

602-496-0153

Social Work, MSW (PPSWDMSW)

Online Degree Search Title: Social Work - Standard Program, MSW

Campus: Downtown Phoenix, Tucson, Online

Program Description:

The professional program leading to the MSW degree prepares social workers for advanced professional social work practice. The program is designed to prepare social workers to be capable of responding effectively to the needs of special populations, particularly in the American Southwest.

The Master of Social Work program is accredited by the Council on Social Work Education.

Concurrent Degrees:

This degree is also offered as concurrent degree program with:

Juris Doctor, JD

Public Administration - Downtown Phoenix, MPA

Degree Requirements:

51 credit hours and a portfolio, or 51 credit hours and a thesis, or 51 credit hours and an applied project (SWG 593 or SWG 693), or 51 credit hours including the required capstone course (SWG 621) , or 54 credit hours and a portfolio, or 54 credit hours and a thesis, or 54 credit hours and an applied project (SWG 593 or SWG 693), or 54 credit hours including the required capstone course (SWG 621), or 57 credit hours and a portfolio, or 57 credit hours and a thesis, or 57 credit hours and applied project (SWG 593 or SWG 693), or 57 credit hours including the required capstone course (SWG 621), or 60 credit hours and a portfolio (MSW/MPA concurrent degree), or 60 credit hours and a thesis (MSW/MPA concurrent degree), or 60 credit hours and an applied project (SWG 593 or SWG 693) - Advanced Generalist Track, or 60 credit hours including the required capstone course (SWG 621) (MSW/MPA concurrent degree).

STANDARD PROGRAM (ground immersion):

Required Core (3 credit hours)

SWG 510 Foundation Practice I (3)

Foundation Coursework (18 to 27 credit hours)

SWG 501 Micro Human Behavior in the Social Environment (3)

SWG 502 Macro Human Behavior in the Social Environment (3)

SWG 511 Foundation Practice II (3)

SWG 519 Research Methods in Social Work (3)

SWG 531 Social Policy and Services (3)

SWG 533 Diversity and Oppression in a Social Work Context (3)

SWG 541 Field Practicum I (3)

SWG 542 Field Practicum II (3)

SWG 585 Macro Social Work Practice (3)

Restricted Electives (21 to 27 credit hours)

Other Requirements (3 credit hours)

SWG 610 Advanced Social Work Practice III (3) or

SWG 619 Practice-Oriented Research (3) or

SWG 623 Program Evaluation (3)

Culminating Experience Options (0 to 6 credit hours)

portfolio (0) or

SWG 599 Thesis (6) or

SWG 621 Integrative Seminar (3) or

SWG 593 Applied Project (3) or

SWG 693 Applied Project (3)

ADVANCED GENERALIST TRACK (digital immersion):

Required Core (3 credit hours)

SWG 510 Foundation Practice I (3)

Advanced Generalist Track Coursework (54 credit hours)

Culminating Experience Options (3 credit hours)

SWG 593 Applied Project (3) or

SWG 693 Applied Project (3)

Additional Curriculum Information

Students on the 51, 54 and 57 credit hour path have an undergraduate CSWE accredited BSW in Social Work degree or BA in Community Advocacy and Social Policy degree. Path selection depends on the student's educational background. Students are to consult an academic advisor in the unit.

The 60-hour Advanced Generalist Track is the digital immersion option. These students have a bachelor's or master's degree from a regionally accredited institution. Students in the 60 hour path must take foundation year coursework in restricted electives per CSWE accreditation standards.

All credit hour path criteria must be approved by the academic unit prior to selection in the iPOS. A student interested in moving to a concentration should notify the academic advisor prior to submitting their iPOS. The academic unit advises and monitor students to ensure they choose the appropriate coursework.

The number of credit hours required for restricted electives depends on the credit hour path chosen and the culminating experience. Students should see the academic unit for a complete list of approved electives.

The foundation year includes basic courses in direct practice, organizational and community change, social policy, human behavior and research. Foundation coursework is selected in consultation with the academic advisor. Students are required to complete two practicums: a foundation field placement (480 hours) and a specialization field placement (480 hours) in a different setting.

Other requirement coursework may be substituted with approval of the academic unit.

The program may be completed within four semesters (full time) or six semesters (part time).

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in a closely related field from a regionally accredited institution. All applicants are required to have completed a course in human biology and a course in statistics before enrolling in the graduate program or before registering for SWG 519.

The School of Social Work requires one of the following:

- undergraduate degree with 30 credit hours in liberal arts courses at the undergraduate or graduate level
- Bachelor of Social Work from a Council on Social Work Education-accredited school of social work
- liberal arts undergraduate degree

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts of all undergraduate and graduate work
- three letters of reference
- professional resume that includes volunteer and paid work experience
- statement of educational and career goals
- signed standards of ethical and professional behavior form
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

A combination of academic and professional references is desirable. References from friends, family members or personal therapists are not accepted. At least one of the three required references must be from the applicant's BSW field instructor or, if employed in a social work-related job for two or more years, a recommendation from the applicant's supervisor.

Professional resume should include both work and volunteer experience in social service organizations. In order to be considered for possible admission, applicants who do not have work experience in social service organizations are required to have a minimum of 240 hours of volunteer experience in the social services over a six-month period in the five years immediately preceding application.

Guidelines for writing the statement of educational and career goals can be found at <https://socialwork.asu.edu/content/msw-application-proceduresmaterials> (<https://socialwork.asu.edu/content/msw-application-proceduresmaterials>).

Test scores from either the GRE or the Miller Analogies Test are required only if the applicant's junior and senior GPA was below a 3.20 (scale is Academic Catalog Archive 2020-2021

4.00 = "A").

Students should see the program website for application deadlines.

Part-time Program

Students interested in this option must specifically apply to the part-time program and complete it in accordance with the plan developed to finish the degree in three years.

Transfer Credit

Any transfer work will be reviewed and approved in accordance with Graduate College policy. Transfer work must have been completed within three years of the semester and year of admission to the Master of Social Work degree program at ASU with a grade of "B" (3.00 on a 4.00 scale) or better.

Exemptions

Courses must have been completed within three years of the admit term of the MSW in Social Work degree. Grades received must be an A- or better. A letter of good standing is required from the institution where students have taken the coursework. Course equivalencies from outside of ASU are reviewed by the MSW Program Coordinator. Courses identified as required core and culminating experiences in the breakdown of requirements cannot be substituted.

Concurrent degrees are currently unavailable for the online Master of Social Work degree program.

Students should contact the School of Social Work with any questions about the application process.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/graduate/master-social-work-social-work/>)

Contact Information:

Public Service and Community Solutions, Watts College of
School of Social Work

<https://socialwork.asu.edu/content/academic-advising>

UCENT 800

[mswadvising@asu.edu](mailto:mwadvising@asu.edu)

602-496-0800

Social Work, PHD (PPSW2PHD)

Online Degree Search Title: Social Work, PhD

Campus: Downtown Phoenix

Program Description:

The purpose of the PhD program in social work is to train future social work scholars, social work professionals engaged in research, teaching and service.

Supplementary to the coursework, this doctoral program offers students opportunities to be actively involved in both research and teaching. Students benefit from the close mentorship of the committed faculty and regular partnerships with many internal research centers and offices. Students also receive valuable opportunities to develop a teaching portfolio, positioning them to succeed in academic careers.

Graduates are prepared to enter careers in applied research that enhance human well-being, particularly among oppressed and vulnerable populations, and to educate the next generation of social workers.

Degree Requirements:

84 credit hours, a written comprehensive exam, a prospectus and a dissertation.

Required Social Work Courses (12 credit hours)

Research Methods and Statistics (12 credit hours)

Directed Electives (9 credit hours)

Theory (3 credit hours)

Research (12 credit hours)

SWG 792 Research (12)

Culminating Experience (12 credit hours)

SWG 799 Dissertation (12)

Additional Curriculum Information

When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used for this degree. The doctoral program requires students to take a minimum of 36 course credit hours beyond the MSW in addition to the required 24 credit hours of research and dissertation; 84 credit hours are required beyond the bachelor's degree. Students may need to take additional coursework to achieve the competency requirements set by the program or set by their graduate supervisory committees.

Students develop their plan of study in consultation with the graduate supervisory committee. Required social work courses must be 700 level and approved by the doctoral program committee. Students should see the academic unit for approved course lists and other requirements for research methods and statistics courses, electives, and theory coursework.

Once the 36 minimum course credit hours are completed, students are required to register for 12 hours of SWG 792 Research before the defense of the prospectus and 12 hours of SWG 799 Dissertation after the prospectus defense. Students must be registered for at least one credit hour during the semester (including summer) when they do their dissertation proposal defense. At least one of the dissertation hours must be taken in the semester the student expects to defend his or her dissertation.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in social work or a closely related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts of all undergraduate and graduate work
- curriculum vitae or resume
- GRE scores
- personal statement
- three letters of reference
- required writing sample: social problem essay
- optional writing sample
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Admission to the doctoral program in the School of Social Work is based on the following criteria:

- an MSW from an accredited school of social work, preferably with two or more years of post-degree employment in human services
- experience in social work teaching or research and other scholarly activities
- experience with diverse populations
- goodness-of-fit with program goals
- good professional standing
- undergraduate and graduate GPA
- quality and extensiveness of social work experience
- research potential and creativity as demonstrated in requested essays and references
- scores of the GRE, with emphasis on verbal and analytic scores

Though an MSW is preferred, exceptions may be made for students with a BSW from an accredited school of social work and a master's degree in a related field and for students from countries without accreditation.

Guidelines for writing the statement can be found at <https://socialwork.asu.edu/content/application-and-admission> (<https://socialwork.asu.edu/content/application-and-admission>) under PhD Application and Admission Information.

Applicants have the option of submitting a sample of their written work. Examples include a referred journal article, a class paper and a professional report such as one might write in an agency setting. The writing sample should illustrate the applicant's ability to succeed in the doctoral program.

Guidelines for writing the statement can be found at <https://socialwork.asu.edu/content/application-and-admission> (<https://socialwork.asu.edu/content/application-and-admission>).

All required admission materials are submitted directly to Graduate Admission Services at <https://admission.asu.edu/graduate> (<https://admission.asu.edu/graduate>). Students should contact the School of Social Work at 602-496-0800 with any questions about the application process.

Students should see the program website for application deadlines.

Contact Information:

Public Service and Community Solutions, Watts College of
School of Social Work
<https://socialwork.asu.edu>
UCENT 800
social.work@asu.edu
602-496-0800

Social Work (Advanced Direct Practice), MSW (PPAPDTMSW)

Online Degree Search Title: Social Work - Advanced Standing - Direct Practice, MSW

Campus: Downtown Phoenix, Tucson

Program Description:

This program is accredited by the Council on Social Work Education.

The advanced direct practice concentration consists of three specializations that prepare students for professional practice with diverse populations in a wide variety of settings.

Across all specializations, the curriculum is guided by the social work values that emphasize evidence-based practice, client strengths, social justice and client empowerment. The primary MSW curriculum goal is to educate advanced social work practitioners who demonstrate the knowledge, skills, values and ethics of the profession and who are competent for specialized practice.

Degree Requirements:

39 credit hours including the required capstone course (SWG 621), or 51 credit hours including the required capstone course (SWG 621), or 60 credit hours including the required capstone course (SWG 621), or 60 credit hours including the required capstone course (SWG 621) (MSW/MPA concurrent degree) .

Required Core (3 credit hours)

SWG 510 Foundation Practice I (3) or

SWG 514 Bridge Seminar I (3)

Advanced Direct Practice Concentration (12 credit hours)

SWG 606 Assessment of Mental Disorders (3)

SWG 619 Practice-Oriented Research (3)

SWG 641 Advanced Practicum: Direct Practice I (3)

SWG 642 Advanced Practicum: Direct Practice II (3)

Specialization (6 credit hours)

Restricted Electives (15 to 36 credit hours)

Culminating Experience (3 credit hours)

SWG 621 Integrative Seminar (3)

Additional Curriculum Information

Students on the 39 credit hour path have an undergraduate Council on Social Work Education accredited BSW in Social Work or equivalent degree within a 3.20 Jr/Sr GPA within the last 6 years.

>Students on the 51 credit hour path have an undergraduate CSWE accredited BSW in Social Work degree.

The students on the 60 hour path have an undergraduate degree that is not directly in social work or community advocacy. Students in this path may need to take foundation coursework as part of their elective coursework to satisfy CSWE requirements. Students should see the academic advisor when selecting courses.

All credit hour path criteria must be approved by the academic unit prior to selection in the iPOS. The academic unit will advise and monitor students to ensure they choose the appropriate coursework. Core course selection will depend on the student's background.

Students select from specializations in:

- children, youth and families
- health, behavioral health
- public child welfare

The amount of restricted elective coursework depends on the credit hour path selected based on the student's background. Students should see the academic unit for a complete list of approved specialization and elective coursework.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants must have a BSW from a Council on Social Work Education-accredited program with a minimum GPA of 3.20 (scale is 4.00 = "A") in the last two years of work leading to the Bachelor of Social Work (junior and senior GPA). Applicants must have received their Bachelor of Social Work degree no more than six years prior to the date of admission to the MSW program. All applicants are required to have completed a course in human biology and a course in statistics before enrolling in the advanced standing program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts of all undergraduate and graduate work
- three letters of reference
- professional resume that includes volunteer and paid work experience
- statement of educational and career goals
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

A combination of academic and professional references is desirable. References from friends, family members or personal therapists are not accepted. At least one of the three required references must be from the applicant's BSW field instructor, or if employed in a social work-related job for two or more years, a recommendation from the applicant's supervisor.

Guidelines for writing the statement can be found at <https://socialwork.asu.edu/content/msw-application-proceduresmaterials> (<https://socialwork.asu.edu/content/msw-application-proceduresmaterials>).

Applicants should see the program website for application deadlines.

For questions about the applications process, students should contact the School of Social Work.

Contact Information:

Public Service and Community Solutions, Watts College of
School of Social Work
<https://socialwork.asu.edu/content/academic-advising>
UCENT 800
mswadvising@asu.edu
602-496-0800

Social Work (Planning, Administration and Community Practice), MSW (PPCPDTMSW)

Online Degree Search Title: Social Work - Advanced Standing - (Planning, Administration and Community Practice), MSW

Campus: Downtown Phoenix, Tucson

Program Description:

The policy, administration and community practice program prepares professional social workers for leadership in social change. Graduates work for social justice and human rights through building sustainable systems that support peoples' social well-being, often by addressing the root causes of social problems and by reforming unjust policies. The policy, administration and community practice roles include program planning and evaluation; policy development and analysis; political advocacy and lobbying; organizational leadership, management and supervision; community development, organizing and social movement building.

Students learn skills to intervene across the macro level of society: in systems, institutions, agencies, organizations, laws, policies, programs and

communities. Students complete a practicum in government, nonprofit, social service, advocacy and research agencies.

The policy, administration and community practice program is accredited by the Council on Social Work Education and certified by the Network for Social Work Management.

Degree Requirements:

39 credit hours and a portfolio, or 39 credit hours and a thesis, or 51 credit hours and a portfolio, or 51 credit hours and a thesis, or 60 credit hours and a portfolio, or 60 credit hours and a portfolio (MSW/MPA concurrent degree), or 60 credit hours and a thesis, or 60 credit hours and a thesis (MSW/MPA concurrent degree).

Required Core (3 credit hours)

SWG 510 Foundation Practice I (3) or

SWG 514 Bridge Seminar I (3)

Planning, Administration and Community Practice Concentration (21 credit hours)

SWG 623 Program Evaluation (3)

SWG 632 Policy Practice (3)

SWG 643 Advanced Practicum: Planning, Social Work Administration and Community Practice I (3)

SWG 644 Advanced Practicum: Planning, Social Work Administration and Community Practice II (3)

SWG 681 Social Work Administration (3)

SWG 682 Community Participation Strategies (3)

SWG 685 Program Planning in Social Services (3)

Electives (9 to 36 credit hours)

Culminating Experience (0 or 6 credit hours)

SWG 599 Thesis (6) or

portfolio (0)

Additional Curriculum Information

Students on the 39 credit hour path have an undergraduate Council on Social Work Education accredited BSW in Social Work or equivalent degree with a 3.20 Jr/Sr GPA within the last 6 years.

Students on the 51 credit hour path have an undergraduate CSWE accredited BSW in Social Work degree.

The 60 credit hour path students have an undergraduate degree that is not directly in social work or community advocacy. Students in this path may need to take foundation coursework as part of their elective coursework to satisfy CSWE requirements. Students should see the academic advisor when selecting courses.

All credit hour path criteria must be approved by the academic unit prior to selection in the iPOS. The academic unit advises and monitors students to ensure they choose the appropriate coursework. Core course selection depends on the student's background.

Students complete a practicum and choose one of the culminating experiences above. The amount of elective coursework allowed depends on the credit hour path chosen and the culminating experience selected. Electives may be selected from offerings at the School of Social Work or from courses offered through other departments with the approval of the MSW program coordinator.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants must have a BSW from a Council on Social Work Education-accredited program, with a minimum GPA of 3.20 (scale is 4.00 = "A") in the last two years of work leading to the Bachelor of Social Work (junior and senior GPA). Applicants must have received their Bachelor of Social Work degree no more than six years prior to the date of admission to the Master of Social Work program. All applicants are required to have completed a course in human biology and a course in statistics before enrollment in the advanced standing program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts of all undergraduate and graduate work
- three letters of reference
- professional resume that includes volunteer and paid work experience
- statement of educational and career goals
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

A combination of academic and professional references is desirable. References from friends, family members or personal therapists are not accepted. At least one of the three required references must be from the applicant's Bachelor of Social Work field instructor or, if employed in a social work-related job for two or more years, from the applicant's supervisor.

Guidelines for writing the statement can be found at <https://socialwork.asu.edu/content/msw-application-proceduresmaterials> (<https://socialwork.asu.edu/content/msw-application-proceduresmaterials>).

Applicants should see the program website for application deadlines.

Students should contact the School of Social Work with any questions about the application process.

Contact Information:

Public Service and Community Solutions, Watts College of
School of Social Work
<https://socialwork.asu.edu/content/academic-advising>
UCENT 800
mswadvising@asu.edu
602-496-0800

Social Work - Advanced Standing - Advanced Generalist, MSW (PPASWMSW)

Online Degree Search Title: Social Work - Advanced Standing - Advanced Generalist, MSW

Campus: West, ASU@Yuma

Program Description:

The professional program leading to the MSW degree prepares social workers with the knowledge, skills and values needed to practice as advanced generalists and is designed to prepare them to respond effectively to the needs of special populations in the Southwest.

The program is accredited by the Council on Social Work Education.

Degree Requirements:

39 credit hours including the required applied project course (SWG 693).

Required Core (3 credit hours)

SWG 510 Foundation Practice I (3), or

SWG 514 Bridge Seminar I (3)

Advanced Generalist Coursework (30 credit hours)

SWG 515 Bridge Seminar II (3)

SWG 516 Social Work Skills Seminar III (3)

SWG 606 Assessment of Mental Disorders (3)

SWG 610 Advanced Social Work Practice III (3)

SWG 614 Advanced Generalist Social Work Practice IV (3)

SWG 623 Program Evaluation (3)

SWG 632 Policy Practice (3)

SWG 640 Professional Seminar II: Applying Theory to Advanced Generalist Social Work Practice (3)

SWG 645 The Professional Experience III (3)

SWG 646 The Professional Experience IV (3)

Restricted Electives (3 credit hours)

Culminating Experience (3 credit hours)

SWG 693 Applied Project (3)

Additional Curriculum Information

Students have an undergraduate Council on Social Work Education-accredited BSW in Social Work or equivalent degree.

The academic unit advises and monitors students to ensure they choose the appropriate coursework. Core course selection depends on the student's background.

Students complete a practicum and an applied project.

Advanced generalist and other requirement coursework may be substituted with approval of the academic unit.

The number of credit hours required for restricted electives depends on the credit hour path chosen. Students should see the academic unit for a complete list of approved electives.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants must have a BSW from a Council on Social Work Education-accredited program with a minimum GPA of 3.20 (scale is 4.00 = "A") in the last two years of work leading to the Bachelor of Social Work (junior and senior GPA). Applicants must have received their Bachelor of Social Work degree no more than six years prior to the date of admission to the MSW program. All applicants are required to have completed a course in human biology and a course in statistics prior to enrollment in the advanced standing program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts of all undergraduate and graduate work
- three letters of reference
- professional resume that includes volunteer and paid work experience
- statement of educational and career goals
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

A combination of academic and professional references is desirable. References from friends, family members or personal therapists are not accepted. At least one of the three required references must be from the applicant's Bachelor of Social Work field instructor or, if employed in a social work-related job for two or more years, a recommendation from the applicant's supervisor.

Guidelines for writing the statement can be found at <https://socialwork.asu.edu/content/msw-application-proceduresmaterials> (<https://socialwork.asu.edu/content/msw-application-proceduresmaterials>).

Applicants should see the program website for application deadlines, and they should contact the School of Social Work with any questions about the application process.

Contact Information:

Public Service and Community Solutions, Watts College of
School of Social Work
<https://socialwork.asu.edu/content/academic-advising>
UCENT 800
mswadvising@asu.edu
602-496-0800

Sustainable Tourism, MAS (PPSUSTMAS)

Online Degree Search Title: Sustainable Tourism, MAS

Campus: Online

ASU is no longer accepting new students to this program. Please explore Degree Search for other similar program options.

Program Description:

Students in the MAS degree program in sustainable tourism receive a comprehensive education with a focus on the environmental, economic and social aspects of tourism, equipping them with the skills necessary to create pioneering sustainable development solutions to the challenges facing tourism today.

This holistic curriculum focuses on integrating all three pillars of sustainability into existing tourism theories and concepts. The program prepares future sustainable tourism professionals to meet the increasing demand for people trained in sustainability practices and the application of those practices in tourism.

The program is offered by the School of Community Resources and Development.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Tourism Development and Management, BS
- Tourism Development and Management (Resort and Hotel Leadership), BS
- Tourism Development and Management (Sustainable Tourism), BS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

31 credit hours including the required applied project course (TDM 593).

Required Core (24 credit hours)

- CRD 569 Advanced Tourism and Recreation Studies (3)
- TDM 520 Sustainable Thinking in Tourism I (3)
- TDM 521 Sustainable Thinking in Tourism II (3)
- TDM 530 Sustainable Tourism Destination Planning and Management I (3)
- TDM 531 Sustainable Tourism Destination Planning and Management II (3)
- TDM 540 Sustainable Food Management in Tourism (3)
- TDM 550 Managing the Sustainable Tourism Business (3)
- TDM 570 Sustainable Tourism (3)

Electives (3 credit hours)

Culminating Experience (4 credit hours)

- TDM 593 Applied Project (4)

Additional Curriculum Information

Students should see the academic unit for a complete list of approved electives.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in a related field such as tourism, hospitality, sustainability, environmental studies, business, geography or planning from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- three letters of recommendation
- proof of English proficiency

Additional Admission Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The online application requires three letters of recommendation; these should be from current or former employers, current or former faculty members, or others who are familiar with the applicant's scholarly and professional abilities and characteristics. Required are the names, email addresses, titles and organizations from whom the student is requesting recommendations. The three recommenders will be emailed a link to complete an online recommendation form.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/master-advanced-study-sustainable-tourism?utm_source=asu&utm_medium=degree-search&utm_campaign=asu)

Contact Information:

Public Service and Community Solutions, Watts College of
School of Community Resources and Development
<https://scrd.asu.edu/>
UCENT 550

Sustainable Tourism, MST (PPSUSTMST)

Online Degree Search Title: Sustainable Tourism, MST

Campus: Online

Program Description:

Students in the MST program receive a comprehensive education with a focus on the environmental, economic and social aspects of tourism, equipping them with the skills necessary to create pioneering sustainable development solutions to the challenges facing tourism today. This holistic curriculum focuses on integrating all three pillars of sustainability into existing tourism theories and concepts.

The program prepares future sustainable tourism professionals to meet the increasing demand for people trained in sustainability practices and the application of those practices in tourism.

Degree Requirements:

31 credit hours including the required applied project course (TDM 593).

Required Core (24 credit hours)

CRD 569 Advanced Tourism and Recreation Studies (3)

TDM 520 Sustainable Thinking in Tourism I (3)

TDM 521 Sustainable Thinking in Tourism II (3)

TDM 530 Sustainable Tourism Destination Planning and Management I (3)

TDM 531 Sustainable Tourism Destination Planning and Management II (3)

TDM 540 Sustainable Food Management in Tourism (3)

TDM 550 Managing the Sustainable Tourism Business (3)

TDM 570 Sustainable Tourism (3)

Electives or Research (3 credit hours)

Culminating Experience (4 credit hours)

TDM 593 Applied Project (4)

Additional Curriculum Information

One elective or research course is selected from an approved list for three credit hours. Students should contact the academic unit for a list of possible courses. Other courses may be used with approval from the academic unit.

Students complete an applied project that may consist of a sustainable tourism development plan for a community, a thorough sustainability audit of a tourism business, or other project as approved by the faculty advisor.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in a related field such as tourism, recreation, hospitality, business, geography or planning from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- professional statement
- resume
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. International applicants are also required to submit TOEFL or IELTS scores and a financial guarantee statement..

Letters of recommendation should be from current or former employers, current or former faculty members, or others who are familiar with the

applicant's scholarly and professional abilities and characteristics. The names, email addresses, titles and organizations from whom the student is requesting recommendations is also required.

A written professional statement describing the applicant's purpose in pursuing the master's degree is to be submitted online. In addition, a current resume is required outlining previous professional activities.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/graduate/master-advanced-study-sustainable-tourism/>)

Contact Information:

Public Service and Community Solutions, Watts College of
School of Community Resources and Development

<https://scrd.asu.edu>

UCENT 550

scrd@asu.edu

602-496-0550

Sustainable Tourism (certificate), Certificate (PPSTGRCT)

Online Degree Search Title: Sustainable Tourism (Graduate Certificate)

Campus: Online

Program Description:

The graduate certificate in sustainable tourism offered by the School of Community Resources and Development is intended for professionals who work in or desire to work in the tourism industry. The program addresses the unique character of sustainability and sustainable practices in tourism development and management. Students interested in sustainable tourism management explore the practice of management and development of sustainable tourism businesses and destinations.

Students who complete the certificate gain knowledge in topics such as the integration of economic, social and environmental aspects of sustainability as it relates to tourism; conducting sustainability audits for destinations and businesses; community impacts of tourism; and sustainable destination and business planning and management.

The program allows graduates enhanced recognition and credentials in an area experiencing a great deal of interest and growth. Students in the program will be able to further their careers by obtaining advanced education specific to sustainability practices in tourism.

Degree Requirements:

18 credit hours.

Required Core (15 credit hours)

TDM 520 Sustainable Thinking in Tourism I (3)

TDM 521 Sustainable Thinking in Tourism II (3)

TDM 530 Sustainable Tourism Destination Planning and Management I (3)

TDM 531 Sustainable Tourism Destination Planning and Management II (3)

TDM 570 Sustainable Tourism (3)

Electives (3 credit hours, choose one)

TDM 540 Sustainable Food Management in Tourism (3)

TDM 550 Managing the Sustainable Tourism Business (3)

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- two letters of recommendation

- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. International applicants are also required to submit TOEFL or IELTS scores and a financial guarantee statement.

Letters of recommendation must be from current or former employers, current or former faculty members, or others who are familiar with the applicant's scholarly and professional abilities and characteristics, and the letters are to be submitted through the online application.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/certificates/graduate-certificate-sustainable-tourism/>)

Contact Information:

Public Service and Community Solutions, Watts College of
School of Community Resources and Development
<https://scrd.asu.edu/>
UCENT 550
scrd@asu.edu
602-496-1056

Trauma and Bereavement (certificate), Certificate (HSCTBGRCT)

Online Degree Search Title: Trauma and Bereavement (Graduate Certificate)

Campus: Downtown Phoenix

Program Description:

There is a growing need in society for health care workers and clinicians to be better prepared to help clients and patients experiencing trauma.

The School of Social Work graduate certificate program in trauma and bereavement prepares individuals to work in the field of death and dying as well as with trauma and bereavement in clinical, organizational and administrative settings. The program provides students with enhanced knowledge about grief responses and the effects of trauma. Students have opportunities to research an often under-explored topic while helping transform the sociopolitical management of grief, traumatic losses and end-of-life issues in contemporary society.

Degree Requirements:

15 credit hours.

Required Core (12 credit hours)

SWG 577 Traumatic Death: Theory, Counseling and Practice (3)

SWG 612 Social Work with Groups (3)

SWG 626 Crisis Intervention and Short-Term Treatment (3)

Students select one of the following as part of the core:

SWG 541 Field Practicum I (3)

SWG 542 Field Practicum II (3)

SWG 641 Advanced Practicum: Direct Practice I (3)

SWG 642 Advanced Practicum: Direct Practice II (3)

SWG 645 The Professional Experience III (3)

SWG 646 The Professional Experience IV (3)

Electives (3 credit hours)

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Watts College of Public Service and Community Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution in fields such as psychology, sociology and social work.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- personal statement
- resume
- School of Social Work certificate application
- three references
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission be considered for admission to this certificate program.

The personal statement, resume, School of Social Work certificate application (available on the department website) and three references (forms available on the department webpage) should be submitted to the School of Social Work.

The personal statement must be two to four pages, doubled-spaced; additional guidelines are listed on the application.

No more than two certificate courses may be completed before applying for admission to the certificate program.

Students should see the program website for application deadlines.

Contact Information:

Public Service and Community Solutions, Watts College of
School of Social Work
<https://socialwork.asu.edu>
UCENT 800
social.work@asu.edu
602-496-0800

Teachers College, Mary Lou Fulton

Advanced Analytics in Higher Education, Certificate (TEAAHEGRCT)

Online Degree Search Title: Advanced Analytics in Higher Education (Graduate Certificate)

Campus: Tempe, Online

Program Description:

The graduate certificate program in advanced analytics in higher education prepares professionals to conduct the advanced analytics needed to support data-driven decision-making in all academic and operational areas of higher and postsecondary education.

The coursework addresses the application of data mining, predictive analytics, sentiment analysis and data visualization techniques to higher education-specific problems with the goal of preparing individuals at all levels to use data in their decision-making processes. Through real-world projects using commonly used tools, students apply the knowledge and skills learned while gaining an understanding of the security and ethical considerations of analytics.

Degree Requirements:

15 credit hours.

Required Core (15 credit hours)

- HED 603 Foundation of Data Analytics in Higher Education (1)
- HED 604 Analytics Process and Technology in Higher Education (2)
- HED 605 Data Management and Preparation for Higher Ed Analytics (3)
- HED 606 Advanced Analytic Methods for Higher Education (3)
- HED 607 Visualization and Presentation for Higher Education (3)
- HED 608 Trends in Advanced Analytic Methods for Higher Education (3)

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants are eligible to apply if they have earned a minimum of a bachelor's degree (business, economics, education, psychology or equivalent) or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:

- graduate admission application and application fee
- official transcripts
- personal statement describing the applicant's interests and reason for seeking this certificate
- resume
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Applicants are required to have at least one year working in an education-related field and have taken at least one graduate or undergraduate statistics course, finishing with a grade of "B" (scale is 4.00 = "A") or better.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/certificates/graduate-certificate-advanced-analytics-higher-education/>)

Contact Information:

Teachers College, Mary Lou Fulton
Educational Leadership & Innovation, Division
<https://education.asu.edu>
FAB S236
GraduateEducation@asu.edu
602-543-6358

An Overview of Autism Spectrum Disorders (certificate), Certificate (EDSPEGRCA)

Online Degree Search Title: An Overview of Autism Spectrum Disorders (Graduate Certificate)

Campus: Online

Program Description:

The graduate certificate in autism spectrum disorders is ideal for educators, interventionists, paraprofessionals, psychologists, behavior analysts and family members who want to enhance their preparation for working with children and adults affected with autism spectrum disorder.

The online program can benefit those interested in the fields of teaching, counseling, social work, speech pathology, various fields of therapy and any area that provides services to individuals on the autism spectrum.

Students can complete the graduate certificate within a two-year period while concurrently pursuing a graduate degree or they can complete it as a stand-alone certificate. Students interested in sitting for the national Board Certified Behavior Analyst exam should apply for the MA in special education with a concentration in applied behavior analysis or the applied behavior analysis graduate certificate, depending on interest and need.

Degree Requirements:

15 credit hours.

Required Core (9 credit hours)

SPE 521 Foundations of Autism Spectrum Disorders (3)

SPE 525 Measurement, Data Display, Interpretation and Experimental Data (3)

SPE 540 Family-Centered Practices (3)

Restricted Electives (6 credit hours)

SPE 520 Verbal Behavior (3)

SPE 527 Behavior Analytic Assessment (3)

SPE 541 Consultation Frameworks and Issues (3)

SPE 560 Behavior Change Procedures: Implementing Interventions in Behavior Analysis (3)

SPE 564 Controversial Therapies; Science, Fad and Pseudoscience in Educational Settings (3)

SPE 566 Applied Behavior Analysis in Inclusive Settings (3)

SPE 567 Ethics of Applied Behavior Analysis (3)

SPE 598 Special Topics (3)

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- personal statement describing the applicant's interests and reason for seeking this degree
- resume
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

GRE scores are not required for admission.

For disclosure information about this U.S. Department of Education Gainful Employment program, students should see <https://catalog.asu.edu/files/disclosures/EDSPEGRCA/Gedt.pdf> (<https://catalog.asu.edu/files/disclosures/EDSPEGRCA/Gedt.pdf>).

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/certificates/graduate-certificate-autism-spectrum-disorders/>)

Contact Information:

Teachers College, Mary Lou Fulton

Educational Leadership & Innovation, Division

<https://education.asu.edu>

ED 118

GraduateEducation@asu.edu

602-543-6358

Applied Behavior Analysis (Certificate), Certificate (TEABAGRCT)

Online Degree Search Title: Applied Behavior Analysis (Graduate Certificate)

Campus: Online

Program Description:

The graduate certificate program in applied behavior analysis pairs research and experience to prepare professionals to work with individuals with special learning and behavior needs using the principles of applied behavior analysis.

Applied projects and assignments allow students to focus on the population with which they plan to work, while gaining the knowledge and skills to use applied behavior analysis across various populations and settings. Graduates are well prepared to provide applied behavior analysis and evidence-based consultative services and support to clients, community and family members across a variety of settings.

Mary Lou Fulton Teachers College offers university coursework verified by the Association for Behavior Analysis International as meeting the coursework requirements for eligibility to take the Board Certified Behavior Analyst® examination. Once certified, these professionals are equipped to meet diverse behavior needs and make a lasting difference in the community. The course sequence meets the Behavior Analyst Certification Board-required 315 classroom hours of graduate-level instruction aligned with the BCBA/BCaBA task list (fifth edition). BCBA supervised independent fieldwork supervision hours, required for certification, is arranged and completed by the student separately from their ASU coursework. An optional remote supervised independent fieldwork practicum (SPE 580 Applied Behavior Analysis Practicum) is available. Students seeking the master's degree as well as the verified university coursework to sit for the BCBA exam should apply to the MA program in Special Education (Applied Behavior Analysis).

Degree Requirements:

21 credit hours.

Required Core (21 credit hours)

SPE 525 Measurement, data display, Interpretation and Experimental Design(3)

SPE 526 Concepts and Principles of Applied Behavior Analysis (3)

SPE 527 Behavior Analytic Assessment (3)

SPE 560 Behavior change Procedures: Implementing Interventions in Behavior Analysis (3)

SPE 562 Personnel Supervision and Organizational Behavior Management in Educational Settings (3)

SPE 563 Philosophical Foundations of Applied Behavior Analysis in Educational Settings (3)

SPE 567 Ethics of Applied Behavior Analysis (3)

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- personal statement describing the applicant's interests and reason for seeking this degree
- resume
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

GRE scores are not required for admission.

For disclosure information about this U.S. Department of Education Gainful Employment program, students should see <https://catalog.asu.edu/files/disclosures/TEABAGRCT/Gedt.pdf> (<https://catalog.asu.edu/files/disclosures/TEABAGRCT/Gedt.pdf>).

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/certificates/graduate-certificate-applied-behavior-analysis/>)

Contact Information:

Teachers College, Mary Lou Fulton

Educational Leadership & Innovation, Division

<https://education.asu.edu>

ED 118

GraduateEducation@asu.edu

602-543-6358

Curriculum and Instruction (Teaching and Learning), MEd (EDDCIMED)

Online Degree Search Title: Teaching and Learning, MEd

Campus: Online

ASU is not currently accepting applications for this program.

Program Description:

The MEd program in curriculum and instruction with a concentration in teaching and learning facilitates the development of advanced-level professional knowledge, skills and understanding through research and applied experiences. The program provides an avenue for developing skills in designing learning environments for students.

Degree Requirements:

30 credit hours including the required applied project course (SPE 593), or 30 credit hours including the required capstone course (SPE 597).

Students complete 30 credit hours in their focus area and a culminating project to be embedded within a course.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- three letters of recommendation
- personal statement
- resume
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The letters of recommendation should be from individuals who can speak to the applicant's potential for success in a graduate program.

The personal statement should describe the applicant's interests and reason for seeking this degree.

GRE scores are not required for admission.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu>)

Contact Information:

Teachers College, Mary Lou Fulton
Educational Leadership & Innovation, Division
<https://education.asu.edu>
ED 118
GraduateEducation@asu.edu
602-543-6358

Curriculum and Instruction (Applied Behavior Analysis), MEd (TEABAMED)

Online Degree Search Title: Curriculum and Instruction (Applied Behavior Analysis), MEd

Campus: Online

ASU is no longer accepting new students to this program. Students interested in an online applied behavior analysis program with coursework verified for the Board Certified Behavior Analyst examination should see the MA in Special Education (Applied Behavior Analysis) (<https://webapp4-qa.asu.edu/programs/t5/majorinfo/ASU00/TESPEABAMA/graduate/false>).

Program Description:

The MEd in curriculum and instruction with a concentration in applied behavior analysis pairs research and experience to prepare professionals to use the principles of applied behavior analysis to work with individuals with special learning and behavior needs.

The coursework prepares students to use applied behavior analysis to address a variety of learning and behavior needs across a range of professions and settings. All courses are online, combining a range of resources and technologies to provide students the opportunity to interact directly with program faculty and classmates. Program graduates are well-prepared to provide applied behavior analysis and evidence-based consultative services and support to clients, community and family members across a variety of settings.

The Mary Lou Fulton Teachers College offers university coursework preapproved by the Behavior Analyst Certification Board for students interested in sitting for the Board Certified Behavior Analyst examination. Professionals with this certification are equipped to meet diverse behavior needs and make a lasting difference in the community. The course sequence meets the BACB-required 270 classroom hours of graduate-level instruction aligned with the fourth edition task list. BCBA supervision hours, required for certification, are arranged and completed by the student separately from ASU coursework. Students not seeking the master's degree but interested in only the preapproved university coursework for the BCBA exam

may apply to the applied behavior analysis graduate certificate.

Degree Requirements:

30 credit hours including the required capstone course (SPE 597).

Concentration (24 credit hours)

Research (3 credit hours)

Culminating Experience (3 credit hours)

SPE 597 Capstone Project (3)

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- three letters of recommendation
- personal statement
- resume
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The letters of recommendation should be from individuals who can speak to the applicant's potential for success in a graduate program.

The personal statement should describe the applicant's interests and reason for seeking this degree.

GRE scores are not required for admission.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (https://asuonline.asu.edu/online-degree-programs/graduate/master-education-curriculum-and-instruction-applied-behavior-analysis?utm_source=asu&utm_medium=degree-search&utm_campaign=asu)

Contact Information:

Teachers College, Mary Lou Fulton

Educational Leadership & Innovation, Division

<https://education.asu.edu>

ED 118

GraduateEducation@asu.edu

602-543-6358

Curriculum and Instruction (Autism Spectrum Disorders), MEd (TEASDMED)

Online Degree Search Title: Curriculum and Instruction (Autism Spectrum Disorders), MEd

Campus: Online

This program is not accepting applications at this time. Applicants interested in autism spectrum disorders should apply directly to the MA in Special Education (Autism Spectrum Disorders) (<https://webapp4-qa.asu.edu/programs/t5/majorinfo/ASU00/TEASPEASDMA/graduate/false>).

Program Description:

The MEd in curriculum and instruction with a concentration in autism spectrum disorders equips individuals with the specialized skills and knowledge they need to work effectively with children and adults affected by autism.

The steady rise in the number of those affected by autism has caused a public demand for professionals who are aware of the issues and needs facing these special individuals, their families and service providers. Program graduates will be well prepared to provide important services and care

for individuals with autism spectrum disorders in a variety of roles, including as educators, interventionists, paraprofessionals, psychologists, speech pathologists, behavior analysts or family members.

Each student completes a practicum customized to individual interests and abilities. The program culminates with a capstone experience in which students demonstrate analysis and synthesis of material learned in the master's program and evidence of competency in the six Council for Exceptional Children autism standards.

Students interested in sitting for the national Board Certified Behavior Analyst exam should apply to the master's degree in special education, applied behavior analysis concentration or the applied behavior analysis graduate certificate, depending on interest and need.

Degree Requirements:

30 credit hours including the required capstone course (SPE 597).

Required Core (3 credit hours)

COE 501 Introduction to Research and Evaluation in Education (3)

Concentration (18 credit hours)

Electives (3 credit hours)

Other Requirements (3 credit hours)

SPE 580 Practicum (3)

Culminating Experience (3 credit hours)

SPE 597 Capstone (3)

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- three letters of recommendation
- personal statement
- resume
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The letters of recommendation should be from individuals who can speak to the applicant's potential for success in a graduate program.

The personal statement should describe the applicant's interests and reason for seeking this degree.

GRE scores are not required for admission.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/graduate/master-education-curriculum-and-instruction-autism-spectrum-disorders/>)

Contact Information:

Teachers College, Mary Lou Fulton

Educational Leadership & Innovation, Division

<https://education.asu.edu>

ED 118

GraduateEducation@asu.edu

602-543-6358

Curriculum and Instruction (Early Childhood Education), MEd (TEECDMED)

Online Degree Search Title: Curriculum and Instruction (Early Childhood Education), MEd

Campus: Online

Program Description:

The early childhood education concentration in the MEd program in curriculum and instruction prepares individuals to meet the educational, social and emotional needs of children from birth through age eight.

Through online coursework, applied activities and in-person professional experiences, the program equips students with specialized skills and advanced knowledge in early childhood pedagogy, community collaboration, technology, administration, policy analysis and advocacy.

The master's degree is appropriate for students interested in learning about early childhood education research and working with infants and children in grades K-3. This track may be of interest to students who already have a teaching certificate and are interested in furthering their knowledge and skills or pursuing doctoral studies in the future.

A second option is the master's degree and Arizona certification in early childhood education track, which provides students with the coursework and professional experiences necessary to become licensed to teach children birth through grade three. The track provides participants an institutional recommendation for a state of Arizona early childhood education certification (birth through age eight or through grade three) and the master's degree.

All courses are online, but clinical experiences are completed in person.

Degree Requirements:

30 credit hours including the required applied project course (ECD 593).

Students in this program complete an applied project within their plan of study as a culminating experience.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- three letters of recommendation
- personal statement
- resume
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The letters of recommendation should come from individuals who can speak to the applicant's potential for success in a graduate program.

The personal statement should describe the applicant's interests and reason for seeking this degree.

GRE scores are not required for admission.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/graduate/master-education-curriculum-and-instruction-early-childhood-education/>)

Contact Information:

Teachers College, Mary Lou Fulton
Division of Teacher Preparation
<https://education.asu.edu>

Curriculum and Instruction (Gifted Education), MEd (TEGEDMED)

Online Degree Search Title: Gifted Education, MEd

Campus: Online

Program Description:

The MEd program in curriculum and instruction with a concentration in gifted education prepares teachers, school administrators, school psychologists, early interventionists and family members to work effectively with gifted children. Students gain the theory and pedagogy needed to identify and serve gifted children as well as the knowledge and skills required to develop and provide the most current instructional methods and services for their gifted students.

Graduates understand how to identify learning potential and address specific needs of gifted and talented students. They have an understanding of gifted students' unique affective and academic needs and know how to design and provide appropriately challenging, differentiated curriculum and instruction so that gifted students may develop their full potential. Graduates know how to develop a continuum of gifted programs and services, work with school administrators, teachers, school boards and parents and be able to advocate for gifted students at local and national levels.

The program is designed for public and private teachers in regular classrooms, honors classrooms and gifted programs and for school administrators and gifted program coordinators.

The program also provides the 12 credit hours of coursework in gifted education required for the gifted education (K-12) endorsement from the Arizona Department of Education. Students should refer to the Arizona Department of Education website for additional requirements.

Degree Requirements:

30 credit hours including the required capstone course (SPE 597).

Required Core (3 credit hours)

Concentration (21 credit hours)

Electives (3 credit hours)

Culminating Experience (3 credit hours)

SPE 597 Capstone Project (3)

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- three letters of recommendation
- personal statement
- resume
- proof of English language proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The letters of recommendation should be from individuals who can speak to the applicant's potential for success in a graduate program.

The personal statement should describe the applicant's interests and reason for seeking this degree.

GRE scores are not required for admission.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/graduate/master-education-curriculum-and-instruction-teaching-and-learning-gifted-elementary/>)

Contact Information:

Teachers College, Mary Lou Fulton
Educational Leadership & Innovation, Division
<https://education.asu.edu>
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602-543-6358

Educating Multilingual Learners (Certificate), Certificate (TEESLGRCT)

Online Degree Search Title: Educating Multilingual Learners (Graduate Certificate)

Campus: Online

This program's name has changed effective Fall 2020. The previous name was English as a Second Language.

Program Description:

This graduate certificate program prepares students to educate bilingual and multilingual learners in a variety of settings, including preK-12 schools, colleges, universities and organizations serving linguistically diverse populations. Students in the educating multilingual learners certificate program gain skills and knowledge in language and literacy development, pedagogy, culture and context, and in advocacy for multilingual learners.

While the program is an excellent choice for teachers seeking to improve their preparation for bilingual and multilingual learners, it does not lead to teacher certification. There is no requirement that students entering the program hold a teaching certificate or seek to obtain one.

This certificate program is not designed to address specific requirements of any single state endorsement but may address many components for state endorsements, depending on state requirements.

Degree Requirements:

18 credit hours.

Required Core (15 credit hours)

BLE 511 Introduction to Language Minority Education (3)

BLE 520 ESL for Children (3)

BLE 522 Literacy/Biliteracy Development (3)

BLE 529 Language Assessment and Evaluation of ESL/BLE Students (3)

BLE 561 Parent Involvement in Language Minority Education Programs (3)

Electives (3 credit hours)

BLE 535 Sociolinguistic Issues in Bilingual Education (3)

BLE 537 Language Structure Acquisition (3)

Additional Curriculum Information

Students choose either BLE 535 or BLE 537 as elective coursework.

There is no culminating experience required for the certificate program.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, preferably in education or related field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts

- personal statement describing the applicant's interests and reason for seeking this degree
- resume
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

GRE scores are not required for admission.

For disclosure information about this U.S. Department of Education Gainful Employment program, students should see <https://catalog.asu.edu/files/disclosures/TEESLGRCT/Gedt.pdf> (<https://catalog.asu.edu/files/disclosures/TEESLGRCT/Gedt.pdf>).

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/certificates/graduate-certificate-english-second-language/>)

Contact Information:

Teachers College, Mary Lou Fulton
 Educational Leadership & Innovation, Division
<https://education.asu.edu>
 ED 118
 GraduateEducation@asu.edu
 602-543-6358

Education, MA (TEEDUMA)

Online Degree Search Title: Education, MA

Campus: Online

Program Description:

The MA program in education is designed for is for professionals interested in learning about education or whose work intersects with education. It prepares students to work with children, youth and adults in formal or informal learning environments in nonprofit settings, community institutions, civic organizations and businesses. The degree program provides a foundation for students to shape society by supporting educational endeavors. It also helps students develop skills for effective communication, collaboration, leadership, advocacy and innovation, all of which are essential to education professionals

This flexible graduate program can be completed in as few as sixteen months. Graduates of the program are prepared to change the face of learning throughout society.

Degree Requirements:

30 credit hours including the required applied project course (EDU 593).

Required Core (3 credit hours)

COE 501 Introduction to Research and Evaluation in Education (3)

Electives (24 credit hours)

Culminating Experience (3 credit hours)

EDU 593 Applied Project (3)

Additional Curriculum Information

The program is designed to be flexible and personalized to meet the interests of the learner. Students should see the academic unit for a list of electives to choose from as they explore focal areas of greatest interest.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College .

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:

- graduate admission application and application fee
- official transcripts
- three letters of recommendation
- written statement
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The letters of recommendation should be from individuals who can speak to the applicant's potential for success in a graduate program, and the personal statement should describe the applicant's interests and reason for seeking this degree.

GRE scores are not required for admission.

Applicants must provide a written statement of approximately 500 words that describes their personal interest in the field of education, the goals they wish to achieve while in the program, and their short- and long-term career aspirations. The admission committee pays particular attention to the quality of writing, the ideas expressed, and the relative match between the applicant and program goals.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/graduate/masters-in-education/>)

Contact Information:

Teachers College, Mary Lou Fulton
Educational Leadership & Innovation, Division
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Education (Accomplished Teaching), MA (EDACCTCMA)

Online Degree Search Title: Education (Accomplished Teaching), MA

Campus: Tempe

ASU is not currently accepting applications for this program.

This program's name has changed effective Fall 2020. The previous name was Curriculum and Instruction (Accomplished Teaching).

Program Description:

The MA program in education with an accomplished teaching concentration is designed for practicing educators who want to advance their expertise and be able to innovate not only in the classroom but also help their schools or other work settings to redesign education from a deep understanding of educational theory and practice. Students improve their understanding of student learning and assessment and they develop skills in conducting action research.

Degree Requirements:

30 credit hours including the required applied project course (DCI 593).

Required Core (15 credit hours)

Electives (12 credit hours)

Culminating Experience (3 credit hours)

DCI 593 Applied Project (3)

Additional Curriculum Information

Students should see the academic unit for an approved course list.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- three letters of recommendation
- personal statement
- resume
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The letters of recommendation should be from individuals who can comment on the applicant's potential for success in a graduate program.

The personal statement should describe the applicant's interests and reason for seeking this degree.

GRE scores are not required for admission.

Contact Information:

Teachers College, Mary Lou Fulton
Educational Leadership & Innovation, Division
<https://education.asu.edu>
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602-543-6358

Education (Educating Multilingual Learners), MA (EEDSLMA)

Online Degree Search Title: Education (Educating Multilingual Learners), MA

Campus: Online

This program's name has changed effective Fall 2020. The previous name was Curriculum and Instruction (English as a Second Language).

Program Description:

The MA in program in education with a concentration in educating multilingual learners prepares students to educate bilingual and multilingual learners in a variety of settings, including preK-12 schools, colleges, universities and organizations serving linguistically diverse populations. Students of this program gain skills and knowledge in language and literacy development, pedagogy, culture and context, and in advocacy for multilingual learners.

Program courses are designed and led by tenured faculty. The program advances a contextualized view of the nature of multilingualism, highlights language learning processes and related pedagogies, and promotes educators' self-reflection about their positionality and potential as advocates for their students.

Students take both a practicum and a capstone course. The practicum provides students an opportunity to apply theoretical and practical information presented through coursework in a real world setting. This is a structured practical experience supervised by a faculty member with whom the student works closely. For the capstone, students identify a specific topic or problem of practice and lead a research-driven project.

While the program is an excellent choice for teachers seeking to improve their preparation for bilingual and multilingual learners, it does not lead to teacher certification. There is no requirement that students entering the program hold a teaching certificate or seek to obtain one.

This program is not designed to address specific requirements of any single state endorsement but may address many components for state endorsements, depending on the state's requirements.

Note: Individuals who wish to build a career in the international field of English language teaching should consider the Master of Teaching English to

Speakers of Other Languages (<https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/LAENGMTESL/graduate/false>) (<https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/LAENGMTESL/graduate/false>) offered through The College of Liberal Arts and Sciences.

Degree Requirements:

30 credit hours including the required capstone course (BLE 597).

Required Core (3 credit hours)

COE 501 Introduction to Research and Evaluation in Education (3)

Concentration (24 credit hours)

Culminating Experience (3 credit hours)

BLE 597 Capstone (3)

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- three letters of recommendation
- personal statement
- resume
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The letters of recommendation should be from individuals who can comment on the applicant's potential for success in a graduate program.

The personal statement should describe the applicant's interests and reason for seeking this degree.

GRE scores are not required for admission.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/graduate/education-educating-multilingual-learners-ma/>)

Contact Information:

Teachers College, Mary Lou Fulton

Educational Leadership & Innovation, Division

<https://education.asu.edu>

ED 118

GraduateEducation@asu.edu

602-543-6358

Education (Literacy Education), MA (EDLANGMA)

Online Degree Search Title: Education (Literacy Education), MA

Campus: Online

This program's name has changed effective Fall 2020. The previous name was Curriculum and Instruction (Literacy Education).

Program Description:

Graduates from the literacy education program are leaders in literacy in a broad array of educational contexts --- wherever reading, writing, oral language and the visual arts are at play in both creation and use. Through the program, graduates learn how to think deeply about literacy theories, pedagogies and resources through both a solid theoretical foundation of literacy and a foundational knowledge base addressing pedagogical and

content knowledge.

Graduates learn how to support inclusive educational practices, critical-thinking skills and multiliteracies to face the challenges of a diverse and global society. Through the program, literacy leaders will learn how to use technology to encourage critical thinking and as a resource for teaching, assessment and inquiry. By the end of the program, graduates are literacy leaders who inquire into their own instructional approaches, analyze resources available for literacy instruction, and critically examine the environments and learning experiences constructed in their context.

Degree Requirements:

30 credit hours including the required capstone course RDG 597.

Required Core (9 credit hours)

Culminating Experience (0 credit hours)

written comprehensive exam

Additional Curriculum Information

Students should see the academic unit for an approved course list.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- three letters of recommendation
- personal statement
- resume
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The letters of recommendation should be from individuals who can speak to the applicant's potential for success in a graduate program and the personal statement should describe the applicant's interests and reason for seeking this degree.

GRE scores are not required for admission.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/graduate/literacy-education/>)

Contact Information:

Teachers College, Mary Lou Fulton

Educational Leadership & Innovation, Division

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ED 118

GraduateEducation@asu.edu

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Educational Leadership, MEd (EDSUPVMED)

Online Degree Search Title: Educational Leadership, MEd

Campus: Polytechnic, West

ASU is not currently accepting applications for the core degree. Students interested in the principal preparation program leading to Arizona principal certification should see the Educational Leadership (Principalship), MEd (<https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/TEPRINMED/graduate/false>).

Program Description:

The MEd program in educational leadership is designed for individuals who believe in the power of education to transform children's lives and who aspire to school leadership positions as administrators or other leadership roles in K-12 settings. This rigorous, standards-based leadership preparation program provides students with the knowledge and expertise to become transformative administrators or teacher leaders with deep and unwavering commitment to providing excellent and equitable educational opportunities for all students.

This program equips students with the skills to facilitate school-level and systemic change; create and sustain a culture of innovation and collaboration; successfully lead curriculum development; interpret and use data to support student success; provide effective feedback, support and evaluation for teachers; build a community network of support for students and schools; and ensure equitable and excellent educational opportunities and support for all students.

The master's degree program in educational leadership is designed to prepare teachers to meet Arizona requirements for principal certification. Students seeking certification in a state other than Arizona should contact their state department of education to determine the principal certification requirements prior to applying.

Degree Requirements:

36 credit hours including the required applied project (EDA 593).

Required Core (27 credit hours)

EDA 501 Competency/Performance in Educational Administration (3)

EDA 505 American Education System (3)

EDA 511 School Law (3)

EDA 514 Leadership in Curriculum and Assessment (3)

EDA 526 Instructional Supervision (3)

EDA 548 School, Family and Community Connections (3)

EDA 572 School Finance and Human Resources (3)

EDA 578 Critical Issues in Educational Leadership (3)

EDA 634 Instructional Leadership (3)

Other Requirement (6 credit hours)

EDA 584 Internship (3)

EDA 684 Internship (3)

Culminating Experience (3 credit hours)

EDA 593 Applied Project (3)

Additional Curriculum Information

The 15-month, standards-based leadership development program begins with a three-week summer intensive that immerses the cohort in a simulated school experience during which students engage in required coursework in a hybrid format. Learning continues during the school year with a blend of web-based and face-to-face courses taken at an ASU campus, including set meetings each semester wherein students visit schools and participate in instructional rounds. All students participate in a two-semester, school-based internship that provides the opportunity to apply new learning and research in a K-12 setting. The program concludes with a two-week summer intensive during which the cohort meets together and engages with coursework in a hybrid format.

Students must be employed in a school-based position or have access to an ASU- and district-approved school placement that will serve as the laboratory of practice for applying the concepts, principles and leadership approaches learned through the coursework.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution and have at least two years of pre-K through grade 12 teaching experience as a teacher of record.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- three letters of recommendation
- personal statement
- resume

- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The letters of recommendation should be from individuals who can speak to the applicant's potential for success in a graduate program.

The personal statement should describe the applicant's interests and reason for seeking this degree.

GRE scores are not required for admission.

Contact Information:

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Educational Leadership (Principalship), MEd (TEPRINMED)

Online Degree Search Title: Educational Leadership (Principalship), MEd

Campus: Polytechnic, West, ASU@Yuma, Online

Program Description:

The MEd program in educational leadership with a concentration in principalship is designed for individuals who believe in the power of education to transform children's lives and who aspire to school leadership positions as administrators or in other leadership roles in K-12 settings.

This rigorous, standards-based leadership preparation program provides students with the knowledge and expertise to become transformative administrators or teacher leaders with a deep and unwavering commitment to providing excellent and equitable educational opportunities for all students.

This program equips students with the skills to facilitate school-level and systemic change; create and sustain a culture of innovation and collaboration; successfully lead curriculum development; interpret and use data to support student success; provide effective feedback, support and evaluation for teachers; build a community network of support for students and schools; and ensure equitable and excellent educational opportunities and support for all students.

The master's degree program in educational leadership is designed to prepare teachers to meet Arizona requirements for principal certification. Students seeking certification in a state other than Arizona should contact their state department of education to determine the principal certification requirements prior to applying.

Degree Requirements:

36 credit hours including an applied project (EDA 593).

Required Core (27 credit hours)

EDA 501 Competency/Performance in Educational Administration (3)

EDA 505 American Education System (3)

EDA 511 School Law (3)

EDA 514 Leadership in Curriculum and Assessment (3)

EDA 526 Instructional Supervision (3)

EDA 548 School, Family and Community Connections (3)

EDA 572 School Finance and Human Resources (3)

EDA 578 Critical Issues in Educational Leadership (3)

EDA 634 Instructional Leadership (3)

Other Requirement (6 credit hours)

EDA 584 Internship (3)

EDA 684 Internship (3)

Culminating Experience (3 credit hours)

EDA 593 Applied Project (3)

Additional Curriculum Information

All students participate in a two-semester, school-based internship that provides the opportunity to apply new learning and research in a K-12 setting. Students must be employed in a school-based position or have access to an ASU- and district-approved school placement that will serve as the laboratory of practice for applying the concepts, principles and leadership approaches learned through the coursework.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution and have at least two years of pre-K through grade 12 teaching experience as a teacher of record.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- three letters of recommendation
- personal statement
- resume
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The letters of recommendation should be from individuals who can speak to the applicant's potential for success in a graduate program, and one of the letters must be from a current immediate supervisor who is a principal, assistant principal or the equivalent.

The personal statement should describe the applicant's interests and reason for seeking this degree.

GRE scores are not required for admission.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/graduate/master-education-educational-leadership-principalship/>)

Contact Information:

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Educational Policy, MA (EDSPFMA)

Online Degree Search Title: Educational Policy, MA

Campus: Tempe

Program Description:

The MA program in educational policy provides graduates with skills in education policy and applied data analysis. It is particularly well-suited for individuals whose current or prospective careers require the use and interpretation of data, such as overseeing assessments or conducting program evaluations. Classroom teachers and practicing educators in other contexts will gain new perspectives on their schools, classrooms and teaching with the skills they develop in this master's degree program.

The coursework deepens students' understanding of research and policymaking and allows them to critically assess education programs and policies and develop the skills they need to engage in data-driven decision-making. Courses address key issues in contemporary education policy, evaluating and synthesizing research literature, analyzing and interpreting data and conducting applied research projects. With the assistance of a faculty or academic advisor, students also customize their elective courses in educational policy, research methods and other areas of interest to enhance their knowledge and skills.

In the culminating experience in the final semester, students design and execute an individual or group project that utilizes their new knowledge and research skills.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Educational Studies, BAE

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

30 credit hours including an applied project (EPA 593).

Required Core (15 credit hours)

EPA 532 Becoming an Informed Consumer of Education Research (3)

EPA 555 Translating Research for Education Change (3)

EPA 556 Data Analysis for Education Decisionmakers (3)

EPA 559 Systematic Inquiry for Problem Solving (3)

EPA 565 Critical Topics in Education Policy (3)

Restricted Elective or Research (12 credit hours)

Culminating Experience (3 credit hours)

EPA 593 Applied Project (3)

Additional Curriculum Information

For electives or research, students should see the academic unit for the approved course list.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- three letters of recommendation
- personal statement
- resume
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The letters of recommendation should be from individuals who can speak to the applicant's potential for success in a graduate program and the personal statement should describe the applicant's interests and reason for seeking this degree.

GRE scores are not required for admission.

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Educational Policy and Evaluation, PHD (EDLDRSHPHD)

Online Degree Search Title: Educational Policy and Evaluation, PhD

Campus: Tempe

Program Description:

The PhD program in educational policy and evaluation prepares scholars to conduct rigorous, high-impact and transdisciplinary research on education policies that advance the educational conditions in preK-20 and other educational environments.

Doctoral students in the educational policy and evaluation program engage in systematic analyses of education policies and practices in a variety of settings, including schools, universities, research centers, government agencies and nongovernmental organizations.

The program emphasizes intensive training in the theory, methods and implementation of education policy with a focus on research and evaluation. Students pursue an area of specialization supported by faculty expertise.

Educational policy and evaluation students work closely with nationally and internationally recognized faculty members on collaborative and independent research projects that result in scholarly articles, policy briefs, reports and engagement in education policy. The program also provides opportunities for internships in applied settings and experiences in scholarly publishing to influence the field.

Doctoral students are expected to engage in the program full-time and are fully supported by Mary Lou Fulton Teachers College with funding renewable for four years pending adequate progress toward completing program requirements.

Degree Requirements:

84 credit hours, a written comprehensive exam, a prospectus and a dissertation.

Of the 84 credit hours required for the degree, 54 must be earned at ASU and 24 of the ASU credit hours must be earned in research and dissertation courses. The coursework includes classes in evaluation, policy analysis, research methods and an area of specialization. Students entering the doctoral program with a master's degree in a related discipline may count up to 30 credit hours from the master's degree toward the 84 credit hours. In addition, a student may use up to 12 additional credit hours toward the doctorate if documentation is provided showing that those credit hours were not part of the master's degree. Students without a master's degree in a related discipline may transfer no more than 12 credit hours toward the degree.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree from a regionally accredited institution or an international equivalent as determined by Graduate Admissions.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- three letters of recommendation
- personal statement
- GRE scores
- an academic writing sample
- curriculum vitae
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The letters of recommendation should be from individuals who can speak to the applicant's potential for success in a graduate program and

The personal statement should describe the applicant's interests and reason for seeking this degree.

There are no minimum required GRE scores.

Contact Information:

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Educational Technology, PHD (EDTECHPHD)

Online Degree Search Title: Educational Technology, PhD

Campus: Tempe

ASU is not currently accepting applications for this program.

Program Description:

The focus of the PhD program in educational technology is on the design, development and evaluation of instructional systems and on educational technology applications that support learning. The doctoral program emphasizes research using educational technology in applied settings.

The program prepares students for a variety of professional positions. Graduates are employed as faculty, educational technologists or instructional designers in universities, community colleges and schools or as training managers in corporate settings.

Degree Requirements:

84 credit hours, a written comprehensive exam, a prospectus and a dissertation.

Required Courses (24 credit hours)

EDP 540 Learning Theories and Instructional Strategies (3)

EDP 552 Multiple Regression and Correlation Methods (3)

EDP 554 Analysis-of-Variance Methods (3)

EDT 501 Foundations of Learning Design and Technologies (3)

EDT 502 Design and Development of Instruction (3)

EDT 503 Design of Effective Communications (3)

EDT 504 Modalities of Learning (3)

EDT 506 Evaluation of Learning Systems (3)

EDT 701 Research in Educational Technology (3)

Elective Courses (30 credit hours)

Students select a minimum of 30 credit hours of elective coursework in consultation with a faculty advisor or doctoral committee chair.

Practicum Hours (6 credit hours and research, below)

Students must earn at least 18 credit hours for practicum courses. Students will complete three different practica while in the program: instructional design (typically EDT 780 Practicum for three credit hours), teaching (typically EDT 680 Practicum for three credit hours), and a research practicum.

Research (12 credit hours)

Culminating Experience (12 credit hours)

EDT 799 Dissertation (12)

Admission Requirements:

Applicants must fulfill requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.20 (scale is 4.00 = "A") in their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.20 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- three email addresses for professional recommendations
- personal statement
- resume
- GRE scores
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency. The Mary Lou Fulton Teachers College requires a minimum score of 600 (paper-based) or 100 (internet-based) on the TOEFL.

Scores of 500 or above on the verbal reasoning and quantitative reasoning sections of the GRE are required as well as a score of four or greater on the analytical writing section of the GRE.

Contact Information:

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Elementary Education (Teacher Certification), MEd (TEEEACLMEDE)

Online Degree Search Title: Elementary Education (Teacher Certification), MEd

Campus: Downtown Phoenix, Tempe, West

Program Description:

This program is for those who already have a bachelor's degree in any field and want to become licensed to teach grades K-8.

The elementary education program builds strong connections between theory and practice through quality classroom instruction paired with extensive clinical experiences.

Students gain a strong foundation in teaching and content knowledge from experts in the field of education. Mary Lou Fulton Teachers College faculty actively engage in the educational research community and embed this vital knowledge throughout the program. This connection further empowers our students to engage in their own research through the applied project coursework.

A series of professional experiences or field placements are designed to assist students in developing a thorough understanding of teaching and learning as they apply knowledge from their coursework in varied school settings. Individualized guidance through the clinical framework provides students with the support they need to become effective educators.

The MEd program in elementary education offers two options for students to earn a master's degree and Arizona teacher certification:

Master's and Arizona Certification (MAC) --- In this program, students take classes at an ASU campus two nights a week and are required to do a field experience one day per week for at least two semesters. During the last semester of the MAC program, students complete a full-time teaching residency.

Induction, Master's and Arizona Certification (InMAC) --- This program features a partnership with Teach For America, various school districts and charter schools. The InMAC program provides an alternative pathway to teacher certification for full-time teachers on an intern teaching certificate. To qualify, individuals must secure a full-time teaching position. Participants take classes one night per week and must be continuously enrolled in teaching coursework.

Degree Requirements:

33 credit hours including the required applied project course (EED 593).

Required Core (27 credit hours)

- EDP 510 Psychology in Education (3)
- EED 521 Instructional Planning for the Diverse Classroom (3)
- EED 524 Social Studies Methods and Assessment (3)
- EED 529 Science Methods and Assessment (3)
- EED 537 Mathematics Methods and Assessment (3)
- ELL 504 Instructional Design for Culturally and Linguistically Diverse Students (3)
- RDG 531 Language and Literacy I (3)
- RDG 532 Language and Literacy II (3)
- SPE 524 Effective Classroom Behavior Management (3)

Other Requirement (3 credit hours)

- EED 511 Curriculum Theory and Instructional Planning (3)

Culminating Experience (3 credit hours)

- EED 593 Applied Project (3)

Additional Curriculum Information

With approval of the academic unit, an alternative course to EED 511 may fulfill this requirement.

The applied project is conducted in the school setting.

Students need to take additional coursework for tracks leading to certification, and they should see the academic unit for the approved course listing.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and Mary Lou Fulton Teachers College.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- three letters of recommendation
- personal statement
- resume
- IVP fingerprint clearance card issued by the state of Arizona
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The letters of recommendation should be from individuals who can speak to the applicant's potential for success in a graduate program.

The personal statement should describe the applicant's interests and reason for seeking this degree.

GRE scores are not required for admission.

Contact Information:

Teachers College, Mary Lou Fulton
Division of Teacher Preparation
<https://education.asu.edu>
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Gifted Education (Certificate), Certificate (TEGEDGRCT)

Online Degree Search Title: Gifted Education (Graduate Certificate)

Campus: Online

Program Description:

The graduate certificate program in gifted education prepares teachers, school administrators, school psychologists, early interventionists and family members to work effectively with gifted children. The program provides students with the theory and pedagogy needed to identify and serve gifted children as well as the knowledge and skills required to develop and provide the most current instructional methods and services for their gifted students.

Graduates of the program understand how to identify learning potential and address specific needs of gifted and talented students. They have gained an understanding of gifted students' unique affective and academic needs and know how to design and provide appropriately challenging, differentiated curriculum and instruction so that gifted students may develop their full potential.

Graduates have learned how to develop a continuum of gifted programs and services, work with school administrators, teachers, school boards and parents, and are able to advocate for gifted students at local and national levels.

The program also provides coursework in gifted education required for the gifted education (K-12) endorsement from the Arizona Department of Education. Students should refer to the Arizona Department of Education website for additional requirements.

Degree Requirements:

15 credit hours.

Required Core (12 credit hours)

SPE 585 Creativity: Foundations of Research and Development in Gifted Education (3)

SPE 586 Advising the Gifted Learner: Social and Emotional Needs (3)

SPE 587 Special Populations in Gifted Education (3)

SPE 588 The Gifted Learner: Foundations of Identification, Education and Development (3)

Electives (3 credit hours)

SPE 572 Testing and Measurement in Gifted Education: Methods (3)

SPE 573 Differentiating Instruction for Gifted Learners: Teaching Methods (3)

SPE 589 Teaching the Gifted Learner: Models, Methods and Programs (3)

Additional Curriculum Information

Students choose one course from SPE 572, SPE 573 or SPE 589 to complete the elective requirement.

There is no culminating experience required for this certificate program.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, preferably in education or related field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- personal statement
- resume
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The personal statement should describe the applicant's interests and reason for seeking this degree.

GRE scores are not required for admission.

For disclosure information about this U.S. Department of Education Gainful Employment program, students should see <https://catalog.asu.edu/files/disclosures/TEGEDGRCT/Gedt.pdf> (<https://catalog.asu.edu/files/disclosures/TEGEDGRCT/Gedt.pdf>).

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/certificates/graduate-certificate-gifted-education/>)

Contact Information:

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ED 118

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Global Education, MEd (TEGLOEDMED)

Online Degree Search Title: Global Education, MEd

Campus: Online

Program Description:

The MEd program in global education prepares professionals working in the field of international education to identify, analyze and address contemporary problems that cross borders, cultures and disciplines in a variety of international educational settings. Graduates of the program are able to evaluate current programs and practices and create innovative and sustainable solutions directed at increasing access to quality education for diverse populations, teachers and leaders, and to engage in applied educational research at the local, national and global levels.

This program is directed at individuals currently working in or interested in international education more generally, especially those charged with the administration, planning and evaluation of educational programs and policies. The prospective applicant for this program seeks to gain a deeper understanding of the complex and dynamic relationship between global and local perspectives on systems of education, develop practical solutions for key challenges in those systems and experience working collaboratively and imaginatively across disciplines.

Degree Requirements:

30 credit hours including the required applied project course (GLE 593).

Required Core (18 credit hours)

GLE 501 Global Thinking in Education (3)

GLE 502 Inquiry in Global Education (3)

GLE 503 Evaluating Global Education Policies and Programs (3)

GLE 504 Exploring Global Education Issues in the Global Education Literature (3)

GLE 505 Evidence in Global Education Inquiry (3)

GLE 506 Applied Inquiry in Global Education: Developing Proposals for Field Research (3)

Electives or Research (9 credit hours)

Culminating Experience (3 credit hours)

GLE 593 Applied Project (3)

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in global education, comparative education or other related field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:

- graduate admission application and application fee
- official transcripts
- three letters of recommendation
- personal statement
- professional resume
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Applicants must complete a personal statement that describes their background including the personal, educational and professional experiences that led them to apply to this program. Applicants should follow the specific prompt found in the application.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/graduate/global-education-med/>)

Contact Information:

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Higher and Postsecondary Education, MEd (EDPOSTMED)

Online Degree Search Title: Higher and Postsecondary Education, MEd

Campus: Downtown Phoenix, Tempe

Program Description:

The MEd program in higher and postsecondary education is designed to facilitate the professional development of those who work in colleges and universities in administrative roles as well as academic or student support positions.

The higher and postsecondary education program develops leaders who have a strong understanding of the theory and practice of higher education administration, possess the capacity to analyze issues confronting contemporary colleges and universities, and apply expertise in designing innovative solutions in administrative decision-making. The goal of this program is to provide graduates with a better understanding of the challenges that face contemporary colleges and universities and to prepare them to succeed in environments that demand innovation, excellence, inclusion and collaboration. Students have the opportunity to make a local impact to support the success of higher education in the state of Arizona.

Coursework addresses a range of practice-focused topics in the field, including the following: the history of higher education in the United States, organizational characteristics of colleges and universities, important laws and policies pertaining to administrative practice in higher education, how colleges and universities are funded, how to successfully work with the diverse stakeholders in contemporary higher education and how to collect and use data to improve decision-making.

This 30-credit hour, 10-course program is offered on a 7.5-week calendar in fall and spring semesters (six weeks in summer). Students may enroll part time or full time.

Most courses are offered in a hybrid format with 50% of the content delivered face-to-face (weekday evenings) and 50% delivered through independent or technology-supported learning experiences and fieldwork.

This program culminates with the creation and presentation of an applied project that demonstrates students' understanding of critical issues in higher education and how to collect and use data to improve their professional practice. The project is also designed to promote graduates' career advancement in higher and postsecondary education-related settings.

Degree Requirements:

30 credit hours including the required applied project course (HED 593).

Required Core (9 credit hours)

Foundation Courses (18 credit hours)

Culminating Experience (3 credit hours)

HED 593 Applied Project (3)

Addition Curriculum Information

Students should see the academic unit for a complete list of approved electives.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- three letters of recommendation
- personal statement
- resume
- proof of English language proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The letters of recommendation should be from individuals who can comment on the applicant's potential for success in a graduate program.

The personal statement should describe the applicant's interests and reason for seeking this degree.

GRE scores are not required for admission.

Contact Information:

Teachers College, Mary Lou Fulton
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602-543-6358

Institutional Research and Policy Analysis (certificate), Certificate (EDINSRESCE)

Online Degree Search Title: Institutional Research and Policy Analysis (Graduate Certificate)

Campus: Tempe

Program Description:

People working in or with schools are increasingly being asked to interpret and make decisions based on data. The graduate certificate in institutional research and policy analysis provides participants with the training and skills in education policy and applied data analysis that allow them to critically assess education programs and policies and engage in data-driven decision-making. The program consists of courses in which students analyze data from real-world settings, including their own schools or organizations.

This certificate program allows students to glean insights from data that help them make effective decisions in classrooms, schools, districts and other organizations; present reliable and pertinent data to their colleagues and administrators; and develop analyses that can help them identify instructional changes aimed at improving student achievement.

Degree Requirements:

15 credit hours.

Required Courses (15 credit hours)

EPA 532 Becoming an Informed Consumer of Education Research (3)

EPA 555 Translating Research for Educational Change (3)

EPA 556 Data Analysis for Education Decision Makers (3)

EPA 559 Systematic Inquiry for Problem Solving (3)

EPA 565 Critical Topics in Education Policy (3)

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- personal statement
- resume
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa will first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission be considered for admission to this certificate program.

The personal statement should describe the applicant's interests and reason for seeking this degree

GRE scores are not required for admission.

For disclosure information about this U.S. Department of Education Gainful Employment program, students should see <https://catalog.asu.edu/files/disclosures/EDINSRESCE/Gedt.pdf> (<https://catalog.asu.edu/files/disclosures/EDINSRESCE/Gedt.pdf>).

Contact Information:

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Instructional Design and Performance Improvement (certificate), Certificate (EEDTGRCT)

Online Degree Search Title: Instructional Design and Performance Improvement (Graduate Certificate)

Campus: Tempe

ASU is not currently accepting applications for this program.

Program Description:

Mary Lou Fulton Teachers College offers a graduate certificate in instructional design and performance improvement. The program focuses on how to facilitate learning and improve performance in a variety of settings and on design and development of instruction, instructional media design, development of computer-based instruction and trends in performance improvement.

Students can concurrently pursue the graduate certificate while enrolled in other graduate programs at ASU.

The graduate certificate includes a specific series of courses that will help a student achieve professional growth.

Degree Requirements:

15 credit hours including the required capstone course (EDT 504).

Required Core (12 credit hours)

EDT 501 Foundations of Learning Design and Technology (3)

EDT 502 Design and Development of Instruction (3)

EDT 503 Design of Effective Communications (3)

EDT 507 Performance Improvement and Leadership (3)

Culminating Experience (3 credit hours)

EDT 504 Modalities of Learning (3)

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- personal statement describing the applicant's interests and reason for seeking this degree
- resume
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa will first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission be considered for admission to this certificate program.

GRE scores are not required for admission.

For disclosure information about this U.S. Department of Education Gainful Employment program, students should see <https://catalog.asu.edu/files/disclosures/EEDTGRCT/Gedt.pdf> (<https://catalog.asu.edu/files/disclosures/EEDTGRCT/Gedt.pdf>).

Contact Information:

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602-543-6358

Leadership and Innovation, EdD (TELINEDD)

Online Degree Search Title: Leadership and Innovation, EdD

Campus: West, Online

Program Description:

The EdD program in leadership and innovation prepares scholarly practitioners and is designed for practicing educator-leaders who work in a range of settings and who want to transform their practice and create better learning opportunities for students of all ages.

Students in the program begin as accomplished teachers, teacher leaders, principals, superintendents, higher education professionals or leaders in other educational contexts. Through coursework, students deepen their abilities to lead change and implement innovation in their local educational organizations. The program is not designed to prepare students for academic research-oriented tenure-track positions.

The cohort-based program focuses on action research and includes required coursework and several options for advanced professional studies with a research core that deepens students' abilities to reflectively and critically think about problems of practice in one of the following contexts: preK-12 change leadership; higher education change leadership; or systems, professional and reimagined change leadership.

Differentiation among these contexts and students' interests occurs within the required coursework.

Students conduct multiple cycles of inquiry throughout the program and learn research within their own workplace. They share their research at the end of each academic year through presentations in a public doctoral research conference.

Leader-scholar communities, formed at the end of the first year and consisting of five to seven students and one faculty member, meet regularly for the second and third years of the program to supply academic and personal support. Through LSCs, students support each other, under faculty guidance, in the conceptualization, implementation and study of change initiatives. Each student's LSC leader serves as the dissertation chair, along with two additional committee members who ultimately make up the doctoral committee.

Successful graduates make a commitment to continuing systematic study of their professional practice and sustaining innovation and leadership by making a positive difference in their local settings. The program aims to enable more thoughtful, intentional and informed leaders who are willing and able to implement and study continuous improvement.

The program makes a difference in the way a student thinks and works as a leader in education, for the immediate and local benefit of school children, adult learners, schools or other organizations, and local communities.

Degree Requirements:

90 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core (24 credit hours)

Research (9 credit hours)

Advanced Professional Studies (6 credit hours)

Directed Field-based Study (3 credit hours)

Participation in Leader-Scholar Communities (6 credit hours)

Dissertation (12 credit hours)

Additional Curriculum Information

Students should see the academic unit for an approved course list.

Students register for required research and dissertation hours as part of the Leader-Scholar Communities requirement.

When approved by the student's supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree to be used for this degree. If students do not have a previously awarded master's degree, the 30 hours of coursework will be made up of electives to reach the required 90 credit hours.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants are eligible to apply to the program if they have earned a bachelor's and master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

- graduate admission application and application fee
- official transcripts
- three letters of recommendation
- personal statement
- an academic writing sample
- curriculum vitae
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The letters of recommendation should be from individuals who can speak to the applicant's potential for success in a graduate program and the personal statement should describe the applicant's interests and reasons for seeking this degree, along with potential problems of practice to serve as a guide for applied research in the program.

GRE scores are not required for admission.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/graduate/edd-leadership-and-innovation/>)

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Leadership and Innovation (Policy and Administration), EdD (TEINPAEDD)

Online Degree Search Title: Educational Leadership and Innovation (Policy/Admin), EdD

Campus: West

ASU is not currently accepting applications for this program.

Program Description:

The EdD in leadership and innovation program is designed for practicing educator-leaders who want to participate in creating better learning opportunities for students of all ages in a range of settings with the ultimate goal of transforming the practice of education.

The focus of the program is research in action. Students conduct multiple studies throughout the program to learn by doing and to influence change based on scholarship applied in their workplace.

Students in the program begin as accomplished teachers, teacher leaders, principals and superintendents, and "edupreneurs" or higher education professionals. Through their learning, they deepen their abilities to lead and innovate in educational organizations. The program is not designed to prepare students for academic tenure-track positions.

The cohort-based program begins in summer with an introduction to doctoral studies and the formation of a professional learning community that draws on the strengths of all group members.

Required courses are team-taught by faculty and require students to conduct research in their workplace, laying the foundation for the culminating project: the action research study documented in the dissertation.

Leader-Scholar Communities, formed at the end of the first year and consisting of five to seven students and two faculty members, meet regularly for the second and third years of the program. Students register for required research and dissertation hours as part of the LSC requirement.

Through these LSCs, students support each other, under faculty guidance, in the conceptualization, implementation and study of change initiatives. Students share their research at the end of each semester through roundtables, posters and symposia in a public research day.

Successful graduates have made a commitment to continuing systematic study of their professional practice and making a positive difference in their local workplaces putting their research in action. The program aims to enable more thoughtful, intentional and informed leaders, willing and able to implement and study change.

The program will make a difference in the way a student thinks and works as a leader in education, for the immediate and local benefit of school children, adult learners, the student's school or organization, the community and the world.

Degree Requirements:

90 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation (including a Master's degree and 60 credit hours post-Masters).

required core (15 credit hours)

research core (9 credit hours)

advanced professional studies (15 credit hours)

directed field-based study (3 credit hours)

participation in leader-scholar communities (6 credit hours)

dissertation (12 credit hours)

Admission Requirements:

The concentration in policy and administration under the EdD in leadership and innovation is no longer accepting applications. Applicants should apply to the EdD in leadership and innovation rather than a specific concentration.

Contact Information:

Teachers College, Mary Lou Fulton

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Leadership and Innovation (Teaching), EdD (TEINTEEDD)

Online Degree Search Title: Educational Leadership and Innovation (Teaching), EdD

Campus: West

ASU is not currently accepting applications for this program.

Program Description:

The EdD in leadership and innovation program is designed for practicing educator-leaders who want to participate in creating better learning opportunities for students of all ages in a range of settings with the ultimate goal of transforming the practice of education.

The focus of the program is research in action. Students conduct multiple studies throughout the program to learn by doing and to influence change based on scholarship applied in their workplace.

Students in the program begin as accomplished teachers, teacher leaders, principals and superintendents, and "edupreneurs" or higher education professionals. Through their learning, they deepen their abilities to lead and innovate in educational organizations. The program is not designed to

prepare students for academic tenure-track positions.

The cohort-based program begins in summer with an introduction to doctoral studies and the formation of a professional learning community that draws on the strengths of all group members.

Required courses are team-taught by faculty and require students to conduct research in their workplace, laying the foundation for the culminating project: the action research study documented in the dissertation.

Leader-scholar communities, formed at the end of the first year and consisting of five to seven students and two faculty members, meet regularly for the second and third years of the program. Students register for required research and dissertation hours as part of the LSC requirement.

Through these LSCs, students support each other, under faculty guidance, in the conceptualization, implementation and study of change initiatives. Students share their research at the end of each semester through roundtables, posters and symposia in a public research day.

Successful graduates have made a commitment to continuing systematic study of their professional practice and making a positive difference in their local workplaces putting their research in action. The program aims to enable more thoughtful, intentional and informed leaders, willing and able to implement and study change.

The program will make a difference in the way a student thinks and works as a leader in education, for the immediate and local benefit of school children, adult learners, the student's school or organization, the community and the world.

Degree Requirements:

90 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation (including a Master's degree and 60 credit hours post-Masters).

professional core (15 credit hours)

research core (9 credit hours)

advanced professional studies (15 credit hours)

directed field-based study (3 credit hours)

participation in leader-scholar communities (6 credit hours)

dissertation (12 credit hours)

Admission Requirements:

The concentration in leadership of teaching innovation under the EdD in leadership and innovation is no longer accepting applications. Applicants should apply to the EdD in leadership and innovation rather than a specific concentration.

Contact Information:

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Learning Design and Technologies, MEd (EDTECHMED)

Online Degree Search Title: Learning Design and Technologies, MEd

Campus: Online

Program Description:

The MEd program in learning design and technologies emphasizes the design of learning environments, systems, applications and instructional materials for multiple learning contexts. The program prepares learning design and technology professionals for a variety of formal and informal settings in business, industry, museums, nonprofits, government organizations and education, such as K-12 schools and colleges or universities.

Through projects that address real-world problems, students apply current research and learning theories, along with the use of existing and emergent technologies, to the practice of learning and instructional design. All courses are online and combine a range of resources and technologies to facilitate direct interaction between students, program faculty and classmates. Program graduates are prepared with the knowledge and skills required to address real-world problems and emerging challenges through the process of learning design.

Degree Requirements:

30 credit hours including the required applied project course (EDT 593).

Required Core (24 credit hours)

COE 501 Introduction to Research and Evaluation in Education (3)

EDP 540 Learning Theories and Instructional Strategies (3)

EDT 501 Foundations of Learning Design and Technologies (3)

EDT 502 Design and Development of Instruction (3)

EDT 503 Design of Effective Communications (3)

EDT 504 Modalities of Learning (3)

EDT 506 Evaluation of Learning Systems (3)

EDT 523 Issues in Online and Distance Education (3)

Elective (3 credit hours)

Culminating Experience (3 credit hours)

EDT 593 Applied Project (3)

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and Mary Lou Fulton Teachers College.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- three letters of recommendation
- personal statement
- resume
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

The letters of recommendation should be from individuals who can speak to the applicant's potential for success in a graduate program.

The personal statement should describe the applicant's interests and reason for seeking this degree.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/graduate/master-education-learning-design-technologies/>)

Contact Information:

Teachers College, Mary Lou Fulton

Educational Leadership & Innovation, Division

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Learning Sciences, MA (EDPSYCHMA)

Online Degree Search Title: Learning Sciences, MA

Campus: Tempe

Program Description:

The MA in learning sciences proceeds from an understanding that learning happens in many places, not just in schools.

This program focuses on the power of design thinking to improve educational systems and provides students with a blend of theoretical insights and practical tools that will prepare them to shape learning environments and experiences. The systems-level approach includes cognitive, social and contextual factors and the interactions among them.

Graduates of the program are equipped to design effective learning and teaching systems in a broad range of formal and informal settings that include museums, libraries, workplaces and schools and are well-prepared to become leaders in the development, integration and improvement of these systems.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Educational Studies, BAE

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

30 credit hours including the required applied project course (LSE 593), or 30 credit hours, a thesis and a written comprehensive exam.

Required Core (3 credit hours)

LSE 540 Theoretical Views of Learning in the Learning Sciences (3)

Electives or Research (21-24 credit hours)

Culminating Experience (3-6 credit hours)

LSE 593 Applied Project (3) or

LSE 599 Thesis (6)

Additional Curriculum Information

With advisor approval, EDP 540 may be taken in place of LSE 540 for the core requirement.

Students completing an applied project for their culminating experience will take 24 credit hours of electives or research courses.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- three letters of recommendation
- personal statement
- resume
- proof of English proficiency

Additional Admission Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The letters of recommendation should be from individuals who can speak to the applicant's potential for success in a graduate program and the personal statement should describe the applicant's interests and reason for seeking this degree.

GRE scores are not required for admission.

Contact Information:

Teachers College, Mary Lou Fulton

Educational Leadership & Innovation, Division

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Learning, Literacies and Technologies, PHD (EDCIPHD)

Online Degree Search Title: Learning, Literacies and Technologies, PhD

Campus: Tempe

Program Description:

The PhD in learning, literacies and technologies is designed to prepare scholars who will address socially significant educational programs and transform preK-20 educational programs through rigorous research and educational interventions. Graduates rely on transdisciplinary theoretical and methodological perspectives to engage, influence and transform educational institutions and their practices.

The program graduates educational researchers who serve as scholars, leaders and teacher educators engaged in the design, development and use of literacies and technologies that promote learning. Graduates are stewards of their educational field, working across disciplinary boundaries to address the learning challenges of the new millennium.

Students begin engaging in research studies during their first semester and continue throughout the four-year program. Faculty with diverse disciplinary backgrounds collaborate with doctoral students, individually and in teams, to design powerful studies, implement them in authentic settings, collect and analyze data, write research reports, and present and publish the results.

Academic study and research in the learning, literacies and technologies program focuses on the nature of human learning and literacies across diverse learners and contexts, the use of technologies to support learning, the design of learning environments and the conditions under which learning occurs.

Students develop areas of emphasis with their faculty advisor and doctoral committee members, to work at the cutting edges of educational science, leading the way to innovation and exploration of new technologies and literacies for learning.

Students are expected to engage in the doctoral program full time and are supported by Mary Lou Fulton Teachers College with funding renewable for four years with continued satisfactory progress.

Degree Requirements:

85 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

core courses (13 credit hours)

specialization courses (12 credit hours)

elective or research courses (12 credit hours)

research (3 credit hours)

internship (3 credit hours)

dissertation (12 credit hours)

Additional Curriculum Information

When approved by the student's supervisory committee, this program allows 30 credit hours from a previously awarded master's degree to be used for this program.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants are eligible to apply to the program if they have earned a bachelor's and master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All Applicants must submit:

- graduate admission application and application fee
- official transcripts
- GRE scores
- three letters of recommendation from individuals who can speak to the applicant's potential for success in a graduate program
- personal statement describing the applicant's interests and reason for seeking this degree
- an academic writing sample
- curriculum vitae
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

There are no minimum required GRE scores.

Contact Information:

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Online Teaching for Grades K-12 (certificate), Certificate (TEEDTGRCT)

Online Degree Search Title: Online Teaching for Grades K-12 (Graduate Certificate)

Campus: Tempe, Online

ASU is not currently accepting applications for this program.

Program Description:

This certificate program prepares educators to design systems for learning in a broad range of organizations and includes practical application of research on learning, design methods and organizational dynamics. Students who complete the certificate program are prepared to be effective members and leaders of teams who redesign education in pre K-20 and other settings.

Degree Requirements:

15 credit hours including the required capstone course (EDT 580).

The certificate requires five courses, each consisting of three credit hours. The culminating experience for this certificate program is an electronic portfolio that will be completed in EDT 580.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- personal statement describing the applicant's interests and reason for seeking this degree
- resume
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

International students who need an F1 or J1 visa will first need to apply to and be accepted into a graduate degree program prior to being considered for the certificate program. International students residing in the USA on other types of visas must adhere to all Graduate College policies and procedures regarding admission be considered for admission to this certificate program.

GRE scores are not required for admission.

Applicants should have at least one year of professional education experience.

For disclosure information about this U.S. Department of Education Gainful Employment program, students should see <https://catalog.asu.edu/files/disclosures/TEEDTGRCT/Gedt.pdf> (<https://catalog.asu.edu/files/disclosures/TEEDTGRCT/Gedt.pdf>).

Contact Information:

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Physical Education, MPE (ECPHYEDMPE)

Online Degree Search Title: Physical Education, MPE

Campus: Polytechnic

Program Description:

The MPE program is for students interested in gaining knowledge of current curriculum and instructional and administrative practices and procedures in physical education.

Emphasis is placed on improving instructional effectiveness and developing quality physical education programs in school settings as well as expanded physical activity programming beyond the physical education lessons within school environments. Students learn about designing, implementing and assessing comprehensive school physical activity programs. This type of programming reflects current global trends in promoting physical activity for children, youth, school staff and families in communities surrounding school campuses.

The Master of Physical Education degree program gives candidates the flexibility to design a plan of study that enhances their interests and professional specialization. Students can choose from three track options: the pedagogy research track, a physical endorsement (grades K-12), or an Arizona certification in physical education.

Master of Physical Education pedagogy research track --- This track is appropriate for students interested in learning more about research on teaching in physical education settings. This track may be of interest to students who already have a teacher certificate in physical education and are interested in pursuing doctoral studies in the future.

Master of Physical Education with a physical education endorsement (grades K-12) --- This track familiarizes students with the most current trends and issues in school physical education. Students can focus on numerous topics within elementary physical education, secondary physical education and adapted physical education. This track may be of interest to students with a teaching certificate in a different subject matter who are interested in a K-12 physical education endorsement.

Master of Physical Education and Arizona certification in physical education --- This program provides students with the coursework and practical experiences necessary to become certified to teach physical education in the public schools. The program provides participants an institutional recommendation for an Arizona secondary education (grades 6-12) certification with a physical education endorsement (grades K-12) and the Master of Physical Education degree.

Degree Requirements:

33 credit hours including the required applied project course (PPE 593) and a written comprehensive exam.

The Master of Physical Education degree program has three tracks.

Physical Education K-12 Teaching Track: (33 credit hours)

required core (24 credit hours)

electives (6 credit hours)

applied project (3 credit hours)

Physical Education Pedagogy Research Track: (33 credit hours)

required core (24 credit hours)

electives (6 credit hours)

applied project (3 credit hours)

Physical Education Initial Teacher Certification Track: (33 credit hours)*

required core (24 credit hours)

electives (6 credit hours)

applied project (3 credit hours)

*additional courses are required for certification

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and Mary Lou Fulton Teachers College.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- three letters of recommendation
- personal statement
- resume
- IVP Fingerprint Clearance Card issued by the State of Arizona
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency (e.g., TOEFL).

The letters of recommendation should be from individuals who can speak to the applicant's qualifications and potential for success in a graduate program.

The personal statement should describe the applicant's interests and reason for seeking this degree.

GRE scores are not required for admission.

Contact Information:

Teachers College, Mary Lou Fulton

Division of Teacher Preparation

<https://education.asu.edu>

SANCA 331

GraduateEducation@asu.edu

480-727-1103

Secondary Education (Teacher Certification), MEd (TESCERTMED)

Online Degree Search Title: Secondary Education (Teacher Certification), MEd

Campus: Downtown Phoenix, Polytechnic, Tempe, West

Program Description:

This program is for those who want to become certified to teach grades 6-12 in the public schools and already have a bachelor's degree in any field.

ASU's secondary education program builds strong connections between theory and practice through quality classroom instruction paired with extensive clinical experiences.

Students gain a strong foundation in teaching and content knowledge from experts in the field of education. Mary Lou Fulton Teachers College faculty actively engage in the educational research community and embed this vital knowledge throughout the program. This connection further empowers our students to engage in their own research through the culminating action research applied project.

A series of professional experiences or field placements are designed to assist students in developing a thorough understanding of teaching and learning as they apply knowledge from their coursework in varied school settings. Individualized guidance through the program's clinical framework provides students with the support they need to be successful in today's rapidly evolving educational environment.

The MEd program in secondary education with teacher certification offers two options for students to earn a master's degree and Arizona teacher certification: MAC and InMAC.

Master's and Arizona Certification (MAC) -- In this program, students take classes at an ASU campus two nights a week and are required to do a field internship one day per week. During the last semester of the program, students complete a full-time teaching residency in their content area.

Induction, Master's and Arizona Certification (InMAC) -- This program provides an alternative pathway to teacher certification for full-time teachers on a teaching intern certificate. To qualify, individuals must secure a full-time teaching position. The InMAC program also features a partnership with Teach For America. Participants take classes one night per week. The InMAC program supports individuals teaching in elementary, secondary and special education classrooms through coursework and supervised professional experiences.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Engineering (Automotive Systems), BSE
- Engineering (Electrical Systems), BSE
- Engineering (Humanitarian Engineering), BSE
- Engineering (Mechanical Engineering Systems), BSE
- Engineering (Robotics), BSE

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Degree Requirements:

33 credit hours including the required applied project course (SED 593).

Required Core (18 credit hours)

RDG 507 Content Area Literacy (3)

SED 501 Introduction to Effective Instruction (3)

SED 522 Secondary School Curriculum Development (3)

SED 544 Creating Classroom Climates (3)

SPE 555 Inclusive Practices for Diverse Learners (3)

TEL 505 American Educational Policy (3)

Track (12 credit hours)

Culminating Experience (3 credit hours)

SED 593 Applied Project (3)

Additional Curriculum Information

Students select one of two tracks: Masters and Arizona Certification (MAC) or Intern, Masters and Arizona Certification (InMAC). Students should see the academic unit for the list of courses required in each track option.

The applied project must be completed during the teaching residency.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- three letters of recommendation
- personal statement
- resume
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The letters of recommendation should be from individuals who can speak to the applicant's potential for success in a graduate program.

The personal statement should describe the applicant's interests and reason for seeking this degree.

GRE scores are not required for admission.

Contact Information:

Teachers College, Mary Lou Fulton
Division of Teacher Preparation

<https://education.asu.edu>
ED 118
GraduateEducation@asu.edu
602-543-6358

Special Education, MA (EDSPEDMA)

Online Degree Search Title: Special Education, MA

Campus: Tempe, Online

This program is not accepting applications at this time. Applicants interested in the MA in Special Education program should apply directly to the applied behavior analysis concentration.

Program Description:

Graduates from the MA program in special education are able to design and deliver education and related services for populations with diverse needs. The skills developed through this degree program include systematic planning for all individuals, support of positive behavior and advocacy for new, research-based approaches to education and related services.

Degree Requirements:

Required Core (3 credit hours)

SPE 525 Measurement, Data Display, Interpretation and Experimental Design (3)

Electives (24 credit hours)

Culminating Experience (3 credit hours)

SPE 593 Applied Project (3) or

SPE 597 Capstone (3)

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in education or a related field from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- letter of intent or written statement
- professional resume
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu>)

Contact Information:

Teachers College, Mary Lou Fulton
Educational Leadership & Innovation, Division
<https://education.asu.edu>
FAB 200
graduateeducation@asu.edu
480-965-5555

Special Education (Applied Behavior Analysis), MA (TESPEABAMA)

Online Degree Search Title: Special Education (Applied Behavior Analysis), MA

Campus: Online

Program Description:

The MA program in special education with a concentration in applied behavior analysis combines research and experience to prepare professionals to use principles of ABA with individuals who have special learning and behavior needs. The coursework prepares students to use applied behavior analysis to address a variety of learning and behavior needs across a range of professions and settings. All courses are online, combining an assortment of resources and technologies to provide students the opportunity to interact directly with program faculty and classmates.

Program graduates are well prepared to provide applied behavior analysis and evidence-based consultative services and support to clients, community and family members across a variety of settings. Coursework is verified by the Behavior Analyst Certification Board for students interested in sitting for the Board Certified Behavior Analyst examination. BCBA supervised independent fieldwork, required for certification, is arranged and completed by the student separately from their ASU coursework.

Degree Requirements:

30 credit hours including a Applied Project (SPE 593), or 30 credit hours including a Capstone Course (SPE 597).

Required Core (3 credit hours)

SPE 525 Measurement, Data Display, Interpretation and Experimental Design (3)

Concentration (18 credit hours)

SPE 526 Concepts and Principles of Applied Behavior Analysis (3)

SPE 527 Behavior Analytic Assessment (3)

SPE 560 Behavior Change Procedures: Implementing Interventions in Behavior Analysis (3) SPE 562 Personnel Supervision and Organizational Behavior Management in Educational Settings (3)

SPE 563 Philosophical Foundations of Applied Behavior Analysis in Educational Settings (3)

SPE 567 Ethics of Applied Behavior Analysis (3)

Electives (6 credit hours)

Culminating Experience (3 credit hours)

SPE 593 Applied Project (3)

SPE 597 Capstone (3)

Additional Curriculum Information

Students may choose to complete a remote supervised independent fieldwork practicum (SPE 580).

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in any field, from a regionally accredited institution. A degree in education or another field related to applied behavior analysis is preferred.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- personal statement
- three letters of recommendation
- resume
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The personal statement should demonstrate the applicant's goals with respect to the program outcomes and success in a graduate and online program. The statement should also demonstrate high-quality writing and awareness that the student understands the demands of graduate school.

Three letters of recommendation from individuals who can speak to the applicant's potential for success in a graduate program are required for admission.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/graduate/master-arts-special-education-applied-behavior-analysis/>)

Contact Information:

Teachers College, Mary Lou Fulton
Educational Leadership & Innovation, Division
<https://education.asu.edu>
FAB 200
graduateeducation@asu.edu
602-543-6358

Special Education (Autism Spectrum Disorder), MA (TESPEASDMA)

Online Degree Search Title: Special Education (Autism Spectrum Disorders), MA

Campus: Online

Program Description:

The steady rise in the rates of autism spectrum disorders has caused a public demand for competent professionals to work with those affected. This MA program with a concentration in autism spectrum disorders prepares graduates to provide important services and care in a variety of roles for children and adults with ASD.

There is increasing demand for professionals who are aware of the issues and needs facing these special individuals, their families and service providers. Program graduates will be well-prepared to provide important services and care for individuals with ASD in a variety of roles, including as educators, interventionists, paraprofessionals, psychologists, speech pathologists, therapists or family members.

Degree Requirements:

30 credit hours including the required applied project course (SPE 593), or 30 credit hours including the required capstone course (SPE 597).

Required Core (3 credit hours)

SPE 525 Measurement, Data Display, Interpretation and Experimental Design (3)

Concentration (12 credit hours)

SPE 521 Foundations of Autism Spectrum Disorders (3)

SPE 540 Family-Centered Practices (3)

SPE 541 Consultation Frameworks and Issues (3)

SPE 566 Applied Behavior Analysis in Inclusive Settings (3)

Electives or Research (9 credit hours)

Other Requirement (3 credit hours)

SPE 680 Practicum (3)

Culminating Experience (3 credit hours)

SPE 593 Applied Project (3) or

SPE 597 Capstone (3)

Additional Curriculum Information

Each student completes a practicum customized to individual interests and abilities. For the culminating experience, students may elect to complete a capstone experience or applied project, based on personal and professional interest and need.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in education, psychology, or a related field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:

- graduate admission application and application fee
- official transcripts
- written statement
- professional resume
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The transcript must show the bachelor's degree already conferred. In-progress bachelor's degrees not accepted.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu>)

Contact Information:

Teachers College, Mary Lou Fulton
 Educational Leadership & Innovation, Division
<https://education.asu.edu/>
 FAB S200
graduateeducation@asu.edu
 602-543-6358

Special Education (Teacher Certification), MEd (TESECRTMED)

Online Degree Search Title: Special Education (Teacher Certification), MEd

Campus: Downtown Phoenix, Polytechnic, Tempe, West

Program Description:

This program is for those seeking Arizona teacher certification in special education. The special education program builds strong connections between theory and practice through quality classroom instruction paired with extensive clinical experiences.

Students gain a strong foundation in teaching and content knowledge from experts in the field of education. Mary Lou Fulton Teachers College faculty actively engage in the educational research community and embed this vital knowledge throughout the program. This connection further empowers students to engage in their own research through the culminating action research applied project.

A series of professional experiences or field placements are designed to assist students in developing a thorough understanding of teaching and learning as they apply knowledge from their coursework in varied school settings. Individualized guidance through the professional framework provides students with the support they need to be successful in today's rapidly evolving educational environment.

The MEd program in special education with Arizona teacher certification offers two options for students to earn a master's degree and Arizona teacher certification:

Master's and Arizona Certification (MAC): In this program, students take classes at an ASU campus two nights a week and are required to complete daytime field experiences for at least two semesters. During the last semester of the program, students complete a full-time split residency: half the semester in a special education classroom and the other half in an elementary classroom. Students in the MAC program receive dual Arizona teacher certification in the following teaching certificates: Mild-Moderate Disabilities Special Education, K-12 and Elementary Education, grades 1-8. The mild to moderate areas include forms of emotional, behavioral, learning and orthopedic disabilities as well as intellectual disabilities and other health impairments.

Induction, Master's and Arizona Certification (InMAC): This program provides an alternative pathway to the Arizona teacher certification Mild-Moderate Disabilities Special Education, K-12, for full-time teachers on the teaching intern certificate. To qualify, individuals must secure a full-time teaching position. The InMAC program also features a partnership with Teach For America. Participants take classes one night per week.

Degree Requirements:

33 credit hours including the required applied project course (SPE 593).

Required Core (12 credit hours)

EED 537 Mathematics Methods and Assessment (3)

SPE 501 Introduction to Research and Evaluation in Education (3)

SPE 538 Language and Literacy I (3)

SPE 575 Survey, Issues and Foundations for the Exceptional Student (3)

Track (18 credit hours)

Culminating Experience (3 credit hours)

SPE 593 Applied Project (3)

Additional Curriculum Information

Students choose either the mild-moderate track, which has the options of the Masters and Arizona Certification or Induction, Masters and Arizona Certification pathways; or the severe-profound track. Students will take additional coursework for certification.

The applied project is completed during the teaching residency.

Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the Mary Lou Fulton Teachers College.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- three letters of recommendation
- personal statement
- resume
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

The letters of recommendation should be from individuals who can speak to the applicant's potential for success in a graduate program.

The personal statement should describe the applicant's interests and reason for seeking this degree.

GRE scores are not required for admission.

Contact Information:

Teachers College, Mary Lou Fulton

Division of Teacher Preparation

<https://education.asu.edu>

ED 118

GraduateEducation@asu.edu

602-543-6358

Technology for Teaching and Learning (certificate), Certificate (EDEDTTGRCT)

Online Degree Search Title: Technology for Teaching and Learning (Graduate Certificate)

Campus: Tempe

ASU is not currently accepting applications for this program.

Program Description:

The graduate certificate in technology for teaching and learning is geared toward classroom teachers who want to become skilled at integrating technology in the curriculum. Students acquire the knowledge and skills needed to meet the National Education Technology Standards for Teachers, developed by the International Society for Technology in Education and being adopted by the National Council for Accreditation for Teacher Education. The certificate program can be completed within a two-year period.

Degree Requirements:

15 credit hours including the required capstone course (EDT 591).

Students must successfully complete four out of a possible six educational technology courses before completing a three credit hour required

capstone course.

Admission Requirements:

Applications are currently closed.

Contact Information:

Teachers College, Mary Lou Fulton

Dean, Mary Lou Fulton Teachers College

<https://education.asu.edu/>

ED 118

GraduateEducation@asu.edu

602-543-6358

Undergraduate Programs

Minors (Program Descriptions and Requirements)

African and African American Studies Minor (LAAFRMIN)

Campus: Tempe

Description:

The minor program in African and African American studies examines the culture, arts, history, politics, economics and current status of African Americans, Africans and the African Diaspora, especially in the Caribbean, Central America and South America. The goal is to prepare students for lifelong learning, advanced study in a variety of fields and successful careers and productive public service in an increasingly diverse society.

Program Requirements:

The certificate requires completion of 18 credit hours. At least 12 credit hours must be completed at the upper-division level and a grade of "C" (2.00 on a 4.00 scale) or better is required for all courses.

Required Core Course -- 3 credit hours

AFR 200: Introduction to Africana Studies (SB & G & H) (3)

Elective Course -- 3 credit hours

AFR 300: Precolonial Africa (SB & G & H) (3)

AFR 301: Race and Racism in Africa/African Diaspora (SB & G) (3)

AFR 302: History of Black Women in America (SB & H) (3)

AFR 305: The Global History of the Trans-Atlantic Slave Trade (SB & H) (3)

Electives -- 12 credit hours

AFR Upper Division Elective (12)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: None

Incompatible Majors: BA in African and African American studies

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Liberal Arts & Sciences, The College of

School of Social Transformation

<https://sst.asu.edu/african-and-african-american-studies>

WILSN 125

SSTadvising@asu.edu

480-965-7682

American Indian Studies Minor (LAAISMIN)

Campus: Tempe

Description:

The minor in American Indian studies is designed for students interested in developing an understanding of American Indian issues and analyzing

issues through critical inquiry.

Program Requirements:

The minor in American Indian studies requires 18 credit hours. At least 12 hours must be upper-division coursework, and all courses must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher.

Required Courses -- 9 credit hours

AIS 180: Introduction to American Indian Studies (C) (3)

AIS 285: Federal Indian Policy (H & C) (3)

AIS 380: Contemporary Issues of American Indian Nations (C) (3)

Electives (select three) -- 9 credit hours

AIS 320: American Indian Philosophies and World Views (HU & C) (3)

AIS 360: Issues in Urban Indian Country (C) (3)

AIS 381: American Indian Women (C) (3)

AIS 385: Entrepreneurship for American Indian Sustainability (3)

AIS 440: Cultural Professionalism (C) (3)

AIS 455: Human Rights and Cultural Resource Laws (3)

AIS 470: Tribal Governance (3)

AIS 480: Actualizing Decolonization (HU & C & G) (3)

AIS 484: Internship (3)

AIS 499: Individualized Instruction (3)

ENG 359: Indigenous American Literature ((L or HU) & C) (3)

HST 337: American Indian History to 1900 ((HU or SB) & C & H) (3)

HST 338: American Indian History since 1900 ((HU or SB) & C & H) (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: None

Incompatible Majors: BS in American Indian studies

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Liberal Arts & Sciences, The College of

American Indian Studies Program

<https://americanindian.asu.edu/>

DISCOVERY 356

AIS@asu.edu

480-727-7056

American Studies Minor (ASAMSMIN)

Campus: West

Description:

The American studies minor gives students the opportunity to pursue an interest in the interdisciplinary study of American culture. This interdisciplinary minor is particularly appropriate for students majoring in one of the humanities or social sciences disciplines.

The program is offered by the School of Humanities, Arts and Cultural Studies.

Program Requirements:

The minor in American studies consists of 18 credit hours. A minimum of 12 credit hours must be completed through courses offered by the School of Humanities, Arts, and Cultural Studies. Credit hours may not be shared between major and minor requirements. All courses used to satisfy requirements for the minor must be passed with a "C" (2.00) or better.

Core Requirements -- 6 credit hours

AMS 201: Introduction to American Studies (L & C) (3)

HRC 200: Introduction to Social and Cultural Analysis (SB & C) (3)

Upper Division Electives -- 12 credit hours

AMS 326: Popular Culture (3)

AMS 330: American Lives (HU & C) (3)

AMS 334: Class in America (SB) (3)

AMS 336 / ENG 334 / ETH 334: The American Southwest in Literature and Film ((L or HU) & C) (3)

AMS 353 / ENG 353 / ETH 353: African American Literature: Beginnings through the Harlem Renaissance ((L or HU) & C) (3)

AMS 354 / ENG 354 / ETH 354: African American Literature: Harlem Renaissance to the Present ((L or HU) & C) (3)

AMS 380 / ETH 380 / WST 380: Race, Gender, and Class (SB & C) (3)

AMS 412: Studies in American Politics & Law (H) (3)

AMS 428 / ETH 428 / LAS 428: Peoples and Cultures of the American West, to 1848 (SB & H) (3)

AMS 449 / ETH 449 / WST 449: Hate Speech, Manifestos, and Radical Writings (SB & C) (3)

AMS 450 / ETH 450 / LAS 450: Latina/os, Schooling and Social Inequality (C) (3)

AMS 469 / ETH 469 / WST 469: Abject Bodies and the Politics of Trash (SB & C) (3)

ENG 337: Major American Novels (L or HU) (3)

HST 320: U.S. Urban History since 1850 (SB & H) (3)

HST 337: American Indian History to 1900 ((HU or SB) & C & H) (3)

HST 413: Contemporary America ((L or SB) & H) (3)

HST 419: 20th Century Chicano/a History (C) (3)

REL 321: Religion in America ((L or HU) & C & H) (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: None

Incompatible Majors: None

Other Enrollment Requirements: None

The minor in American studies is open to all ASU undergraduate majors.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Humanities, Arts, and Cultural Studies
<https://newcollege.asu.edu/american-studies-minor>
FAB N100
harcadvising@asu.edu
602-543-3000

Anthropology Minor (LAASBMIN)

Campus: Tempe, Online

Description:

Coursework in anthropology complements many majors and provides critical thinking skills for any career that requires understanding human behavior and its motivations, including medicine, marketing, business, consulting and human resources.

A minor in anthropology rounds out the academic experience by focusing on the lessons and people that make human societies so interesting and challenging to understand, both in the past and in modern times.

A focus in biological anthropology is perfect for a premedical track where things like understanding why a specific disease exists is important while a focus in social anthropology yields understanding in how human groups actually function. Both provide a competitive advantage in the workforce as students learn how to problem-solve creatively and better understand themselves and others.

Many program faculty hold titles of national distinction and are recognized experts in topics such as material goods, death and human remains, identity, evolution, primates and more.

Program Requirements:

The anthropology minor requires a minimum of 18 credit hours, at least 12 of which must be upper-division. Only courses completed with a grade of "C" (2.00 on a 4.00 scale) can be used to fulfill minor requirements.

The minor in anthropology is also available in an online format to complement the studies of ASU ONLINE students.

Required Introductory Courses (choose two) -- 6 credit hours

ASB 102: Introduction to Cultural Anthropology (SB & G) (3)

ASB 222: Buried Cities and Lost Tribes ((HU or SB) & G & H) or ASB 223: Aztecs, Incas and Mayas ((HU or SB) & G & H) (3)

ASM 104: Bones, Stones, and Human Evolution (SB or SG) (4)

Upper-Division Subfield Courses -- 12 credit hours

Students choose 12 upper-division credit hours from the subfields of archaeology, evolutionary anthropology and sociocultural anthropology (including linguistics). The particular required introductory courses selected may limit the courses available for use as subfield courses. At least two of the three subfields must be represented. (12)

Archaeology Subfield

ASB 301 / HST 301: Global History of Health (SB & G & H) (3)

ASB 326: Human Impacts on Ancient Environments (SB & H) (3)

ASB 330: Understanding Archaeology (SB) (3)

ASB 333: Frauds, Myths and Mysteries ((HU or SB) & G) (3)

ASB 335: Ancient Ruins of the Southwest (SB & H & C) (3)

ASB 337: Pyramids and Hieroglyphs: Life in Ancient Mesoamerica ((HU or SB) & G & H) (3)

ASB 361: Pleistocene Archaeology (H) (3)

ASB 362: People and Plants (3)

ASB 366 / AFR 366: African Archaeology: Precolonial Urban Culture (SB & H) (3)

ASB 368: Hunter-Gatherers (SB) (3)

ASB 490: Earliest Cities (SB & H) (3)

ASM 338: Bioarchaeology and the Human Skeleton (9)

ASM 338: Field Archaeology & Geophysical Testing (9)

ASM 350: Geoarchaeology (3)

ASM 365: Doing Archaeology (3)

ASM 450: Bioarchaeology (SB & G) (3)

ASM 494: Archaeoinformatic Methods for Fieldwork (3)

Physical Subfield

ASB 301 / HST 301: Global History of Health (SB & G & H) (3)

ASB 368: Hunter-Gatherers (SB) (3)

ASB 394: Modeling Simulation Neglected Tropical Diseases (3)

ASB 494: Applied Epidemiology (3)

ASB 494: Evolutionary Medicine (3)

ASB 494: Maternal and Child Health (3)

ASB 494: Reproductive Ecology (3)

ASM 301: Peopling of the World (SB) (3)

ASM 313: Great Adaptations (3)

ASM 332: Life and Death in Ancient Egypt (3)

ASM 338: Bioarchaeology and the Human Skeleton (9)

ASM 341: Human Osteology (4)

ASM 342 / BIO 327: Evolution of Human Behavior (3)

ASM 344: Fossil Hominids (4)

ASM 345: Disease and Human Evolution (3)

ASM 394: Evolution and Medicine Visiting Speaker Recitation (1)

ASM 401: Health and Human Biology (3)

ASM 443: Primatology (3)
 ASM 446 / BIO 446: Principles of Human Genetics (L) (3)
 ASM 450: Bioarchaeology (SB & G) (3)
 ASM 452: Dental Anthropology (SG) (4)
 ASM 456: Infectious Disease and Human Evolution (3)
 ASM 459: Forensic Anthropology (3)
 ASM 460: Human Growth and Development: An Evolutionary Perspective (3)
 ASM 465: Quantification and Analysis for Anthropologists (CS) (3)
 ASM 494: Bayesian Statistics in Theory and Practice (3)
 ASM 494: Evolution and Mental Disorders (3)
 ASM 494: Evolution of Technology (3)
 ASM 494: Evolutionary Medicine and Global Health (3)
 ASM 494: Models in Social Evolution (3)
 ASM 494: Social Complexity (3)

Sociocultural Subfield

ASB 300: Food and Culture ((L or SB) & C) (3)
 ASB 302: Ethnographic Field Study ((L or SB) & G) (3)
 ASB 305: Poverty and Global Health ((L or SB) & G) (3)
 ASB 310 / AFR 300: Precolonial Africa (SB & G & H) (3)
 ASB 311: Principles of Social Anthropology (SB & G & H) (3)
 ASB 316: Money and Culture (L or SB) (3)
 ASB 319: The North American Indian (3)
 ASB 322: Peoples of Latin America ((L or SB) & G) (3)
 ASB 325: Peoples of Southeast Asia (G) (3)
 ASB 327: Disaster! ((L or SB) & C) (3)
 ASB 336 / AFR 336: African Art (HU & G) (3)
 ASB 339 / POS 339 / SBS 339 / SOC 339: Grassroots Social Movements (SB) (3)
 ASB 340 / SOC 328: Migration and Culture (SB & G) (3)
 ASB 342 / SBS 342 / SOC 342: Mexico-U.S. Borderlands (SB & C) (3)
 ASB 343 / PUP 343 / SOS 343 / TCL 343: Latinas/os and the Environment (3)
 ASB 344 / SOC 334: Technology and Society (L or SB) (3)
 ASB 346: Marriage and Family Diversity (SB & C) (3)
 ASB 348 / ENG 348 / TCL 348: The Borders of Language (3)
 ASB 350: Anthropology and Art (HU) (3)
 ASB 353 / SOC 353: Death and Dying in Cross-Cultural Perspective ((HU or SB) & G) (3)
 ASB 355: Traditional Medicine and Healing (HU or SB) (3)
 ASB 356 / GCU 356 / POS 354 / SBS 356 / SOC 356: Central American Studies (SB & G) (3)
 ASB 357: Society, Drugs and Health (SB & G) (3)
 ASB 358 / AFR 358: The Yoruba and the Atlantic World (3)
 ASB 370 / SOS 370: Ethics of Eating (L or SB) (3)
 ASB 371 / HST 371 / SLC 371 / SPA 371 / TCL 371: Language Hegemony and Culture (3)
 ASB 374 / POS 374 / SBS 374 / SOC 374: Cultures and Politics of the Internet (SB) (3)
 ASB 375 / SOS 375: Humans and the Environment: What's the Connection? ((L or SB) & G) (3)
 ASB 376: Global Health Policy (3)
 ASB 378 / TCL 378: Globalization: Migration, Mass Media, McDonald's ((L or SB) & C) (3)
 ASB 380: Language, Culture and Gender (SB) (3)
 ASB 389 / SBS 389 / SOC 389: Ethnographic Field Lab (1)
 ASB 394: Culture and Society Transformation (3)
 ASB 394: Statistics for Social Scientists (3)
 ASB 412: History of Anthropology (L or SB) (3)
 ASB 421: Education and Society (SB) (3)
 ASB 442 / SBS 460: Global Cities (SB & G) (3)
 ASB 443 / SSH 403: Cross-Cultural Studies in Global Health ((L or SB) & G) (3)
 ASB 447 / POS 447 / SBS 447: Citizenship, Nationalism and Identity (SB & C & G) (3)
 ASB 452: Community Partnerships for Global Health (SB) (3)
 ASB 455: Practicum for Social Sciences (SB) (3)
 ASB 457: Global Mental Health ((L or SB) & G) (3)
 ASB 462: Medical Anthropology: Culture and Health (SB & C) (3)
 ASB 463 / SOS 463 / TCL 443: Political Ecology of the Border (SB & G) (3)
 ASB 464 / TCL 444: The Ethnography of Mexico and the Borderlands (SB & G) (3)
 ASB 466 / AFR 466: Peoples and Cultures of Africa (SB & G) (3)
 ASB 494: Ethnography of Schooling in the Borderlands (3)
 ASB 494: Facing Immigration (3)

ASB 494: Facing Immigration II (3)

ASM 414 / SOS 414: Urban and Environmental Health (SB) (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: None

Incompatible Majors: BA in anthropology; BS in anthropology

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/minors/anthropology>)

Contact Information:

Liberal Arts & Sciences, The College of
School of Human Evolution & Social Change

<https://shesc.asu.edu>

SHESC 233

shesc.undergrad@asu.edu

480-965-6215

Applied Biological Sciences Minor (TSABSMIN)

Campus: Polytechnic

Description:

The applied biological sciences minor is a rigorous and practical program. Consistent with a polytechnic vision, this minor involves extensive student interaction with faculty through experience-based learning activities, including:

- faculty-guided research and service-learning projects
- field trips
- internships
- laboratories

Mastery of fundamental biological principles is emphasized through quality learning in the classroom and hands-on activities in laboratories and in outdoor settings that include the Sonoran Desert, surrounding ecosystems and the landscape of the greater Phoenix area.

Program Requirements:

The applied biological sciences minor consists of 23 credit hours.

Required Courses -- 8 credit hours

BIO 181: General Biology I (SQ) (4)

BIO 182: General Biology II (SG) (4)

Electives -- 15 credit hours

ABS Elective (6)

ABS Upper Division Elective (9)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: 2.00

Incompatible Majors: All applied biological sciences, biological sciences or biology majors at ASU

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Integrative Sciences and Arts, College of

College of Integrative Sciences and Arts

<https://cisa.asu.edu>

SANCA 233

CISA@asu.edu

480-727-1526

Applied Computing Minor (ASACOMIN)

Campus: West

Description:

The minor in applied computing combines technical computing skills with an understanding of the impact of computer science in real-world contexts.

Coursework in the applied computing minor provides a depth of knowledge in databases, networks and systems and gives students from other disciplines a computational component to their major field of study.

Computational and problem-solving skills are in high demand in a multitude of career fields including cybersecurity, web administration, business, government, education, science, medicine and telecommunications.

The program is offered by the School of Mathematical and Natural Sciences.

Program Requirements:

The minor in applied computing consists of a minimum of 15 credit hours. At least nine credit hours must be upper-division. All courses used to satisfy requirements for the certificate must be passed with a "C" (2.00) or better.

Required Courses -- 15 credit hours

ACO 201: Data Structures and Algorithms (CS) (3)

ACO 240: Introduction to Programming Languages (3)

ACO 320: Database Systems (3)

ACO 330: Computer Networks (3)

ACO 350: Systems Programming (CS) (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: None

Incompatible Majors: BS in applied computing; BS in applied computing (cybersecurity)

Other Enrollment Requirements: A "C" or better is required in ACO 102 Object-Oriented Programming and MAT 210 Brief Calculus in order to enroll in the required minor course, ACO 201.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor

requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Mathematical and Natural Sciences
<https://newcollege.asu.edu/applied-computing-minor>
FAB N100
MNSadvising@asu.edu
602-543-3000

Applied Ethics Minor (ASAPETHMIN)

Campus: West

Description:

Students pursuing the applied ethics minor have the opportunity to develop their critical thinking, reading and writing capacities while exploring philosophy and ethical theory. They also have the opportunity to do so in a manner that explicitly complements their major by focusing on one of the minor's track options. This program provides students an opportunity to gain a humanistic perspective on a nonhumanities field of study, such as health sciences, business and computer science, thereby adding nuance and depth to their educational experience.

Program Requirements:

The minor in applied ethics consists of 18 credit hours; a minimum of 12 credit hours must be upper-division. Program requirements include nine credit hours of required courses and nine credit hours in one chosen track: Bioethics; Environmental Ethics; Business Ethics; Social Sciences and Ethics; Religion and Ethics; or General Ethics. All courses used to fulfill the requirements of this minor must be passed with a "C" (2.00) or better, and at least six credit hours must be taken in the School of Humanities, Arts and Cultural Studies.

Required Courses -- 9 credit hours

IAS 406 / PHI 406 / FOR 406: Moral Dilemmas (L or HU) (3)
PHI 105: Intro to Ethics (HU) (3)
PHI 306: Applied Ethics (HU) (3)

Applied Ethics Elective Tracks -- 9 credit hours

Select 9 credit hours from one of the tracks below (9)

Bioethics Track

IAS 340 / PHI 320 / BIO 312: Bioethics (HU) (3)
LSC 362: The Human Environment (3)
LSC 363: Genes, Race, Gender, and Society (L) (3)
PHI 120: Introduction to Medical and Bioethics (HU) (3)
PHI 494 / REL 494: Issues in Death & Dying (3)
PSY 447: Psychology of Aging (SB) (3)
SOC 400: Perspectives on Aging (SB) (3)

Environmental Ethics Track

IAS 407 / PHI 407: Environmental Philosophy and Policy (L or HU) (3)
IAS 409 / PHI 409: Eco-Community Ethics (HU) (3)
LSC 362: The Human Environment (3)
LSC 394: Environmental Disasters (3)
PHI 310 / BIO 324: Environmental Ethics (HU) (3)

Business Ethics Track

Required:

PHI 360: Business and Professional Ethics (HU) or LES 305: Business Law and Ethics for Managers (3)

Electives:

ACO 402 / CIS 402: Privacy, Ethics and Compliance Issues (3)
IAS 407 / PHI 407: Environmental Philosophy and Policy (L or HU) (3)
IAS 409 / PHI 409: Eco-Community Ethics (HU) (3)
LES 305: Business Law and Ethics for Managers (3)
PHI 360: Business and Professional Ethics (HU) (3)

POS 300: Contemporary Global Controversies (SB & G) (3)

Social Sciences and Ethics Track

ENG 401: Topics in Critical Theory (3)
PHI 304: Existentialism (HU) (3)
PHI 307: Philosophy of Law (HU) (3)
PHI 417 / IAS 417: Philosophy of Censorship (L or HU) (3)
PHI 439: Philosophy of Love and Sex (3)
PHI 494 / REL 494: Issues in Death & Dying (3)
PSY 447: Psychology of Aging (SB) (3)
SOC 400: Perspectives on Aging (SB) (3)

Religion and Ethics Track

IAS 430: Science and Religion (L or HU) (3)
PHI 421: The Ethics of Belief (3)
PHI 494 / REL 494: Issues in Death & Dying (3)
REL 321: Religion in America ((L or HU) & C & H) (3)
REL 381: Religion and Moral Issues (L or HU) (3)
REL 390 / WST 390: Women, Gender and Religion (HU & G) (3)

General Ethics Track

ENG 401: Topics in Critical Theory (3)
IAP 222: Games and Ethics (3)
IAS 340 / PHI 320 / BIO 312: Bioethics (HU) (3)
IAS 407 / PHI 407: Environmental Philosophy and Policy (L or HU) (3)
IAS 409 / PHI 409: Eco-Community Ethics (HU) (3)
IAS 430: Science and Religion (L or HU) (3)
PHI 120: Introduction to Medical and Bioethics (HU) (3)
PHI 303 / REL 300: The Future of Religions (L or HU) (3)
PHI 304: Existentialism (HU) (3)
PHI 307: Philosophy of Law (HU) (3)
PHI 310 / BIO 324: Environmental Ethics (HU) (3)
PHI 360: Business and Professional Ethics (HU) (3)
PHI 417 / IAS 417: Philosophy of Censorship (L or HU) (3)
PHI 421: The Ethics of Belief (3)
PHI 439: Philosophy of Love and Sex (3)
PHI 494 / REL 494: Issues in Death & Dying (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: 2.00

Incompatible Majors: BA in philosophy, religion and society

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor. Students should contact their academic advisor for more information.

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Humanities, Arts, and Cultural Studies
<https://newcollege.asu.edu/applied-ethics-minor>
FAB N100
harc sadvising@asu.edu
602-543-3000

Applied Mathematics Minor (LSAPMMIN)

Campus: Polytechnic

Description:

The minor in applied mathematics in the College of Integrative Sciences and Arts is designed to enable students to understand and apply mathematics most commonly used in the fields of business, economics, engineering, physics, computer sciences, life sciences, social sciences and sustainability. The minor is recommended for students who plan to major in these diverse fields, are preparing for further graduate study or who wish for increased employment options.

The coursework explores the study of advanced applied mathematical topics with an emphasis on applied sciences. Students with a minor in applied mathematics learn to use theories and techniques, such as mathematical modeling, computational methods and statistics to resolve practical, real-world problems.

Program Requirements:

The applied mathematics minor consists of 21 credit hours, including:

Required Courses -- 12 credit hours

MAT 266: Calculus for Engineers II (MA) or MAT 271: Calculus with Analytic Geometry II (MA) (3-4)

MAT 267: Calculus for Engineers III (MA) or MAT 272: Calculus with Analytic Geometry III (MA) (3-4)

MAT 275: Modern Differential Equations (MA) (3)

MAT 343: Applied Linear Algebra (3)

Electives (choose three courses) -- 9 credit hours

MAT 300: Mathematical Structures (L) (3)

MAT 310: Introduction to Geometry (3)

MAT 495: Undergraduate Research or MAT 499: Individualized Instruction (3-4)

STP 420: Introductory Applied Statistics (CS) (3)

PHY 201: Mathematical Methods in Physics I (CS) (3)

At least nine credit hours of courses must be offered by the College of Integrative Sciences and Arts.

A minimum of 15 credit hours of the minor must be ASU credit.

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: 2.00

Incompatible Majors: BA in applied mathematics

Other Enrollment Requirements: MAT 265 or 270 with a "C" or better.

The minor in applied mathematics is open to all ASU undergraduate majors. Students should consult an advisor in the department of their major to determine if the minor is consistent with their educational goals and to be recognized in their particular major.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Integrative Sciences and Arts, College of

College of Integrative Sciences and Arts

<https://cisa.asu.edu>

SANCA 233

CISA@asu.edu

480-727-1526

Arabic Studies Minor (LAARBMIN)

Campus: Tempe

Description:

The minor program in Arabic studies provides students with instruction in Modern Standard Arabic as well as Arab culture and literature. Students completing the prescribed coursework are expected to be able to communicate effectively in Arabic and interact with native speakers of the language as well as reading authentic material in Arabic and writing paragraphs in Modern Standard Arabic.

Literature courses expand students' knowledge in Arabic, the Middle East and Islamic culture and civilization. Students of all academic disciplines doing research or seeking employment in areas related to the Middle East or other parts of the Arab world will find the minor in Arabic highly beneficial.

Students are encouraged to participate in a study abroad program to enhance their education and overall minor experience. Students should visit <https://mystudyabroad.asu.edu> (<https://mystudyabroad.asu.edu>) for more information.

Program Requirements:

The minor in Arabic studies requires 28 credit hours of courses detailed below. A minimum grade of "C" (2.00 on a 4.00 scale) or better is required in each course. Course substitutions are allowed for heritage and advanced speakers of the language.

Required Courses -- 25 credit hours

ARB 201: Intermediate Arabic I (G) (5)

ARB 202: Intermediate Arabic II (G) (5)

ARB 311: Advanced Arabic Skills I (3)

ARB 331: Arabic/Islamic Culture and Literature (HU & H & G) (3)

ARB 341: Quran Text and Women (HU & H) or ARB 351: Classical Arabic Literature (3)

ARB 352: Modern Arabic Literature in Translation or ARB 422: Advanced Arabic Media (3)

ARB 411: Advanced Arabic Skills II (3)

Related Area (choose one) -- 3 credit hours

AFR 372: Islam and Islamic Societies in Africa: Social and Political History (G) (3)

AFR 373: Islam and World Affairs (G) (3)

AFR 480: Different Voices Within Contemporary Islamic Discourse (3)

ARB 321: Arabic Conversation I (3)

ARB 335: Arabic Culture and Islam (G) (3)

ARB 336: Introduction to the Qur'an (G) (3)

ARB 337: Hadith and Prophetic Tradition (3)

ARB 340: Arabic Translation (3)

ARB 341: Quran Text and Women (HU & H) (3)

ARB 351: Classical Arabic Literature (3)

ARB 352: Modern Arabic Literature in Translation (HU & G) (3)

ARB 360: Islamic Philosophical Literature (3)

ARB 394: Colloquial Arabic: Levantine (3)

ARB 421: Arabic Conversation II (3)

ARB 422: Advanced Arabic Media (3)

ARB 427: Arabic Prose: Reading the Arabian Nights (3)

HST 372: Modern Middle East (SB & G & H) (3)

REL 365: Islamic Civilization (HU & H) (3)

REL 366: Islam in the Modern World (HU & G) (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: 2.00

Incompatible Majors: BA in international letters and cultures (Arabic studies)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the

college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Liberal Arts & Sciences, The College of
School of International Letters and Cultures
<https://silc.asu.edu/degrees/undergrad/minor-certs>
LL 440
silcadvising@asu.edu
480-965-6281

Architectural Studies Minor (ARSTDMIN)

Campus: Tempe

Description:

The architectural studies minor is available to nonarchitecture majors interested in this field.

The courses are designed to provide an overview of architecture throughout history while focusing on architectural design, with the intention of exploring the process of architectural thinking.

Program Requirements:

A minimum of 18 credit hours (to include 12 credit hours of upper-division coursework) are required for the minor. A minimum grade of "C" (2.00) is required in all classes for the minor.

A minimum GPA of 2.50 in minor courses is required to earn the minor in architectural studies.

Lower Division Options -- 6 credit hours

ALA 100: Introduction to Environmental Design (HU & H & G) (3)

ALA 102: Landscapes and Sustainability (HU & G) (3)

ALA 235: Introduction to Computer Modeling (CS) (3)

ATE 242: Introduction to Architectural Technology (3)

Notes: Instructor Consent Required

Upper Division Options -- 12 credit hours

ANP 494: Special Topics (3)

APH 313: History of Architecture I ((L or HU) & G & H) (3)

APH 314: History of Architecture II ((L or HU) & G & H) (3)

APH 394: Special Topics (3)

APH 405: Contemporary Architecture and Urbanism 1970 to the Present (HU & H) (3)

APH 414: Great Cities ((L or HU) & H) (3)

APH 421: First Concepts: What is... The Writing, Philosophy, and Culture of Architecture (L or HU) (3)

APH 494: Special Topics (3)

APH 499: Individualized Instruction (1-3)

Notes: APH 499 requires a petition to The Design School.

ARP 451: Architecture Field Studies (1-6)

ATE 361: Architectural Technology I (3)

Notes: Instructor Consent Required

ATE 362: Architectural Technology II (3)

Notes: Instructor Consent Required

ATE 452: Architectural Technology III (3)

Notes: Instructor Consent Required

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: 2.50

Incompatible Majors: BSD in architectural studies

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Design & the Arts, Herberger Institute for
The Design School
<https://herbergerinstitute.asu.edu/degree-programs>
CDN 162
herbergeradvising@asu.edu
480-965-4495

Art History Minor (FAARTHMIN)

Campus: Tempe, Online

Description:

The art history minor is designed for students who are interested in a broad introduction to the study of the history of art. In giving substantial chronological exposure to the history of art from diverse cultures, the minor program strengthens academic preparation and provides students with many options to select courses based on their individual interests.

A minor in art history, especially in conjunction with a major in another field, enhances opportunities for future graduate study.

Program Requirements:

The School of Art offers a minor in art history consisting of 18 credit hours of coursework, including 12 upper-division electives. A minimum grade of "C" (2.00) is required in all classes for the minor. For those pursuing a minor, a minimum overall GPA of "C" (2.00) is required. Courses may not be double counted in a major and the minor, and a minimum of 12 credit hours of resident credit at ASU are required.

ARS 100 and ARS 300 may not be used toward an art history minor if the student has credit in ARS 101 and ARS 102. If a student has completed ARS 100 or ARS 300, then they must complete ARS 201 and ARS 202 instead of ARS 101 and 102.

Core Courses -- 6 credit hours

ARS 101: Art from Prehistory Through Middle Ages (HU & H) (3)

ARS 102: Art from Renaissance to Modernism (HU & H) (3)

Art History Upper Division Courses -- 12 credit hours

ARS Upper Division Elective (12)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: 2.00

Incompatible Majors: BA in art (art history)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/request-info>)

Contact Information:

Design & the Arts, Herberger Institute for
School of Art
<https://art.asu.edu/degree-programs/art-history-museum-studies?dept=160344&id=1>
ART 102
herbergeradvising@asu.edu
480-965-8521

Asian Languages (Chinese) Minor (LACHIMIN)

Campus: Tempe

Description:

Students pursuing the minor in Asian languages with a focus in Chinese gain an understanding of the language, literature and cultures of China. Students are encouraged to participate in a study abroad program to enhance their education and overall minor experience.

Highly motivated students interested in learning Chinese to professional-level proficiency while simultaneously pursuing the Asian languages minor with a focus in Chinese and undergraduate major of their choice are encouraged to apply to the Chinese Language Flagship Program: <https://silc.asu.edu/chineseflagship> (<https://silc.asu.edu/chineseflagship>).

Program Requirements:

The minor in Asian languages (Chinese) consists of 18 credit hours, of which 12 credit hours must be upper-division. Course substitutions are allowed for heritage and advanced speakers of the language.

Required Courses -- 10 credit hours

CHI 301: Third-Year Chinese I (G) (5)

CHI 302: Third-Year Chinese II (G) (5)

CHI Electives -- 8 credit hours

CHI 201: Second-Year Chinese I (G) AND CHI 202: Second-Year Chinese II (G) or CHI 210: Intensive Chinese II (6)

Notes: CHI 201 and CHI 202 grant 5 credit hours each. The extra 4 credits earned will be applied to the minimum 120 credit hours needed for graduation. Students may opt to take CHI 210 Intensive Chinese II, an 8 credit hour course equivalent to CHI 201 and CHI 202. The extra 2 credits earned will be applied to the minimum 120 credit hours for graduation.

CHI 307: Introduction to Literary Chinese I (HU) (3)

CHI 308: Introduction to Literary Chinese II (HU) (3)

CHI 321: Chinese Literature (HU) (3)

CHI 322: Chinese Literature (HU & G) (3)

CHI 333: China (SB & H) (3)

CHI 336: Interpreting China's Classics ((L or HU) & H) (3)

CHI 338: The Daoist Bible: The Daode jing (L or HU) (3)

CHI 345: Chinese Film and Civilization (3)

CHI 348: Pathways into Chinese Culture (3)

CHI 380: The Chinese Language (3)

CHI 401: Fourth-Year Chinese I (G) (3)

CHI 402: Fourth-Year Chinese II (G) (3)

CHI 407: Chinese for Academic and Professional Purposes I (G) (3)

CHI 408: Chinese for Academic and Professional Purposes II (G) (3)

CHI 451: Chinese Cultural History I ((HU or SB) & H) (3)

CHI 452: Chinese Cultural History II (SB & G & H) (3)

CHI 470: Modern Chinese Literature and Culture (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: 2.00

Incompatible Majors: BA in Asian languages (Chinese); BA in Asian languages (Chinese) --- Chinese flagship; BA in business (Chinese language and culture)

Other Enrollment Requirements: None

Students who wish to add a minor in Asian Languages with a focus in Chinese to the bachelor's degree program they are pursuing may do so by
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contacting the School of International Letters and Cultures advising office.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Liberal Arts & Sciences, The College of
School of International Letters and Cultures
<https://silc.asu.edu/degrees/undergrad/minor-certs>
LL 440
silcadvising@asu.edu
480-965-6281

Asian Languages (Japanese) Minor (LAJPNMIN)

Campus: Tempe

Description:

Students pursuing the minor in Asian languages with a focus on Japanese gain an understanding of the language, literature and cultures of Japan.

There are opportunities to partake in study abroad programs, which can serve to enhance a student's minor experience and education. Students should go to <https://mystudyabroad.asu.edu> (<https://mystudyabroad.asu.edu>) for more information.

Program Requirements:

The minor in Asian languages (Japanese) consists of 18 credit hours, of which 12 credit hours must be upper-division. Course substitutions are allowed for heritage and advanced speakers of the language.

Required Courses -- 6 credit hours

JPN 301: Third-Year Japanese I (G) (3)

JPN 302: Third-Year Japanese II (G) (3)

Elective Courses -- 12 credit hours

JPN 309: Japanese Oral Communication I (<https://webapp4.asu.edu/catalog/courselist?s=JPN&l=200-299&t=2207&hon=F>) > JPN 2** Elective (6)

Notes: JPN 201 (5 credit hours) and JPN 202 (5 credit hours) or JPN 210 (8 credit hours) are prerequisites to JPN 300-level language courses. A maximum of six credit hours of the JPN 200-level electives or prerequisite courses may be applied to the Japanese minor. Any remaining credit hours from the JPN 200-level courses will be applied to the 120 credit hours minimum for graduation.

(3)

JPN 310: Japanese Oral Communication II (3)

JPN 311: Japanese Composition I (G) (3)

JPN 394: Special Topics (3)

JPN 401: Reading Modern Japanese Texts I ((L or HU) & G) (3)

JPN 414: Introduction to Classical Japanese (3)

JPN 415: Advanced Classical Japanese (3)

JPN 445: Readings in Modern Japanese Letters and Culture (3)

JPN 485: Literary Translation: Theory and Practice (3)

JPN 492: Honors Directed Study or JPN 493: Honors Thesis (L) (3)

JPN 494: Special Topics (3)

JPN 499: Individualized Instruction (3)

SLC 421: Japanese Literature in Translation ((L or HU) & G) (3)

Notes: A maximum of 3 credit hours of SLC 421 may be applied to the Japanese minor.

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: 2.00

Incompatible Majors: BA in Asian languages (Japanese)

Other Enrollment Requirements: None

Students who wish to add a minor in Asian Languages with a focus on Japanese to the bachelor's degree program they are pursuing may do so by contacting the School of International Letters and Cultures advising office.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Liberal Arts & Sciences, The College of
School of International Letters and Cultures
<https://silc.asu.edu/degrees/undergrad/minor-certs>
LL 440
silcadvising@asu.edu
480-965-6281

Asian Pacific American Studies Minor (LAAPAMIN)

Campus: Tempe

Description:

The Asian Pacific American studies minor program focuses on the long history and rich contemporary experiences, cultures and communities of Asian Pacific Americans in the American Southwest. This minor benefits students pursuing careers involving the complex and rapidly changing Asian American and Pacific Islander populations and other culturally diverse populations.

Dedicated and inspiring faculty lead students through an interdisciplinary liberal arts program with emphasis on critical thinking, complex reasoning and solid writing skills, preparing them to engage in research that informs meaningful dialogues between policymakers, educators and society at large about Asian American and Pacific Islander communities. Students learn the challenges and opportunities of U.S. society and why race matters today, how people have worked together cooperatively to make positive change, and to identify solutions with creative, applied thought.

The Asian Pacific American studies program is housed in ASU's interdisciplinary School of Social Transformation, the only school of its kind in the United States.

Program Requirements:

The minor in Asian Pacific American studies requires a total of 18 credit hours, including six credit hours of core courses and 12 elective credit hours selected from courses with the APA prefix. A minimum of nine credit hours must be taken in residency at ASU. All courses must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher.

A minimum of nine credit hours must be upper-division coursework. No course may be used to satisfy more than one requirement in the minor.

Required Core Courses -- 6 credit hours

APA 200: Introduction to Asian Pacific American Studies ((HU or SB) & C) (3)

APA 360: Asian Pacific American Experience ((HU or SB) & C) (3)

Electives (choose four) -- 12 credit hours

APA 210: Introduction to Ethnic Studies in the U.S. (C) (3)

APA 310: Asian Pacific American Arts and Cultures (HU & C) (3)

APA 315: Asian Pacific American Literature (HU & C) (3)

APA 330: Asian Pacific American Genders and Sexualities ((L or SB) & C) (3)

APA 340: Asian Pacific Americans and Media (HU & C) (3)

APA 345: Asian Pacific Americans and Film (HU & C & H) (3)

APA 360: Special Topics (3)

APA 450: Asian Pacific American Contemporary Issues (SB & C) (3)

APA 484: Internship (3)

APA 499: Individualized Instruction (3)

APA 360 Asian Pacific American Experience is required for the core. The course may be repeated for APA elective credit under different topics.

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: None

Incompatible Majors: BA in Asian Pacific American studies

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Liberal Arts & Sciences, The College of

School of Social Transformation

<https://sst.asu.edu/content/asian-pacific-american-studies-minor>

WILSN 125

SSTadvising@asu.edu

480-965-7682

Astronomy Minor (LAASTMIN)

Campus: Tempe

Description:

The astronomy minor is designed for students interested in developing a basic understanding of astronomy and astrophysics and analyzing issues through a scientific viewpoint.

Program Requirements:

The minor in astronomy consists of a minimum of 24 credit hours. At least 12 credit hours must be upper-division courses. All courses must be completed with a grade of "C" (2.00 on a 4.00 scale) or better.

Required Courses -- 8 credit hours

AST 113: Astronomy Laboratory I (SQ) (1)

AST 114: Astronomy Laboratory II (SQ) (1)

AST 321: Introduction to Planetary and Stellar Astrophysics (SQ) (3)

AST 322: Introduction to Galactic and Extragalactic Astrophysics (SQ) (3)

Physics Core -- 8 credit hours

Student must complete two semesters of physics.

PHY 150: Physics I (SQ) or PHY 121: University Physics I: Mechanics (SQ) AND PHY 122: University Physics Laboratory I (SQ) (4)

PHY 151: Physics II (SQ) or PHY 131: University Physics II: Electricity and Magnetism (SQ) AND PHY 132: University Physics Laboratory II (SQ) or

PHY 252: Physics III (SQ) (4)

Electives -- 8 credit hours

Eight upper-division credit hours of electives are chosen in consultation with an academic advisor in the School of Earth and Space Exploration.

AST OR MAT OR PHY OR SES Upper Division Elective (8)

In order to satisfy SQ natural science general studies requirements, both a lecture and its corresponding laboratory section must be completed. Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: None

Incompatibles Majors: BS in earth and space exploration (astrophysics); BA in physics; BS in physics

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Liberal Arts & Sciences, The College of
School of Earth and Space Exploration
<https://sese.asu.edu>
ISTB4 795
sese-advising@asu.edu
480-965-5081

Astrophysics Minor (LAASTPHMIN)

Campus: Tempe

Description:

The astrophysics minor is designed for students interested in developing a background in the theoretical modeling and observational techniques of galactic and stellar astronomy, extragalactic astronomy and cosmology.

Students completing the minor are able to think critically about scientific problems by reducing complex problems to their most important attributes and are able to design experiments, observations and theoretical models that address those attributes.

Students pursuing an astrophysics minor are expected to have a strong background in physics and mathematics.

Program Requirements:

The minor in astrophysics consists of a minimum of 20 credit hours. At least 12 credit hours must be upper-division. Students complete 12 credit hours of required coursework and select one of three eight-credit hour options to complete the minor. All courses must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher.

Required Courses -- 12 credit hours

AST 321: Introduction to Planetary and Stellar Astrophysics (SQ) (3)
AST 322: Introduction to Galactic and Extragalactic Astrophysics (SQ) (3)
AST 421: Astrophysics I (3)
AST 422: Astrophysics II (3)

Electives Options -- 8 credit hours

Choose one of the following options for the additional eight credit hours. (8)

Option 1

SES 121: Earth, Solar System and Universe (SQ) (3)
SES 123: Earth, Solar System and Universe Laboratory (SQ) (1)
SES 126: Exploration of the Universe (3)
SES 128: Exploration of the Universe Lab (1)

Option 2

AST 111: Introduction to Solar Systems Astronomy (SQ) (3)
AST 113: Astronomy Laboratory I (SQ) (1)
AST 112: Introduction to Stars, Galaxies, and Cosmology (SQ) (3)
AST 114: Astronomy Laboratory II (SQ) (1)

Option 3

AST OR MAT OR PHY OR SES Upper Division Elective (8)

In order to satisfy SQ natural science requirements, both a lecture and its corresponding laboratory section must be completed. Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: None

Incompatible Majors: BS in earth and space exploration (astrophysics)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Liberal Arts & Sciences, The College of
School of Earth and Space Exploration
<https://sese.asu.edu>
ISTB4 795
sese-advising@asu.edu
480-965-5081

Biochemistry Minor (LABCHMIN)

Campus: Tempe, Online

Description:

The biochemistry minor program is designed to give students majoring in other disciplines a solid grounding in the basics of biochemistry to complement their major degree program. It is especially appropriate for students whose majors are in the various disciplines of life sciences, physics, engineering and geology and for students planning careers in the fields of medicine and health.

Program Requirements:

The minor in biochemistry comprises 28 credit hours of required courses, of which at least 12 credit hours must be at the upper-division level. Six of the 12 upper-division credit hours must be from courses offered by The College of Liberal Arts and Sciences. All courses must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher.

Required Courses -- 28 credit hours

CHM 113: General Chemistry I (SQ) or CHM 117: General Chemistry for Majors I (SQ) AND CHM 111: General Chemistry Laboratory for Majors I (SQ) (4)

Notes: Students completing CHM 117 must also complete its corresponding CHM 111 lab.

CHM 116: General Chemistry II (SQ) or CHM 118: General Chemistry for Majors II (SQ) AND CHM 112: General Chemistry Laboratory for Majors II (SQ) (4)

Notes: Students completing CHM 118 must also complete its corresponding CHM 112 lab.

CHM 233: General Organic Chemistry I (3)

CHM 237: General Organic Chemistry Laboratory I (1)

CHM 234: General Organic Chemistry II (3)

CHM 238: General Organic Chemistry Laboratory II (1)

BCH 341: Physical Chemistry with a Biological Focus (3)

BCH 461: General Biochemistry (3)

BCH 462: General Biochemistry (3)

BCH 467: Analytical Biochemistry Laboratory (L) (3)

Notes: ASU Online students will complete BCH 467 in a compressed summer format.

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: 2.00

Incompatible Majors: BS in applied biological sciences (all concentrations); BS in biochemistry (medicinal chemistry); BS in chemistry (environmental chemistry); BS in forensic science; BS in health sciences (preprofessional); BS in nutrition; BS in nutrition (human nutrition); BS in

biochemistry; BA in biochemistry; BS in chemistry; BA in chemistry

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu>)

Contact Information:

Liberal Arts & Sciences, The College of
School of Molecular Sciences
<https://sms.asu.edu>
PSD 104
SMSadvising@asu.edu
480-965-7667

Biological Sciences Minor (LABIOMIN)

Campus: Tempe, Online

Description:

Biological science encompasses the study of all living things and includes the study of basic organization and function, how organisms evolve, their roles in the natural environment, how hereditary information is transferred and the development of biotechnology.

The biological sciences minor is a program designed to provide students with a flexible curriculum that can be tailored to their interests.

Program Requirements:

The minor in biological sciences requires a minimum of 24 credit hours, of which at least 12 credit hours must be upper-division. At least six of the upper-division credit hours must be from courses offered by The College of Liberal Arts and Sciences.

The remaining elective credit hours may be chosen from those courses in the life sciences that can be used toward the majors offered by the school. Three credits of undergraduate research or internship (BIO 495 or BIO 484) can be allowed in the minor.

Core Minor Requirement (15-16 credits) -- 15 credit hours

BIO 181: General Biology I (SQ) or BIO 281: Conceptual Approaches to Biology for Majors I (SQ) (4)

BIO 182: General Biology II (SG) or BIO 282: Conceptual Approaches to Biology for Majors II (4)

BIO 340: General Genetics or MBB 347: Molecular Genetics: From Genes to Proteins (4)

BIO 345: Evolution or MIC 206: Microbiology Laboratory (SG) AND MIC 220: Biology of Microorganisms (3-4)

Electives (8-9 credits) -- 9 credit hours

BIO OR MBB OR MIC Upper Division Elective (8-9)

Students will complete 8-9 credit hours in electives selected from the BIO, MBB or MIC prefixes, all of which must be upper-division courses.

Electives not accepted in the biological sciences minor: lower-division biology courses including but not limited to: BIO 100, BIO 201, BIO 202, and MIC 205.

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: None

Incompatible Majors: BS in biological sciences (all concentrations); BS in microbiology (all concentrations). This minor is not available to students majoring in the life sciences.

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in

pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Liberal Arts & Sciences, The College of
School of Life Sciences
<https://sols.asu.edu/>
LSA 189
sols.advising@asu.edu
480-727-6277

Biology Minor (ASLSCMIN)

Campus: West

Description:

A minor in biology can be a valuable asset, particularly when paired with an appropriate major. For instance, a minor in biology paired with a major in political science provides a good background for someone who wanted to practice environmental law.

Program Requirements:

The minor in biology consists of 19 credit hours, of which 11 must be upper-division. A minimum of eight upper-division credit hours must be completed through courses offered by the School of Mathematical and Natural Sciences. Coursework taken to fulfill the requirements of the minor may not be used to fulfill requirements of a student's major. Consult with an academic advisor prior to enrollment. All courses used to satisfy requirements for the minor must be passed with a "C" (2.00) or better.

Core Requirements -- 8 credit hours

BIO 182: General Biology II (SG) (4)

CHM 116: General Chemistry II (SQ) (4)

Ecology, Cell Biology, or Genetics Requirement -- 4 credit hours

BIO 320: Fundamentals of Ecology AND LSC 322: Fundamentals of Ecology Laboratory (4)

BIO 353: Cell Biology AND BIO 354: Cell Biology Laboratory (4)

LSC 347: Fundamentals of Genetics AND LSC 348: Fundamentals of Genetics Laboratory (4)

Upper-Division Electives -- 7 credit hours

BCH 371: Modern Concepts in Biochemistry (3)

BCH 372: Modern Concepts in Biochemistry Laboratory (1)

BIO 306: Modes of Biological Thought (L) (3)

BIO 320: Fundamentals of Ecology (3)

BIO 331: Animal Behavior (3)

BIO 340: General Genetics (4)

BIO 345: Evolution (3)

BIO 353: Cell Biology (3)

BIO 354: Cell Biology Laboratory (1)

BIO 360: Animal Physiology (3)

BIO 370: Vertebrate Zoology (4)

BIO 385: Comparative Invertebrate Zoology (4)

BIO 410: Techniques in Conservation Biology and Ecology (L) (3)

BIO 422: Ecosystem Ecology (3)

BIO 423: Population and Community Ecology (3)

BIO 426: Limnology (L) (3)

BIO 431: Genes, Development, and Evolution (L) (3)

BIO 443: Applied Molecular Genetics and Genomics (3)

BIO 471: Ornithology (3)

BIO 474: Herpetology (4)

ENV 300 / PLB 300: Plant Diversity and Evolution (L or SG) (4)

ENV 302 / PLB 302: Plants and Civilization (L) (3)

ENV 345: Spatial Analysis in the Environmental Sciences (3)

ENV 385: Environmental Impact Assessment (3)

ENV 388 / FOR 388 / LSC 388 / PLB 388 / PTX 388: Research Fundamentals for the Natural Sciences (L) (3)

ENV 410: Soil Science (4)

FOR 370: Modern Practices in Forensic Science (3)
FOR 377: Forensic Analytical Chemistry Laboratory (2)
FOR 380 / LSC 380: Analysis of Nonhuman Forensic DNA Evidence (3)
FOR 400: Comparative Forensics (3)
FOR 401 / PTX 401: Forensic Toxicology (3)
FOR 402: Forensic Biology (3)
FOR 425 / LSC 425: Analytical Chemistry for Life Sciences (3)
FOR 426 / LSC 426: Analytical Chemistry for Life Sciences Lab (2)
FOR 447 / LSC 447: Molecular Genetics Laboratory (1)
FOR 475 / LSC 475 / PTX 475: Principles of Toxicology (3)
FOR 480 / LSC 480: Advanced Topics in Human Forensic DNA Typing (3)
LSC 322: Fundamentals of Ecology Laboratory (1)
LSC 347: Fundamentals of Genetics (3)
LSC 348: Fundamentals of Genetics Laboratory (1)
LSC 359: Animal Physiology Laboratory (1)
LSC 362: The Human Environment (3)
LSC 363: Genes, Race, Gender, and Society (L) (3)
LSC 430: Environmental and Human Toxicology (4)
LSC 432 / PTX 432: Fundamentals of Pharmacology (3)
LSC 434: Marine Ecology (3)
MIC 443: The Microbial Universe (3)
MIC 444: The Microbial Universe Laboratory (1)
PLB 308: Plant Physiology (4)
PLB 310: The Flora of Arizona (4)
PTX 301: Basics of Pharmacology and Toxicology (3)
PTX 450: Pharmacology and Toxicology Laboratory (1)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: None

Incompatible Majors: BA and BS in biology; BA and BS in environmental science; BS in biology (environmental science); BS in biology (pharmacology/toxicology); BS in biotechnology and bioenterprise; BS in forensic science; BS in pharmacology and toxicology

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Mathematical and Natural Sciences
<https://newcollege.asu.edu/biology-minor>
FAB N100
mnsadvising@asu.edu
602-543-3000

Business Minor (BABUSMIN)

Campus: Tempe, Online

Description:

A minor in business is available to students who are interested in business courses but wish to pursue majors in other colleges. The courses available for the minor are designed to appeal to and inform the nonbusiness student while covering a broad range of topics that are important to managers, such as:

- accounting

- computer information systems
- economics
- finance
- management
- marketing
- supply chain management

Program Requirements:

Students must complete 18 credit hours (12 of which must be upper-division) of the specified business courses with a grade of "C" (2.00) or better in each course. At least 12 credit hours must be taken at ASU.

No more than six credit hours can be shared between this minor and other business certificates and minors.

Required Courses -- 15 credit hours

ACC 382: Accounting and Financial Analysis (3)

ECN 211: Macroeconomic Principles (SB) or ECN 212: Microeconomic Principles (SB) (3)

FIN 380: Personal Financial Management (3)

MGT 380: Management and Strategy for Nonmajors (3)

MKT 390: Essentials of Marketing (3)

Elective (select one) -- 3 credit hours

AGB 420: Food Advertising and Promotion (3)

AGB 445: Food Retailing (3)

AGB 456: Food Product Innovation and Development (3)

CIS 300: Web Design and Development (3)

CIS 308: Advanced Excel in Business (3)

ECN 211: Macroeconomic Principles (SB) or ECN 212: Microeconomic Principles (SB) (3)

FIN 331: Financial Markets and Institutions (3)

LES 380: Consumer Perspective of Business Law (3)

MKT 391: Essentials of Selling (3)

MKT 395: Essentials of Advertising and Marketing Communication (3)

REA 380: Real Estate Fundamentals (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

The upper-division courses specified for the minor are restricted to students with 56 earned credit hours and a minimum 2.00 ASU cumulative GPA. College of Liberal Arts and Sciences Economics majors must use ECN 211 and ECN 212 in their degree and will take an additional elective to replace that requirement in the minor.

ACC 231 may substitute for ACC 382, if previously taken.

Enrollment Requirements:

GPA Requirement: 2.00

Incompatible Majors: BA in business

Other Enrollment Requirements: None

This minor is open to non-W. P. Carey majors.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Business, W. P. Carey School of

Dean, W.P. Carey School of Business

<https://wpcarey.asu.edu/undergraduate-degrees/business-minor>

BA 160

wpcareyug@asu.edu

Chemistry Minor (ASCHMMIN)

Campus: West

Description:

The minor program in chemistry offered by the School of Mathematical and Natural Sciences gives students expanded proficiency in the area of chemistry. The program's additional biochemistry and analytical chemistry courses gives students more experience in the advanced and integrative fields of chemistry.

Many of the growing career fields, such as forensic sciences, medicine and environmental quality, require a greater amount of chemistry than in the past. Therefore, students with a stronger chemistry background have a competitive advantage in these fields, and this chemistry minor highlights that expanded chemistry knowledge to students' future schools and employers.

Program Requirements:

The minor in chemistry consists of 25 credit hours. A minimum of nine credit hours must be taken through the School of Mathematical and Natural Sciences. All courses used to satisfy requirements for the minor must be passed with a "C" (2.00).

Core Requirements -- 25 credit hours

BCH 371: Modern Concepts in Biochemistry AND BCH 372: Modern Concepts in Biochemistry Laboratory (4)

CHM 113: General Chemistry I (SQ) (4)

CHM 116: General Chemistry II (SQ) (4)

CHM 233: General Organic Chemistry I AND CHM 237: General Organic Chemistry Laboratory I (4)

CHM 234: General Organic Chemistry II AND CHM 238: General Organic Chemistry Laboratory II (4)

LSC 425: Analytical Chemistry for Life Sciences AND LSC 426: Analytical Chemistry for Life Sciences Lab (5)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: None

Incompatible Majors: BA and BS in biology; BA and BS in environmental science; BS in biology (pharmacology/toxicology); BS in biology (environmental science); BS in biotechnology and bioenterprise; BS in forensic science; BS in pharmacology and toxicology

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Interdisciplinary Arts & Sciences, New College of

School of Mathematical and Natural Sciences

<https://newcollege.asu.edu/chemistry-minor>

FAB N100

mnsadvising@asu.edu

602-543-3000

Chemistry Minor (LACHMMIN)

Campus: Tempe

Description:

The chemistry minor program is designed to give students majoring in other disciplines a solid grounding in the basics of chemistry in order to complement their major degree. It is especially appropriate for students whose majors are in the various disciplines of physics, materials science, geology, engineering and life sciences.

Program Requirements:

The minor in chemistry comprises 28 credit hours of required courses, of which at least 12 credit hours must be completed at the upper-division level. Six of the 12 upper-division credit hours must be taken from courses offered by The College of Liberal Arts and Sciences. All courses must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher.

Required Courses -- 20 credit hours

CHM 113: General Chemistry I (SQ) or CHM 117: General Chemistry for Majors I (SQ) AND CHM 111: General Chemistry Laboratory for Majors I (SQ) (4)

Notes: Students who complete CHM 117 must also complete the corresponding CHM 111 lab.

CHM 116: General Chemistry II (SQ) or CHM 118: General Chemistry for Majors II (SQ) AND CHM 112: General Chemistry Laboratory for Majors II (SQ) (4)

Notes: Students who complete CHM 118 must also complete the corresponding CHM 112 lab.

CHM 233: General Organic Chemistry I (3)

CHM 237: General Organic Chemistry Laboratory I (1)

CHM 234: General Organic Chemistry II (3)

CHM 238: General Organic Chemistry Laboratory II (1)

CHM 325: Analytical Chemistry (3)

CHM 326: Advanced Analytical Chemistry Laboratory (1)

Options -- 8 credit hours

Choose one of the following options for the additional 8 credit hours. (8)

Option 1

BCH 361: Advanced Principles of Biochemistry (3)

BCH 367: Elementary Biochemistry Laboratory (1)

CHM 341: Elementary Physical Chemistry (3)

Notes: BCH 341 may not be used to substitute CHM 341.

CHM 343: Elementary Physical Chemistry Laboratory (1)

Option 2

CHM 345: Physical Chemistry I (3)

Notes: CHM 345 and CHM 348 are only offered in the Fall semester.

CHM 348: Physical Chemistry Laboratory I (L) (1)

CHM 346: Physical Chemistry II (3)

Notes: CHM 346 and CHM 349 are only offered in the Spring semester.

CHM 349: Physical Chemistry Laboratory II (L) (1)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: 2.00

Incompatible Majors: BS in applied biological sciences (all concentrations); BS and BA in biochemistry; BS in biochemistry (medicinal chemistry); BS and BA in chemistry; BS in chemistry (environmental chemistry); BS in forensic science; BS in health sciences (preprofessiona); BS in nutrition; BS in nutrition (human nutrition)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Liberal Arts & Sciences, The College of

School of Molecular Sciences

<https://sms.asu.edu>

PSD 104

Civic and Economic Thought and Leadership Minor (LACELMIN)

Campus: Tempe

Description:

The minor program in civic and economic thought and leadership trains students to read and understand influential ideas in philosophy, economics and politics in order to become leaders in their field of study. Through faculty use of the Socratic method teaching style, students are challenged in the classroom and forced to think critically about the problems that impact society today.

Students interested in careers as lawyers, doctors, journalists, educators, law enforcement officials and political scientists benefit from a liberal arts education that provides the academic foundation they need to ask informed questions, make sound decisions for the common good and solve the difficult problems that leaders confront in any discipline.

Students in the minor participate in a high-impact curriculum and are eligible for a global intensive experience, leadership seminars, an internship program and special access to prominent scholars and visiting fellows.

Program Requirements:

The minor in civic and economic thought and leadership requires 18 credit hours, of which 12 credit hours must be upper-division. At least 12 credit hours must be taken from ASU. All courses must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher.

Required Courses -- 12 credit hours

- CEL 100: Great Ideas of Politics and Ethics (HU) (3)
- CEL 200: Great Debates in American Politics and Economics (HU) (3)
- CEL 300: Capitalism and Great Economic Debates (3)
- CEL 475: Statesmanship and American Grand Strategy (3)

Upper-Division Electives -- 6 credit hours

- CEL 305: Classical Political Philosophy and Statesmanship: The Greeks (3)
- CEL 320: Modern Political Thought: Origins and Debates about Modern Liberty (3)
- CEL 345: Classics of Modern Economic Thought: Smith to Hayek and Beyond (3)
- CEL 375: Politics and Leadership in the Age of Revolutions, 1776-1826 (3)
- CEL 394: Supervised Research (3)
- CEL 484: Internship (<https://webapp4.asu.edu/catalog/courselist?s=CEL&l=300-399&t=2207&hon=F>) > CEL 3** Elective (3)
- CEL 492: Honors Directed Study (3)
- CEL 493: Honors Thesis (3)
- CEL 4** Elective (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: None

Incompatible Majors: BA in civic and economic thought and leadership; BS in civic and economic thought and leadership

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Liberal Arts & Sciences, The College of
School of Civic & Economic Thought and Leadership
<https://scetl.asu.edu>

SS 107
scetl@asu.edu
480-965-0155

Communication Minor (HSCMNMIN)

Campus: West

Description:

The minor program in communication provides students the opportunity to understand the role and function of communication in cultural, public, organizational and relational contexts. The program offers a flexible set of courses and is designed for students majoring in another field.

Program Requirements:

The minor in communication consists of 18 credit hours (a minimum of 12 credit hours must be upper-division). A minimum of nine credit hours must be taken through the School of Social and Behavioral Sciences. Students wishing to pursue the minor must meet with an academic advisor to construct a set of courses that reflect a particular area of specialty and interest. All courses must be passed with a minimum grade of "C" (2.00).

Required Courses -- 6 credit hours

COM 100: Introduction to Human Communication (SB) (3)

COM 225: Public Speaking (L) (3)

Upper Division Electives -- 12 credit hours

COM Upper Division Elective (12)

Up to three credit hours of COM 382, 383, 483, 484, 498 or 499 may be applied toward the minor.

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: None

Incompatible Majors: BA and BS in communication

Other Enrollment Requirements: None

The minor in communication is open to all ASU undergraduate majors.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Social and Behavioral Sciences

<https://newcollege.asu.edu/communication-minor>

FAB N100

sbsadvising@asu.edu

602-543-3000

Communication Minor (LACOMMIN)

Campus: Tempe, Online

Description:

The minor program in communication focuses on teaching students how communication processes create, maintain and transform identities, relationships, workplaces and communities.

Program Requirements:

The minor in communication consists of 18 credit hours. Nine of the 18 credit hours must be ASU resident credit courses, including six upper-division credit hours offered by The College of Liberal Arts and Sciences. All courses must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher.

Required Courses -- 6 credit hours

COM 100: Introduction to Human Communication (SB) (3)

COM 225: Public Speaking (L) or COM 259: Communication in Business and the Professions (3)

Minor Electives (choose two) -- 6 credit hours

COM 310: Relational Communication (SB) (3)

COM 312: Communication, Conflict, and Negotiation (3)

COM 316: Gender and Communication (SB & C) (3)

COM 323: Communication Approaches to Popular Culture (C) (3)

Related Area -- 6 credit hours

SGS OR APA OR AFR OR TCL OR AIS Upper Division Elective (6)

No pass/fail, "Y" credit or credit/no-credit courses are allowed.

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: 2.00

Incompatible Majors: BA and BS in communication

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/minors/communication-minor>)

Contact Information:

Liberal Arts & Sciences, The College of
Hugh Downs School of Human Communication

<https://humancommunication.asu.edu/>

STAUF 412

communication@asu.edu

480-965-5095

Communication Minor (LSCOMMIN)

Campus: Downtown Phoenix, Polytechnic

Description:

The minor in communication provides exposure to practical and theoretical aspects of communication, focusing on message-based processes that create, maintain and transform identities, relationships, organizations and cultures.

Program Requirements:

This minor requires 18 credit hours of communication courses.

Six credit hours must be taken from COM courses offered by the College of Integrative Sciences and Arts.

Required Course -- 3 credit hours

COM 100: Introduction to Human Communication (SB) (3)

Elective Courses -- 15 credit hours

COM Elective (3)

COM Upper Division Elective (12)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: 2.00

Incompatible Majors: BA or BS in communication

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Integrative Sciences and Arts, College of

College of Integrative Sciences and Arts

<https://cisa.asu.edu>

AZCNTR 380

CISA@asu.edu

602-496-0271

Community Health Minor (NUCHLTMIN)

Campus: Downtown Phoenix, West

Description:

The minor in community health is designed for students who want to create healthy, sustainable communities.

Community health focuses on the actions and conditions needed for the health and well-being of individuals, families and communities. Students acquire skills for working with teams in diverse settings to formulate research-based strategies that assist individuals to make healthy and sustainable lifestyle choices.

Program Requirements:

Required Courses -- 18 credit hours

HCR 220: Introduction to Health Professions and the U.S. Health Care System (H) (3)

HCR 231: Fundamentals of Community Health (3)

HCR 331: Communication within Communities (3)

HCR 335: Program Development and Management for Community Health (3)

HCR 336: Environmental Community Health (3)

HCR 435: Leaders in Community Health (3)

A "C" (2.00 on a 4.00 scale) or better is required in all courses.

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: 2.00

Incompatible Majors: BS in community health

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Nursing and Health Innovation, Edson College of
Edson College of Nursing and Health Innovation
<https://nursingandhealth.asu.edu/non-degree/minors>
MERCC 250
CONHI_advising@asu.edu
602-496-0888

Community Sports Management Minor (PPCSMMIN)

Campus: Downtown Phoenix

Description:

The community sports management minor focuses on helping students develop the skills they need to support recreational amateur sport programs within the community.

Sport programs exist in a number of settings, including nonprofit organizations, public agencies and corporate programs. For a student interested in a career in one of these settings, or simply interested in sport, this minor can provide additional skills relevant to any of those professions.

Program Requirements:

Core Courses -- 12 credit hours

CSM 201: Introduction to Community Sports (3)

Notes: Offered fall semester only

CSM 305: Sports Facility Operations and Management (3)

Notes: Offered spring semester only

CSM 407: Ethics and Legal Issues in Sports (3)

Notes: Offered fall semester only

PRM 315: Community Recreation Systems (3)

Notes: Offered fall semester only

Electives (choose two courses) -- 6 credit hours

CSM 335: Sports and Recreation for Youth Development (3)

Notes: Offered spring semester only

CSM 483: Sports Tourism (3)

Notes: Offered spring semester only

CSM 485: Sports Events (3)

Notes: Offered spring semester only

NLM 220: Introduction to Nonprofit Organizations (3)

NLM 310: Volunteer Management (3)

PRM 364: Foundations of Recreation Therapy (SB) (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: 2.00

Incompatible Majors: None

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor.

Students should contact their academic advisor for more information.

Contact Information:

Public Service and Community Solutions, Watts College of
School of Community Resources and Development
<https://scrd.asu.edu>
UCENT 550
scrdadvising@asu.edu
602-496-0550

Computational Mathematical Sciences Minor (LACMSMIN)

Campus: Tempe

Description:

The computational mathematical sciences minor offers a structured curriculum that includes a foundation in calculus with a focus on applied math. Students develop a framework of scientific computing and numerical analysis skills.

Program Requirements:

The minor in computational mathematical sciences consists of a minimum of 18 credit hours. At least 12 credit hours must be completed at the upper-division level and all courses must be completed with a grade of "C" (2.00 on a 4.00 scale) or better.

Required Courses -- 18 credit hours

MAT 271: Calculus with Analytic Geometry II (MA) or MAT 266: Calculus for Engineers II (MA) (3-4)

MAT 272: Calculus with Analytic Geometry III (MA) or MAT 267: Calculus for Engineers III (MA) (3-4)

MAT 342: Linear Algebra or MAT 343: Applied Linear Algebra (3)

MAT 420: Scientific Computing (3)

MAT 421: Applied Computational Methods (CS) (3)

MAT 423: Numerical Analysis I (CS) or MAT 425: Numerical Analysis II (CS) (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: 2.00

Incompatible Majors: BS in actuarial science; BS in applied mathematics; BS in computational mathematical science; BS in statistics, BA and BS in mathematics (including all concentrations); BAE in secondary education (mathematics)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Liberal Arts & Sciences, The College of
School of Mathematical and Statistical Sciences
<https://math.asu.edu>
WXMLR A211
math@asu.edu
480-965-7195

Conflict Resolution Minor (ASCNRMIN)

Campus: West

Description:

The minor program in conflict resolution introduces students to theories and practices that enable them to understand, address and transform conflict while dealing with challenges both at the micro and the macro levels in professional and cross-cultural contexts and in individual and collective interactions.

Having engaged with subject areas in communication, conflict and peace studies, students will be ready to pursue further education or careers in business, mediation, advocacy, education, government and law.

Program Requirements:

The minor in conflict resolution consists of 15 credit hours. A minimum of nine credit hours must be upper-division. A minimum of six credit hours of COM courses must be taken through the School of Social and Behavioral Sciences. All courses must be passed with a minimum grade of "C" (2.00).

Required Courses -- 15 credit hours

COM 100: Introduction to Human Communication (SB) or COM 310: Relational Communication (SB)

(<https://webapp4.asu.edu/catalog/courselist?s=COM&l=upperdivision&t=2207&hon=F>) > COM Upper Division Elective (3)

Notes: COM 100 is a prerequisite to COM 310 and COM 312. If COM 100 has already been taken as a major requirement, a COM upper-division elective may be substituted.

(3)

COM 312: Communication, Conflict, and Negotiation (3)

COM 414: Crisis Communication or COM 415: Risk Communication (3)

PAX 230: Introduction to Peace Studies (G) or JHR 100: Introduction to Social Justice and Human Rights (SB & G) (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: Two required courses in the minor have a minimum GPA of 2.00 (COM 310 and COM 312)

Incompatible Majors: BA in conflict resolution

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Interdisciplinary Arts & Sciences, New College of

School of Social and Behavioral Sciences

<https://newcollege.asu.edu/conflict-resolution-minor>

FAB N100

SBSadvising@asu.edu

602-543-3000

Construction Management Minor (ESCMGMIN)

Campus: Tempe

Description:

The minor program in construction management is comprised of coursework in construction management processes incorporating the technology and industry practices required to ensure a quality-built environment. Due to industry demands for increased numbers of skilled personnel, this minor provides much needed supplementary knowledge for architecture, engineering and business majors as well as students majoring in sustainability.

Program Requirements:

The minor in construction management requires 21 credit hours. A minimum cumulative 2.00 ASU GPA is needed to complete the minor.

Core Required Courses -- 21 credit hours

CON 244: Working Drawing Analysis (2)
CON 251: Microcomputer Applications for Construction (3)
CON 252: Building Construction Methods, Materials, and Equipment (3)
CON 383: Construction Estimating (4)
CON 453: Construction Technology (3)
CON 495: Construction Planning and Scheduling (CS) (3)
CON 496: Construction Contract Administration (L) (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: 2.00

Incompatible Majors: BS in construction management; BSE in construction engineering

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Engineering, Ira A. Fulton Schools of
School of Sustainable Engineering & Built Environment
<https://ssebe.engineering.asu.edu/>
CAVC 437
sebe.advising@asu.edu
480-965-0595

Counseling and Applied Psychological Science Minor (LSCAPSMIN)

Campus: Polytechnic

Description:

Counseling and applied psychology coursework focuses on the promotion of psychological well-being. Students learn basic counseling skills and techniques to complement a variety of social science and health majors, including psychology, public health, interdisciplinary studies, social work and humanities, among many others.

Program Requirements:

Required Courses -- 9 credit hours

CAP 120: Introduction to Counseling (SB) (3)
CAP 220: Self in a Multicultural Society (C) (3)
CAP 240: Counseling Skills (3)

Electives (choose four courses) -- 12 credit hours

CAP 310: Addictions I: Foundations and Basic Principles (3)
CAP 315: Trauma and Crisis Intervention (3)
CAP 320: Theories of Counseling and Psychotherapy (3)
CAP 325: Professional Practice and Ethics in Counseling (3)
CAP 330: Group Counseling (3)
CAP 340: Multicultural Counseling Theory and Practice (3)
CAP 342: Community Outreach, Prevention and Intervention (3)
CAP 420: School Counseling (3)
CAP 440: Addictions II: Treatment, Recovery and Relapse Prevention (3)
FAS 331: Marriage and Family Relationships (SB) (3)
FAS 370: Family Ethnic and Cultural Diversity (SB & C) (3)
JUS 305: Principles of Justice Studies (SB) (3)
PSY 315: Personality Theory and Research (SB) (3)

PSY 320: Learning and Motivation (3)
PSY 341: Developmental Psychology (SB) (3)
PSY 350: Social Psychology (SB) (3)
PSY 366: Abnormal Psychology (SB) (3)
PSY 369: Biology of Human Sexuality (3)
PSY 385: Psychology of Gender (SB) (3)
PSY 444: Adolescent Psychology and Psychopathology (3)
PSY 472: Clinical Psychology (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: 2.00

Incompatible Majors: BS in counseling and applied psychological science

Other Enrollment Requirements: None

The minor in counseling and applied psychological science is open to all ASU undergraduate majors.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Integrative Sciences and Arts, College of
College of Integrative Sciences and Arts
<https://cisa.asu.edu/>
SANCA 233
CISA@asu.edu
480-727-1526

Criminology and Criminal Justice Minor (PPCRJMIN)

Campus: Downtown Phoenix, Online

Description:

The minor program in criminology and criminal justice allows students in other undergraduate programs at ASU to explore issues of crime, law and the criminal justice system. The program provides students with the tools to analyze complex issues and policies within the criminal justice system, enhancing students' ability to understand the nature of crime and the system response to law breaking.

In addition to the three required courses which provide a solid understanding of the field, each student selects electives to meet specific interests.

Criminal justice majors may not pursue a minor in criminal justice.

Program Requirements:

For this minor, students will:

1. at minimum, be in junior standing to take upper-division courses.
2. complete CRJ 100 as the prerequisite for all upper-division CRJ courses.
3. complete a minimum of 18 credit hours of graded classroom and online course work (internship or independent study not applicable).
4. complete a minimum of 12 credit hours of CRJ resident credit at ASU.
5. earn a grade of "C" (2.00 on a 4.00 scale) or better for all courses in the minor.
6. consider meeting with a criminal justice advisor prior to registration.

Required Courses -- 6 credit hours

CRJ 100: Introduction to Criminal Justice (SB) (3)

CRJ 309: Criminology (SB) (3)

Choose one of the following -- 3 credit hours

CRJ 203: Courts and Sentencing (3)

CRJ 230: Introduction to Policing (3)

CRJ 240: Introduction to Corrections (3)

Choose one of the following -- 3 credit hours

CRJ 306: Race, Ethnicity, Crime, and Criminal Justice (C) (3)

CRJ 305: Gender, Crime, and Criminal Justice (C) (3)

CRJ Electives -- 6 credit hours

CRJ Upper Division Elective (6)

Notes: Choose any two CRJ courses at the 300- or higher level.

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: 2.00

Incompatible Majors: BS in criminology and criminal justice; BS in public service and public policy with the following concentrations: criminology, law and policy, or emergency management and homeland security

Other Enrollment Requirements: None

Applicants are asked to meet with a criminal justice advisor prior to registration.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/request-info>)

Contact Information:

Public Service and Community Solutions, Watts College of

School of Criminology and Criminal Justice

<https://ccj.asu.edu/>

UCENT 600

SCCJAdvising@asu.edu

602-496-2356

Dance Minor (FADANMIN)

Campus: Tempe

Description:

The minor program in dance provides a dynamic and culturally diverse learning environment in which students develop their creativity as artists, scholars and educators. The transdisciplinary curriculum promotes creative collaboration and a holistic approach to acquiring skills for successful career transitions. Movement practices, performance and creativity practice define the core of the program. The rich educational experience is further enhanced by studies in:

- criticism
- dance cultures
- dance history
- digital media
- movement science
- music
- pedagogy and leadership
- philosophy

- production
- somatics

Program Requirements:

The minor in dance consists of 19 credit hours of coursework, including 12 upper-division credit hours. A minimum grade of "C" (2.00) or higher is required in all classes for the minor.

A minimum GPA of 3.00 in minor courses is required to earn the minor in dance.

Choose one course -- 3 credit hours

- DCE 100: Introduction to Dance (HU) (3)
- DCE 201: Dance, Culture, and Global Contexts (HU) (3)
- DCE 202: Dance in U.S. Popular Culture (HU & C) (3)

Choose one from the following -- 3 credit hours

- DCE 300: Moving Histories (HU) (3)
- DCE 301: Meaning in Motion (L or HU) (3)
- DCE 303: The Body Condition(ed) (SB) (3)
- DCE 350: Dance in the Classroom: Learning Through Movement (HU) (3)
- DCE 402: Ethnography of Dance Practices (L) (3)
- DCE 404: Dance and Ethics (3)
- DCE 405: Rhetorical Moves (L or HU) (3)

Choose two from the following -- 4 credit hours

Students interested in enrolling in movement courses reserved for dance majors must gain instructor permission prior to enrolling.

- DCE 110: Argentine Tango I (2)
- DCE 111: Belly Dancing I (2)
- DCE 112: Capoeira I (2)
- DCE 113: Dances of Africa I (2)
- DCE 114: Dances of India I (2)
- DCE 115: Yoga I (2)
- DCE 116: T'ai Chi Chuan I (2)
- DCE 117: Feldenkrais I (2)
- DCE 118: Yoga/Pilates (2)
- DCE 120: Modern Dance I (2)
- DCE 121: Ballet I (2)
- DCE 122: Jazz I (2)
- DCE 123: Hip Hop I (2)
- DCE 124: Latin/Swing/Ballroom I (2)
- DCE 125: Latin/Salsa I (2)
- DCE 126: Country-Western (2)
- DCE 133: Urban Movement Practices I (2)
- DCE 134: Postmodern Contemporary I (2)
- DCE 135: Contemporary Ballet I (2)
- DCE 136: Somatic Practices I (2)
- DCE 194: Special Topics (2)
- DCE 210: Argentine Tango II (2)
- DCE 211: Belly Dancing II (2)
- DCE 216: T'ai Chi Ch'uan II (2)
- DCE 220: Modern Dance II (2)
- DCE 221: Ballet II (2)
- DCE 222: Jazz II (2)
- DCE 223: Hip Hop II (2)
- DCE 224: Latin/Swing/Ballroom II (2)
- DCE 225: Latin/Salsa II (2)
- DCE 240: Media for Dance (CS) (3)
- DCE 294: Special Topics (2)
- DCE 324: Latin/Swing/Ballroom III (2)

Upper Division Dance Electives -- 9 credit hours

- DCE Upper Division Elective (9)

minor.

Enrollment Requirements:

GPA Requirement: 2.00

Incompatible Majors: All dance majors

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Design & the Arts, Herberger Institute for

School of Music, Dance and Theatre

<https://musicdancetheatre.asu.edu/>

GHALL 232

fdt@asu.edu

480-965-5337

Design Studies Minor (ARDSNMIN)

Campus: Tempe

Description:

Students interested in design can earn a minor in design studies through this nonstudio-based program of study that focuses on the design disciplines offered in the ASU Herberger Institute:

- architectural studies
- graphic design
- industrial design
- interior design
- landscape architecture

The courses may also appeal to students who wish to pursue the study of design within the BA in interdisciplinary studies.

Program Requirements:

Courses selected must satisfy the minimum requirement of 18 credit hours for the minor. 12 of the credit hours must be in 300-level or 400-level coursework.

To enhance understanding of the subject matter, some of the designated courses are sequential in nature and require certain prerequisites.

Consequently, students should carefully note the semester in which these particular courses are offered. All designated courses for the minor in design studies are lecture courses.

Lower Division Design Studies -- 6 credit hours

ALA 100: Introduction to Environmental Design (HU & H & G) (3)

ALA 102: Landscapes and Sustainability (HU & G) (3)

DSC 101: Design Awareness (HU & G) (3)

EDS 223: Design Thinking (3)

GRA 101: Designing Life (3)

GRA 111: Graphic Design History I (HU) (3)

GRA 112: Graphic Design History II (3)

GRA 225: Communication/Interaction Design Theory (3)

GRA 294: Illustrator (3)

GRA 294: InDesign (3)

GRA 294: Photoshop (3)

IND 242: Materials and Design (3)

IND 243: Design for Ecology and Social Equity (3)

INT 111: Interior Design Issues and Theories (HU) (3)

INT 121: Introduction to Computer Modeling for Interior Design (CS) (3)
INT 123: Introduction to Computer-Aided Design and Building Information Modeling (3)
INT 131: Design and Human Behavior (SB) (3)
LAP 254: Plant Materials (3)

Upper Division Design Studies -- 12 credit hours

APH 300: World Architecture I/Western Cultures (HU & H & G) or APH 313: History of Architecture I ((L or HU) & G & H) (3)
APH 314: History of Architecture II ((L or HU) & G & H) (3)
APH 405: Contemporary Architecture and Urbanism 1970 to the Present (HU & H) (3)
APH 414: Great Cities ((L or HU) & H) (3)
APH 421: First Concepts: What is... The Writing, Philosophy, and Culture of Architecture (L or HU) (3)
APH 461: Charles and Ray Eames (HU) (3)
APH 494: Special Topics (3)
DSC 394: Design Entrepreneurship & Society (3)
DSC 494: Special Topics (3)
EDS 301: Sustainable Community Design and Practices (3)
GRA 345: Design Rhetoric (L) (3)
GRA 401: Creative Environment (3)
GRA 440: Finding Purpose (3)
IND 316: 20th-Century Design I (HU & H) (3)
IND 317: 20th-Century Design II (HU & H) (3)
IND 344: Human Factors in Design (3)
IND 354: Principles of Product Design (3)
INT 310: History of Interior Design I (HU & H) (3)
INT 311: History of Interior Design II (HU & H) (3)
INT 415: Latin American Design or INT 494: Design and Culture in Latin America (3)
INT 494: Contemporary Design Issues in Europe (3)
INT 494: Design and Context (3)
LAP 485: International Field Studies (G) (3)
LAP 494: Special Topics (3)
LPH 310: History of Landscape Architecture (HU & H) (3)
LPH 311: 20th-Century Landscape Architecture (HU) (3)
LPH 494: Special Topics (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: 2.50

Incompatible Majors: All majors in The Design School as well as design studies and design studies (design management)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Design & the Arts, Herberger Institute for
Design School, The
<https://herbergerinstitute.asu.edu/>
CDS 101
herbergeradvising@asu.edu
480-965-4495

Digital Audiences Minor (CSDAUMIN)

Campus: Downtown Phoenix, Online

Description:

Who are digital consumers? How can they be measured? And how can what is known be used to better engage and grow audiences?

By exploring the users of websites, social networks and apps, and applying skills such as analytics, social media execution, network analysis, search engine optimization and search engine marketing, students who pursue the digital audiences minor gain a rich understanding of how to acquire and engage audiences.

The program uses real cases from real brands and organizations to explore tools from Google Analytics to Facebook Audience Insights and tactics from hashtag analysis to competitive keyword research. Upon completion, students have a portfolio of real client work and the skills to strategically grow digital audiences and harness analytics to drive organizational change.

Program Requirements:

Students must complete MCO 307 first. In order to enroll in the course, students must have a 2.00 cumulative GPA.

To be awarded the minor, students must earn a "C" or better in all courses.

Required Courses -- 15 credit hours

MCO 307: The Digital Audience (3)

MCO 436: Audience Research and Behavior (3)

MCO 437: Audience Acquisition and Engagement (3)

MCO 438: Digital Audience Analysis (3)

MCO 439: Digital Audience Growth (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Students interested in pursuing graduate programs in Digital Audiences should consult their academic adviser.

Enrollment Requirements:

GPA Requirement: 2.00

Incompatible Majors: BS in digital audiences

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic adviser to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic adviser or the department offering the minor for more information: <https://cronkite.asu.edu/undergrad/minor-digital-audiences> (<https://cronkite.asu.edu/undergrad/minor-digital-audiences>).

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/minors/digital-audience-minor>)

Contact Information:

Journalism & Mass Communication, Walter Cronkite School of

Walter Cronkite School of Journalism & Mass Comm

<https://cronkite.asu.edu/undergrad/minor-digital-audiences>

CRONK 222

cronkiteadvising@asu.edu

602-496-5055

Digital Culture Minor (HIDGCMIN)

Campus: Tempe

Description:

The digital culture minor allows students to enhance their program of study with integrated, interdisciplinary training in creative processes and technical skills in new media with cultural applications.

Students develop both the technical skills to create computational media and the cultural skills to know when or why to apply them. Students in the

digital culture minor learn to create computational media (computation combined with objects, sound, video, time, space, culture and bodies), breathe behavior into media, objects or systems by programming, and think critically about how computation impacts lives and how culture makes a difference in how people experience computational media, a critical skill in the dynamic 21st century.

Equipped with skills and judgment, digital culture graduates work in cultural communication, marketing, design, social media, health, education, entertainment and creative arts, and all areas in which culture is shaped by technology and computational media. Digital culture students learn techniques that can transform society, and they communicate using contemporary computational media, a vital power in the world.

Program Requirements:

The digital culture minor requires 21 credit hours (12 upper-division). Courses for the minor may not be used as part of a major. A minimum of 12 upper-division credit hours taken at ASU is required.

Required Digital Culture Studies Courses -- 6 credit hours

AME 111: Introduction to Digital Culture (CS) (3)

AME 112: Computational Thinking for Digital Culture or AME 230: Programming for the Media Arts (CS) (3)

Digital Culture Studies -- 6 credit hours

AME 112: Computational Thinking for Digital Culture (3)

AME 130: Prototyping Dreams (L) (3)

AME 210: Media Editing (3)

AME 220: Programming for the Web (3)

AME 244: Introduction to Interactive Environments (3)

AME 294: Special Topics (3)

AME 310: Media Literacies and Composition (3)

AME 320: Motion Capture for Integrative Systems (3)

AME 330: Digital-Physical Systems (3)

AME 340: Compositional and Computational Principles for Media Arts (3)

AME 394: Special Topics (3)

AME 410: Interactive Materials (3)

AME 411: Advanced Interactive Sound (3)

AME 430: Mac Development for Media Arts (3)

AME 435: Mobile Development (3)

AME 444: Media Installations (3)

AME 470: Programming for Social and Interactive Media (3)

AME 485: Digital Culture Capstone I (3)

AME 494: Special Topics (3)

ART 378: Digital Textiles (3)

DCE 294: HybridAction:PhysicalIntelligenceinDigitalCulture (3)

FSH 394: Fashion Design & Wearable Technology (3)

MDC 211: Introduction to Digital Sound (3)

MDC 311: Composing and Performing for Hybrid Ensembles (3)

MDC 411: Advanced Interactive Sound (3)

Digital Media - Media Arts and Design -- 6 credit hours

AME 294: Special Topics (3)

AME 394: Special Topics (3)

AME 494: Special Topics (3)

ART 116: Introduction to Digital Media (3)

ART 206: Digital Photography I (3)

ART 217: Introduction to Computer Animation (3)

ART 218: 3D Tools (3)

ART 308: 2D Digital Animation (3)

ART 346: 3-D Computer Imaging and Animation (CS) (3)

ART 348: Animation Motion Studies (3)

ART 394: Digital Photography for Non-Majors (3)

ART 424: Stop Motion Animation (3)

ART 438: Moving and Interactive Systems in Sculpture (3)

ART 440: Experimental Video Art (3)

ART 494: Documentary Video Art (3)

ART 494: Visual Prototyping (3)

CIS 300: Web Design and Development (3)

CPI 111: Game Development I (CS) (3)

DCE 294: HybridAction:PhysicalIntelligenceinDigitalCulture (3)

EDT 440: Creating and Marketing Mobile Apps (3)
EEE 307: Signal Processing for Digital Culture (3)
FMP 240: Introduction to Animation for Film (3)
FMP 255: Media Authorship (CS) (3)
FMP 294: Sound Design: From Hollywood to Independent Film (3)
FMP 394: Non-Linear Editing for Film and Media (3)
GIT 135: Graphic Communications (3)
GIT 215: Introduction to Web Authoring (3)
GIT 230: Digital Illustration in Publishing (3)
GRA 294: Photoshop (3)
IAP 103: Foundations I: Interdisciplinary Digital Media (3)
IAP 104: Foundations I: Fundamentals of Sound Art (3)
IAP 322: Multitrack Digital Recording (3)
IAP 361: Digital Editing and Media Literacy (CS) (3)
IAP 364: Documentaries (3)
IAP 394: Motion Graphics & Animation (3)
IAP 462: Games and Play (3)
MDC 211: Introduction to Digital Sound (3)
MDC 311: Composing and Performing for Hybrid Ensembles (3)
GRA 294: Illustrator (3)
GRA 294: InDesign (3)

Related Digital Culture or Historical/Theoretical -- 3 credit hours

ALA 100: Introduction to Environmental Design (HU & H & G) (3)
ALA 102: Landscapes and Sustainability (HU & G) (3)
APH 300: World Architecture I/Western Cultures (HU & H & G) (3)
APH 313: History of Architecture I ((L or HU) & G & H) (3)
APH 314: History of Architecture II ((L or HU) & G & H) (3)
ARA 202: Understanding Photographs (3)
ARA 396: Professional Practices for Design and the Arts (3)
ARS 102: Art from Renaissance to Modernism (HU & H) (3)
ARS 345: Art and Television (3)
ARS 394: Anime (3)
ARS 438: Art of the 20th Century I (HU & H) (3)
ARS 439: Art of the 20th Century II (HU & H) (3)
ASB 344: Technology and Society (L or SB) (3)
DCE 300: Moving Histories (HU) (3)
DSC 101: Design Awareness (HU & G) (3)
ENT 290: Entrepreneurship: Opportunity to Impact (3)
ENT 305: Principles of Entrepreneurship (3)
FMP 403: Independent Film (HU) (3)
FMP 404: World Cinema (G) (3)
FMP 405: Film and Television: Pioneers, Practices and Innovations (HU) (3)
GRA 111: Graphic Design History I (HU) (3)
GRA 112: Graphic Design History II (3)
HDA 210: Creativity and Innovation in Design and the Arts (3)
HDA 252: Foundations Arts and Design Entrepreneurship (3)
HDA 310: Socially Engaged Practice (3)
IAP 102: Foundations I: Performance Techniques and Composition (3)
IAP 105: Foundations I: Fundamentals of Visual Art (3)
IND 316: 20th-Century Design I (HU & H) (3)
IND 317: 20th-Century Design II (HU & H) (3)
INT 111: Interior Design Issues and Theories (HU) (3)
INT 310: History of Interior Design I (HU & H) (3)
INT 311: History of Interior Design II (HU & H) (3)
LPH 310: History of Landscape Architecture (HU & H) (3)
LPH 311: 20th-Century Landscape Architecture (HU) (3)
MHL 440: Topics in 20th-Century Music (L or HU) (3)
MUS 347: Jazz in America (HU & C) (3)
MUS 354: Popular Music (HU) (3)
MUS 356: Broadway and the American Musical (HU) (3)
SOC 334: Technology and Society (L or SB) (3)
THE 320: History of the Theatre I (HU & H) (3)
THE 321: History of the Theatre II (HU & H) (3)

THE 322: Theatre History and Culture (HU & H) (3)
THP 482: Theatre for Social Change (C) (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Students who earn a digital culture minor cannot earn a certificate in digital culture.

Enrollment Requirements:

GPA Requirement: 2.50

Incompatible Majors: All digital culture majors

Other Enrollment Requirements: None

Students are required to meet with the digital culture academic success coordinator to develop the digital culture pathway that best meets the proficiencies for the work they are interested in pursuing.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Design & the Arts, Herberger Institute for
Arts, Media and Engineering Sch T
<https://herbergerinstitute.asu.edu/node/40666>
STAUF B 217
digitalculture@asu.edu
480-965-9438

Disability Studies Minor (ASDISASMIN)

Campus: West

Description:

The minor in disability studies explores historical, linguistic, social, artistic and legal dimensions of disability with the goal of improving society in ways that will benefit those with disabilities.

Through curriculum that combines theory and practice, students will be prepared to address injustices, exclusions and misapprehensions regarding disabilities through advocacy and self-advocacy, education, knowledge of the law and historical awareness. The minor's coursework, designed to complement any undergraduate major, utilizes an electronic portfolio tailored to students' professional interests.

Students will be able to apply the knowledge gained in this program toward careers in policy and advocacy, social work, education, government, and with community and nongovernmental organizations.

Program Requirements:

The minor in disability studies consists of 18 credit hours; a minimum of 12 credit hours must be upper-division. 12 credit hours must be completed through coursework in the School of Humanities, Arts and Cultural Studies. Program requirements include six credit hours of core coursework, nine credit hours of electives and three credit hours of culminating experience. All courses used to fulfill the requirements of this minor must be passed with a "C" (2.00) or better.

Core Requirements -- 6 credit hours

DST 101: Introduction to Disability Studies (3)

HRC 200: Introduction to Social and Cultural Analysis (SB & C) (3)

Electives -- 9 credit hours

AMS 449 / ETH 449 / WST 449: Hate Speech, Manifestos, and Radical Writings (SB & C) (3)

AMS 469 / ETH 469 / WST 469: Abject Bodies and the Politics of Trash (SB & C) (3)

ASB 339 / POS 339 / SBS 339 / SOC 339: Grassroots Social Movements (SB) (3)

BIO 312 / IAS 340 / PHI 320: Bioethics (HU) (3)

DST 322: Social and Cultural Implications of the Many Forms of Disability (3)
DST 458: Disability and Communication Advocacy (3)
ENG 469: Science and Literature (L or HU) (3)
HRC 310: Social and Cultural Studies: Method and Theory (C) (3)
HRC 494: Veterans and Critical Disability Studies (3)
IAP 494: Accessibility in Digital Arts and Design (3)
IAP 494: Disability and Aesthetics (3)
JUS 301: Research in Justice Studies (SB) (3)
JUS 437: The Social Construction of Disability and Justice (3)
JUS 494: Policy, Advocacy and Disability (3)
SOC 400: Perspectives on Aging (SB) (3)
SOC 426: Social Inequality (SB) (3)
WST 444: Gender, Health, and Bodies (SB) (3)

Culminating Course -- 3 credit hours

HRC 480: Capstone: Practices and Approaches (L) or IAS 484: Internship (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: 2.00

Incompatible Majors: BA in disability studies

Other Enrollment Requirements:

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor. Students should contact their academic advisor for more information

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Humanities, Arts, and Cultural Studies
<https://newcollege.asu.edu/humanities-arts-cultural-studies-degree-programs>
FAB N100
HArCSadvising@asu.edu
602-543-3000

Early Childhood Education Minor (TECEDMIN)

Campus: Downtown Phoenix, Polytechnic, Tempe, West

Description:

A minor in early childhood education allows students to combine their knowledge of their major discipline with an understanding of educational practices for young children and their families. The ultimate goal of this minor is to produce graduates who understand and apply knowledge of child development and collaboration within educational community contexts.

The service learning experience embedded in this minor enables students to apply their knowledge and skills to authentic educational contexts in the community.

Program Requirements:

Required Courses -- 18 credit hours

ECS 312: Social and Emotional Development of the Young Child (SB) (3)

ECS 431: Family, Community and Professional Support Systems (3)

EDP 310: Educational Psychology for Non-Teachers (SB) (3)

Notes: Complete three one-hour courses in EDP 310

TEL 215: Introduction to Child and Adolescent Development (SB) (3)

USL 210: Service Learning: Intro to Diverse Community Issues (L & C) (3)

SPE 222: Orientation to Education of Exceptional Children (SB & C) (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: 2.00

Incompatible Majors: All education majors

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Teachers College, Mary Lou Fulton

Division of Teacher Preparation

<https://education.asu.edu/>

ED 118

educationadvising@asu.edu

480-965-5555

Economics Minor (LAECNMIN)

Campus: Tempe

Description:

Economics is a social science that examines how societies, businesses and individuals deal with scarcity, and this minor in economics offers instruction by world-renowned researchers and award-winning professors. Students study micro- and macroeconomic concepts that are changing the landscape of today's dynamic world.

Students who pursue the minor in economics create a personalized program of study that covers economic theory and applications. Students complete introductory courses (ECN 211 and ECN 212) and choose electives from a large set of upper-division offerings to suit individual interests and goals.

Program Requirements:

The minor in economics consists of 18 credit hours in economics courses, of which 12 credit hours must be upper-division. A minimum of six upper-division credit hours must be taken in courses offered by the W. P. Carey School of Business. Only courses completed with a grade of "C" (2.00 on a scale of 4.00) or better can be used to satisfy minor requirements.

Required Courses -- 6 credit hours

ECN 211: Macroeconomic Principles (SB) (3)

ECN 212: Microeconomic Principles (SB) (3)

Electives -- 12 credit hours

ECN Upper Division Elective (12)

No more than three credit hours of ECN 484 Internship may be applied to the minor.

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: None

Incompatible Majors: BS in economics; BS in economics (politics and the economy); BS in politics and the economy
Academic Catalog Archive 2020-2021

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Liberal Arts & Sciences, The College of
Economics Program in CLAS
<https://thecollege.asu.edu/content/economics-0>
CPCOM 412
wpcareyecn@asu.edu
480-965-3531

Educational Studies Minor (TEEDSTMIN)

Campus: Downtown Phoenix, Polytechnic, Tempe, West

Description:

Learning happens everywhere and at all ages. The educational studies minor prepares graduates to work with children, youth and adults in nonprofit settings, community institutions, civic organizations and businesses. It provides a foundation for students to shape the role of education in society and the act of learning.

Students interested in career and technical education certificates can use the educational studies minor to meet coursework requirements for the Career and Technical Education certificate. Additional requirements for the CTE certificate, including work experience, are not included in the minor. Students interested in obtaining the CTE certificate should refer to the Arizona Department of Education website for further information.

Program Requirements:

The minor in educational studies requires 18 credit hours, including nine lower-division credits and nine upper-division credits. A "C" grade or better is required in all coursework.

Required Courses (choose two) -- 6 credit hours

EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) (3)

SPE 222: Orientation to Education of Exceptional Children (SB & C) (3)

TEL 111: Exploration of Education (SB) (3)

TEL 200: Social Embeddedness of Educational Endeavors (3)

TEL 208: Literacy in a Changing World (3)

TEL 215: Introduction to Child and Adolescent Development (SB) (3)

Required Service Learning -- 3 credit hours

USL 210: Service Learning: Intro to Diverse Community Issues (L & C) (3)

General Overview of Education -- 9 credit hours

ECS 312: Social and Emotional Development of the Young Child (SB) (3)

EDP 310: Educational Psychology for Non-Teachers (SB) (1-6)

Notes: Up to six 1-credit EDP 310 topics can be taken.

TEL 430: Learning Outside of School (3)

TEL 431: Learning in Workplaces (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: 2.00

Incompatible Majors: All education majors

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Teachers College, Mary Lou Fulton
Division of Teacher Preparation
<https://education.asu.edu/>
ED 118
educationadvising@asu.edu
480-965-5555

Engineering Management Minor (ESENMMIN)

Campus: Tempe, Online

Description:

The minor in engineering management is a program designed to provide students with the skills for effective management and leadership of engineering-driven enterprises. This minor can also be used by interdisciplinary studies BA students as part of their degree program.

The minor curriculum supplements students' majors by adding to the breadth of engineering science and design and equipping the student with additional management and design skills. This knowledge is augmented with an understanding of business practices, organizational behavior and management skills to enable the student to succeed in the management of a scientific or engineering enterprise. Topics such as project and resource management, financial engineering, risk management, configuration management, service plans, product liability, entrepreneurship and operations management are covered, in addition to product design and process development.

Program Requirements:

The program of study for a minor in engineering management requires completion of 18 credit hours: four core courses (12 credit hours) and two elective courses (six credit hours). All courses must be passed with a "C" or better. At least 12 credit hours must be completed in residency at ASU or through ASU Online.

Core Courses -- 12 credit hours

IEE 300: Economic Analysis for Engineers (3)

IEE 380: Probability and Statistics for Engineering Problem Solving (CS) or IEE 220: Business and Industrial Engineering (3)

Notes: *Students whose major requires IEE 380 "Probability and Statistics for Engineering Problem Solving" will need to take IEE 220 "Business and Industrial Engineering" for the engineering management minor. **Students who are not required to take IEE 380 as part of their major requirements should plan to take it for the minor instead of IEE 220 to be eligible for more required electives. ***Online students are required to complete IEE 380 as part of their core.

IEE 431: Engineering Administration (L) (3)

IEE 458: Project Management or CEE 481: Civil Engineering Project Management (3)

Notes: CEE 481 may not be used for both the civil engineering degree (major) and the engineering management minor.

Electives -- 6 credit hours

IEE 369: Work Analysis and Design (L) (3)

IEE 376: Operations Research Deterministic Techniques/Applications (3)

IEE 381: Lean Six Sigma Methodology (3)

IEE 412: Introduction to Financial Engineering (3)

IEE 454: Risk Management (3)

IEE 456: Introduction to Systems Engineering (3)

IEE 474: Quality Control (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: None

Incompatible Majors: BSE in engineering management; BSE in industrial engineering
Academic Catalog Archive 2020-2021

Other Enrollment Requirements: Prior to enrolling in the minor, students must have completed MAT 265 and MAT 266 (or an equivalent calculus sequence) with a grade of "C" or better in each.

Students who are not required to take IEE 380 as part of their major requirements should plan to take it for the minor instead of IEE 220 to be eligible for more required electives.

Interested students should consult with a School of Computing, Informatics and Decision Systems Engineering advisor to verify eligibility and to review all courses required for the minor. To schedule a CIDSE advising appointment, students should visit <https://fultonapps.asu.edu/advising> (<https://fultonapps.asu.edu/advising>).

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Upper division courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/minors/engineering-management-minor/>)

Contact Information:

Engineering, Ira A. Fulton Schools of
Industrial, Systems & Operations Engineering Prgm
<https://cidse.engineering.asu.edu/engineering-management-bse/engineering-management-minor/>
CTRPT 105
cidse.undergrad@asu.edu
480-965-3199

English Minor (ASENGMIN)

Campus: West

Description:

The minor in English is an ideal choice for students who enjoy English and desire to become better writers, readers and thinkers. The program requirements ground students in the basics of literary and cultural study, and the distribution area requirement allows for a range of course offerings in linguistics, rhetoric and literature. With its emphasis on critical reading and writing skills, the English minor is the perfect complement to any major.

Program Requirements:

The minor in English requires a minimum of 21 credit hours, of which 15 credit hours must be upper-division. Students must complete a minimum of six upper-division credit hours in courses offered by the School of Humanities, Arts, and Cultural Studies. At least six credit hours of Distribution coursework must be at the 400 level. All courses used to satisfy requirements for the minor must be passed with a "C" (2.00) or better.

Required Core Course -- 3 credit hours

ENG 200: Critical Reading and Writing About Literature (L or HU) (3)

Distribution Cluster Requirement -- 15 credit hours

Select one course from each distribution cluster. Fifteen credits are required, and at least two courses (six upper-division credits), must be at the 400 level.

Identities, Communities and Social Practices -- 3 credit hours

ENG 312: English in its Social Setting (L or HU or SB) (3)

ENG 353: African American Literature: Beginnings through the Harlem Renaissance ((L or HU) & C) (3)

ENG 400: History of Literary Criticism (L or HU) (3)

ENG 401: Topics in Critical Theory (3)

ENG 420: Multicultural Autobiographies ((L or HU) & C) (3)

ENG 440: Studies in American Literature and Culture (HU) (3)

ENG 454: Gender and Literature (L or HU) (3)

ENG 456: Studies in Forensic Linguistics (3)

ENG 460: Ethnic Women Writers (3)

ENG 461: Studies in Women and Literature (HU) (3)

ENG 462: Africana Literature (HU & G) (3)

ENG 463: African American Literature (3)
ENG 472: Rhetorical Studies (L) (3)
ENG 479: Studies in Postmodernism (HU & G) (3)

Literature and Culture, Pre-1860 -- 3 credit hours

ENG 221: Survey of English Literature (HU) (3)
ENG 241: Literatures of the United States to 1860 ((L or HU) & C) (3)
ENG 315: Medieval Literature in Translation (HU) (3)
ENG 321: Shakespeare (L or HU) (3)
ENG 328: The Novel to Jane Austen (HU & H) (3)
ENG 353: African American Literature: Beginnings through the Harlem Renaissance ((L or HU) & C) (3)
ENG 415: Studies in Medieval Literature and Culture (HU) (3)
ENG 416: Chaucer in Middle English (HU) (3)
ENG 421: Studies in Shakespeare (L or HU) (3)
ENG 423: Renaissance Drama (L or HU) (3)
ENG 425: Studies in Romanticism (HU) (3)
ENG 432: The American Renaissance (HU) (3)
ENG 440: Studies in American Literature and Culture (HU) (3)

Literature and Culture, Post-1860 -- 3 credit hours

ENG 222: Survey of English Literature (HU & H) (3)
ENG 242: Literatures of the United States, 1860 to Present (HU) (3)
ENG 334: The American Southwest in Literature and Film ((L or HU) & C) (3)
ENG 354: African American Literature: Harlem Renaissance to the Present ((L or HU) & C) (3)
ENG 369: Science Fiction Studies (3)
ENG 386: American Gothic (3)
ENG 431: Whitman and Dickinson (L or HU) (3)
ENG 437: The American Novel, 1900 - 1960 (L or HU) (3)
ENG 438: American Novel Since 1960 (L or HU) (3)
ENG 440: Studies in American Literature and Culture (HU) (3)
ENG 450: The British Novel (HU) (3)
ENG 471: Literature for Young Adults (HU) (3)
ENG 478: Studies in Modernism (L or HU) (3)
ENG 479: Studies in Postmodernism (HU & G) (3)

Theories and Practices of Writing -- 3 credit hours

ENG 205: Introduction to Writing, Rhetorics and Literacies (L) (3)
ENG 311: Persuasive Writing (L) (3)
ENG 323: Rhetoric and Grammar (L) (3)
ENG 335: American Poetry (3)
ENG 361: Scriptwriting (3)
ENG 379: Travel Writing (L) (3)
ENG 387: Intermediate Creative Writing Workshop in Poetry: Form, Theory, and Practice (3)
ENG 388: Intermediate Creative Writing Workshop in Fiction: Form, Theory, and Practice (3)
ENG 410: Writing for Publication (3)
ENG 457: Studies in American Poetry (HU) (3)
ENG 490: Literary Forms: Theory and Practice in Poetry (3)

Transnational, Linguistic and Textual Circulation -- 3 credit hours

ENG 213: Introduction to the Study of Language (3)
ENG 317: Cross-Cultural Writing ((L or HU) & G) (3)
ENG 333: American Ethnic Literature ((L or HU) & C) (3)
ENG 363: Transborder Mexican and Chicano/a Literature of Southwest North America ((L or HU) & C) (3)
ENG 379: Travel Writing (L) (3)
ENG 413: History of English Language (HU) (3)
ENG 462: Africana Literature (HU & G) (3)
ENG 498: Reading Englands Literary Landscapes (L) (3)

Elective Courses -- 3 credit hours

ENG Upper Division Elective (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: None

Incompatible Majors: BA in English

Other Enrollment Requirements: None

The minor in English is open to all ASU undergraduate majors.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Humanities, Arts, and Cultural Studies

<https://newcollege.asu.edu/english-minor>

FAB N100

harc sadvising@asu.edu

602-543-3000

English Minor (LAENGMIN)

Campus: Online

Description:

A minor in English provides students with the strong analytical and communications skills required by many professions, such as those in publishing, journalism, public relations, nonprofit organizations, professional and technical writing, education, business, banking, grassroots activism, law and medicine, as well as numerous others throughout industry and government.

The minor in English is delivered entirely online and serves as a complement to the chosen major of undergraduate students who are pursuing an ASU major online.

Program Requirements:

The online minor in English consists of 24 credit hours. At least 12 of the 24 credit hours must be upper-division and at least 6 credit hours of the upper-division work must be taken at the 400-level. The remaining nine credit hours may be completed with ENG 200-499 courses. At least six of the upper-division credits must be earned from The College of Liberal Arts and Sciences. A grade of "C" (2.00 on a 4.00 scale) or higher is required in all courses taken for the minor.

Required Course -- 3 credit hours

ENG 200: Critical Reading and Writing About Literature (L or HU) (3)

Electives -- 21 credit hours

ENG 2** Elective or ENG 3** Elective or ENG 4** Elective (9)

ENG 4** Elective (6)

ENG Upper Division Elective (6)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: None

Incompatible Majors: BA in English

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/minors/english>)

Contact Information:

Liberal Arts & Sciences, The College of
Department of English
<https://english.asu.edu/>
RBHL 170
englishadvising@asu.edu
480-965-3168

English Minor (LSENGMIN)

Campus: Polytechnic

Description:

The minor in English focuses on effective writing, critical thinking, and reading sophisticated literary and nonliterary texts.

Program Requirements:

The English minor consists of 24 credit hours. A minimum of 12 upper-division credit hours is required, of which at least six credit hours must be taken through the College of Integrative Sciences and Arts. A grade of "C" (2.00 on a 4.00 scale) or better is required in all courses.

Required Course -- 3 credit hours

ENG 200: Critical Reading and Writing About Literature (L or HU) (3)

Electives -- 21 credit hours

ENG Elective (9)

ENG Upper Division Elective (12)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: 2.00 cumulative GPA

Incompatible Majors: BA in English

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Integrative Sciences and Arts, College of
College of Integrative Sciences and Arts
<https://cisa.asu.edu>
SANCA 233
CISA@asu.edu
480-727-1526

English (Linguistics) Minor (LAENGMINN)

Campus: Tempe

Description:

Students pursuing a minor in English with a focus in linguistics study the nature, variation and structure of language.

ASU's Department of English has an extensive internship program offering placements in publishing, media and marketing, government, second-language teaching, nonprofits and film festivals. The English department also boasts rigorous undergraduate research opportunities and options for cultural and community involvement.

Program Requirements:

The minor in English with a focus in linguistics consists of 24 credit hours. A minimum of 12 upper-division credit hours are required, with at least six credit hours from courses offered by The College of Liberal Arts and Sciences. Courses must be completed with a grade of "C" (2.00 on a scale of 4.00) or better to satisfy minor requirements.

Required Courses -- 15 credit hours

ENG 200: Critical Reading and Writing About Literature (L or HU) (3)

ENG 213: Introduction to the Study of Language (3)

ENG 312: English in its Social Setting (L or HU or SB) (3)

ENG 314: Modern Grammar (3)

ENG 413: History of English Language (HU) (3)

English Survey Course (choose one) -- 3 credit hours

ENG 221: Survey of English Literature (HU) (3)

ENG 222: Survey of English Literature (HU & H) (3)

ENG 241: Literatures of the United States to 1860 ((L or HU) & C) (3)

ENG 242: Literatures of the United States, 1860 to Present (HU) (3)

English Electives -- 6 credit hours

ENG Elective (3)

ENG Upper Division Elective (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: None

Incompatible Majors: BA in English (all concentrations)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Liberal Arts & Sciences, The College of

Department of English

<https://english.asu.edu/>

RBHL 170

englishadvising@asu.edu

480-965-3168

English (Literature) Minor (LAENGMINT)

Campus: Tempe

Description:

The minor program in English with a focus on literature emphasizes British, American and global literatures in English, from the earliest writings to the present.

ASU's Department of English has an extensive internship program offering placements in publishing, media and marketing, government, second-language teaching, nonprofits and film festivals. The department also boasts top online programs, rigorous undergraduate research opportunities and options for cultural and community involvement.

Program Requirements:

The minor in English with a focus in literature consists of 24 credit hours. At least 12 credit hours must be completed at the upper-division level, with a minimum of six upper-division credit hours from courses offered by the Department of English in The College of Liberal Arts and Sciences. A grade of "C" (2.00 on a 4.00 scale) or higher is required in all courses taken for the minor.

Required Core Course -- 3 credit hours

ENG 200: Critical Reading and Writing About Literature (L or HU) (3)

Literature Areas and Periods (choose from 3 of 4 tracks) -- 9 credit hours

Students must complete at least one course in 3 of the 4 Literature and Culture Track Lists. One course must be completed at the 400-level.

Literature and Culture Before 1800

ENG 201: World Literature (HU & H & G) (3)

ENG 202: World Literature (HU & H) (3)

ENG 221: Survey of English Literature (HU) (3)

ENG 241: Literatures of the United States to 1860 ((L or HU) & C) (3)

ENG 303: Classical Backgrounds of English Literature (HU) (3)

ENG 315: Medieval Literature in Translation (HU) (3)

ENG 316: Literary Readings of the Hebrew Bible (L or HU) (3)

ENG 321: Shakespeare (L or HU) (3)

ENG 325: Restoration and the 18th Century (3)

ENG 326: English Drama 1660-1800 (HU) (3)

ENG 328: The Novel to Jane Austen (HU & H) (3)

ENG 356: The Bible as Literature (HU) (3)

ENG 415: Studies in Medieval Literature and Culture (HU) (3)

ENG 416: Chaucer in Middle English (HU) (3)

ENG 418: Renaissance Literature (L or HU) (3)

ENG 421: Studies in Shakespeare (L or HU) (3)

ENG 422: Special Topics in Shakespeare (HU) (3)

ENG 423: Renaissance Drama (L or HU) (3)

ENG 424: Milton (HU) (3)

ENG 425: Studies in Romanticism (HU) (3)

ENG 427: Studies in 18th-Century Literature and Culture (HU) (3)

ENG 476: Studies in Folklore ((L or HU or SB) & C) (3)

Literature and Culture After 1800

ENG 204: Topics in Contemporary Literature (HU) (3)

ENG 222: Survey of English Literature (HU & H) (3)

ENG 242: Literatures of the United States, 1860 to Present (HU) (3)

ENG 245: Popular Culture Issues (L) (3)

ENG 329: 19th-Century British Fiction (L or HU) (3)

ENG 330: 19th-Century British Poetry (3)

ENG 333: American Ethnic Literature ((L or HU) & C) (3)

ENG 335: American Poetry (3)

ENG 337: Major American Novels (L or HU) (3)

ENG 338: Protest Literature (3)

ENG 342: 20th-Century British and Irish Literature (HU) (3)

ENG 345: Selected Authors or Issues (3)

ENG 347: Modern Israeli Literature in Translation (HU & G) (3)

ENG 352: Short Story (L or HU) (3)

ENG 353: African American Literature: Beginnings through the Harlem Renaissance ((L or HU) & C) (3)

ENG 354: African American Literature: Harlem Renaissance to the Present ((L or HU) & C) (3)

ENG 359: Indigenous American Literature ((L or HU) & C) (3)

ENG 360: Western American Literature (L or HU) (3)

ENG 363: Transborder Mexican and Chicano/a Literature of Southwest North America ((L or HU) & C) (3)

ENG 364: Women and Literature (HU) (3)

ENG 367: Environmental Issues in Literature and Film (L or HU) (3)
ENG 369: Science Fiction Studies (3)
ENG 426: British Culture and Empire (3)
ENG 429: Studies in European Literature and Culture ((L or HU) & G & H) (3)
ENG 430: Darwin & 19th Century Fiction (L or HU) (3)
ENG 430: Studies in Victorian Literature and Culture (L or HU) (3)
ENG 434: Studies in the Literature and Culture of the Americas (HU & C) (3)
ENG 435: Literatures and Cultures of Immigration and Diaspora (3)
ENG 436: Studies in Anglophone Literature and Culture (3)
ENG 440: Studies in American Literature and Culture (HU) (3)
ENG 442: Studies in 20th-Century British and Irish Literature and Culture (3)
ENG 445: Studies in American Realism (L or HU) (3)
ENG 447: Experimental Narrative (3)
ENG 448: Studies in Irish Literature and Culture (HU) (3)
ENG 452: Studies in the Novel (HU) (3)
ENG 455: Contemporary Women Writers (3)
ENG 457: Studies in American Poetry (HU) (3)
ENG 458: Latina/o Literature ((L or HU) & C) (3)
ENG 459: Studies in African American/Caribbean Literatures ((L or HU) & G) (3)
ENG 461: Studies in Women and Literature (HU) (3)
ENG 465: Studies in Film (3)
ENG 469: Science and Literature (L or HU) (3)
ENG 470: Symbols and Archetypes in Children's Literature (L or HU) (3)
ENG 471: Literature for Young Adults (HU) (3)
ENG 478: Studies in Modernism (L or HU) (3)

Literature and Culture: Transnational, Postcolonial and Global Literature

ENG 316: Literary Readings of the Hebrew Bible (L or HU) (3)
ENG 347: Modern Israeli Literature in Translation (HU & G) (3)
ENG 356: The Bible as Literature (HU) (3)
ENG 359: Indigenous American Literature ((L or HU) & C) (3)
ENG 363: Transborder Mexican and Chicano/a Literature of Southwest North America ((L or HU) & C) (3)
ENG 429: Studies in European Literature and Culture ((L or HU) & G & H) (3)
ENG 434: Studies in the Literature and Culture of the Americas (HU & C) (3)
ENG 435: Literatures and Cultures of Immigration and Diaspora (3)
ENG 436: Studies in Anglophone Literature and Culture (3)
ENG 457: Indigenous Poetry (HU) (3)
ENG 458: Latina/o Literature ((L or HU) & C) (3)

Literature and Culture: Literary Theory and Interdisciplinary Studies

ENG 205: Introduction to Writing, Rhetorics and Literacies (L) (3)
ENG 400: History of Literary Criticism (L or HU) (3)
ENG 401: Topics in Critical Theory (3)
ENG 434: Studies in the Literature and Culture of the Americas (HU & C) (3)
ENG 435: Literatures and Cultures of Immigration and Diaspora (3)
ENG 436: Postcolonial Studies (3)
ENG 469: Science and Literature (L or HU) (3)
ENG 472: Rhetorical Studies (L) (3)
ENG 476: Studies in Folklore ((L or HU or SB) & C) (3)

Electives -- 12 credit hours

ENG 2** Elective or ENG 3** Elective or ENG 4** Elective (3)
ENG Upper Division Elective (9)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: None

Incompatible Majors: BA in English (including all concentrations); BAE in secondary education (English)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Liberal Arts & Sciences, The College of
Department of English
<https://english.asu.edu/>
RBHL 170
englishadvising@asu.edu
480-965-3168

Environmental Science Minor (ASENVMIN)

Campus: West, ASU@Lake Havasu

Description:

The environmental science minor program provides students with a fundamental understanding of how the natural world functions as a system, how changes in this system influence organisms and humans, and, in turn, how this system is impacted by humans. Students who complete this minor have the foundational knowledge they need to apply environmental concepts and awareness to their future careers. Many career fields have environmental applications including business and entrepreneurship, the health industry, economics, and academic research careers.

An understanding of human-environment interactions gained through this minor will augment students' major field of study and empower them to leverage their future careers to address environmental issues. To accommodate broad interests for students from a variety of majors, the curriculum is designed to allow students to explore their interests by choosing from categories of scientific coursework and skill-based curricula, to provide applied experiences for students from a variety of majors.

Program Requirements:

The minor in environmental science consists of 15 credit hours, of which 12 credit hours must be upper-division. A minimum of nine credit hours must be taken through the School of Mathematical and Natural Sciences. All courses used to satisfy requirements for the minor must be passed with a "C" (2.00) or better.

Core Requirement -- 6 credit hours

ENV 201: Fundamentals of Environmental Science (3)

IAS 407 / PHI 407: Environmental Philosophy and Policy (L or HU) or IAS 409 / PHI 409: Eco-Community Ethics (HU) or PHI 310: Environmental Ethics (HU) (3)

Upper-Division Electives -- 9 credit hours

Choose a minimum of nine credit hours from the following categories. Students may choose freely from among the categories; it is not necessary to take one from each or all from one category.

Global/Ecosystem Focus:

BIO 422: Ecosystem Ecology (3)

CHM 302: Environmental Chemistry (3)

ENV 410: Soil Science (4)

LSC 434: Marine Ecology (3)

MIC 443: The Microbial Universe AND MIC 444: The Microbial Universe Laboratory (4)

Organismal Focus:

BIO 370: Vertebrate Zoology (4)

BIO 385: Comparative Invertebrate Zoology (4)

BIO 410: Techniques in Conservation Biology and Ecology (L) (3)

BIO 412: Conservation in Practice (3)

BIO 474: Herpetology (4)

PLB Upper Division Elective (3-4)

Skills in Environmental Science:

ENV 345: Spatial Analysis in the Environmental Sciences (3)

ENV 385: Environmental Impact Assessment (3)

ENV 388: Research Fundamentals for the Natural Sciences (L) (3)

ENV 499: Individualized Instruction (1-3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: 2.00

Incompatible Majors: BS and BA environmental science

Other Enrollment Requirements: This first course in this minor (ENV 201) has prerequisites of BIO 181, BIO 182 and CHM 116.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor. Students should contact their academic advisor for more information.

Contact Information:

Interdisciplinary Arts & Sciences, New College of

School of Mathematical and Natural Sciences

<https://newcollege.asu.edu/environmental-science-minor>

FAB N100

mnsadvising@asu.edu

602-543-3000

Environmental and Resource Management Minor (ESERMMIN)

Campus: Polytechnic

Description:

The minor in environmental and resource management provides students with a thorough introduction to environmental regulations and key environmental management issues such as the provision of clean, potable water, wastewater treatment, and solid and hazardous waste management, as well as remediation technologies for polluted soils, groundwater and air. Students learn to apply basic science and engineering principles to solving problems that significantly impact human health and ecosystems.

The environmental and resource management minor program provides a valuable option to other majors that focus on environmental issues whether from a technical or policy perspective. The courses form a coherent whole and demonstrate the connection between science, engineering, public policy and the law.

Program Requirements:

The minor requires completion of four core courses (12 credit hours) and two elective courses (six credit hours) for a total of 18 credit hours. At least 12 credit hours must be completed in residency at ASU. Courses must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher.

Core Courses -- 12 credit hours

ERM 201: Environmental Management (3)

ERM 203: Environmental Regulations (3)

ERM 302: Water and Wastewater Treatment Technology (3)

ERM 401: Hazardous Waste Management (3)

Electives -- 6 credit hours

ERM 402: Unit Treatment Technologies (3)

ERM 406: Environmental Chemistry (3)

ERM 407: Occupational Hygiene (3)

ERM 426: Environmental Issues (3)

ERM 428: International Environmental Management (G) (3)

ERM 432: Sustainable Solid Waste Management (3)

ERM 494: Algae in Water/Energy/Food Nexus (3)

ERM 494: Algal Bioprocess and Biosystems Engineering (3)

ERM 494: Environmental Health (3)

ERM 494: Environmental Management Leadership (3)
ERM 494: Tribal Environ & Natural Resources Management (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: 2.00

Incompatible Majors: BS in environmental and resource management

Other Enrollment Requirements: Interested students must have at least sophomore status. Students should consult with an advisor in The Polytechnic School to verify eligibility and to review all courses required for the minor. To schedule an advising appointment, students should go to <https://fultonapps.asu.edu/advising> (<https://fultonapps.asu.edu/advising>).

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Engineering, Ira A. Fulton Schools of
Environmental and Resource Management
<https://poly.engineering.asu.edu/ERM>
WANER 240
polyadvising@asu.edu
480-727-1874

Ethnic Studies Minor (ASETHMIN)

Campus: West

Description:

The minor program in ethnic studies introduces a general conceptual framework regarding race and ethnicity and how these intersect in the construction of social formations. The program is offered by the School of Humanities, Arts and Cultural Studies.

Program Requirements:

The minor in ethnic studies consists of 18 credit hours, of which 12 credit hours must be upper-division. All courses in the minor must be passed with a minimum grade of "C" (2.00) or better. A minimum of six upper-division credit hours must be completed through courses offered by the School of Humanities, Arts, and Cultural Studies. Up to three credit hours of individualized instruction may be applied toward the minor. Students are encouraged meet with an academic advisor to choose courses that develop breadth rather than limiting their selection to courses in one particular discipline.

Required Courses -- 6 credit hours

ETH 100: Ethnic and Indigenous Lives (SB & C) (3)
HRC 200: Introduction to Social and Cultural Analysis (SB & C) (3)

Upper-Division Electives -- 12 credit hours

ENG 420 / IAS 420: Multicultural Autobiographies ((L or HU) & C) (3)
ENG 462: Africana Literature (HU & G) (3)
ENG 463: African American Literature (3)
ENG 476: Studies in Folklore ((L or HU or SB) & C) (3)
ETH 353 / ENG 353: African American Literature: Beginnings through the Harlem Renaissance ((L or HU) & C) (3)
ETH 354 / ENG 354: African American Literature: Harlem Renaissance to the Present ((L or HU) & C) (3)
ETH 380 / WST 380: Race, Gender, and Class (SB & C) (3)
ETH 428 / AMS 428: Peoples and Cultures of the American West, to 1848 (SB & H) (3)
ETH 430 / WST 430: Gender on the Borderlands (SB & G) (3)
ETH 433 / WST 433: Race and Sexualities in Social Justice Movements (3)
ETH 450: Latina/os, Schooling and Social Inequality (C) (3)
ETH 473 / WST 473: Indigenous and Latina/Chicana Representation (SB & C) (3)

ETH 499: Individualized Instruction (3)
HST 419: 20th Century Chicano/a History (C) (3)
SBS 301: Cultural Diversity ((L or SB) & C) (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: None

Incompatible Majors: None

Other Enrollment Requirements: None

The minor in ethnic studies is open to all ASU undergraduate majors.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Humanities, Arts, and Cultural Studies
<https://newcollege.asu.edu/ethnic-studies-minor>
FAB N100
harc sadvising@asu.edu
602-543-3000

Family and Human Development Minor (LAFASMIN)

Campus: Tempe, Online

Description:

The minor program in family and human development exposes students to the basic coursework and issues within the discipline. This program provides an exceptional complement to studies in psychology, communication, education, business and nursing.

This program is offered by the T. Denny Sanford School of Social and Family Dynamics.

Program Requirements:

The minor in family and human development consists of 18 credit hours in family studies and child development. At least 12 of the 18 credit hours must be in upper-division courses. At least one elective course must come from the CDE prefix. Each course must be completed with a grade of "C" (2.00 on a 4.00 scale) or better.

Required Courses -- 9 credit hours

CDE 232: Human Development (SB) (3)
FAS 101: Personal Growth in Human Relationships (SB) (3)
FAS 370: Family Ethnic and Cultural Diversity (SB & C) (3)

Upper Division Electives -- 9 credit hours

At least one course must be a CDE elective.

CDE 312: Adolescence (SB) (3)
CDE 337: Early Childhood Intervention (3)
CDE 418: Aging and the Life Course (SB & H) (3)
CDE 430: Infant/Toddler Development in the Family (SB) (3)
CDE 450: Child Dysfunction in the Family (3)
CDE 498 / FAS 498: Pro-Seminar (3)
FAS 301: Introduction to Parenting (3)
FAS 324: Work and the Workplace (SB & H) (3)

FAS 331: Marriage and Family Relationships (SB) (3)
FAS 332: Human Sexuality (SB) (3)
FAS 410: Military Family Systems in a Democracy (3)
FAS 435: Advanced Marriage and Family Relationships (L or SB) (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: None

Incompatible Majors: BS in family and human development

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/request-info>)

Contact Information:

Liberal Arts & Sciences, The College of
Sanford School of Social and Family Dynamics
<https://thesanfordschool.asu.edu/>
SS 144
advisor@asu.edu
480-965-6978

Fashion Minor (HIFSHMIN)

Campus: Tempe

Description:

The minor program in fashion offers grounding in the history, social context and economics of the contemporary fashion industry. Students also have the option of pursuing more focused classes designed to introduce students to a variety of roles in this important industry: fashion history, fashion industry business practices and fashion production.

Among the subjects that may be related to students' majors are marketing and merchandising, costuming, wearable technology, sustainability, management and leadership, international experience, and fashion and culture. Due to the relationship of these subjects to a wide variety of disciplines taught at ASU, many students throughout the university may supplement their major with closely related fashion minor classes, creating a strong foundation for a variety of careers. Opportunities for study abroad could further advance students' professional goals.

Taught by well-known fashion industry professionals, students enrolled in the minor in fashion at ASU develop connections to leaders in the industry.

Program Requirements:

Courses selected must satisfy the minimum requirement of 18 credit hours for the minor; nine of the credit hours must be upper-division (300 or 400-level) coursework.

Required Courses -- 9 credit hours

FSH 201: Textiles Survey (3)
FSH 325: Personal Style and Wardrobe (3)
FSH 435: Contemporary Fashion (3)

Notes: Please complete either FSH 201 or FSH 325 before enrolling in Contemporary Fashion (FSH 435).

Fashion Electives -- 6 credit hours

ART 110: Drawing as Seeing and Thinking (HU) (3)

ART 276: Introduction to Textiles (3)
ART 376: Weaving and Dyeing (3)
ART 377: Textile Design (3)
ART 378: Digital Textiles (3)
FSH 194: Special Topics (3)
FSH 204: Social Aspects of Fashion (L or HU or SB) (3)
FSH 280 / MKT 280: Fashion Merchandising (3)
FSH 294: Fashion Hairstyling Basics (1)
FSH 294: Special Topics (3)
FSH 300: Global Fashion Industry (G) (3)
FSH 394: Fashion Visual Merchandising (3)
FSH 394: Special Topics (1)
FSH 494: Special Topics (3)
MKT 390: Essentials of Marketing (<https://webapp4.asu.edu/catalog/courselist?s=FSH&t=2207&hon=F>) > FSH Elective (3)
(3)
MKT 391: Essentials of Selling (3)
MKT 395: Essentials of Advertising and Marketing Communication (3)
MKT 397: Essentials of Global Marketing (3)
THE 430: History of Fashion I (HU) (3)
THE 431: History of Fashion II: 20th-Century Fashion (3)

Upper Division Fashion Electives -- 3 credit hours

ART 376: Weaving and Dyeing (3)
ART 377: Textile Design (3)
ART 378: Digital Textiles (3)
FSH 300: Global Fashion Industry (G) (3)
FSH 394: Fashion Visual Merchandising (3)
FSH 394: Special Topics (3)
FSH 494: Special Topics (3)
MKT 390: Essentials of Marketing (<https://webapp4.asu.edu/catalog/courselist?s=FSH&l=upperdivision&t=2207&hon=F>) > FSH Upper Division Elective (3)
(3)
MKT 391: Essentials of Selling (3)
MKT 395: Essentials of Advertising and Marketing Communication (3)
MKT 397: Essentials of Global Marketing (3)
THE 430: History of Fashion I (HU) (3)
THE 431: History of Fashion II: 20th-Century Fashion (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: 2.50

Incompatible Majors: BA in fashion

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Design & the Arts, Herberger Institute for
School of Art
<https://art.asu.edu>
ART 102
herbergeradvising@asu.edu
480-965-8521

Film and Media Production Minor (FAFMPMIN)

Campus: Tempe

Description:

Students pursuing the film and media production minor study the basic production processes of film while learning about the history and practices of the film and media industry as well as the cultural value of cinema, television and digital media.

Program Requirements:

The school offers a minor in film and media production, consisting of 17 credit hours of coursework. A grade of "C" (2.00) or higher is required for all courses in the minor. All prerequisites for the minor courses must be met. Transfer students may transfer up to six credit hours toward the minor.

Required Courses -- 11 credit hours

- FMP 201: Film: The Creative Process I (HU) (3)
- FMP 250: Sex and Violence in Film and TV: Ethics Survey (3)
- FMP 280: Introduction to Film and Media Production (2)
- FMP 403: Independent Film (HU) (3)

Upper Division Film Electives -- 6 credit hours

- FMP 318: Directing for Film and Media I (3)
- FMP 320: Film and Media Post-Production II (3)
- FMP 325: Guerilla VFX (3)
- FMP 330: Professional and Technical Writing for Film/TV Industry (3)
- FMP 335: Careers in Film and Media Industry (3)
- FMP 345: Cinematography I (3)
- FMP 361: Intermediate Screenwriting (3)
- FMP 365: Developing a Series (3)
- FMP 370: Producing for Film and Media (3)
- FMP 394: Special Topics (3)
- FMP 404: World Cinema (G) (3)
- FMP 405: Film and Television: Pioneers, Practices and Innovations (HU) (3)
- FMP 417: Business and Legal Practices in Entertainment (3)
- FMP 418: Directing for Film and Media II (3)
- FMP 465: Series Writers Workshop (3)
- FMP 475: Producing Series (3)
- FMP 494: Special Topics (3)
- THE 406: American Multicultural Film (HU & C) (3)
- THE 421: Shakespeare: Stage and Film (L or HU) (3)
- THE 430: History of Fashion I (HU) (3)
- THE 431: History of Fashion II: 20th-Century Fashion (3)
- THP 330: Costume Design (3)
- THP 340: Scene Design (3)
- THP 345: Lighting Design (3)
- THP 350: Sound Design (3)
- THP 351: Arts Management (3)
- THP 355: Media Design for Performance (3)
- THP 394: Writing for Horror, SciFi, and Fantasy (3)
- THP 442: Drawing (3)
- THP 444: Drafting for the Stage (3)
- THP 445: Advanced Lighting Design (3)
- THP 452: Arts Entrepreneurship Seminar (3)
- THP 455: Advanced Media Design (3)
- THP 494: Art Direction (3)
- THP 494: Properties for the Stage (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: None

Incompatible Majors: BA in film (filmmaking practices); BA in film (film and media production)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Design & the Arts, Herberger Institute for
The New American Film School

<https://film.asu.edu/>

GHALL 232

fdt@asu.edu

480-965-5337

Film and Media Studies Minor (LAFMSMIN)

Campus: Tempe, Online

Description:

The film and media studies minor is useful for students who want to explore the critical and creative study of film and media. Students can select to study a range of courses that emphasize media and society, media industries, styles and genres and screenwriting.

ASU's Department of English has an extensive internship program, offering placements in publishing, media and marketing, government, nonprofits and film festivals. The department also boasts top online programs, rigorous undergraduate research opportunities and options for cultural and community involvement.

Program Requirements:

The film and media studies minor consists of 18 credit hours. At least 12 credit hours must be upper-division, with a minimum of six upper-division credit hours from courses offered by the Department of English in The College of Liberal Arts and Sciences. All courses must be completed with a grade of "C" (2.00 on a 4.00 scale) or better.

Required Courses -- 9 credit hours

FMS 100: Introduction to Film (HU) (3)

FMS 200: Film History ((L or HU) & H) (3)

FMS 300: Television and Cultural Studies (L or HU) (3)

Electives -- 9 credit hours

FMS Upper Division Elective (9)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: None

Incompatible Majors: BA in film (film and media studies); BA in film (film and media production)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the Academic Catalog Archive 2020-2021

program description and request more information here. (<https://asuonline.asu.edu/request-info>)

Contact Information:

Liberal Arts & Sciences, The College of
Department of English
<https://english.asu.edu/node/259>
RBHL 170
englishadvising@asu.edu
480-965-3168

Food and Nutrition Management Minor (ECFNTRMIN)

Campus: Downtown Phoenix

Description:

The food and nutrition management minor is available to any ASU student interested in developing a greater understanding of nutrition, the food industry and food service operations.

Program Requirements:

The minor requires students to take the following courses for a total of 18 credit hours. A minimum grade of "C" (2.00 on a 4.00 scale) is required for each course.

Required Courses -- 18 credit hours

NTR 100: Introduction to Nutrition Science or NTR 241: Human Nutrition (3)

NTR 142: Applied Food Principles (3)

NTR 300: Computer Applications in Nutrition or NTR 302: Digital Technologies in Nutrition (3)

NTR 343: Food Service Purchasing (3)

NTR 344: Nutrition Management and Leadership (L) or NTR 360: Nutrition Entrepreneurship (3)

NTR 445: Management of Food Service Systems (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: None

Incompatible Majors: BS in nutrition (dietetics); BAS in applied science (food and nutrition entrepreneurship)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Health Solutions, College of
College of Health Solutions
<https://chs.asu.edu/home>
HLTHN 401AA
chs@asu.edu
602-496-3300

French Minor (LAFREMIN)

Campus: Tempe

Description:

Students pursuing a minor in French gain an understanding of the language, literature and cultures of French-speaking peoples and regions. Students are encouraged to participate in a study abroad program to enhance their education and overall minor experience. For more information,

students should go to <https://silc.asu.edu/student-life/study-abroad/faculty-directed-summer-program-pages> (<https://silc.asu.edu/student-life/study-abroad/faculty-directed-summer-program-pages>).

Program Requirements:

The French minor requires 18 upper-division credit hours. Each course must be completed with a grade of "C" (2.00 on a 4.00 scale) or better. Course substitutions are allowed for heritage and advanced speakers of the language with approval from an academic advisor in the School of International Letters and Cultures.

Required Courses -- 18 credit hours

FRE 305: Readings in French Literature (G) (3)

FRE 311: Oral and Written Expression I (G) (3)

FRE 312: Oral and Written Expression II (G) (3)

FRE 321: French Cultural Masterpieces I ((L or HU) & H) or FRE 322: French Cultural Masterpieces II (L or HU) (3)

FRE 411 (<https://webapp4.asu.edu/catalog/courselist?s=FRE&l=400-499&t=2207&hon=F>) > FRE 4** Elective (FRE 412 OR FRE 414 OR FRE 415 OR FRE 416 OR FRE 461 OR FRE 484 OR FRE 493 OR FRE 494 OR FRE 499 recommended) (3)

FRE 315 (<https://webapp4.asu.edu/catalog/courselist?s=FRE&l=upperdivision&t=2207&hon=F>) > FRE Upper Division Elective (FRE 319 OR FRE 325 OR FRE 394 OR FRE 494 recommended) (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: None

Incompatible Majors: BA in French

Other Enrollment Requirements: None

Students who wish to add a minor in French to the bachelor's degree program they are pursuing may do so by contacting the School of International Letters and Cultures advising office.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Liberal Arts & Sciences, The College of

School of International Letters and Cultures

<https://silc.asu.edu/degrees/undergrad/minor-certs>

LL 440

silcadvising@asu.edu

480-965-6281

Geography Minor (LAGCUMIN)

Campus: Tempe, Online

Description:

The geography minor, rooted in a foundation of cultural and physical geography, encourages students to explore intersections of place and space. Students in the minor gain a unique understanding of the modern world from both the local and global perspectives. Students also gain a deeper understanding of how humans impact landscapes.

Program Requirements:

The minor in geography requires a minimum of 19 credit hours, of which at least 12 credit hours must be upper-division. All courses must be completed with a grade of "C" (2.00 on a 4.00 scale) or better.

Cultural Geography (choose one) -- 3 credit hours

GCU 102: Introduction to Human Geography (SB & G) (3)

GCU 121: World Geography (SB & G) (4)
GCU 241: The Global Economy in Transition (SB & G) (3)

Physical Geography -- 4 credit hours
GPH 111: Introduction to Physical Geography (SQ) (3)
GPH 112: Introduction to Physical Geography Lab (SQ) (1)

Upper-Division Electives -- 12 credit hours
GPH OR GCU OR GIS Upper Division Elective (12)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: None

Incompatible Majors: BA and BS in geography; BS in geography (urban studies); BS in geography (meteorology-climatology)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu>)

Contact Information:

Liberal Arts & Sciences, The College of
School of Geographical Sciences and Urban Planning
<https://sgsup.asu.edu/degree-programs/undergraduate-minors-and-certificates/geography>
COOR 5681
SGSUP.advising@asu.edu
480-965-7533

Geological Sciences Minor (LAGLGMIN)

Campus: Tempe

Description:

The geological sciences minor is designed for students interested in developing a basic understanding of earth science and analyzing issues through a scientific viewpoint.

Program Requirements:

The minor in geological sciences consists of 21 credit hours, of which at least 13 credit hours must be completed at the upper-division level. All courses must be completed with a grade of "C" (2.00 on a 4.00 scale) or better.

Required Courses -- 15 credit hours
GLG 101: Introduction to Geology I (Physical) (SQ) (3)
GLG 103: Introduction to Geology I-Laboratory (SQ) (1)
GLG 102: Introduction to Geology II (Historical) (SG & H) (3)
GLG 104: Introduction to Geology II-Laboratory (SG) (1)
GLG 310: Structural Geology (3)
GLG 321: Mineralogy (3)
SES 401: Earth and Space Exploration Colloquium (1)

Electives -- 6 credit hours
GLG Upper Division Elective (6)

Courses in other related subjects may be approved by an academic advisor in the School of Earth and Space Exploration. Students should receive approval for substitutions prior to registration.

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: None

Incompatible Majors: BA in earth and environmental studies; BS in earth and space exploration (astrobiology and biogeosciences); BS in earth and space exploration (geological sciences)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Liberal Arts & Sciences, The College of
School of Earth and Space Exploration
<https://sese.asu.edu>
ISTB4 795
sese-advising@asu.edu
480-965-5081

German Minor (LAGERMIN)

Campus: Tempe

Description:

Students pursuing a minor in German gain an understanding of the language, literature and cultures of German-speaking peoples and regions. Students are encouraged to participate in a study abroad program to enhance their education and overall minor experience. Students should go to <https://mystudyabroad.asu.edu/> (<https://mystudyabroad.asu.edu/>) for more information.

Program Requirements:

The German minor requires 18 credit hours, of which 15 must be upper-division. Three credit hours of GER 200-level coursework may be applied to the German minor. Course substitutions are allowed for heritage and advanced speakers of the language. Each course must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher.

GER 200-Level Coursework (choose one) -- 3 credit hours

GER 201: Intermediate German I (G) (4)

GER 202: Intermediate German II (G) (4)

GER 210: Intensive German II (G) (6)

Three credit hours of 200-level coursework will be applied to the minor and any additional credit hours earned will be applied toward university elective hours.

Required Course -- 3 credit hours

GER 310: Advanced German Grammar and Composition I (G) (3)

Choose two courses -- 6 credit hours

GER 311: German Conversation (G) (3)

GER 312: Readings in German Culture (G) (3)

GER 313: Advanced German Grammar and Composition II (G) (3)

GER 319: Business German (G) (3)

GER Restricted Electives -- 6 credit hours

GER 4** Elective (3)

GER Upper Division Elective (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: 2.00

Incompatible Majors: BA in German

Other Enrollment Requirements: None

Students who wish to add a minor in German to the bachelor's degree program they are pursuing may do so by contacting the School of International Letters and Cultures advising office.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Liberal Arts & Sciences, The College of
School of International Letters and Cultures
<https://silc.asu.edu/degrees/undergrad/minor-certs>
LL 440
silcadvising@asu.edu
480-965-6281

Global Health Minor (LASSHMIN)

Campus: Tempe, Online

Description:

The minor in global health is a transdisciplinary program designed for students who seek a broad and flexible set of skills for understanding contemporary health challenges and thinking about how they might best be solved. Global health is understood in the anthropological sense, meaning ways of understanding and addressing disease, health and well-being that can incorporate all cultures, places and time and that can integrate knowledge of health's social, historical, biological and ecological dimensions.

Program Requirements:

The minor in global health is comprised of 18 credit hours, at least 12 of which must be upper division. A minimum grade of "C" (2.00 on a scale of 4.00) is required for courses used toward the minor. This minor is also available in an online format to complement the studies of ASU Online students.

Required Core Course -- 3 credit hours

ASB 100: Introduction to Global Health (SB & G) (3)

Upper-Division Core Electives (choose three) -- 9 credit hours

AFR 383: Blacks in Science, Medicine and Public Health (3)

ASB 300 / SSH 300: Food and Culture ((L or SB) & C) (3)

ASB 301 / HST 301 / SSH 301: Global History of Health (SB & G & H) (3)

ASB 305: Poverty and Global Health ((L or SB) & G) (3)

ASB 316: Money and Culture (L or SB) (3)

ASB 327: Disaster! ((L or SB) & C) (3)

ASB 355: Traditional Medicine and Healing (HU or SB) (3)

ASB 357: Society, Drugs and Health (SB & G) (3)

ASB 370 / SOS 370: Ethics of Eating (L or SB) (3)

ASB 376: Global Health Policy (3)

ASB 378 / TCL 378: Globalization: Migration, Mass Media, McDonald's ((L or SB) & C) (3)

ASB 457: Global Mental Health ((L or SB) & G) (3)

ASB 462: Medical Anthropology: Culture and Health (SB & C) (3)

ASM 345: Disease and Human Evolution (3)

ASM 401: Health and Human Biology (3)
ASM 414 / SOS 414: Urban and Environmental Health (SB) (3)
ASM 456: Infectious Disease and Human Evolution (3)
ASM 494 / BIO 494: Evolutionary Medicine and Global Health (1)
HPS 331 / BIO 318: History of Medicine (HU & H) (3)
HST 304: Black Death: Pandemic Disease in the Medieval World (SB & H) (3)
MIC 314 / SSH 314: HIV/AIDS: Science, Behavior, and Society (3)
NTR 348: Cultural Aspects of Food (SB & C & G) (3)
NTR 450: Nutrition in the Life Cycle (SB) (3)
SGS 340: Violence, Conflict and Human Rights (3)
SGS 350: Economic Development and Globalization (3)
SOC 424: Women and Health (SB) (3)
SOC 427: Sociology of Health and Illness (SB) (3)
TCL 323: Latina/o Health Issues (SB & C) (3)
TCL 326: Health of Chicanas and Latinas (SB & C) (3)
TCL 327: Health and Migration (SB) (3)
TCL 410 / SOC 410: Race, Medicine, and the Body (L) (3)
TCL 447 / SGS 454 / SOS 447 / WST 447: Gender, Culture, and Development ((L or SB) & G) (3)
WST 360: Women as Healers (SB & G) (3)
WST 365: Women and International Health (G) (3)
WST 380 / AMS 380 / ETH 380: Race, Gender, and Class (SB & C) (3)
WST 440: Politics of Women's Health (SB & C) (3)
WST 444: Gender, Health, and Bodies (SB) (3)

Study Abroad Experience -- 6 credit hours

SSH 403: Cross-Cultural Studies in Global Health ((L or SB) & G) or students choose another approved global health study abroad experience (summer session, six credits minimum) (6)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: None

Incompatible Majors: BS in global health

Other Enrollment Requirements:

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/request-info>)

Contact Information:

Liberal Arts & Sciences, The College of
School of Human Evolution & Social Change
<https://shesc.asu.edu>
SHESC 233
shesc.undergrad@asu.edu
480-965-6215

Global Studies Minor (LASGSMIN)

Campus: Tempe, Online

Description:

The minor program in global studies offers students exposure to global processes and institutions from a transdisciplinary perspective. The program aims to provide students with an introduction to the tools and skills necessary to make connections linking theory with challenging global issues.

Program Requirements:

The minor in global studies consists of 18 credit hours, of which 12 credit hours must be upper-division courses. A minimum of six upper-division credit hours must be taken in courses offered by The College of Liberal Arts and Sciences. Courses that count toward the minor must be passed with a grade of "C" (2.00 on a 4.00 scale) or higher.

Required Courses -- 6 credit hours

SGS 101: Thinking Globally: The Individual and Authority (SB & G) or SGS 301: Principles of Global Studies (G) (3)

SGS 303: Global Trends (SB & G) (3)

Electives -- 12 credit hours

SGS Elective (3)

SGS Upper Division Elective (9)

A maximum of three credit hours of SGS 484 International Experience or three credit hours of SGS 499 Individualized Instruction may be applied to the minor.

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: None

Incompatible Majors: BA in global studies

Other Enrollment Requirements: None

An ASU student who is pursuing a degree at any ASU campus may elect to add a minor offered at any other ASU campus.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/minors/international-flags-flag-poles-night>)

Contact Information:

Liberal Arts & Sciences, The College of

School of Politics and Global Studies

<https://spgs.asu.edu/>

COOR 6797

spgs-ugadvising@asu.edu

480-965-8563

Health Care Compliance and Regulations Minor (NUHCCRMIN)

Campus: Downtown Phoenix, West

Description:

A minor in health care compliance and regulations allows students to combine the knowledge of their major discipline with the foundational and advanced knowledge that is required for support of regulatory compliance in a health-focused environment. The minor program integrates best practices from the business, regulatory, ethics and engineering fields as well as from the medical industry to enhance a student's major discipline with a focus on regulatory and ethical compliance in the health care industry.

Program Requirements:

Required Courses -- 16 credit hours

HCR 259: Compliance and the Health Care Industry (4)

HCR 263: Introduction to Medical Billing and Compliance (3)

HCR 360: Data Security and Privacy in Health Care Compliance (3)
HCR 362: Monitoring and Auditing for Health Care Compliance (3)
HCR 460: Investigations and Disclosures in Health Care Compliance (3)

A "C" (2.00 on a 4.00 scale) or better is required in all courses.

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: 2.00

Incompatible Majors: BS in health care compliance and regulations

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Nursing and Health Innovation, Edson College of
Edson College of Nursing and Health Innovation
<https://nursingandhealth.asu.edu/non-degree/minors>
MERCC 250
CONHI_advising@asu.edu
602-496-0888

Health Care Coordination Minor (NUHCCOMIN)

Campus: Downtown Phoenix, West

Description:

A minor in health care coordination allows students to combine the knowledge of their major discipline with the foundational and advanced concepts of health care coordination. Students completing this innovative minor have the knowledge that enables them to navigate the health care system and assist in the coordination of health care for individuals and families and to optimize outcomes.

Program Requirements:

Required Courses -- 18 credit hours
HCR 220: Introduction to Health Professions and the U.S. Health Care System (H) (3)
HCR 221: Foundational Concepts for Health Care Coordination (3)
HCR 302: Social Determinants of Health (3)
HCR 321: Advanced Concepts for Health Care Coordination (3)
HCR 420: Professional Role Development: Health Care Coordination (3)
HCR 422: Policy and Financial Principles in Health Care Coordination (3)

"C" (2.00 on a 4.00 scale) or better is required in all courses

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: 2.00

Incompatible Majors: BS in health care coordination

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in

pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Nursing and Health Innovation, Edson College of
Edson College of Nursing and Health Innovation
<https://nursingandhealth.asu.edu/non-degree/minors>
MERCC 250
CONHI_advising@asu.edu
602-496-0888

Health Innovation Minor (NUHCIMIN)

Campus: Downtown Phoenix, West

Description:

The health innovation minor provides students with the foundational concepts necessary for them to contribute to transformational change in real-world health situations. This program gives students an understanding of initiating, implementing and sustaining innovation in health settings.

Program Requirements:

Required Courses -- 15 credit hours
HCI 311: Health Innovation: Foundational Concepts (3)
HCI 412: Transforming Health Care: A Systems Perspective for Innovation (3)
HCI 421: Health Care Policy: The Innovator's View (3)
HCI 425: Facilitating Innovation to Achieve Outcomes (3)
HCI 428: Technology: A Tool to Advance Innovation in Health Care (3)

A "C" (2.00 on a 4.00 scale) or better is required in all courses.

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: 2.00

Incompatible Majors: BS in health innovation

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Nursing and Health Innovation, Edson College of
Edson College of Nursing and Health Innovation
<https://nursingandhealth.asu.edu/non-degree/minors>
MERCC 250
CONHI_advising@asu.edu
602-496-0888

History Minor (ASHISMIN)

Campus: West

Description:

The minor program in history educates students in the methods and the use of basic tools of the historical discipline. Students are exposed to a

broad span of history, both temporally and geographically, ranging from the ancient world through the modern period and extending from Europe to Latin America and the United States.

The program is offered by the School of Humanities, Arts and Cultural Studies.

Program Requirements:

The minor in history consists of 18 credit hours (a minimum of 12 credit hours must be upper-division). A minimum of six upper-division credit hours must be completed through HST courses offered by the School of Humanities, Arts, and Cultural Studies. Students wishing to pursue the minor should meet with an academic advisor to construct a set of courses that reflect a particular area of specialty and interest. All courses used to satisfy requirements for the minor must be passed with a grade of "C" (2.00) or better.

History Survey Requirements -- 6 credit hours

Choose one of the following sets:

HST 100: Global History to 1500 (HU & H & G) AND HST 101: Global History Since 1500 (HU & H & G) (6)

HST 109: United States to 1865 ((HU or SB) & H) AND HST 110: United States Since 1865 (SB & H) (6)

HST 102: Western Civilization: Ancient and Medieval Europe (SB & H) or HST 103: Western Civilization: Renaissance to Enlightenment ((HU or SB) & H) or HST 104: Western Civilization: French Revolution to European Union ((HU or SB) & G & H) (6)

Upper Division History Requirements -- 12 credit hours

HST 495: Methods of Historical Inquiry (L) (3)

HST Upper Division Elective (9)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: None

Incompatible Majors: BA in history

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Humanities, Arts, and Cultural Studies

<https://newcollege.asu.edu/history-minor>

FAB N100

harc sadvising@asu.edu

602-543-3000

History Minor (LAHISMIN)

Campus: Tempe, Online

Description:

Students who pursue the minor in history study the growth and development of human society from all aspects: political, social, economic and cultural. The program covers the history of the United States, Europe, Asia, Latin America and Africa. Courses are designed to give students both breadth and depth in understanding today's complex world.

Program Requirements:

The history minor consists of 18 credit hours of coursework, at least 12 of which must be upper-division. A grade of "C" (2.00 on a 4.00 scale) or better is required for all courses in the minor. A minimum of six upper-division credit hours must be in courses offered by The College of Liberal Arts and Sciences.

The minor in history is available to students in both on-campus and ASU Online degree programs. ASU Online students choose courses from the

designated track lists below.

Lower-Division Core Survey Courses (choose two) -- 6 credit hours

- HST 100: Global History to 1500 (HU & H & G) (3)
- HST 101: Global History Since 1500 (HU & H & G) (3)
- HST 102: Western Civilization: Ancient and Medieval Europe (SB & H) (3)
- HST 103: Western Civilization: Renaissance to Enlightenment ((HU or SB) & H) (3)
- HST 104: Western Civilization: French Revolution to European Union ((HU or SB) & G & H) (3)
- HST 106: Asian Civilizations ((HU or SB) & G & H) (3)
- HST 108: Introduction to Japan (SB & G & H) (3)
- HST 109: United States to 1865 ((HU or SB) & H) (3)
- HST 110: United States Since 1865 (SB & H) (3)
- HST 111: Introduction to Asia (HU & H & G) (3)

Geographic Focus Courses (choose one course from each geographic area) -- 9 credit hours

Upper-Division Courses in African, Asian or Latin American History (choose one)

- HST 302: Envisioning Peace ((HU or SB) & G & H) (3)
- HST 302: Gender and Sexuality in Islam ((HU or SB) & G & H) (3)
- HST 302: The Mexico City 1968 Olympics in Global Context ((HU or SB) & G & H) (3)
- HST 302: Slavery Systems in Africa ((HU or SB) & G & H) (3)
- HST 303: Studies in Asian History (SB & H) (3)
- HST 305: Studies in Latin American History (SB & H) (3)
- HST 307: Studies in African History (H) (3)
- HST 336: Islamic Civilization (HU & H) (3)
- HST 339: Islam in the Modern World (HU & G) (3)
- HST 372: Modern Middle East (SB & G & H) (3)
- HST 375: Colonial Latin America (SB & H) (3)
- HST 376: Modern Latin America (SB & G & H) (3)
- HST 383: China (SB & H) (3)
- HST 384: Modern China: 1700 to the Present (SB & G & H) (3)
- HST 385: History of Chinese Medicine (HU & H & G) (3)
- HST 386: Interpreting China's Classics ((L or HU) & H) (3)
- HST 387: Japan ((L or SB) & H) (3)
- HST 388: Japan (SB & G & H) (3)
- HST 389: Japan Society and Values/Pre-mod (3)
- HST 391: Modern Southeast Asia (SB & G & H) (3)
- HST 392: Modern India (3)
- HST 404: Conquest and Encounters in Colonial Latin America (L & G) (3)
- HST 435: The Russian Empire (SB & H) (3)
- HST 436: The Soviet Experiment (SB & G & H) (3)
- HST 441: Latin America and the World Economy (L & G & H) (3)
- HST 443: The United States and Latin America (SB & G & H) (3)
- HST 444: Latin American Independence ((L or HU) & G) (3)
- HST 445: 20th-Century Cuba (SB & G & H) (3)
- HST 447: Modern Mexico (SB & H) (3)
- HST 451: Chinese Cultural History I ((HU or SB) & H) (3)
- HST 452: Chinese Cultural History II (SB & G & H) (3)
- HST 456: The Vietnam War (SB & G & H) (3)
- HST 459: Gandhi and the Politics of Nonviolence (3)

Upper-Division Courses in European History (choose one)

- HST 304: Studies in European History (SB & H) (3)
- HST 309: Exploration and Empire ((L or HU) & H) (3)
- HST 346: Ancient Greece II: Late Classical and Hellenistic Period (SB & H) (3)
- HST 347: Ancient Greece I: Bronze Age through the Peloponnesian War (SB & H) (3)
- HST 348: Rome (SB & H) (3)
- HST 349: Early Middle Ages ((HU or SB) & H) (3)
- HST 350: Later Middle Ages ((HU or SB) & H) (3)
- HST 351: Renaissance Europe ((L or HU or SB) & H) (3)
- HST 352: Europe's Reformations ((L or HU or SB) & H) (3)
- HST 353: Old Regime in Europe (SB & H) (3)
- HST 354: Revolutionary Europe (SB & H) (3)
- HST 355: Total War and the Crisis of Modernity (SB & G & H) (3)

HST 356: Europe since 1945 (SB & G & H) (3)
 HST 358: Jewish History from Antiquity to 1492 (SB & H) (3)
 HST 359: Jewish History from 1492 to 1948 (SB & G & H) (3)
 HST 360: The Crusades: Religion & Conflict in the Middle Ages (SB & H) (3)
 HST 361: Witchcraft and Heresy in Europe ((L or HU) & H) (3)
 HST 362: Sex and Society in Classical and Medieval Europe (SB & H) (3)
 HST 363: Sex and Society in Early Modern Europe ((HU or SB) & H) (3)
 HST 364: Sex and Society in Modern Europe ((L or SB) & H) (3)
 HST 365: World Wars I and II: Europe's Eastern Front (3)
 HST 366: England to 1689 (SB & H) (3)
 HST 367: Modern Britain (SB & H) (3)
 HST 368: Culture and Imagination in European History (HU & H) (3)
 HST 369: History and Memory of the Holocaust (3)
 HST 370: Eastern Europe in Transition (SB & G & H) (3)
 HST 373: Roman History I: Foundations and Republic (3)
 HST 374: Roman History II: The Roman Empire (3)
 HST 397: Greece and Rome at War (3)
 HST 423: The Tudor Monarchy (SB & H) (3)
 HST 424: The Stuart Monarchy (SB & H) (3)
 HST 426: The British Empire (H) (3)
 HST 427: French Revolution/Napoleonic Era (SB & H) (3)
 HST 429: Modern Germany (SB & G & H) (3)
 HST 432: Eastern Europe the Balkans, 20th Century (G & H) (3)
 HST 435: The Russian Empire (SB & H) (3)
 HST 436: The Soviet Experiment (SB & G & H) (3)
 HST 438: Modern Spain ((HU or SB) & G & H) (3)
 HST 439: Athenian Democracy (H) (3)
 HST 465: Women in Europe, 1750 to Present ((HU or SB) & H) (3)

Upper-Division Courses in U.S. History (choose one)

HST 306: Studies in United States History ((HU or SB) & H) (3)
 HST 314: American Cultural History Since 1865 ((HU or SB) & H) (3)
 HST 315: Political History of the U. S. (SB & H) (3)
 HST 316: 20th-Century U.S. Foreign Relations (SB & H) (3)
 HST 317: History of Postwar U.S. Conservatism (3)
 HST 320: U.S. Urban History since 1850 (SB & H) (3)
 HST 321: Constitutional History/US to 1865 (SB & H) (3)
 HST 322: Constitutional History of the United States Since 1865 (H) (3)
 HST 323: Historical Studies in Race, Crime, and the Law (3)
 HST 325: Immigration and Ethnicity in the United States (SB & H & C) (3)
 HST 327: Women in U.S. History, 1600 to 1880 ((HU or SB) & C & H) (3)
 HST 328: Women in U.S. History, 1880-1980 ((HU or SB) & C & H) (3)
 HST 329: Women in 20th-Century U.S. West (H & C) (3)
 HST 331: Mexican American History to 1900 (SB & H & C) (3)
 HST 332: Mexican American History Since 1900 (SB & H & C) (3)
 HST 333: African American History to 1865 (SB & H & C) (3)
 HST 334: African American History Since 1865 ((HU or SB) & C & H) (3)
 HST 335: History of Black Women in America (SB & H) (3)
 HST 337: American Indian History to 1900 ((HU or SB) & C & H) (3)
 HST 338: American Indian History since 1900 ((HU or SB) & C & H) (3)
 HST 340: American Military History (SB & H) (3)
 HST 341: U.S. West 19th Century (SB & H) (3)
 HST 342: U.S. West 20th Century (SB & H) (3)
 HST 343: American Southwest ((L or SB) & H) (3)
 HST 344: Arizona (SB & H) (3)
 HST 345: Environmental History (L) (3)
 HST 377: Sports in United States History (3)
 HST 379: History of College Sports (3)
 HST 405: Colonial American History to 1763 (SB & H) (3)
 HST 406: American Revolution/1763-1789 (SB & H) (3)
 HST 407: Early U.S. Republic/1789-1850 ((L or SB) & H) (3)
 HST 408: Civil War and Reconstruction ((L or SB) & H) (3)
 HST 409: Emergence Modern U.S. 1877-1918 (SB & H) (3)
 HST 412: Contemporary U.S., 1973- Present (SB & H) (3)

HST 413: Contemporary America ((L or SB) & H) (3)
HST 414: Political History and Leadership (3)
HST 419: 20th Century Chicano/a History (C) (3)
HST 443: The United States and Latin America (SB & G & H) (3)
HST 448: Mexican/U.S. Border (3)
HST 449: Mexican Immigration to the U.S. ((L or SB) & H & C) (3)
HST 456: The Vietnam War (SB & G & H) (3)

Elective -- 3 credit hours

HST Upper Division Elective (3)

ASU Online Minor Requirements

ASU Online Lower-Division Core Survey Courses (choose two) -- 6 credit hours

HST 100: Global History to 1500 (HU & H & G) (3)
HST 101: Global History Since 1500 (HU & H & G) (3)
HST 109: United States to 1865 ((HU or SB) & H) (3)
HST 110: United States Since 1865 (SB & H) (3)

ASU Online Geographic Focus Courses (choose one course from each geographic area) -- 9 credit hours

ASU Online Upper-Division Courses in African, Asian or Latin American History (choose one)

HST 302: Gender and Sexuality in Islam ((HU or SB) & G & H) (3)
HST 302: The Mexico City 1968 Olympics in Global Context ((HU or SB) & G & H) (3)
HST 303: Studies in Asian History (SB & H) (3)
HST 339: Islam in the Modern World (HU & G) (3)
HST 372: Modern Middle East (SB & G & H) (3)
HST 391: Modern Southeast Asia (SB & G & H) (3)
HST 456: The Vietnam War (SB & G & H) (3)

ASU Online Upper-Division Courses in European History (choose one)

HST 304: Studies in European History (SB & H) (3)
HST 309: Exploration and Empire ((L or HU) & H) (3)
HST 347: Ancient Greece I: Bronze Age through the Peloponnesian War (SB & H) (3)
HST 354: Revolutionary Europe (SB & H) (3)
HST 361: Witchcraft and Heresy in Europe ((L or HU) & H) (3)
HST 364: Sex and Society in Modern Europe ((L or SB) & H) (3)

ASU Online Upper-Division Courses in U.S. History (choose one)

HST 306: Studies in United States History ((HU or SB) & H) (3)
HST 314: American Cultural History Since 1865 ((HU or SB) & H) (3)
HST 325: Immigration and Ethnicity in the United States (SB & H & C) (3)
HST 327: Women in U.S. History, 1600 to 1880 ((HU or SB) & C & H) (3)
HST 328: Women in U.S. History, 1880-1980 ((HU or SB) & C & H) (3)
HST 332: Mexican American History Since 1900 (SB & H & C) (3)
HST 337: American Indian History to 1900 ((HU or SB) & C & H) (3)
HST 338: American Indian History since 1900 ((HU or SB) & C & H) (3)
HST 340: American Military History (SB & H) (3)
HST 345: Environmental History (L) (3)
HST 379: History of College Sports (3)
HST 406: American Revolution/1763-1789 (SB & H) (3)
HST 407: Early U.S. Republic/1789-1850 ((L or SB) & H) (3)
HST 408: Civil War and Reconstruction ((L or SB) & H) (3)
HST 413: Contemporary America ((L or SB) & H) (3)
HST 456: The Vietnam War (SB & G & H) (3)

ASU Online Elective -- 3 credit hours

HST Upper Division Elective (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: None

Incompatible Majors: BA in history; BA in history (secondary education); BAE in secondary education (history)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/request-info>)

Contact Information:

Liberal Arts & Sciences, The College of
Historical, Philosophical & Religious Studies, Sch
<https://shprs.asu.edu/node/193>

COOR 3307

SHPRSadvising@asu.edu

480-965-8364

History Minor (LSHISMIN)

Campus: Polytechnic

Description:

The minor in history focuses on American history, European history, Southwest history, environmental history, the history of technology, the history of engineering and related fields.

Program Requirements:

The history minor consists of 18 credit hours. All coursework for the minor must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher.

Required Courses -- 18 credit hours

HST Elective (6)

HST Upper Division Elective (12)

Notes: A minimum of six credit hours must be taken in courses offered by the College of Integrative Sciences and Arts.

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: 2.00

Incompatible Majors: BA in history; BA in history of science, ideas and innovation

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Integrative Sciences and Arts, College of
College of Integrative Sciences and Arts

<https://cisa.asu.edu>
SANCA 233
CISA@asu.edu
480-727-1526

History of Science, Ideas and Innovation Minor (LSHSIIMIN)

Campus: Polytechnic

Description:

Science and technology shape every facet of modern human life, but all too frequently the underlying histories and ideas go unexamined. The minor program in the history of science, ideas and innovation helps students understand how society reached its present state and helps them reflect on what the future might hold by providing a foundation in the social and intellectual issues central to understanding the intertwined histories of science, technology and ideas.

Program Requirements:

The minor of history of science, ideas and innovation requires 15 credit hours, including a minimum of 12 credit hours of upper-division. A minimum of six upper-division credit hours must be taken in courses offered by the College of Integrative Sciences and Arts. A grade of "C" (2.00 on a 4.00 scale) or better is required in all courses.

Required Course -- 3 credit hours

HST 280: History of Science, Ideas and Innovation (SB & G & H) (3)

Elective Courses (choose four) -- 12 credit hours

HST 309: Exploration and Empire ((L or HU) & H) (3)

HST 318: History of Engineering ((L or SB) & G) (3)

HST 319: History of Aviation (H) (3)

HST 345: Environmental History (L) (3)

HST 380: Studies in the History of Science (3)

HST 381: Studies in the History of Ideas (3)

HST 382: Studies in the History of Innovation and Technology (H) (3)

HST 482: Writing and the History of Science, Ideas and Technology (L) (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: 2.00 cumulative GPA

Incompatible Majors: BA in history; BA in history of science, ideas and innovation

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Integrative Sciences and Arts, College of
College of Integrative Sciences and Arts
<https://cisa.asu.edu>
SANCA 233
CISA@asu.edu
480-727-1526

Human Nutrition Minor (ECNTRMIN)

Campus: Downtown Phoenix

Description:

The human nutrition minor program is available to any ASU student interested in a strong scientific understanding of human nutrition.

Program Requirements:

The minor requires students to take the following courses, for a total of 19 credit hours. All courses in the minor require a minimum grade of "C" (2.00 on a 4.00 scale) or higher.

Required Courses -- 19 credit hours

NTR 241: Human Nutrition (3)

NTR 341: Medical Nutrition Therapy I (3)

NTR 440: Advanced Human Nutrition I (3)

NTR 441: Advanced Human Nutrition II (3)

NTR 444: Medical Nutrition Therapy II (3)

NTR 446: Medical Nutrition Therapy III (4)

Additional prerequisite requirements: CHM 101 or 113, BIO 201, BIO 202 and BCH 361

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: None

Incompatible Majors: BS in nutrition (dietetics); BS in nutrition; BS in health sciences (healthy lifestyles coaching); BAS in applied science (food service management)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Health Solutions, College of

College of Health Solutions

<https://chs.asu.edu/home>

HLTHN 401AA

chs@asu.edu

602-496-3300

Human Systems Engineering Minor (ESHSEMIN)

Campus: Polytechnic

Description:

The minor in human systems engineering in the Ira A. Fulton Schools of Engineering provides students with an understanding of the science of human performance and with experience using methods and tools that will enable them to apply their understanding to design and problem-solving. These skills can be used in a wide variety of domains, such as product usability, learning design, sports performance, and workplace and hospital safety.

A broad range of professions need experts in human factors to work on problems that involve an understanding of human performance. Interest areas include user experience, aviation human factors, cognitive performance, consumer psychology, transportation human factors, patient safety, effective teamwork, health psychology, learning optimization, social cognition, threat detection and sports psychology.

Program Requirements:

The minor requires 21 credit hours. All required minor courses must be passed with a "C" (2.00 on a 4.00 scale) or better.

Required Courses -- 18 credit hours

HSE 101: Introduction to Human Systems Engineering (SB) (3)

HSE 225: Human Systems Integration (3)
HSE 230: Statistics for Human Systems Research I (CS) (3)
HSE 290: Experimental Methods for Human Systems Research (L) (3)
HSE 323: Perceptual Systems (SB) or HSE 324: Applied Cognitive Science (SB) (3)
HSE 325: Human-Computer Interaction (3)

Elective Course -- 3 credit hours

HSE 422: Human Factors in Sport (3)
HSE 423: Human Factors in Transportation (3)
HSE 424: Human Automation Interaction (3)
HSE 425: Human Factors in Medical Systems (3)
HSE 426: Training and Expertise (3)
HSE 427: Designing for Learning (3)
HSE 428: Judgment and Decision Making (3)
HSE 429: Product Design and Evaluation (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: 2.00

Incompatible Majors: BS in human systems engineering

Other Enrollment Requirements: None

Students should consult with a Polytechnic School advisor to verify eligibility and to review all courses required for the minor. To schedule an advising appointment, students should go to <https://fultonapps.asu.edu/advising> (<https://fultonapps.asu.edu/advising>).

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Engineering, Ira A. Fulton Schools of
Human Systems Engineering
<https://poly.engineering.asu.edu/hse/>
WANER 240J
polyadvising@asu.edu
480-727-1874

Innovation in Society Minor (FIFISMIN)

Campus: Tempe

Description:

The minor program in innovation in society equips students with the tools needed to analyze how science, technology and other social forces shape our present and future.

Students cultivate the critical thinking skills needed to develop creative strategies that steer innovation toward the needs and values of society. Students are trained to synthesize research and theory from the social sciences, humanities, natural sciences and engineering so they can develop proposals for how to build better futures. This enables students to understand the broader context of their major and helps them mesh those studies with other disciplines to develop more encompassing solutions to important problems.

Program Requirements:

Required Courses -- 15 credit hours
FIS 111: Welcome to the Future (3)
FIS 201: Innovation in Society (H) (3)
FIS 305: Ways of Knowing (L) (3)

FIS Upper Division Elective (3)
FIS Upper Division Elective (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: 2.00

Incompatible Majors: None

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Global Futures, College of
School for the Future of Innovation in Society
<https://sfis.asu.edu/degree/innovation-society-1>
WGHL 108
sfisundergrad@asu.edu
480-727-6963

Integrative Health Minor (NUIHLTMIN)

Campus: Downtown Phoenix, West

Description:

The integrative health minor program provides students with the foundational knowledge they need to approach health from a holistic perspective that focuses on the mind, body and spirit. The minor program provides an overview of holistic approaches as well as emphasizes research, evidence-based approaches and the legal, ethical, historical and cultural foundations of integrative health care.

Program Requirements:

This minor requires 18 credit hours.

Required Courses -- 15 credit hours

HCR 241: Foundations of Integrative Health (3)
HCR 341: Biological, Manipulative, and Body-Based Therapies (3)
HCR 342: Mind-Body and Energy Therapies and Modalities (3)
HCR 343: Historical and Cultural Foundations of Integrative Health Care (3)
HCR 440: Interprofessional Approaches to Integrative Health Care (3)

Elective -- 3 credit hours

BIO OR CHM Elective (3-4)

A "C" (2.00 on a 4.00 scale) or better is required in all courses.

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: 2.00

Incompatible Majors: BS in integrative health

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Nursing and Health Innovation, Edson College of
Edson College of Nursing and Health Innovation
<https://nursingandhealth.asu.edu/non-degree/minors>
MERCC 250
CONHI_advising@asu.edu
602-496-0888

Integrative Social Science Minor (LSISSMIN)

Campus: Polytechnic

Description:

The minor program in integrative social science is designed to provide general education in the social sciences to individuals who desire exposure to the variety of theories and methods of social scientists. Individuals seeking to expand their analytical, problem solving and strategic planning skill sets benefit from this minor.

The minor is useful to engineers, technologists and other professionals whose specialized education may not have given them access to social science research theories and methodologies, though their professional activities demand knowledge of those tools.

Program Requirements:

The minor requires 18 credit hours: 15 credit hours of required courses and three credits hours of electives.

Because of their specific design for this particular minor, the 15 credits hours of required courses may not be substituted, nor may transfer hours be used to satisfy the requirements.

Required Courses -- 15 credit hours

ISS 301: Integrated Social Science Research Methods (SB) or POS 301: Empirical Political Inquiry (SB) or STS 301: Research in Science and Technology Studies (SB) (3)

ISS 302: Scope of Social Science (SB) (3)

ISS 304: Integrated Theories of Social Science (SB) (3)

ISS 401: Statistics for Integrated Social Science (MA) or POS 401: Political Statistics (CS) or STS 401: Statistics in Science and Technology Studies (CS) (3)

STS 304: Science, Technology and Society (SB) (3)

Elective Course (choose one) -- 3 credit hours

POS 316: American Political Institutions (3)

POS 325: Public Policy Development (SB) (3)

POS 485: Political Economy (SB) (3)

SOC 332: The Modern City (G) (3)

SOC 352: Social Change (SB & G & H) (3)

SOC 420: Sociology of Religion (L or SB) (3)

SOC 421: Education and Society (SB) (3)

STS 306: Social Effects of Science and Technology (SB) (3)

STS 317: Science, Technology, and Global Engagement (SB & G) (3)

STS 329: Technology in Developing Countries (SB & G) (3)

STS 330: Information Technology and Globalization (SB & G) (3)

STS 331: Ethical Issues in Science and Technology (SB) (3)

STS 332: Global Issues in Science and Technology (SB) (3)

STS 364: Science, Technology, and National Security (SB) (3)

WST 300: Women and Gender in Contemporary Society (SB & C) (3)

WST 380: Race, Gender, and Class (SB & C) (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: 2.00

Incompatible Majors: BS in integrative social science

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Integrative Sciences and Arts, College of

College of Integrative Sciences and Arts

<https://cisa.asu.edu>

SANCA 233

CISA@asu.edu

480-727-1526

Interdisciplinary Organizational Studies Minor (ASIOSMIN)

Campus: West

Description:

The minor program in interdisciplinary organizational studies is designed to increase understanding of the behavior and the dynamics of individual, group and organizational processes in the workplace. It incorporates perspectives from the behavioral and social sciences, communication studies and management.

The minor is learner-centered and allows students to select coursework that matches their career and educational goals.

The program is offered by the School of Social and Behavioral Studies.

Program Requirements:

The minor in interdisciplinary organizational studies consists of 21 credit hours (a minimum of 18 credit hours must be upper-division). The research methods course must be approved by an academic advisor prior to enrollment. Students will complete 12 credit hours in courses focused on organizations and three credit hours from courses focused on diversity within organizations. The internship site must be approved by the Internship Advisor prior to enrollment. All courses used to satisfy the requirements for the minor must be passed with a "C" (2.00) or better.

Core Requirements -- 6 credit hours

PSY 453: Organizational Behavior (SB) (3)

A research methods course must be chosen in consultation with an academic advisor in the School of Social and Behavioral Sciences from the following:

COM 308: Advanced Research Methods in Communication (L) (3)

PSY 230: Introduction to Statistics (CS) (3)

SBS 304: Social Statistics I (CS) (3)

Cluster 1 - Courses Focused on Organizations -- 12 credit hours

Choose four courses from the following list:

COM 320: Communication and Consumerism (SB) (3)

COM 400: Dissent in Organizations (HU & C) (3)

COM 450: Organizational Communication (SB) (3)

COM 451: Communication and Work Relationships (3)

COM 453: Communication Training and Development (3)

PHI 360: Business and Professional Ethics (HU) (3)

PSY 482: Social Influence and Consumer Behavior (SB) (3)

PSY 484 / COM 484: Internship or SOC 484: Internship (3)

SOC 443: Sociology of Corporations (SB & G) (3)

Cluster 2 - Courses Focused on Diversity Within Organizations -- 3 credit hours

Choose one course from the following list:

COM 463: Intercultural Communication in a Global Context (SB & G) (3)

POS 437: Women, Power, and Politics (G) (3)

SOC 270: Racial and Ethnic Relations (SB & C) (3)

SOC 400: Perspectives on Aging (SB) (3)

SOC 426: Social Inequality (SB) (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: None

Incompatible Majors: None

Other Enrollment Requirements: None

The minor in interdisciplinary organizational studies is open to all ASU undergraduate majors.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Interdisciplinary Arts & Sciences, New College of

School of Social and Behavioral Sciences

<https://newcollege.asu.edu/interdisciplinary-organizational-studies-minor>

FAB N100

sbsadvising@asu.edu

602-543-3000

Interior Design History Minor (ARINTMIN)

Campus: Tempe

Description:

The minor in interior design history is available to students interested in studying design and culture across many time periods.

The courses designated for the minor are part of the professional studies in interior design environments. The coursework introduces theories informing the professions of architecture, decorative arts and interior design while also examining cultures and history from around the globe.

Program Requirements:

A minimum of 18 credit hours (12 credit hours of which must be from the 300 or 400 level) are required for the minor. A minimum grade of "C" (2.00) is required in all classes for the minor. To enhance the understanding of the subject matter, the selected courses are sequential in nature and require certain prerequisites. Consequently, students should carefully note the semester in which any of these courses are offered.

A minimum GPA of 2.50 in minor courses is required to earn the minor in interior design history.

Required Courses -- 12 credit hours

DSC 101: Design Awareness (HU & G) (3)

INT 111: Interior Design Issues and Theories (HU) (3)

INT 310: History of Interior Design I (HU & H) (3)

INT 311: History of Interior Design II (HU & H) (3)

Interior Design History Courses -- 6 credit hours

APH 300: World Architecture I/Western Cultures (HU & H & G) (3)

INT 415: Latin American Design or INT 494: Design and Culture in Latin America (3)

INT 494: Contemporary Design Issues in Europe (3)

INT 494: Design and Context (3)

INT 494 "Contemporary Design Issues in Europe" and INT 494 "Design and Context" are offered as part of a summer study abroad program only.

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: 2.50

Incompatible Majors: BSD in interior design

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Design & the Arts, Herberger Institute for
The Design School
<https://design.asu.edu/degree-programs>
CDN 162
herbergeradvising@asu.edu
480-965-4495

Italian Minor (LAITAMIN)

Campus: Tempe

Description:

Students pursuing a minor in Italian gain an understanding of the language, literature and cultures of Italian-speaking peoples and regions.

Students are encouraged to participate in a study abroad program to enhance their education and overall minor experience, and they should go to <https://silc.asu.edu/student-life/study-abroad/faculty-directed-summer-program-pages> (<https://silc.asu.edu/student-life/study-abroad/faculty-directed-summer-program-pages>) for more information.

Program Requirements:

The Italian minor requires 18 credit hours. A minimum of 12 credit hours must be upper-division. Each course must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher.

Required Courses -- 6 credit hours

ITA 311: Speak Italy: Language, People, Culture (G) or ITA 312: Write Italy: Language, People, Culture (L & G) (3)

ITA 321: Italian Renaissance Culture: Politicians, Merchants, Artists and Courtesans (H) or ITA 322: Modern Italian Culture: Explorers, Scientists, Musicians and Revolutionaries (HU) (3)

Electives -- 12 credit hours

Students may apply a maximum of six credit hours of 200-level ITA courses toward the minor. If both ITA 201 and ITA 202 are completed, the remaining two credit hours will be counted toward university elective credit. All remaining electives must be upper-division ITA courses, of which at least three credit hours must be completed at the 400-level.

ITA 201: Intermediate Italian I (G) (4)

ITA 202: Intermediate Italian II (G) (4)

ITA 210: Intensive Italian II (G) (6)

ITA 311: Speak Italy: Language, People, Culture (G) (3)

ITA 312: Write Italy: Language, People, Culture (L & G) (3)

ITA 315: Italian Culture: The Good, The Bad and The Ugly (HU & G) (3)

ITA 319: Italian for Professions (3)

ITA 321: Italian Renaissance Culture: Politicians, Merchants, Artists and Courtesans (H) (3)

ITA 322: Modern Italian Culture: Explorers, Scientists, Musicians and Revolutionaries (HU) (3)

ITA 350: Food and Culture: The Mediterranean Lifestyle in Italy (3)

ITA 394: Special Topics (1-4)
ITA 413: Advanced Italian (G) (3)
ITA 414: French and Italian Popular Culture ((L or HU) & G) (3)
ITA 420: Italian Cinema (L & G) (3)
ITA 423: Italian Organized Crime in Films and History ((L or HU) & G) (3)
ITA 484: Internship (3)
ITA 494: Special Topics (1-4)
ITA 499: Individualized Instruction (3)

Additional courses can be used toward minor electives with permission of an academic advisor in the School of International Letters and Cultures.

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: 2.00

Incompatible Majors: BA in Italian

Other Enrollment Requirements: None

Students who wish to add a minor in Italian to the bachelor's degree program they are pursuing may do so by contacting the School of International Letters and Cultures advising office.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Liberal Arts & Sciences, The College of
School of International Letters and Cultures
<https://silc.asu.edu/degrees/undergrad/minor-certs>
LL 440
silcadvising@asu.edu
480-965-6281

Justice Studies Minor (LAJUSMIN)

Campus: Tempe, Online

Description:

The minor program in justice studies is designed for students interested in developing an understanding of the meaning of justice and injustice and analyzing controversial issues. In addition to the two required core courses, students are able to select electives that align with their specific interests.

Program Requirements:

The minor requires a minimum of 18 credit hours. At least 12 credit hours must be at the upper-division level. Each course must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher.

Required Courses -- 6 credit hours

JUS 105: Introduction to Justice Studies (SB) or JUS 305: Principles of Justice Studies (SB) (3)

JUS 303: Justice Theory (L) (3)

Electives -- 12 credit hours

Select any JUS course except JUS 301, JUS 302 or any course listed as a required course for Justice Studies majors.

JUS Elective (3)

JUS Upper Division Elective (9)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this

minor.

Enrollment Requirements:

GPA Requirement: None

Incompatible Majors: BA and BS in justice studies

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/minors/justice-studies>)

Contact Information:

Liberal Arts & Sciences, The College of
School of Social Transformation
<https://sst.asu.edu/node/1113>
WILSN 125
SSTadvising@asu.edu
480-965-7682

Kinesiology Minor (NHKINMIN)

Campus: Downtown Phoenix, ASU@Lake Havasu

Description:

The minor program in kinesiology introduces students to the concepts, theories, research and careers related to the four major subdisciplines of kinesiology (motor behavior, exercise and health psychology, biomechanics, and exercise physiology). Students in the minor select one of these four subdisciplinary areas as the area of emphasis on which to focus in the upper-division requirements for the minor.

Program Requirements:

18 credit hours are required for the minor.

Students will begin by taking KIN 101 Introduction to Kinesiology and KIN 290 Introduction to Evidence-Based Practice. After this, students will select a track in one of the four subdisciplines.

*All track courses must come from a single track.

Required Core Courses for all Tracks -- 6 credit hours

KIN 101: Introduction to Kinesiology (3)

KIN 290: Introduction to Evidence-Based Practice (L) (3)

Biomechanics Track

Biomechanics Required Course -- 3 credit hours

KIN 335: Biomechanics (3)

Biomechanics Track Elective Courses (choose three courses) -- 9 credit hours

KIN 334: Functional Anatomy and Kinesiology (3)

KIN 412: Biomechanics of the Skeletal System (3)

KIN 415: Theory of Corrective Exercise (3)

KIN 418: Experimental Neuromechanics (3)

KIN 494: Functional Anatomy of Low Back Pain (3)

Exercise Physiology Track

Exercise Physiology Track Required Course -- 3 credit hours

KIN 340: Physiology of Exercise (3)

Exercise Physiology Track Elective Courses (choose three courses) -- 9 credit hours

KIN 334: Functional Anatomy and Kinesiology (3)

KIN 440: Exercise Biochemistry (3)

KIN 441: Physiology of Women in Sport (L) (3)

KIN 442: Fuel Metabolism (3)

KIN 443: Exercise Endocrinology (L) (3)

KIN 444: Metabolic Adaptations to Exercise Training (3)

KIN 446: Pediatric Obesity (3)

KIN 447: ECG Interpretation (3)

KIN 460: Theory of Strength Training (L) (3)

KIN 465: Muscle Physiology (3)

KIN 494: Advanced Exercise Physiology (3)

KIN 494: Cardiovascular Exercise Physiology (3)

Exercise/Health Psychology Track

Exercise/Health Psychology Track Required Course -- 3 credit hours

KIN 352: Psychosocial Aspects of Physical Activity (SB & C) (3)

Exercise/Health Psychology Track Elective Courses (choose three courses) -- 9 credit hours

KIN 334: Functional Anatomy and Kinesiology (3)

KIN 348: Psychological Skills for Optimal Performance (SB) (3)

KIN 450: Biopsychosocial Perspectives on Physical Activity and Health (3)

KIN 452: Exercise Psychology (SB) (3)

KIN 454: Motivational Theory in Exercise and Health (3)

Motor Behavior Track

Motor Behavior Track Required Course -- 3 credit hours

KIN 345: Motor and Developmental Learning (3)

Motor Behavior Track Elective Courses (choose three courses) -- 9 credit hours

KIN 334: Functional Anatomy and Kinesiology (3)

KIN 421: Human Motor Control (L) (3)

KIN 422: Motor Control in Special Populations (L) (3)

KIN 423: Motor Control and Aging (L) (3)

KIN 424: Neural Aspects of Movement and Rehabilitation (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

There are course prerequisites for a number of courses in the minor.

Enrollment Requirements:

GPA Requirement: 2.00

Incompatible Majors: BS in kinesiology

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Health Solutions, College of

College of Health Solutions

<https://chs.asu.edu/programs/kinesiology-0>

HLTHN 401AA
CHS@asu.edu
602-496-3300

Korean Minor (LAKORMIN)

Campus: Tempe

Description:

The Korean minor program is designed to enrich and deepen students' understanding of Korea by placing special emphasis on obtaining a high level of language proficiency in Korean as well as gaining extensive knowledge of Korean literature, culture, film and linguistics, which are necessary for professional or academic endeavors in areas related to Korea or East Asia.

Program Requirements:

The minor in Korean consists of 18 upper-division credit hours in the field. All courses must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher. At least 12 credit hours must be taken in courses taught by ASU or completed through an a study abroad program administered by ASU and officially recognized by the Korean program.

Required Courses -- 6 credit hours

KOR 313: Third-Year Korean I (G) (3)

KOR 314: Third-Year Korean II (G) (3)

Korean Electives (select four) -- 12 credit hours

KOR 347: Korean Film and Literature (HU) (3)

KOR 350: Women of Korea (H) (3)

KOR 375 / SLC 375: Intercultural Communication in Korea (3)

KOR 401: Advanced Korean I (3)

KOR 402: Advanced Korean II (3)

KOR 415 / SLC 415: Korean Popular Culture (HU & G) (3)

KOR 457 / SLC 457: Premodern Korea in a Global Context (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: None

Incompatible Majors: None

Other Enrollment Requirements: Students must have completed KOR 202 Second-Year Korean II with a minimum course grade of a "C" (2.00 on a 4.00 scale) or better or have an equivalent level of Korean language proficiency.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Liberal Arts & Sciences, The College of
School of International Letters and Cultures
<https://silc.asu.edu/degrees/undergrad/minor-certs>
LL 440
silcadvising@asu.edu
480-965-6281

Landscape Studies Minor (ARLNDMIN)

Campus: Tempe

Description:

The minor program in landscape studies is designed for students who have an interest in landscape architecture but are pursuing a major in another field.

The course selection is intended to provide greater understanding of landscape architecture issues that may be relevant in related professional disciplines.

Program Requirements:

A minimum of 18 credit hours (to include 12 credit hours of upper-division coursework) are required for the minor. A minimum grade of "C" (2.00) is required in all classes for the minor.

A minimum GPA of 2.50 in minor courses is required to earn the minor in landscape studies.

Required Courses -- 12 credit hours

ALA 102: Landscapes and Sustainability (HU & G) (3)

LAP 254: Plant Materials (3)

LPH 310: History of Landscape Architecture (HU & H) (3)

LPH 311: 20th-Century Landscape Architecture (HU) (3)

Landscape Architectural History and Theory -- 6 credit hours

LAP 332: GIS Applications in Environmental Design (3)

LAP 352: Ecosystems and Sustainable Design (3)

LAP 485: International Field Studies (G) (1-6)

LAP 494: Special Topics (3)

LAP 499: Individualized Instruction (1-3)

Notes: LAP 499 requires a petition to The Design School.

LDE 494: MicroDwell (3)

LPH 411: Landscape Architecture Theory and Criticism (L) (3)

LPH 494: Special Topics (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: 2.50

Incompatible Majors: BS in landscape architecture

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Design & the Arts, Herberger Institute for

The Design School

<https://design.asu.edu/>

CDN 162

herbergeradvising@asu.edu

480-965-4495

Latin American Studies Minor (ASLASMIN)

Campus: West

Description:

The minor program in Latin American studies offers a learner-driven model in which the student's specific interests are deepened through the study of Latin America. It is interdisciplinary and allows for flexibility in course selection while also instilling a breadth and depth of knowledge about issues surrounding Latin America.

This minor encourages cross-cultural exploration and students who pursue it are prepared for a global-minded career path, in fields as diverse as business and finance, arts and arts administration, education, nonprofit organizations, health care, the sciences, psychology, social sciences, sports, journalism, diplomacy, law enforcement and forensic science, ministry, technology, architecture and library science.

Program Requirements:

The minor in Latin American studies consists of 18 credit hours, of which 12 credit hours must be upper-division. A minimum of six upper-division credit hours must be taken from the School of Humanities, Arts, and Cultural Studies and a minimum of 12 credit hours must be completed at ASU. All courses used to satisfy the requirements for the minor must be passed with a "C" (2.00) or better.

Core Requirements -- 6 credit hours

LAS 205: Deep Roots: Latin America (HU & G) (3)

LAS 206: Locating Latin America: Interdisciplinary Methods (3)

Upper Division Latin American Studies Electives -- 12 credit hours

AMS 330: American Lives (HU & C) (3)

ASB 342 / SBS 342 / SOC 342: Mexico-U.S. Borderlands (SB & C) (3)

COM 477: Sport, Culture, and Discourses (3)

IAP 305: 20th and 21st Century Art, Performance, and Media (L or HU) (3)

IAP 473: Aesthetic Research (L or HU) (3)

IAP 474: Art and Film (L or HU) (3)

IAS 406 / PHI 406: Moral Dilemmas (L or HU) (3)

LAS 330: From the Inside: The Latin American Journey (HU) (3)

LAS 340: Latin American Women Writers (3)

LAS 350: The Construction of a Nation: Chile in the 20th/21st Century (3)

LAS 351: Cityscapes: Urban Mexican Literature and Culture (3)

LAS 355: Contemporary Mexican Cinema: Changing Cartographies (3)

LAS 375: Colonial Latin America (SB & H) (3)

LAS 376: Modern Latin America (SB & G & H) (3)

LAS 394: Special Topics (3)

LAS 404: Conquest and Encounters in Colonial Latin America (L & G) (3)

LAS 419: 20th Century Chicano/a History (C) (3)

LAS 428: Peoples and Cultures of the American West, to 1848 (SB & H) (3)

LAS 430: Gender on the Borderlands (SB & G) (3)

LAS 441: Latin America and the World Economy (L & G & H) (3)

LAS 450: Latina/os, Schooling and Social Inequality (C) (3)

LAS 471: Treaties and Cultural Production in Spain and the Americas (3)

LAS 473: Indigenous and Latina/Chicana Representation (SB & C) (3)

LAS 480: Current Trends in Theatre and New Media in Latin America and Spain (HU) (3)

LAS 481: Dictatorships and Dirty Wars: Latin American Cinema from Resistance to Reconciliation (HU & G) (3)

LAS 494: Special Topics (3)

MUS 354: Latin American Popular Music (HU) (3)

NEW 300: International Cities (3)

PHI 306: Applied Ethics (HU) (3)

PHI 360: Business and Professional Ethics (HU) (3)

POS 354 / ASB 356 / GCU 356 / SBS 356 / SOC 356: Central American Studies (SB & G) (3)

POS 453: Latin America (SB & G) (3)

POS 454: Mexico (SB & G) (3)

PSY 468: Psychology and Law (3)

REL 390 / WST 390: Women, Gender and Religion (HU & G) (3)

SOC 445: Globalization, Development, and Resistance (SB & G) (3)

SPA 325: Introduction to Hispanic Literature (HU) (3)

SPA 394: Special Topics (3)

SPA 413: Spanish Grammar in Context (G) (3)

SPA 426: Literature and Society in Modern Spain (HU) (3)

SPA 427: Colonial and Postcolonial Latin American Literature (L or HU) (3)

SPA 429: Writing Mexico: Major Texts ((L or HU) & G) (3)

SPA 434: Drama of the Golden Age (3)

SPA 456: 20th-Century Spanish American Fiction (3)

SPA 464: Jaitón Works in Chicano/a Literature ((HU or SB) & C) (3)

SPA 472: Latin American Society: Five Case Studies (HU & H & G) (3)

SPA 474: Revolutionary Mexico and Postmodern Revisions ((L or HU) & G) (3)

SPA 487: Chicano/a Drama: Pachucos, Vendidos y Cerezitas (C) (3)

SPA 494: Special Topics (3)

WST 457: Women, Cultures, and Societies (SB & G) (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: None

Incompatible Majors: BA in Latin American studies; BA in social and cultural analysis (Latin American studies)

Other Enrollment Requirements: None

The minor in Latin American studies is open to all ASU undergraduate majors.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Humanities, Arts, and Cultural Studies
<https://newcollege.asu.edu/latin-american-studies-minor>
FAB N100
harc sadvising@asu.edu
602-543-3000

Materials Science and Engineering Minor (ESMSEMIN)

Campus: Tempe

Description:

The materials science and engineering minor is a program designed to give science and engineering majors an in-depth understanding of materials, including their structure, processing, properties and performance.

Program Requirements:

Students are required to take five courses and one lab (minimum of 16 credits), listed below:

Required Courses -- 12 credit hours

MSE 250: Structure and Properties of Materials (3)

MSE 355: Structure and Defects (3)

MSE 356: Structures, Properties, and Defects Lab (<https://webapp4.asu.edu/catalog/courselist?s=MSE&l=300-399&t=2207&hon=F>) > MSE 3**

Elective or MSE 4** Elective (6)

Materials-related Lab Course -- 1 credit hours

(1)

MSE 421: Physical Metallurgy Laboratory (1)

MSE 451: Introduction to Materials Characterization Lab (1)

Materials-related Course -- 3 credit hours

BME 318: Biomaterials (4)

CEE 353: Civil Engineering Materials (4)

CHM 471: Solid-State Chemistry (3)

EEE 352: Properties of Electronic Materials (4)

EEE 436: Fundamentals of Solid-State Devices (3)

PHY 481: Materials Physics I (<https://webapp4.asu.edu/catalog/courselist?s=MSE&l=300-399&t=2207&hon=F>) > MSE 3** Elective (3)

MSE 4** Elective (3)

(3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this

minor.

Enrollment Requirements:

GPA Requirement: 2.75

Incompatible Majors: BA in interdisciplinary studies with a concentration in materials science and engineering

Other Enrollment Requirements: Students must hold sophomore status to enroll in the materials science and engineering minor. To earn the minor, students must receive a 2.50 GPA in all minor courses. Students adding the minor will also need to complete MAT 265 (MAT 270), MAT 242 (MAT 342 or 343), and CHM 114 or CHM 113 and 116.

Interested students should consult with a School for Engineering of Matter, Transport and Energy advisor to verify eligibility and to review all courses required for the minor. To schedule an advising appointment, students should contact the SEMTE advising office at 480-965-2335 or semte@asu.edu (<mailto:semte@asu.edu>).

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Engineering, Ira A. Fulton Schools of
Materials Science and Engineering Program
<https://semte.engineering.asu.edu/materials-science-and-engineering-bse/>
ECG 202
semte@asu.edu
480-965-2335

Mathematics Minor (ASMATHMIN)

Campus: West

Description:

The minor program in mathematics explores the study of higher mathematics.

It is designed to enable the student to understand the mathematics most commonly used in business, economics and science. It is expected that students in the minor will be able to reason and to find creative solutions to problems that are either presented to them or meaningfully formulated by them.

The minor is recommended for students who plan to major in interdisciplinary arts and sciences, biology or business and for those who are preparing for further graduate study.

The program is offered by the School of Mathematical and Natural Sciences.

Program Requirements:

The minor in mathematics consists of 20 credit hours (a minimum of 12 credit hours must be upper-division). A minimum of nine credit hours must be taken from the School of Mathematical and Natural Sciences. Elective courses not on this list should be approved by an academic advisor prior to enrollment. All courses used to satisfy requirements for the minor must be passed with a "C" (2.00) or better.

Required Courses -- 14 credit hours

MAT 271: Calculus with Analytic Geometry II (MA) (4)
MAT 272: Calculus with Analytic Geometry III (MA) (4)
MAT 300: Mathematical Structures (L) (3)
MAT 342: Linear Algebra or MAT 343: Applied Linear Algebra (3)

Elective Courses -- 6 credit hours

MAT 310: Introduction to Geometry (3)
MAT 371: Advanced Calculus I (3)
MAT 411: History and Philosophy of Mathematics (HU & H) (3)
MAT 421: Applied Computational Methods (CS) (3)

MAT 443: Introduction to Abstract Algebra (3)
MAT 445: Theory of Numbers (3)
MAT 452: Introduction to Chaos and Nonlinear Dynamics (3)
MAT 461: Applied Complex Analysis (3)
MAT 462: Applied Partial Differential Equations (3)
MAT 472: Intermediate Real Analysis I (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: None

Incompatible Majors: BS in applied mathematics

Other Enrollment Requirements: None

The minor in mathematics is open to all ASU undergraduate majors.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Mathematical and Natural Sciences
<https://newcollege.asu.edu/mathematics-minor>
FAB N100
mnsadvising@asu.edu
602-543-3000

Mathematics Minor (LAMATMIN)

Campus: Tempe

Description:

The minor in mathematics is designed for students who want to further their knowledge of mathematics. It is beneficial for students majoring in any field where there is a need for quantification in the analysis of phenomena.

Program Requirements:

The minor in mathematics consists of a minimum of 18 credit hours, of which at least 12 must be upper-division. A grade of "C" (2.00 on a 4.00 scale) or better is required for courses used in the minor.

Required Courses -- 9 credit hours

A minimum of 9 credit hours is required. Students completing MAT 271 and MAT 272 will complete a total of 11 credit hours.

MAT 271: Calculus with Analytic Geometry II (MA) or MAT 266: Calculus for Engineers II (MA) (3-4)
MAT 272: Calculus with Analytic Geometry III (MA) or MAT 267: Calculus for Engineers III (MA) (3-4)
MAT 342: Linear Algebra or MAT 343: Applied Linear Algebra (3)

Electives -- 9 credit hours

In consultation with an academic advisor in the School of Mathematical and Statistical Sciences, students choose nine credit hours of upper-division coursework in any combination from ACT, MAT and STP prefixes.

ACT OR MAT OR STP Upper Division Elective (9)

Students may not apply ACT 491, MAT 411 or MAT 485 or any course not offered by The College of Liberal Arts and Sciences to the minor, unless approved by an academic advisor in the School of Mathematical and Statistical Sciences prior to registration.

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this

minor.

Enrollment Requirements:

GPA Requirement: None

Incompatible Majors: BS in actuarial science; BS in applied mathematics; BS in computational mathematical science; BS in statistics; BA and BS in mathematics (including all concentrations); BAE in secondary education (mathematics)

Other Enrollment Requirements: None

Students should confer with an academic advisor in the School of Mathematical and Statistical Sciences before declaring the minor.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Liberal Arts & Sciences, The College of
School of Mathematical and Statistical Sciences
<https://math.asu.edu/>
WXMLR A211
math@asu.edu
480-965-7195

Media Analysis Minor (CSCMOMINA)

Campus: Downtown Phoenix, Online

Description:

The mass media, more than ever before, play vital roles in how information is disseminated and how societies and cultures evolve.

In the media analysis minor, students learn to understand the roles media play, how they are changing and what impact they make. Students are given the tools they need to critically evaluate, analyze and interpret media messages in order to become wise consumers of media.

Program Requirements:

The minor of media analysis consists of 18 credit hours of course work: nine credits of MCO core courses and nine credits of MCO electives. To pursue the minor in media analysis, students must maintain a minimum 2.00 cumulative GPA, and obtain a minimum grade of "C" (2.00 on a 4.00 scale) in each course in the minor.

Required Courses -- 9 credit hours

- MCO 120: Media and Society (SB) (3)
- MCO 240: Media Issues in American Pop Culture (3)
- MCO 418: History of Mass Communication (SB & H) (3)

Elective Courses -- 9 credit hours

- MCO 302: Media Research Methods (3)
- MCO 307: The Digital Audience (3)
- MCO 335: Social Media (3)
- MCO 366: Media Ethics and Diversity (3)
- MCO 403: Media Law (3)
- MCO 425: Digital Media Literacy I (3)
- MCO 426: Digital Media Literacy II (3)
- MCO 430: International Mass Communication (G) (3)
- MCO 436: Audience Research and Behavior (3)
- MCO 437: Audience Acquisition and Engagement (3)
- MCO 438: Digital Audience Analysis (3)
- MCO 450: Visual Communication (HU) (3)
- MCO 456: Political Communication (SB) (3)
- MCO 460: Race, Gender, and Media (C) (3)

MCO 465: Sports and Media (3)
MCO 470: Exploring the Business of Journalism (3)
MCO 473: Sex, Love, and Romance in the Mass Media (SB) (3)
MCO 494: Special Topics (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: 2.00

Incompatible Majors: BA in journalism and mass communication; BA in sports journalism and mass communication; BA in mass communications and media studies

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor or the department offering the minor for more information:
https://cronkite.asu.edu/undergrad/minor_media_analysis (https://cronkite.asu.edu/undergrad/minor_media_analysis).

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/minors/media-analysis-minor/>)

Contact Information:

Journalism & Mass Communication, Walter Cronkite School of
Walter Cronkite School of Journalism & Mass Comm
https://cronkite.asu.edu/undergrad/minor_media_analysis
CRONK 222
cronkiteadvising@asu.edu
602-496-5055

Medical Studies Minor (NHMESTMIN)

Campus: Downtown Phoenix, West

Description:

The minor program in medical studies focuses on preparing students for work in clinical medicine, to include both direct and indirect patient care.

Students take coursework in historical aspects of medicine and in the impact of violence upon health, in health disparities, and in leadership and professionalism. Students have the option of selecting an internship course that will enhance application of core concepts.

Program Requirements:

Students must earn a 'C' or better in courses used for the minor.

Required Courses -- 15 credit hours

HCD 303: Global Health Care Systems (G) (3)
HCD 330: Health Care Systems in the U.S. (3)
MED 300: Historical and Contemporary Issues in Health (L) (3)
MED 320: Applied Medical/Health Care Ethics (HU) (3)
MED 450: Leadership and Professionalism (3)

Elective Course (choose one course) -- 3 credit hours

HCD 420: Population Health Management (3)
PBH 422: Health Disparities and Access to Health (3)
MED 484: Internship (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this

minor.

Enrollment Requirements:

GPA Requirement: 2.00

Incompatible Majors: BS in medical studies; BS in science of health care delivery; BS in health sciences

Other Enrollment Requirements: Students must complete a minimum of 30 credit hours prior to adding the minor.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Health Solutions, College of

College of Health Solutions

<https://chs.asu.edu/programs/medical-studies>

HLTHS 444AA

chs@asu.edu

602-496-3300

Military Leadership Minor (LAMISMIN)

Campus: Tempe

Description:

The minor in military leadership is a program designed to enhance students' learning experience by providing tools that prepare them for leadership roles in various organizations. Students complete courses that cover academic and practical skills in many areas, including:

- effective communication
- leadership ethos
- negotiation
- problem-solving
- staff motivation and empowerment
- team-building

Program Requirements:

The minor in military leadership requires a minimum of 18 credit hours, 12 of which must be at the 300- or 400-level. 12 credit hours must be taken in residence on an ASU campus. Each course must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher.

Students choose the option befitting their chosen branch of the military. An option is also provided for non-ROTC students wishing to benefit from the skills and knowledge developed in the minor.

Branch Specific Options -- 18 credit hours

The branch-specific options for Army, Air Force, and Navy require a minimum of 12 credit hours specific to the option and six credit hours chosen from a list of approved electives. Students choosing the Marine option will complete nine credit hours within the branch option courses and nine credit hours from the list of approved electives.

Army Option

MIS 301: Training Management and the Warfighting Functions (L) (4)

MIS 302: Applied Leadership in Small-Unit Operations (L) (4)

MIS 401: The Army Officer (4)

MIS 402: Company Grade Leadership (4)

Choose two additional courses from the list of Approved Electives below.

Air Force Option

AES 301: Air Force Leadership Studies I (L) AND AES 302: Leadership Laboratory (3)

AES 303: Air Force Leadership Studies II (L) AND AES 304: Leadership Laboratory (3)

AES 401: National Security Affairs (L) AND AES 402: Leadership Laboratory (3)

AES 403: Preparation for Active Duty II AND AES 404: Leadership Lab (3)

Choose two additional courses from the list of Approved Electives below.

Navy Option

NAV 301: Naval Ship Systems I (3)

NAV 302: Naval Ship Systems: Weapons (3)

NAV 401: Naval Operations and Seamanship (3)

NAV 402: Leadership and Ethics (3)

Choose two additional courses from the list of Approved Electives below.

Marine Option

NAV 303: Evolution of Warfare (3)

NAV 402: Leadership and Ethics (3)

NAV 403: Fundamentals of Maneuver Warfare (3)

Choose three additional courses from the list of Approved Electives below.

Non-ROTC Option -- 18 credit hours

The minor also offers an option designed for non-ROTC students desiring the training provided by the minor. Student in the non-ROTC option complete three courses from this list of approved core courses and three courses selected from the list of Approved Electives.

Choose three courses from the following:

AES 301: Air Force Leadership Studies I (L) (3)

AES 303: Air Force Leadership Studies II (L) (3)

AES 401: National Security Affairs (L) (3)

AES 403: Preparation for Active Duty II (3)

MIS 301: Training Management and the Warfighting Functions (L) (4)

MIS 303: National Advanced Leadership Camp (4)

MIS 401: The Army Officer (4)

MIS 402: Company Grade Leadership (4)

NAV 301: Naval Ship Systems I (3)

NAV 302: Naval Ship Systems: Weapons (3)

NAV 303: Evolution of Warfare (3)

NAV 401: Naval Operations and Seamanship (3)

NAV 402: Leadership and Ethics (3)

NAV 403: Fundamentals of Maneuver Warfare (3)

Choose three additional courses from the list of Approved Electives below.

Approved Electives

Courses can only satisfy one requirement. No course used toward the branch-specific courses or the core courses for the non-ROTC option can be repeated as an elective.

AES 101: Air Force Today I (2)

AES 103: Air Force Today II (2)

AES 201: The Evolution of USAF Air and Space Power I (2)

AES 203: The Evolution of USAF Air and Space Power II (2)

FAS 101: Personal Growth in Human Relationships (SB) (3)

FAS 331: Marriage and Family Relationships (SB) (3)

HST 372: Modern Middle East (SB & G & H) (3)

HST 408: Civil War and Reconstruction ((L or SB) & H) (3)

HST 456: The Vietnam War (SB & G & H) (3)

MIS 101: Introduction to the United States Army (4)

MIS 102: Foundation of Agile and Adaptive Leadership (4)

MIS 201: Army Leadership and Decision Making (4)

MIS 202: Army Doctrine and Team Development (4)

MIS 499: Individualized Instruction (3)

NAV 101: Introduction to Naval Science (3)

NAV 102: Sea Power and Maritime Affairs (3)

NAV 202: Navigation (3)

REL 100: Religions of the World (HU & G) (3)

REL 366: Islam in the Modern World (HU & G) (3)

Additional electives may be used with the prior approval of the department chair.

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: None

Other Enrollment Requirements: None

Students in the history or religious studies BA programs may not use HST or REL courses to meet the elective requirement for this minor.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Liberal Arts & Sciences, The College of
Department of Military Science
<https://militaryscience.asu.edu/>
SS 330
ArmyROTC@asu.edu
480-965-3318

Music Minor (FAMUSMIN)

Campus: Tempe, Online

Description:

The music minor is designed for students who are interested in a broad introduction to the study of music. The program allows for a diverse exposure to traditional through contemporary music practices, with numerous course options based on students' interests.

Program Requirements:

The School of Music offers a minor in music consisting of 24 credit hours of coursework, including a minimum of 12 upper-division credit hours. A minimum grade of "C" (2.00) is required in all courses.

Required Courses -- 12 credit hours

MHL 201: Media Literacy for Musicians (CS) (3)

Notes: Only offered as an iCourse.

MUS 100: Fundamentals of Music Notation (3)

Notes: Only offered as an iCourse.

MUS 131: Bach to Bebop (HU) or MUS 355: American Music (HU & C & H) (3)

Notes: Bach to Bebop is only offered in fall semesters.

MUS 340: Music for the Concert Hall, Stage, and Screen (HU & H) (3)

Music History -- 6 credit hours

MUS 131: Bach to Bebop (HU) or MUS 355: American Music (HU & C & H) (3)

Notes: Bach to Bebop is only offered in fall semesters.

MUS 347: Jazz in America (HU & C) (3)

MUS 356: Broadway and the American Musical (HU) (3)

MUS 410: History of Women in Music (HU & C & H) (3)

Music Electives -- 6 credit hours

MUS 354: Beatles (HU) (3)

MUS 354: Classic Rock: 1950-1975 (HU) (3)

MUS 354: Country Music (HU) (3)

MUS 354: Elvis (HU) (3)

MUS 354: Jazz Giants (HU) (3)

MUS 354: Rock Since 1975 (HU) (3)

MUS 362: Rap Music and Hip Hop Culture (HU & C) (3)

MUS Upper Division Elective (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: None

Incompatible Majors: All music majors

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu>)

Contact Information:

Design & the Arts, Herberger Institute for
School of Music, Dance and Theatre
<https://music.asu.edu/degree-programs/minors-certificates>
MUSIC E167
herbergeradvising@asu.edu
480-965-5069

Music Performance Minor (HIMUSPMIN)

Campus: Tempe

Description:

The minor program in music performance allows students with a background in playing an instrument or in singing to continue to develop their musicianship while pursuing their major studies. The coursework includes individualized instruction and ensemble experience to develop the student's performance skills.

Program Requirements:

The minor requires 21 hours (12 upper-division) in performance, history, theory and electives.

Students may transfer up to 9 credit hours toward the minor.

Admission requirement: An audition is required for entrance into the minor and MUP 121 study. Audition criteria are determined by area faculty and will be similar to the MUP 111 and MUP 311 criteria found in the Audition Requirements section on this webpage (<http://music.asu.edu/admissions/auditions/>).

Required Courses -- 6 credit hours

MUP 121: Studio Instruction (2)

Notes: 2 semesters of MUP 121 required.

MUP 321: Studio Instruction (1)

MUS 131: Bach to Bebop (HU) (3)

Ensembles - Three semesters of ensembles related to the primary instrument studied in the minor -- 3 credit hours

MUP 442: Orchestra Strings (1)

MUP 442: Wind Ensemble (1)

MUP 443: Chamber Singers (1)

MUP 443: Concert Choir (1)

MUP 444: Concert Winds (1)

MUP 450: Choral Union (1)

MUP 455: Arizona Statesmen (1)

MUP 457: Women's Chorus (1)

MUP 458: ASU Gospel Choir (1)

MUP 459: Barrett Choir (1)

MUP 486: Concert Jazz Band (1)

MUP 486: Jazz Repertory Band (1)

MUP 486: Latin Jazz Ensemble (1)

Ensemble - Fourth semester of ensemble (may be unrelated to the primary instrument studied in the minor) -- 1 credit hours

MUS 294: Rock Band (1)
MUP 485: Contemporary (1)
MUP 485: Jazz (1)
MUP 485: Percussion Ensemble (1)
MUP 485: Steel Band (1)
MUP 489: Ethnomusicology Ensembles (1)
MUP 489: Gamelan (1)
MUP 489: Latin Marimba (1)
MUP 489: Mariachi (1)
MUP 489: Urban Dance Music Ensemble (1)
MUP 489: World Percussion Ensemble (1)

Music History -- 6 credit hours

MUS 340: Music for the Concert Hall, Stage, and Screen (HU & H) (3)
MUS 347: Jazz in America (HU & C) (3)
MUS 354: Classic Rock: 1950-1975 (HU) (3)
MUS 355: American Music (HU & C & H) (3)
MUS 356: Broadway and the American Musical (HU) (3)
MUS 362: Rap Music and Hip Hop Culture (HU & C) (3)
MUS 410: History of Women in Music (HU & C & H) (3)

MHL courses may be accepted if the appropriate prerequisites are met or with instructor approval.

Music Theory -- 3 credit hours

Students will take a theory diagnostic exam to determine placement in either MUS 100 or MTC 125.

MUS 100: Fundamentals of Music Notation or MTC 125: Basic Music Theory (3)

Music Electives -- 2 credit hours

MHL OR MUE OR MUP OR MUS OR MTC Upper Division Elective (2)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: None

Incompatible Majors: All music majors

Other Enrollment Requirements: Students must successfully complete an audition before the faculty in the applicable instrument area for entrance into the program. Audition criteria and specific audition requirements are determined by area faculty and will be similar to the MUP 111 and MUP 311 enrollment criteria for each instrument posted at <https://music.asu.edu/admissions/undergraduate-auditions> (<https://music.asu.edu/admissions/undergraduate-auditions>). Students interested in pursuing the performance minor should contact the Office of Academic Affairs in the School of Music, Dance and Theatre at musicadmissions@asu.edu (<mailto:musicadmissions@asu.edu>). They will be directed to the appropriate faculty member with whom to schedule an audition.

Advisors should not add the minor until the student presents a letter from the School of Music, Dance and Theatre Academic Affairs Office confirming that the student has successfully passed the audition.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Design & the Arts, Herberger Institute for
School of Music, Dance and Theatre
<https://music.asu.edu/degree-programs/minors-certificates>
MUSIC E167
MusicAdmissions@asu.edu
480-965-5069

Music Theatre Minor (HIMUTHRMIN)

Campus: Tempe

Description:

The minor program in music theatre allows students with a background, interest or passion in music theatre to continue their studies and further explore the craft.

The coursework develops skills through performance-based small group classes and private instruction and also includes the study of theoretical and historical elements of music and theatre.

Program Requirements:

The minor requires 24 hours (12 upper-division) in performance, history, theory and electives.

Students may transfer up to nine credit hours toward the minor.

Admission requirement: An audition is required for entrance into the minor and MUP 121 study. Audition criteria are determined by area faculty and will be similar to the MUP 111 and MUP 311 criteria found in the Audition Requirements section on this webpage (<https://music.asu.edu/admissions>).

Required Performance Courses -- 14 credit hours

MUP 121: Voice (2)

Notes: 2 semesters of MUP 121 are required

MUP 170: Music Theatre I (2)

MUP 172: Music Theatre II (2)

MUP 321: Voice (1)

MUP 360: Musicianship for Singers (1)

MUP 374: Technical Production I (Foundations) (1)

MUP 374: Technical Production II (Practicum) (1)

MUP 451: Music Theatre Repertoire (2)

MUP 467: Music Theatre Dance Technique (2)

Notes: 2 semesters of MUP 467 are required

Music History -- 3 credit hours

MUS 356: Broadway and the American Musical (HU) (3)

Music Theory -- 3 credit hours

MUS 100: Fundamentals of Music Notation or MTC 125: Basic Music Theory (3)

Students will take a theory diagnostic exam to determine placement in either MUS 100 or MTC 125.

Upper Division Music Elective -- 1 credit hours

MUP 321: Studio Instruction (1)

MUP 373: Music Theatre Performance and Production (1)

MUP 471: Audition Training (Musical Theatre) (1)

MUS 355: American Music (HU & C & H) (3)

THE 322: Theatre History and Culture (HU & H) (3)

Music Electives -- 3 credit hours

MUP 270: Music Theatre III (2)

MUP 272: Music Theatre IV (2)

MUP 321: Voice (1)

MUP 373: Music Theatre Performance and Production (1)

MUP 471: Audition Training (Musical Theatre) (1)

MUS 131: Bach to Bebop (HU) (3)

MUS 355: American Music (HU & C & H) (3)

THE 322: Theatre History and Culture (HU & H) (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: None

Incompatible Majors: BMUS in performance (music theatre)

Other Enrollment Requirements: An audition is required for entrance into the minor or BIS concentration and MUP 121 and MUP 170 study. Audition criteria are determined by area faculty.

Two songs (whole songs, not cuttings) total, to be performed with live piano accompaniment (accompanist provided, or students may choose to bring their own). Both songs must be from musicals, and they must contrast one another. One must demonstrate a "legitimate" style of singing utilizing legato line, and the other can be a contrasting style of your choosing (including pop, rock and belting).

Note: Students may elect to perform one classical selection (an art song or an aria from opera or oratorio) instead of two songs from musicals. The classical piece may be in English or in a foreign language. This could be in place of either piece.

- Monologue: One monologue from a musical or a play, not exceeding one minute in length, will be performed separately from the singing and dance audition.
- Dance Assessment: All applicants must perform a dance assessment separate from the singing audition. The purpose of the assessment is to gain a full picture of the complete musical theatre performer. Students should wear comfortable movement or dance attire and character shoes or shoes that are easy to move in. Students will be taught two brief combinations. There will be dressing rooms available in which to change before and after the dance audition. The dance and monologue audition will take place prior to the singing audition.

Advisors should not add the minor until the student presents an acceptance letter from the School of Music, Dance and Theatre Academic Affairs Office confirming that the student has successfully passed the audition.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure they take an appropriate set of courses. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major or the minor. Courses taken for the minor may not count toward both the major and minor. Students should contact their academic advisor for more information.

Contact Information:

Design & the Arts, Herberger Institute for
School of Music
<https://music.asu.edu/degree-programs/minors-certificates>
MUSIC E169
music@asu.edu
480-965-5069

Nonprofit Leadership and Management Minor (PPNLMMIN)

Campus: Downtown Phoenix

Description:

The minor in nonprofit leadership and management empowers students to positively impact the community in which they work. The nonprofit sector in the U.S. is unique in form and function, with more than 1.6 million organizations in the U.S.

The minor is ideal for students enrolled in other majors at ASU who wish to earn a minor that concentrates on the management of nonprofit organizations. Students from various disciplines such as business, communication, education, global studies, museum studies, nursing, public affairs, religious studies, social work, and sustainability find this program a beneficial supplement to their existing program as many find that their career pathways from their degree occur within nonprofit organization forms. Coursework in the minor introduces students to the knowledge and skills for successful professional careers with nonprofit, social sector organizations that exist to improve the quality of life of communities.

This program affords students the opportunity to start their pursuit of the National Certified Nonprofit Professional credential awarded through the Nonprofit Leadership Alliance (formerly American Humanics, Inc.): <https://www.nonprofitleadershipalliance.org/credential/> (<https://www.nonprofitleadershipalliance.org/credential/>). Students seeking more information about completing the CNP credential and requirements should refer to the school website.

Program Requirements:

The minor requires 18 credit hours: 12 credit hours of required core courses and six credit hours of elective courses.

Required Core Courses -- 12 credit hours

- NLM 220: Introduction to Nonprofit Organizations (3)
- NLM 300: Fund Raising and Resource Development (3)
- NLM 310: Volunteer Management (3)
- NLM 430: Managing Nonprofit Organizations (L) (3)

Elective Courses (choose six credit hours from either Block A or Block B)

Block A - choose this block if interested in the CNP credential -- 6 credit hours

Choosing Block A will help you earn the CNP credential. Please review NLM 320: Professional Development Seminar

(<https://www.certifiedtochangetheworld.org/> ><https://www.certifiedtochangetheworld.org/> for more information.

(4)

Notes: This seminar is one credit hour taken for four semesters.

NLM 420: Nonprofit Leadership Alliance Institute (2)

Notes: Offered fall semester only

Block B - choose two courses if interested in minor only, without CNP credential -- 6 credit hours

NLM 160: Voluntary Action and Community Leadership (SB) (3)

NLM 380: Financial Management for Nonprofit Organizations (3)

NLM 435: Service Learning for Community Development (3)

PRM 145: Special Events Management (3)

Standards

1. minimum grade of "C" (2.00 on a 4.00 scale) required for all courses in the minor.
2. 15 credit hours of graded classroom course work (no internship, no independent study).
3. students should be a junior to take 400-level classes.
4. no double counting of courses for both a major and the minor.

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: 2.00

Incompatible Majors: BS in nonprofit leadership and management

Students pursuing the nonprofit leadership and management bachelor's degree may earn the certified nonprofit professional credential along with their major upon successfully completing both curricular and cocurricular requirements. (Students should see an advisor for details.)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Public Service and Community Solutions, Watts College of

School of Community Resources and Development

<https://scrd.asu.edu>

UCENT 550

scrdadvising@asu.edu

602-496-0550

Nutrition and Healthy Living Minor (NUNHLMIN)

Campus: Downtown Phoenix

Description:

The nutrition and healthy living minor program provides students with a greater understanding of how nutrition contributes to healthy lifestyles and disease prevention.

Program Requirements:

The minor requires completion of a minimum of 18 nutrition credit hours. A grade of "C" (2.00 on a 4.00 scale) or better is required for each course in the minor.

Many courses in this minor require CHM 101 (or CHM 113) as a prerequisite. Please ensure all prerequisites are met when planning this minor.

Not all courses in the minor's electives are available to ASU Online students.

Required Courses -- 9 credit hours

NTR 100: Introduction to Nutrition Science or NTR 241: Human Nutrition (3)

NTR 341: Medical Nutrition Therapy I or NTR 345: Development of Healthy Cuisines (3)

NTR 450: Nutrition in the Life Cycle (SB) or HSC 355: Eating for Lifelong Health (SB) (3)

Upper-Division Electives (select three courses) -- 9 credit hours

NTR 320: History of Human Nutrition (3)

NTR 348: Cultural Aspects of Food (SB & C & G) (3)

NTR 350: Nutrition Counseling (3)

NTR 351: Nutrition Communication (L) (3)

NTR 353: Perspectives on the Western Diet: Food, Health and Sustainability (3)

NTR 444: Medical Nutrition Therapy II (3)

NTR 453: Nutrition and the Media (3)

NTR 457: Sports Nutrition (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: None

Incompatible Majors: BS in nutrition (dietetics); BS in nutrition; BS in health sciences (healthy lifestyles coaching); BAS in applied science (food service management)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Health Solutions, College of

College of Health Solutions

<https://chs.asu.edu/home>

HLTHN 401AA

chs@asu.edu

602-496-3300

Organizational Leadership Minor (LSORGLMIN)

Campus: Polytechnic, Online

Description:

The minor program in organizational leadership uses interdisciplinary methods that prepare students to become leaders in organizations. Students develop skills and knowledge that leaders need to solve problems, communicate effectively, assess programs, manage resources and use emerging technologies in organizations.

Graduates of the program are prepared for a range of positions in government, health care administration, nonprofit agencies and the service industry.

Program Requirements:

The minor in organizational leadership requires 18 credit hours, including a minimum of 12 upper-division credit hours.

Required Courses -- 9 credit hours

OGL 200: Introduction to Organizational Leadership (SB) (3)

OGL 340: Organizational Skills (6)

Notes: This course is taken two times.

Electives (choose three courses, including a minimum of six credit hours of upper-division) -- 9 credit hours

OGL 220: Behavioral Dynamics in Organizations (SB) (3)
OGL 260: Resource Allocation in Organizations (3)
OGL 300: Theory and Practice of Leadership (3)
OGL 320: Foundations of Project Management (3)
OGL 321: Project Leadership, Strategy and Scope (3)
OGL 340: Organizational Skills (3)
OGL 343: Social Processes in Organizations (SB) (3)
OGL 345: Organizational Ethics (HU) (3)
OGL 350: Diversity and Organizations (L & C) (3)
OGL 355: Leading Organizational Innovation and Change (3)
OGL 357: Assessment in Organizations (3)
OGL 360: Assessment of Leadership Effectiveness (3)
OGL 365: Organizational Contexts (SB) (3)

Any topics can be utilized for OGL 340 and OGL 365 courses. Students may enroll in up to 15 credit hours of OGL 340: Organizational Skills topics courses or OGL 365: Organizational Contexts topics courses to meet the requirements of the minor.

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: 2.00

Incompatible Majors: BAS in applied science (applied leadership); BA in organizational leadership; BA in organizational leadership (project management)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/request-info>)

Contact Information:

Integrative Sciences and Arts, College of
College of Integrative Sciences and Arts
<https://cisa.asu.edu>
USE 138
CISA@asu.edu
480-965-4464

Parks and Protected Area Management Minor (PPPRMMINT)

Campus: Downtown Phoenix

Description:

As the Southwest continues to develop and urbanize, the demands and pressures on public lands and natural resources continue to grow, and the interplay between society and natural resources is key to understanding modernity and continues to be at the center of policy issues and quality of life debates in the West.

The minor program in parks and protected area management introduces students to the role of parks and protected areas, with a focus on the unique issues faced by managers of urban-proximate natural areas.

The minor allows students enrolled in other undergraduate programs at ASU to broaden their educational experiences; students from such various disciplines as business, education, nursing, public affairs, social work and many others might find this program a beneficial supplement to their existing program.

Students interested in this parks and protected area management minor may also be interested in therapeutic recreation, available through the Academic Catalog Archive 2020-2021

parks and recreation management program.

Program Requirements:

Completion of a parks and protected area management minor in the School of Community Resources and Development requires the following:

Required Core Courses -- 12 credit hours

PRM 120: Leisure and the Quality of Life (SB) (3)

PRM 370: Public Lands Management (3)

Notes: Offered fall semester only

PRM 380: Wilderness and Parks in America (SB & H) (3)

TDM 480: Sustainable Tourism (3)

Elective Course (choose one) -- 3 credit hours

CRD 301: Sustainable Communities (3)

PRM 340: Outdoor Survival (3)

Notes: Offered fall semester only

PRM 470: Environmental Communication (3)

Notes: Offered spring semester only

TDM 448: Heritage and Cultural Tourism (3)

TDM 494: Special Topics (3)

Standards

1. 15 hours of graded classroom course work (no internship, no independent study)
2. 12 hours of course work at the upper-division level, from the approved list
3. minimum grade of "C" (2.00 on a 4.00 scale) required for all courses in the minor
4. no double counting of courses for a major and the minor
5. should be a junior to take 400-level courses

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: 2.00

Incompatible Majors: BS in parks and recreation management (all concentrations); BS in recreation therapy

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Public Service and Community Solutions, Watts College of

School of Community Resources and Development

<https://scrd.asu.edu/content/degree-programs>

UCENT 550

scrdadvising@asu.edu

602-496-0550

Personal Health Minor (NPHLMIN)

Campus: Downtown Phoenix, Online

Description:

The personal health minor allows students with academic interests that lie outside the realm of medical and health sciences to explore and learn the latest information related to healthy lifestyles, including the attainment and retention of a high quality of personal health. Students gain the knowledge and skills necessary to optimize their personal health and assume increased responsibility to move towards improved overall wellness. The program reflects the transdisciplinary nature of personal health by including courses from the nutrition, exercise and wellness, health sciences and health promotion areas.

Program Requirements:

A minimum grade of "C" (2.00 on a 4.00 scale) is required for all courses.

Required Courses -- 12 credit hours

EXW 325: Fitness for Life (3)

HEP 380: Body Image and Wellness (3)

HSC 355: Eating for Lifelong Health (SB) (3)

NTR 100: Introduction to Nutrition Science or NTR 241: Human Nutrition (3)

Elective Courses -- 6 credit hours

EXW 302: Fundamentals of Wellness (L) (3)

EXW 335: Physical Activity and Physiological Concepts (3)

EXW 400: Stress Management for Wellness (3)

HEP 350: Substance Abuse and Addictive Behavior (3)

HEP 443: Emotional Health and Interpersonal Relationships (3)

NTR 345: Development of Healthy Cuisines (3)

NTR 348: Cultural Aspects of Food (SB & C & G) (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: 2.00

Incompatible Majors: BS in nutrition (all concentrations); BS in exercise and wellness; BS in health education and health promotion; BS in health sciences (healthy lifestyles coaching)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/request-info>)

Contact Information:

Health Solutions, College of

College of Health Solutions

<https://chs.asu.edu/programs/personal-health>

HLTHN 401AA

chs@asu.edu

602-496-3300

Pharmacology and Toxicology Minor (ASPTXMIN)

Campus: West

Description:

A minor in pharmacology and toxicology provides students with biology and chemistry courses to help prepare them for upper-division courses focused on how chemicals (drugs and environmental toxicants) affect living organisms. Students learn to identify chemical characteristics leading to beneficial and adverse effects, describe how chemicals are evaluated for regulatory purposes, and summarize holistically how drugs and toxicants elicit their effects.

Relevant career paths include the pharmaceutical industry, regulatory fields such as environmental risk assessment, and graduate programs in public health, pharmacology, toxicology or environmental health sciences.

Program Requirements:

The minor in pharmacology and toxicology consists of 20 credit hours. A minimum of 12 credit hours must be upper-division. A minimum of nine credit hours must be taken through the School of Mathematical and Natural Sciences. All courses used to satisfy requirements for the minor must be passed with a "C" (2.00) or better.

Required -- 14 credit hours

BCH 371: Modern Concepts in Biochemistry (3)

BIO 182: General Biology II (SG) (4)

CHM 116: General Chemistry II (SQ) (4)

PTX 301: Basics of Pharmacology and Toxicology (3)

Electives -- 6 credit hours

PTX 401 / FOR 401: Forensic Toxicology (3)

PTX 432 / LSC 432: Fundamentals of Pharmacology (3)

PTX 475 / FOR 475 / LSC 475: Principles of Toxicology (3)

PTX 499: Individualized Instruction (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: 2.00

Incompatible Majors: BS in pharmacology and toxicology, BS in biology (pharmacology/toxicology)

Other Enrollment Requirements: The following prerequisite courses do not count toward the minor, but may be needed in order to complete the requirements of the minor:

BIO 181 General Biology I

BIO 353 Cell Biology

CHM 113 General Chemistry I

CHM 233 General Organic Chemistry I AND CHM 237 General Organic Chemistry Laboratory I

CHM 234 General Organic Chemistry II AND CHM 238 General Organic Chemistry Laboratory II

LSC 347 Fundamentals of Genetics

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor. Students should contact their academic advisor for more information.

Contact Information:

Interdisciplinary Arts & Sciences, New College of

School of Mathematical and Natural Sciences

<https://newcollege.asu.edu/programs/minor/pharmacology-and-toxicology>

FAB N100

mnsadvising@asu.edu

602-543-3000

Philosophy Minor (ASPHIMIN)

Campus: West

Description:

The minor program in philosophy provides students with an understanding of central philosophical issues, problems and ideas; a capacity for critical thinking and analytic reasoning; and the ability to present one's positions effectively through oral and written communication.

The program is offered by the School of Humanities, Arts and Cultural Studies.

Program Requirements:

The minor in philosophy consists of 18 credit hours (a minimum of 12 credit hours must be upper-division). A minimum of six credit hours must be

completed through courses offered by the School of Humanities, Arts, and Cultural Studies. Students pursuing this minor will work with an academic advisor to choose and complete six courses from the list below or from the PHI prefix. Credit hours may not be shared between major and minor requirements. All courses used to satisfy requirements for the minor must be passed with a "C" (2.00) or better.

Course List (minimum 12 upper-division credit hours) -- 18 credit hours

ENG 401: Topics in Critical Theory (3)
IAS 340 / PHI 320: Bioethics (HU) (3)
IAS 406 / PHI 406: Moral Dilemmas (L or HU) (3)
IAS 407 / PHI 407: Environmental Philosophy and Policy (L or HU) (3)
IAS 409 / PHI 409: Eco-Community Ethics (HU) (3)
IAS 410: Evolution of Ideas (L or HU) (3)
IAS 430: Science and Religion (L or HU) (3)
PHI 101: Introduction to Philosophy (HU) (3)
PHI 103: Principles of Sound Reasoning (L or HU) (3)
PHI 303 / REL 300: The Future of Religions (L or HU) (3)
PHI 304: Existentialism (HU) (3)
PHI 306: Applied Ethics (HU) (3)
PHI 311: Philosophy and Literature (HU) (3)
PHI 318: Philosophy of Religion (HU) (3)
PHI 339: Philosophy of Art (HU) (3)
PHI 360: Business and Professional Ethics (HU) (3)
PHI 408: Feminist Ethics (HU) (3)
PHI 411: Continental Philosophy (HU) (3)
PHI 412: Philosophy and Literary Criticism (HU) (3)
PHI 415: Philosophy and Film (HU) (3)
PHI 439: Philosophy of Love and Sex (3)
PHI 494 / REL 494: Issues in Death & Dying (3)
PHI 494 / REL 494: Special Topics (3)
PHI 499: Individualized Instruction or REL 499: Individualized Instruction (3)
REL 391: Historical Perspectives on Philosophy and Religion (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: None

Incompatible Majors: None

Other Enrollment Requirements: None

The minor in philosophy is open to all ASU undergraduate majors.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Humanities, Arts, and Cultural Studies
<https://newcollege.asu.edu/philosophy-minor>
FAB N100
harc sadvising@asu.edu
602-543-3000

Philosophy Minor (LAPHIMIN)

Campus: Tempe, Online

Description:

The minor in philosophy provides students with an understanding of philosophical inquiry and method. The program offers an introduction to central themes both in the history of philosophy and in the current literature. Students in this minor have the opportunity to sharpen their critical-reasoning skills while addressing profound questions regarding the nature of:

- existence
- knowledge
- law
- morality
- politics
- science

Program Requirements:

A minor in philosophy consists of 18 credit hours, of which at least 12 must be upper-division. At least six upper-division credit hours must be in courses offered by The College of Liberal Arts and Sciences. Each course must be completed with a minimum grade of "C" (2.00 on a 4.00 scale) or higher.

The minor in philosophy is also available to complement the studies of ASU Online students. Certain course selections below are offered as oCourses to accommodate ASU Online students.

Subdisciplinary Electives -- 18 credit hours

Subdisciplinary Elective (6)

Upper Division Subdisciplinary Elective (12)

Available subdisciplines are epistemology, ethics and political philosophy, history of philosophy, logic and metaphysics. Students choose courses from the philosophical subdiscipline lists, with no more than two courses from any single track. Courses in the "other" list cover multiple subdisciplines and students may apply these courses within the minor without limit. Students should consult with an academic advisor in the School of Historical, Philosophical and Religious Studies about a proposed selection of courses before enrolling.

Epistemology

PHI 313: Probability, Evidence, and Decision (3)

PHI 314: Philosophy of Science (HU) (3)

PHI 325: Philosophy of Social Science (HU or SB) (3)

PHI 330: Theory of Knowledge (HU) (3)

Ethics and Political Philosophy

PHI 105: Intro to Ethics (HU) (3)

PHI 107: Introduction to Philosophy of Sex and Love (HU) (3)

PHI 120: Introduction to Medical and Bioethics (HU) (3)

PHI 306: Applied Ethics (HU) (3)

PHI 307: Philosophy of Law (HU) (3)

PHI 310: Environmental Ethics (HU) (3)

PHI 320: Bioethics (HU) (3)

PHI 324: Existential Ethics (HU) (3)

PHI 326: Philosophy of Happiness (HU) (3)

PHI 335: History of Ethics (HU) (3)

PHI 336: Social and Political Philosophy (HU) (3)

PHI 337: Ethical Theory (HU) (3)

PHI 338: Metaethics (3)

PHI 347: Philosophical Theories of Constitutional Law (3)

PHI 360: Business and Professional Ethics (HU) (3)

PHI 370: Sports Ethics (HU) (3)

PHI 405: Moral Psychology (3)

PHI 406: Moral Dilemmas (L or HU) (3)

PHI 408: Feminist Ethics (HU) (3)

PHI 409: Eco-Community Ethics (HU) (3)

History of Philosophy

PHI 304: Existentialism (HU) (3)

PHI 328: History of Ancient Philosophy (HU & H) (3)

PHI 329: History of Modern Philosophy (HU & H) (3)

PHI 401: Rationalism (3)

PHI 402: Empiricism (HU) (3)

PHI 403: Contemporary Analytic Philosophy (HU) (3)

Logic

PHI 103: Principles of Sound Reasoning (L or HU) (3)

PHI 333: Symbolic Logic (3)

PHI 413: Advanced Symbolic Logic (3)

Metaphysics

PHI 318: Philosophy of Religion (HU) (3)

PHI 331: Philosophy of Language (HU) (3)

PHI 332: Metaphysics (HU) (3)

PHI 334: Philosophy of Mind (HU) (3)

Other

PHI 101: Introduction to Philosophy (HU) (3)

PHI 311: Philosophy and Literature (HU) (3)

PHI 319: Philosophy, Computing and Artificial Intelligence (CS) (3)

PHI 322: History and Philosophy of Sustainability (3)

PHI 339: Philosophy of Art (HU) (3)

PHI 390: Jewish Philosophy (3)

PHI 391: Historical Perspectives on Philosophy and Religion (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: None

Incompatible Majors: BA in philosophy; BA in philosophy (morality, politics and law)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/request-info>)

Contact Information:

Liberal Arts & Sciences, The College of
Historical, Philosophical & Religious Studies, Sch

<https://shprs.asu.edu/node/192>

COOR 3307

SHPRSadvising@asu.edu

480-965-8364

Physics Minor (LAPHYMIN)

Campus: Tempe

Description:

The physics minor provides students with the fundamental concepts of physics beyond the introductory level. Through rigorous hands-on experience, students deepen their understanding of foundational concepts and develop their analytical skills. Students can tailor the minor through upper-division electives to enhance their career outlook.

Program Requirements:

The minor in physics requires a minimum of 24 credit hours, at least 12 of which must be completed at the upper-division level. Each course must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher.

Required Courses -- 12 credit hours

PHY 121: University Physics I: Mechanics (SQ) AND PHY 122: University Physics Laboratory I (SQ) or PHY 150: Physics I (SQ) (4)
PHY 131: University Physics II: Electricity and Magnetism (SQ) AND PHY 132: University Physics Laboratory II (SQ) or PHY 151: Physics II (SQ) (4)
PHY 252: Physics III (SQ) (4)

Electives -- 12 credit hours

Choose one of the following options for the remaining required coursework. (12-15)

Option 1

PHY 361: Introductory Modern Physics (3)

PHY 333: Electronic Circuits and Measurements or PHY 334: Advanced Laboratory I (L) (3)

PHY 201: Mathematical Methods in Physics I (CS) (<https://webapp4.asu.edu/catalog/courselist?s=PHY&l=upperdivision&t=2207&hon=F>) > PHY Upper Division Elective (6)

Option 2

PHY 201 and PHY 302 are required.

(3)

PHY 302: Mathematical Methods in Physics II (3)

Select 9 additional credit hours (3 courses) from the below list.

PHY 310: Classical Particles, Fields, and Matter I (3)

PHY 311: Classical Particles, Fields, and Matter II (3)

PHY 314: Quantum Physics I (3)

PHY 315: Quantum Physics II (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: None

Incompatible Majors: BS in biophysics; BA and BS in physics; BS in physics (secondary education)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Liberal Arts & Sciences, The College of

Department of Physics

<https://physics.asu.edu/>

PSF 470

physics.undergrad@asu.edu

480-965-3561

Physics Minor (LSPHYMIN)

Campus: Polytechnic

Description:

The physics minor provides a rigorous foundation in physics with an emphasis on fundamental concepts and applied hands-on experience. The program broadens and deepens a student's understanding of the field and increases options for employment and graduate study.

The primary emphasis of the physics minor is to give students experience through applied and computational physics projects. The projects are guided by faculty with expertise in the physics of semiconductors and graphene, quantum nano-optics, laser physics and materials science.

The program is offered by the College of Integrative Sciences and Arts at the Polytechnic campus.

Program Requirements:

The minor in physics requires 23 credit hours, including a minimum of 12 credit hours of upper-division. A minimum of six upper-division credit hours must be taken in courses offered by the College of Integrative Sciences and Arts. A grade of "C" (2.00 on a 4.00 scale) or better is required in all courses.

Required Courses -- 17 credit hours

PHY 121: University Physics I: Mechanics (SQ) (3)
PHY 122: University Physics Laboratory I (SQ) (1)
PHY 131: University Physics II: Electricity and Magnetism (SQ) (3)
PHY 132: University Physics Laboratory II (SQ) (1)
PHY 314: Quantum Physics I (3)
PHY 361: Introductory Modern Physics (3)
PHY 499: Individualized Instruction (3)

Elective Courses (choose two) -- 6 credit hours

PHY 201: Mathematical Methods in Physics I (CS) (3)
PHY 302: Mathematical Methods in Physics II (3)
PHY 321: Vector Mechanics and Vibration (3)
PHY 331: Principles of Modern Electromagnetism (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: 2.00 or higher

Incompatible Majors: BA or BS in physics

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Integrative Sciences and Arts, College of
College of Integrative Sciences and Arts
<https://cisa.asu.edu>
SANCA 233
CISA@asu.edu
480-727-1526

Political Science Minor (ASPOLMIN)

Campus: West

Description:

The minor program in political science, offered by the School of Social and Behavioral Sciences, is designed to help students gain an understanding of theory, practice and policy underlying local, national and international political processes and to train students with the research skills necessary for the analysis of complex sociopolitical issues locally and globally.

The program strives to meet these goals by offering students learner-centered coursework in political theory, American political institutions, and international relations and world affairs. These goals are accomplished by offering a flexible program of coursework focusing on international urban, race or ethnic sociopolitical areas, internships and service-learning or action research opportunities. Under the direction of faculty, students focus on intellectual and concrete policy issues in the greater Phoenix metropolitan area, Arizona, the Arizona-Mexico borderlands, the Americas and the world.

Program Requirements:

The minor in political science consists of 18 credit hours, requiring a minimum of 12 upper-division credit hours. A minimum of six upper-division credit hours must be completed through courses offered by the School of Social and Behavioral Sciences. A maximum of three credit hours of internship and three credit hours of individualized instruction may be used to fulfill requirements. Students wishing to pursue the minor must meet with an academic advisor to construct a set of courses that reflect a particular area of specialty and interest. All courses used to satisfy requirements for the minor must be passed with a "C" (2.00) or better.

Required Courses (choose two) -- 6 credit hours

POS 110: American Government and Politics (SB) or POS 310: American National Government (SB) (3)

POS 150: Comparative Government (SB & G) (3)

POS 160: Global Politics (SB & G) (3)

POS 210: Political Ideologies (SB) (3)

Electives -- 12 credit hours

POS Upper Division Elective (12)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: None

Incompatible Majors: BA or BS in political science

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Social and Behavioral Sciences

<https://newcollege.asu.edu/political-science-minor>

FAB N100

sbsadvising@asu.edu

602-543-3000

Political Science Minor (LAPOSMIN)

Campus: Tempe, Online

Description:

The minor program in political science offers students exposure to the skills and knowledge that help them participate effectively as citizens in a democratic political system and flourish in the rapidly developing globalization of the world's political institutions, cultures and economies. The program provides students with an introduction to the tools and skills necessary to link theory with real-world problems and issues.

Program Requirements:

The minor in political science consists of 18 credit hours, of which 12 credit hours must be upper-division. A minimum of six upper-division credit hours must be taken in courses offered by The College of Liberal Arts and Sciences. Only courses completed with a grade of "C" (2.00 on a scale of 4.00) or better can be used to satisfy minor requirements.

Required Courses (choose two) -- 6 credit hours

POS 110: American Government and Politics (SB) or POS 310: American National Government (SB) (3)

POS 150: Comparative Government (SB & G) (3)

POS 160: Global Politics (SB & G) (3)

POS 210: Political Ideologies (SB) (3)

Electives -- 12 credit hours

POS Upper Division Elective (12)

No more than three credit hours of POS 484 Internship and three credit hours of POS 499 Individualized Instruction may be applied to the minor. Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: None

Incompatible Majors: BA and BS in political science

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/request-info>)

Contact Information:

Liberal Arts & Sciences, The College of

School of Politics and Global Studies

<https://spgs.asu.edu/>

COOR 6797

spgs-ugadvising@asu.edu

480-965-8563

Project Management Minor (LSPROMAMIN)

Campus: Polytechnic, Tempe, Online

Description:

The minor program in project management prepares students to manage complex projects and lead project management teams in a variety of professional settings. The project management minor complements many majors at ASU because project management skills enhance and enrich the skills students acquire from a great variety of majors.

Students learn the skills needed to manage complex projects in fields like engineering, business, health care, information technology, sustainability, computing, public and nonprofit sectors and many more. Students learn skills in project leadership, project quality management, project risk management, project schedule management, project cost management and project resource management.

Program Requirements:

The minor in project management requires 18 credit hours, including a minimum of 12 upper-division credit hours.

Required Core Courses -- 6 credit hours

OGL 320: Foundations of Project Management (3)

OGL 321: Project Leadership, Strategy and Scope (3)

Elective Courses (choose four) -- 12 credit hours

OGL 322: Project Time Management (3)

OGL 323: Project Cost Management (3)

OGL 324: Resources in Project Management (3)

OGL 326: Project Procurement Management (3)

OGL 421: Project Risk Management (3)

OGL 422: Project Quality Management (3)

Please note: OGL 320 is needed as a prerequisite for all 300 level minor courses and OGL 321 is required for all 400 level minor courses.

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: 2.00 (university minimum)

Incompatible Majors: BA in organizational leadership (project management)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor. Students should contact their academic advisor for more information.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu>)

Contact Information:

Integrative Sciences and Arts, College of

College of Integrative Sciences and Arts

<https://cisa.asu.edu/>

USE 138

cisa@asu.edu

480-965-4464

Psychology Minor (ASPGSMIN)

Campus: West, Online

Description:

The minor program in psychology provides students the opportunity to study the scientific nature of the behavior and mental processes of individuals and groups.

The study of psychology includes basic and applied courses in the subfields of clinical, developmental, organizational, cross-cultural and social psychology, cognitive systems and behavioral neuroscience, and this program emphasizes the development of wide-ranging skills in critical thinking and reasoning, quantitative and qualitative research methods, working collaboratively on teams and presentation of information in oral and written form.

The psychology minor prepares students for more advanced study in psychology at the graduate level, in either graduate or professional schools.

Program Requirements:

The minor in psychology consists of 22 credit hours (a minimum of 12 credit hours must be upper division). A minimum of six credit hours must be taken from the School of Social and Behavioral Sciences. A maximum of three credit hours of research (PSY 399 Supervised Research and PSY 499 Individualized Instruction) may be used to fulfill minor requirements. PSY 484 Internship may be taken for elective credit only. All courses used to satisfy requirements for the minor must be passed with a "C" (2.00) or better.

Foundations of Psychological Science -- 10 credit hours

PSY 101: Introduction to Psychology (SB) (3)

PSY 230: Introduction to Statistics (CS) (3)

PSY 290: Research Methods (L or SG) (4)

Social/Developmental Core (select one course) -- 3 credit hours

PSY 315: Personality Theory and Research (SB) (3)

PSY 341: Developmental Psychology (SB) (3)

PSY 350: Social Psychology (SB) (3)

Neuroscience Core

Neuroscience Core Group 1 (select one course) -- 3 credit hours

PSY 320: Learning and Motivation (3)

PSY 323: Sensation and Perception (3)

PSY 324: Memory and Cognition (3)
PSY 325: Physiological Psychology (3)

Neuroscience Core Group 2 (select one course) -- 3 credit hours

PSY 320: Learning and Motivation (3)
PSY 323: Sensation and Perception (3)
PSY 324: Memory and Cognition (3)
PSY 325: Physiological Psychology (3)
PSY 330: Statistical Methods (CS) (3)
PSY 369: Biology of Human Sexuality (3)
PSY 470: Psychopharmacology (3)

Upper Division Psychology Elective Course -- 3 credit hours
PSY Upper Division Elective (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: None

Incompatible Majors: BA and BS in psychology (including all concentrations)

Other Enrollment Requirements: None

The minor in psychology is open to all ASU undergraduate majors.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/minors/psychology>)

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Social and Behavioral Sciences
<https://newcollege.asu.edu/psychology-minor>
FAB N100
sbsadvising@asu.edu
602-543-3000

Psychology Minor (LAPGSMIN)

Campus: Tempe

Description:

The minor program in psychology focuses on appreciating and understanding the human condition from a scientific, psychological point of view.

Students who complete the minor in psychology possess a breadth of knowledge across many areas of psychology. They are able to use basic research and quantitative methods to gather and synthesize psychological findings. Ultimately, they come to understand the relevance and applicability of psychological principles, approaches and findings to individual, group and social issues. In doing so, they are prepared to pursue productive careers and engage on a daily basis with the increasingly complex, information-rich world.

Program Requirements:

The minor in psychology consists of completing 22 credit hours of coursework in the foundations of psychology and the breadth within psychology categories described below. 12 credit hours must be completed at the upper-division level, of which at least six credit hours must be completed in courses offered by The College of Liberal Arts and Sciences Department of Psychology. All courses for the minor must be completed with a grade of "C" (2.00 on a 4.00 scale) or better.

Required Courses -- 10 credit hours

PSY 101: Introduction to Psychology (SB) (3)

PSY 230: Introduction to Statistics (CS) (3)

PSY 290: Research Methods (L or SG) (4)

Minor Electives -- 12 credit hours

Take one course each from four of the following five breadth areas: Biological, Personality/Mental Health, Cognitive/Learning, Developmental, and Social.

Breadth Area Elective (12)

Biological Breadth

PSY 325: Physiological Psychology (3)

Cognitive/Learning Breadth

PSY 320: Learning and Motivation (3)

PSY 323: Sensation and Perception (3)

PSY 324: Memory and Cognition (3)

Developmental Breadth

PSY 341: Developmental Psychology (SB) (3)

Personality/Mental Health Breadth

PSY 315: Personality Theory and Research (SB) (3)

PSY 366: Abnormal Psychology (SB) (3)

Social Breadth

PSY 350: Social Psychology (SB) (3)

PSY 351: Honors Social Psychology (L or SB) (3)

If a non-psychology statistics course is approved by the psychology department to substitute for PSY 230 Introduction to Statistics, an additional psychology course must be taken to complete the 22 credit hours of required psychology course work. Internship credit, research credit, and teaching assistant credit may not be used to satisfy this requirement. For more information, please contact a psychology advisor.

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: None

Incompatible Majors: BA and BS in psychology (including all concentrations)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Liberal Arts & Sciences, The College of

Department of Psychology

<https://psychology.asu.edu/content/psychology-1>

PSY 202

psych.advisor@asu.edu

480-965-7258

Psychology Minor (LSPGSMIN)

Campus: Polytechnic

Description:

Psychology is the scientific study of mind and behavior. The program for the psychology minor emphasizes the development of wide-ranging skills in critical thinking and reasoning, research methods, working collaboratively on teams and presenting information in oral and written form. The psychology minor adds value to students' major degrees through knowledge of concepts, theories and empirical research in mental processes and behavior.

Program Requirements:

This minor requires 22 credit hours. At least six credit hours must be taken from courses offered by the College of Integrative Sciences and Arts.

Required Courses -- 10 credit hours

PSY 101: Introduction to Psychology (SB) (3)

PSY 230: Introduction to Statistics (CS) (3)

PSY 290: Research Methods (L or SG) (4)

Elective Courses (choose four) -- 12 credit hours

PSY 304: Effective Thinking (L) (3)

PSY 306: Environmental Psychology (SB) (3)

PSY 315: Personality Theory and Research (SB) (3)

PSY 320: Learning and Motivation (3)

PSY 323: Sensation and Perception (3)

PSY 324: Memory and Cognition (3)

PSY 341: Developmental Psychology (SB) (3)

PSY 350: Social Psychology (SB) (3)

PSY 366: Abnormal Psychology (SB) (3)

PSY 369: Biology of Human Sexuality (3)

PSY 385: Psychology of Gender (SB) (3)

PSY 425: Biological Bases of Behavior (L) (3)

PSY 430: Industrial Psychology (3)

PSY 444: Adolescent Psychology and Psychopathology (3)

PSY 447: Psychology of Aging (SB) (3)

PSY 453: Organizational Behavior (SB) (3)

PSY 470: Psychopharmacology (3)

PSY 472: Clinical Psychology (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: 2.00

Incompatible Majors: BA or BS in psychology

Other Enrollment Requirements: None

Please note that the department does not offer any iCourse or oCourse sections for this minor.

The minor in psychology is open to all ASU undergraduate majors.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to determine if the minor is consistent with their educational goals, to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Integrative Sciences and Arts, College of

College of Integrative Sciences and Arts

<https://cisa.asu.edu>

SANCA 233

CISA@asu.edu

480-727-1526

Public Relations and Strategic Communications Minor (HSPRSMIN)

Campus: West

Description:

The minor program in public relations and strategic communications provides students with professional and academic expertise in areas as diverse as persuasion and campaign communications, public relations, crisis communications, special-events planning, marketing, and professional writing and editing. Additionally, students refine the presentation skills needed for public and community relations.

Program Requirements:

The minor in public relations and strategic communications consists of 18 credit hours (a minimum of 12 must be upper-division). All courses used to satisfy requirements for the minor must be passed with a "C" (2.00) or better. Credit hours may not be shared between major and minor requirements. A minimum of six upper-division credit hours must be completed through courses offered by the School of Social and Behavioral Sciences. Electives not on course list must be approved by an academic advisor prior to enrollment.

Required Core Courses (choose three) -- 9 credit hours

COM 319: Persuasion and Social Influence (SB) (3)

COM 320: Communication and Consumerism (SB) (3)

COM 353: Professional Communication (3)

COM 454: Rhetorical and Critical Approaches to Public Relations (3)

Electives (choose three) -- 9 credit hours

ASB 374 / POS 374 / SBS 374 / SOC 374: Cultures and Politics of the Internet (SB) (3)

COM 259: Communication in Business and the Professions (3)

COM 319: Persuasion and Social Influence (SB) (3)

COM 320: Communication and Consumerism (SB) (3)

COM 353: Professional Communication (3)

COM 414: Crisis Communication (3)

COM 429: Semiotics and Visual Communication (3)

COM 450: Organizational Communication (SB) (3)

COM 454: Rhetorical and Critical Approaches to Public Relations (3)

COM 457: New Media (3)

COM 459: Theory and Methods of Social Media Networks (3)

COM 484: Internship (3)

ENG 301: Writing for the Professions (L) (3)

ENG 311: Persuasive Writing (L) (3)

ENG 410: Writing for Publication (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: None

Incompatible Majors: None

Other Enrollment Requirements: None

The minor in public relations and strategic communications is open to all ASU undergraduate majors.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Social and Behavioral Sciences

<https://newcollege.asu.edu/public-relations-and-strategic-communications-minor>

FAB N100
sbsadvising@asu.edu
602-543-3000

Public Service and Public Policy Minor (PPPAFMIN)

Campus: Downtown Phoenix

Description:

The minor program in public service and public policy prepares students for work in government at all levels and in nonprofit organizations through comprehensive coverage of topics in public policy, public leadership and management, and urban studies. Students discover the challenges of management, learn how to lead a public organization, and understand the process of policy development.

The minor allows students enrolled in other undergraduate programs at ASU to broaden their educational experiences. The program has an applied and professional focus which can enhance many other majors, enabling students to be more competitive when seeking a public sector job.

Program Requirements:

The minor in public service and public policy requires 18 credit hours.

Required Courses -- 9 credit hours

PAF 200: Public Service and Policy in the 21st Century (3)

PAF 300: Public Management and Administration (3)

PAF 340: Contemporary Policy Challenges (3)

Electives (select three courses) -- 9 credit hours

PAF 201: Economics and Public Policy (SB) (3)

PAF 305: Urban Governance (3)

PAF 351: Urban and Metropolitan Studies (3)

PAF 410: Building Leadership Skills (SB) (3)

PAF 420: Public Leadership (3)

PAF 470: Topics in Public Economics and Financial Management (3)

PAF 471: Public Policy Analysis (3)

A minimum of 12 credit hours must be taken in the School of Public Affairs at ASU.

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: 2.00

Incompatible Majors: BS in public service and public policy (all concentrations)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Public Service and Community Solutions, Watts College of
School of Public Affairs

<https://spa.asu.edu/undergradminors>

UCENT 400

spa@asu.edu

602-496-0450

Real Estate Minor (BAREAMIN)

Campus: Tempe

Description:

The real estate minor program is designed to provide an understanding of the real estate industry and to complement the major area of study.

It consists of a strong foundation that includes real estate fundamentals, law, appraisal and land development. Students may choose from a variety of courses such as investing, economics and urban issues to complement the foundation.

Students who complete the minor will have established a competitive knowledge base for careers in the real estate industry.

Program Requirements:

Students must complete a minimum of 18 credit hours, including 12 hours of required courses and six credit hours of electives.

Students must complete a minimum of 12 hours of resident credit for the minor. All courses must be completed with a grade of "C" (2.00) or better.

The upper-division courses for this minor are restricted to students with at least 56 earned credit hours, a minimum 2.50 ASU GPA and completed course prerequisites.

Required Courses -- 12 credit hours

REA 380: Real Estate Fundamentals (3)

REA 401: Real Estate Appraisal (3)

REA 411: Real Estate Law (3)

REA 456: Real Estate Investments (3)

Elective Courses (choose two) -- 6 credit hours

ACC 340: External Reporting I (3)

ACC 350: Internal Reporting (3)

ACC 444: Enterprise Process Analysis and Design (3)

AGB 250: Economics of Resource Allocation: Food and Agriculture (3)

AGB 333: Agribusiness Finance (3)

AGB 452: Global Food and Agricultural Trade (3)

BUS 434: Business Risk Management (3)

CEE 300: Engineering Business Practice (L) (3)

CIS 308: Advanced Excel in Business (3)

CIS 309: Business Process Management (3)

CIS 311: Business Project Management (3)

CIS 405: Business Intelligence (3)

CON 457: Principles of Leadership for Project Managers (3)

DSC 394: Design Entrepreneurship & Society (3)

DSC 494: Economics of Building Design (3)

ECN 315: Money & Banking (3)

EDS 301: Sustainable Community Design and Practices (3)

ENT 360: Entrepreneurship and Value Creation (3)

ENT 440: Entrepreneurship (3)

FIN 331: Financial Markets and Institutions (3)

GCU 357: Social Geography (SB) (3)

GCU 361: Urban Geography (SB) (3)

GPH 381: Geography of Natural Resources (G) (3)

LDE 363: Landscape Planting Design (3)

MGT 400: Cross-Cultural Management (C & G) (3)

MGT 411: Leading Organizations (3)

MGT 430: Negotiations (3)

MKT 370: Professional Sales and Relationship Management (3)

MKT 390: Essentials of Marketing (3)

MKT 391: Essentials of Selling (3)

MKT 396: Essentials of Services Marketing (3)

MKT 410: Sales Management (3)

MKT 452: Business-to-Business Marketing Strategy (3)

PUP 301: Introduction to Urban Planning (L) (3)

PUP 410: Public Participation in Planning (3)

PUP 432: Planning and Development Control Law (3)

PUP 452: Ethics and Theory in Planning (L) (3)

PUP 465: Sustainable Urbanism (3)

PUP 494: Environment, Justice & Cities (3)

REA 441: Real Estate Land Development (3)

SCM 314: Analytics for Logistics (3)

SCM 315: Business Decision Models (3)
SCM 344: Applied Logistics Management (3)
SCM 354: Procurement of Services (3)
SCM 385: Business and Sustainability I (3)
SCM 455: Research and Negotiation (3)
SCM 463: Global Supply Chain Management (G) (3)
SOS 300: Advanced Concepts and Integrated Approaches in Sustainability (3)
SOS 310: Equity, Justice and Sustainability (3)
SOS 311: Future Thinking and Strategies (3)
SOS 320: Society and Sustainability (L or SB) (3)
SOS 321: Policy and Governance in Sustainable Systems (3)
SOS 323: Sustainable Urban Dynamics (3)
SOS 325: The Economics of Sustainability (3)
SOS 328: Sustainability and Enterprise (3)
SOS 385: Business and Sustainability I (3)
SOS 465: Sustainable Urbanism (3)
URB 300: Urban and Metropolitan Studies (3)
URB 305: Urban Governance (3)
URB 405: Citizen Engagement and Community Building (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: 2.00 minimum

Incompatible Majors: None

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Business, W. P. Carey School of
Department of Finance
<https://wpcarey.asu.edu/undergraduate-degrees/real-estate-minor>
BA 160
wpcareyug@asu.edu
480-965-4227

Recreation Management Minor (PPRECMIN)

Campus: Downtown Phoenix

Description:

The minor program in recreation management introduces students to community recreation programming and planning for a variety of populations.

The minor allows students enrolled in other undergraduate programs at ASU to broaden their educational experiences. Students from such various disciplines as business, education, nursing, public affairs, social work and many others might find this program a beneficial supplement to their existing program.

Program Requirements:

The recreation management minor requires completion of 15 credit hours: six credit hours of required courses and nine credit hours of elective courses.

Required Core Courses -- 6 credit hours

PRM 120: Leisure and the Quality of Life (SB) (3)

PRM 203: Program Planning (3)

Electives (select three courses) -- 9 credit hours

CRD 302: Inclusive Community Development (SB & C) (3)

PRM 304: Recreation Planning and Facility Development (L) (3)

Notes: Offered fall semester only

PRM 315: Community Recreation Systems (3)

Notes: Offered fall semester only

PRM 335: Sports and Recreation for Youth Development (3)

Notes: Offered spring semester only

PRM 364: Foundations of Recreation Therapy (SB) (3)

PRM 475: Entrepreneurial Recreation and Tourism (3)

PRM 453: Inclusive and Adaptive Sports and Recreation (3)

PRM 494: Special Topics (3)

Standards

1. 15 hours of graded classroom course work
2. minimum "C" (2.00 on a 4.00 scale) grade required for all courses in the minor
3. should be a junior to take 400-level courses
4. no double counting of courses for a major and the minor

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: 2.00

Incompatible Majors: BS in parks and recreation management; BS in recreation therapy; BS in parks and recreation management (therapeutic recreation)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor.

Contact Information:

Public Service and Community Solutions, Watts College of

School of Community Resources and Development

<https://scrd.asu.edu/content/degree-programs>

UCENT 550

scrdadvising@asu.edu

602-496-0550

Recreation Therapy Minor (PPRECTMIN)

Campus: Downtown Phoenix

Description:

A minor in recreational therapy exposes students to the field of therapeutic recreation. Students develop the knowledge to assess individuals, develop service plans, implement therapeutic interventions, and evaluate and document outcomes of care, supporting the wellness of their communities through therapeutic recreation.

Completion of the minor provides students with a portion of the requirements needed for eligibility to take the national certification exam through the National Council for Therapeutic Recreation Certification: <https://nctrc.org/about-certification/ctrs-the-qualified-provider/> (<https://nctrc.org/about-certification/ctrs-the-qualified-provider/>).

Program Requirements:

The recreational therapy minor requires completion of 18 credit hours: 12 credit hours of required courses and six credit hours of elective courses.

PRM 400, PRM 406, PRM 440 and PRM 450 are offered in spring semester only.

PRM 453 and PRM 460 are offered in fall semester only.

Core Courses -- 12 credit hours

PRM 364: Foundations of Recreation Therapy (SB) (3)

PRM 400: Intervention Techniques in Recreation Therapy (3)

PRM 406: Program Design and Administration in Recreation Therapy (3)

PRM 460: Assessment & Documentation in Recreation Therapy (3)

Therapeutic Recreation Electives (choose two courses) -- 6 credit hours

For students seeking the national credential in therapeutic recreation, select two courses from PRM 413, 440, 450 or 455.

PRM 413: Leadership and Professional Development in Recreation Therapy (3)

PRM 440: Advocacy in Therapeutic Recreation (3)

PRM 450: Therapeutic Recreation and Community Health (3)

PRM 453: Inclusive and Adaptive Sports and Recreation (3)

PRM 455: Recreational Therapy with Children, Youth and Families (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: 2.50

Incompatible Majors: BS in recreation therapy; BS in parks and recreation management (therapeutic recreation)

Other Enrollment Requirements: none

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Public Service and Community Solutions, Watts College of

School of Community Resources and Development

<https://scrd.asu.edu/content/therapeutic-recreation>

UCENT 550

scrdadvising@asu.edu

602-496-0550

Religious Studies Minor (ASRELMIN)

Campus: West

Description:

The minor program in religious studies introduces students to the world's religious traditions and how these are used by humans to interpret experiences and find meaning. Students learn to think critically about religious worldviews and presuppositions and to explore the relation to contemporary challenges in the world.

Program Requirements:

The minor in religious studies consists of 18 credit hours, including a minimum of 12 upper-division credit hours. All courses used to satisfy requirements for the minor must be passed with a "C" (2.00) or better. A minimum of six upper-division credit hours must be completed through courses offered by the School of Humanities, Arts, and Cultural Studies. Coursework taken to fulfill the requirements of the minor may not be used to fulfill requirements for your major. Consult with an academic advisor prior to enrollment.

Select 6 courses (minimum 12 upper-division credit hours) -- 18 credit hours

IAS 430: Science and Religion (L or HU) (3)

PHI 303 / REL 300: The Future of Religions (L or HU) (3)

PHI 318: Philosophy of Religion (HU) (3)

PHI 494 / REL 494: Issues in Death & Dying (3)

PHI 494: Special Topics (3)

REL 100: Religions of the World (HU & G) (3)
REL 200: Exploring the World's Religions ((L or HU) & G) (3)
REL 201: Religion and the Modern World (L or HU) (3)
REL 202: Religion and Popular Culture (HU & C) (3)
REL 203: Saints and Sinners: Explorations in Sacred Biography (HU & H) (3)
REL 205: Life, Sex and Death (HU) (3)
REL 207: Ritual, Symbol, and Myth (L or HU) (3)
REL 310: Western Religious Traditions (HU & H) (3)
REL 320: American Religious Traditions (HU & C & H) (3)
REL 321: Religion in America ((L or HU) & C & H) (3)
REL 345: Asian Religious Traditions (HU & G) (3)
REL 381: Religion and Moral Issues (L or HU) (3)
REL 390 / WST 390: Women, Gender and Religion (HU & G) (3)
REL 391: Historical Perspectives on Philosophy and Religion (3)
REL 401: Sacred Scriptures and Social Choices (HU & G) (3)
REL 494: Special Topics (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: None

Incompatible Majors: None

Other Enrollment Requirements: None

The minor in religious studies is open to all ASU undergraduate majors.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Humanities, Arts, and Cultural Studies
<https://newcollege.asu.edu/religious-studies-minor>
FAB N100
harcadvising@asu.edu
602-543-3000

Religious Studies Minor (LARELMIN)

Campus: Tempe, Online

Description:

The minor in religious studies encourages students to engage in a comparative, cross-cultural exploration of religions and cultures that complements a variety of undergraduate majors while promoting a deeper understanding of human nature and interaction.

Students may pursue the minor in religious studies with regional, national, hemispheric, global and a variety of thematic emphases.

Program Requirements:

The minor in religious studies consists of 18 credit hours, at least 12 of which must be completed at the upper-division level. At least six upper-division hours must be in courses offered by The College of Liberal Arts and Sciences. All courses must be passed with a grade of "C" (2.00 on a 4.00 scale) or higher.

Required Course -- 3 credit hours

REL 101: Religion, Culture and Public Life ((L or HU) & G) (3)

Electives -- 15 credit hours
REL Elective (3)
REL Upper Division Elective (12)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: None

Incompatible Majors: BA in religious studies; BA in religious studies (religion, culture and public life); BA in religious studies (religion, politics and global affairs)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/request-info>)

Contact Information:

Liberal Arts & Sciences, The College of
Historical, Philosophical & Religious Studies, Sch
<https://shprs.asu.edu/content/religious-studies>
COOR 3307
SHPRSadvising@asu.edu
480-965-8364

Romanian Minor (LAROMMIN)

Campus: Tempe

Description:

The Romanian minor program provides students with the means to develop their interests in social, cultural and political matters while advancing their Romanian language skills.

Program Requirements:

The Romanian minor consists of 18 credit hours of ROM courses beyond ROM 201. This minor is structured so that it requires all ROM courses to be at the upper-division level (300 and above). A minimum of six credit hours must be completed in residence at ASU. All courses must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher.

Required Courses -- 18 credit hours

ROM 313: Romanian Composition and Conversation (3)
ROM 314: Romanian Composition and Conversation (3)
ROM 411: Advanced Spoken and Written Romanian I (3)
ROM 412: Advanced Spoken and Written Romanian II (3)
ROM 442: Dracula and Vampire Lore (HU) (3)
ROM 494: Advanced Romanian Grammar I or ROM 494: Advanced Romanian Grammar II (3)

Course substitutions are permitted for heritage speakers and other advanced speakers of Romanian.

ROM 101 through 201 are not applicable to the minor.

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: 2.00

Incompatible Majors: None

Other Enrollment Requirements: None

Students who wish to add a minor in Romanian to the bachelor's degree program they are pursuing may do so by contacting the School of International Letters and Cultures advising office.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Liberal Arts & Sciences, The College of
School of International Letters and Cultures
<https://silc.asu.edu/degrees/undergrad/minor-certs>
LL 440
silcadvising@asu.edu
480-965-6281

Russian Minor (LARUSMIN)

Campus: Tempe

Description:

Students pursuing a minor in Russian gain novice to intermediate language skills and an understanding of the literature and cultures of Russian-speaking peoples and regions. Despite the fall of the Soviet Union, Russia has remained an active player in world affairs. Russia's continued presence on the current international stage makes knowledge of Russian language and culture a valuable asset for students interested in government, diplomacy and international affairs and commerce.

The Russian language program cooperates with the Melikian Center to offer a transdisciplinary baccalaureate certificate in Russian, Eurasian and East European studies for students in agribusiness, anthropology, architecture, economics, geography, history, political science, religious studies, Russian, sociology and women's studies.

Students are encouraged to study abroad. The ASU exchange program in Russian language and translation offers students the opportunity to study in Moscow, St. Petersburg or Kazan.

Program Requirements:

The Russian minor consists of 18 credit hours, of which at least 12 credit hours must be upper-division. All courses must be completed with a grade of "C" (2.00 on a 4.00 scale) or better.

Core Requirements -- 6 credit hours

RUS 311: Russian Composition and Conversation I (G) (3)

RUS 312: Russian Composition and Conversation II (G) (3)

Literature Course (choose one) -- 3 credit hours

RUS 322: Scandals and Scoundrels: The Nineteenth-Century Russian Novel (L or HU) (3)

RUS 323: Russian Literature and Revolution: The Twentieth Century ((L or HU) & G) (3)

RUS 421: Pushkin (L or HU) (3)

RUS 425 / THE 425: Chekhov and Russian Drama (L or HU) (3)

RUS 430: Russian Short Story (L or HU) (3)

RUS 439 / SLC 439: Art in Exile: Vladímir Vladímirovich Nabokov (L or HU) (3)

Electives (choose three) -- 9 credit hours

At least one course must be completed at the upper-division level.

RUS 141: Russian Civilization: From Tsars to Putin ((L or HU) & G & H) (3)

RUS 211: Basic Russian Conversation I (G) (3)

RUS 212: Basic Russian Conversation II (G) (3)

RUS 322: Scandals and Scoundrels: The Nineteenth-Century Russian Novel (L or HU) (3)

RUS 323: Russian Literature and Revolution: The Twentieth Century ((L or HU) & G) (3)
RUS 411: Advanced Composition and Conversation I (G) (3)
RUS 412: Advanced Composition and Conversation II (G) (3)
RUS 421: Pushkin (L or HU) (3)
RUS 430: Russian Short Story (L or HU) (3)
RUS 439 / SLC 439: Art in Exile: Vladímir Vladímirovich Nabokov (L or HU) (3)
RUS 440: Russian Mass Media (G) (3)
RUS 484: Internship (1)
RUS 493: Honors Thesis (L) (3)
SLV 304: Digital Humanities for Language Majors (CS) (3)
SLV 440: History of Slavic Languages (SB) (3)
SLV 484: Internship (3)
SLV 493: Honors Thesis (L) (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: 2.00

Incompatible Majors: BA in Russian

Other Enrollment Requirements: None

Students who wish to add a minor in Russian may do so by contacting the School of International Letters and Cultures advising office.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Liberal Arts & Sciences, The College of
School of International Letters and Cultures
<https://silc.asu.edu/degrees/undergrad/minor-certs>
LL 440
silcadvising@asu.edu
480-965-6281

Science, Technology and Society Minor (ECSTSMIN)

Campus: Polytechnic

Description:

The science, technology and society minor is offered to students outside the science, technology and society major, regardless of a student's major field of specialization.

Living in a 21st-century world is characterized by rapid technological change and uncertainty. Mastering the intricacies of the interrelationships between technology and human systems enhances a degree in any area and provides graduates with the insights and skills required for success in any endeavor.

Program Requirements:

The minor in science, technology and society requires 18 credit hours, including a minimum of 12 credit hours of upper-division. A minimum of six upper-division credit hours must be taken in courses offered by the College of Integrative Sciences and Arts. A grade of "C" (2.00 on a 4.00 scale) or better is required for all courses.

General Course -- 3 credit hours

STS 101: Introduction to Science, Technology and Society (SB) or STS 304: Science, Technology and Society (SB) (3)

Internationalization Course -- 3 credit hours

STS 110: Global Technology and Development (SB & G) or STS 317: Science, Technology, and Global Engagement (SB & G) (3)

Elective Courses (choose four) -- 12 credit hours

POS 301: Empirical Political Inquiry (SB) or ISS 301: Integrated Social Science Research Methods (SB) or STS 301: Research in Science and Technology Studies (SB) (3)

POS 316: American Political Institutions (3)

STS 302: Philosophy of Science and Technology (SB) (3)

STS 303: History of Science and Technology (H) (3)

STS 305: Science and Social Theory (SB) (3)

STS 306: Social Effects of Science and Technology (SB) (3)

STS 318: Science, Technology, and Government (SB) (3)

STS 325: Science, Technology, and Public Policy (SB) (3)

STS 328: Science, Technology, and Culture (SB) (3)

STS 329: Technology in Developing Countries (SB & G) (3)

STS 330: Information Technology and Globalization (SB & G) (3)

STS 331: Ethical Issues in Science and Technology (SB) (3)

STS 332: Global Issues in Science and Technology (SB) (3)

STS 364: Science, Technology, and National Security (SB) (3)

STS 425: Law, Values, Science, and Technology (SB) (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: 2.00

Incompatible Majors: BS in science, technology and society

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Integrative Sciences and Arts, College of

College of Integrative Sciences and Arts

<https://cisa.asu.edu>

SANCA 233

CISA@asu.edu

480-727-1526

Slavic Studies Minor (LASLVMIN)

Campus: Tempe

Description:

The Slavic studies minor program focuses on Slavic languages and cultures with a concentration in either Bosnian/Croatian/Serbian or Polish.

It is designed to complement the studies of students from a wide range of disciplines (e.g., history, cultural anthropology, music, political science, economics) whose professional interests lie in Poland or the countries of southeastern Europe. The program places equal emphases on language, culture and regional studies. The minor develops limited professional linguistic proficiency in either BCS or Polish along with adequate cultural sensitivity.

Program Requirements:

The minor in Slavic studies requires 18 upper-division credit hours. A minimum of six upper-division credit hours must be taken in residence at ASU. Each course must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher.

Slavic Language Courses -- 6 credit hours

Students complete either BCS 311 and BCS 312 OR BCS 495, OR PLC 311 and PLC 312 OR PLC 494 Polish for the Heritage Speaker for a total of 6 credit hours

Course substitutions are permitted for heritage speakers and other advanced speakers of Slavic languages. Please contact the School of International Letters and Cultures for more information.

BCS 311: Bosnian/Croatian/Serbian Composition and Conversation I (3)

BCS 312: Bosnian/Croatian/Serbian Composition and Conversation II (3)

BCS 495: Serbo-Croatian for Heritage Speakers (3-6)

Notes: This course may be repeated for credit.

PLC 311: Advanced Polish I (3)

PLC 312: Advanced Polish II (3)

PLC 494: Polish for the Heritage Speaker (3-6)

Notes: This course may be repeated for credit.

Required Courses -- 9 credit hours

SLV 304: Digital Humanities for Language Majors (CS) (3)

SLV 440: History of Slavic Languages (SB) (3)

SLV 498: Pro-Seminar or SLV 498: Senior Capstone (3)

BCS OR PLC OR RUS OR SLV Upper-Division Elective -- 3 credit hours

BCS 394: Special Topics (3)

RUS 322: Scandals and Scoundrels: The Nineteenth-Century Russian Novel (L or HU) (3)

RUS 323: Russian Literature and Revolution: The Twentieth Century ((L or HU) & G) (3)

RUS 394: Special Topics (3)

RUS 421: Pushkin (L or HU) (3)

RUS 425: Chekhov and Russian Drama (L or HU) (3)

RUS 439: Art in Exile: Vladímír Vladímírovich Nabokov (L or HU) (3)

RUS 484: Internship (3)

RUS 493: Honors Thesis (L) (3)

RUS 499: Individualized Instruction (3)

SLV 484: Internship (3)

SLV 492: Honors Directed Study (3)

SLV 493: Honors Thesis (L) (3)

SLV 499: Individualized Instruction (3)

No lower-division language courses are applicable to the minor.

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: None

Incompatible Majors: None

Other Enrollment Requirements: None

Students who wish to add the minor in Slavic studies to the degree they are currently pursuing may do so by contacting the School of International Letters and Cultures advising office.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Liberal Arts & Sciences, The College of

School of International Letters and Cultures

<https://silc.asu.edu/degrees/undergrad/minor-certs>

LL 440

silcadvising@asu.edu

Social Justice and Human Rights Minor (ASJHRMIN)

Campus: West

Description:

The minor program in social justice and human rights spans the social sciences and humanities to help prepare students to meet the challenges of 21st-century issues of social justice and protection of human rights in local, national, international and global contexts.

Students are introduced to principles and practices of everyday humanitarianism, multimedia advocacy, and theories and practices of social justice and human rights. Classes touch upon issues of advocacy and social change, critical trauma studies, intersectionality and inequality, among many others.

Program Requirements:

The minor in social justice and human rights consists of 18 credit hours, 12 of which must be upper-division. There are nine credit hours of core requirements and nine credit hours of electives. 12 credit hours must be taken through courses offered by the New College of Interdisciplinary Arts and Sciences. All courses used to meet requirements must be completed with a "C" (2.00) or better.

Core Requirements -- 9 credit hours

HRC 310: Social and Cultural Studies: Method and Theory (C) or SBS 302: Qualitative Methods or ASB 389 / SBS 389 / SOC 389: Ethnographic Field Lab (3)

JHR 100: Introduction to Social Justice and Human Rights (SB & G) (3)

JHR 305: Theory and Practice of Social Justice and Human Rights (SB & G) (3)

Elective Requirements -- 9 credit hours

AMS 334: Class in America (SB) (3)

AMS 353 / ENG 353 / ETH 353: African American Literature: Beginnings through the Harlem Renaissance ((L or HU) & C) (3)

AMS 449 / ETH 449 / WST 449: Hate Speech, Manifestos, and Radical Writings (SB & C) (3)

ASB 211: Women in Other Cultures ((HU or SB) & G) (3)

ASB 340 / SOC 328: Migration and Culture (SB & G) (3)

COM 316: Gender and Communication (SB & C) (3)

ENG 312: English in its Social Setting (L or HU or SB) (3)

ETH 430 / LAS 430 / WST 430: Gender on the Borderlands (SB & G) (3)

ETH 473 / LAS 473 / WST 473: Indigenous and Latina/Chicana Representation (SB & C) (3)

HST 355: Total War and the Crisis of Modernity (SB & G & H) (3)

HST 454: History of Genocide (G & H) (3)

IAP 307: Art and War (HU & G) (3)

IAS 340 / PHI 320: Bioethics (HU) (3)

IAS 406 / PHI 406 / FOR 406: Moral Dilemmas (L or HU) (3)

JHR 484: Internship (3)

JUS 355: Human Rights Organizations and Institutions (G) (3)

JUS 374: The Holocaust, Genocide, and Human Rights (3)

JUS 456: Human Rights and Sustainability ((L or SB) & G) (3)

LAS 481 / SPA 481: Dictatorships and Dirty Wars: Latin American Cinema from Resistance to Reconciliation (HU & G) (3)

NEW 300: International Cities (3)

PHI 306: Applied Ethics (HU) (3)

PHI 494: Trauma Studies (3)

POS 160: Global Politics (SB & G) or POS 360: World Politics (SB & G) (3)

POS 436: Gender, Sexuality, Nation-States (3)

POS 438: Latino Politics (SB & C) (3)

POS 480 / SBS 480: Global Justice (G) (3)

POS 494: Everyday Forms of Political Resistance (3)

SOC 241: Modern Social Problems (SB) (3)

SOC 270: Racial and Ethnic Relations (SB & C) (3)

SOC 331: Environmental Sociology (SB & G) (3)

SOC 352: Social Change (SB & G & H) (3)

SOC 426: Social Inequality (SB) (3)

WST 100: Women, Gender, and Society (SB & C) or WST 300: Women and Gender in Contemporary Society (SB & C) (3)

WST 433: Race and Sexualities in Social Justice Movements (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: 2.00

Incompatible Majors: BA in social justice and human rights; BA and BS in justice studies

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor. Students should contact their academic advisor for more information.

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Social and Behavioral Sciences
<https://newcollege.asu.edu/social-justice-human-rights-minor>
FAB N100
sbsadvising@asu.edu
602-543-3000

Social Welfare Minor (LASSWMIN)

Campus: Downtown Phoenix, West

Description:

The social welfare minor program prepares students for work in human service settings where a fundamental knowledge of human relations is required. It complements careers in journalism, communications, public administration, nursing and related fields, and provides a foundation for students who seek to pursue an MSW.

The minor enhances and broadens students' abilities to analyze complex family, individual and societal problems in the context of societal values, cultural diversity and other social and economic variables. The program contributes to students' understanding of society and social behavior, encourages critical thinking and helps develop communication skills.

Program Requirements:

Students should:

1. be at sophomore standing to take 300- or 400-level courses
2. complete 18 credit hours of graded course work (internship or independent study not applicable)
3. complete a minimum of 12 credit hours of resident credit at ASU
4. complete SWU 171 as the prerequisite for all upper-division SWU courses
5. earn a grade of "C" (2.00 on a 4.00 scale) or better for all courses in the minor
6. maintain a cumulative GPA of 2.00 (4.00 scale) or higher
7. consider meeting with a social welfare advisor prior to registration
8. take a minimum of 12 credit hours of upper-division course work from the approved list

Required Courses -- 9 credit hours

SWU 171: Introduction to Social Work (SB & H) (3)
SWU 291: Social Service Delivery Systems (3)
SWU 332: Social Policy and Advocacy or SWU 432: Social Policy and Services (3)

Cultural Diversity in the United States Course (select one) -- 3 credit hours

SWU 374: Diversity and Oppression in a Social Work Context (C) (3)
SWU 456: Immigrants and Refugees (C) (3)
SWU 457: Southwest Borderland Immigration Issues (C) (3)
SWU 459: Spirituality and the Helping Professions (3)
SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C) (3)

Elective Courses (choose six credit hours)* -- 6 credit hours

SWU 303: Micro Human Behavior and the Social Environment (L or SB) (3)
SWU 340: Macro Human Behavior and the Social Environment (SB) (3)
SWU 454: Overview of Addictions (3)

SWU 456: Immigrants and Refugees (C) (3)
SWU 457: Southwest Borderland Immigration Issues (C) (3)
SWU 458: Behavioral Health Services (3)
SWU 459: Spirituality and the Helping Professions (3)
SWU 460: Legal Issues in Social Work (3)
SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C) (3)
SWU 462: Global Social Welfare (G) (3)
SWU 498: Pro-Seminar (L) (1-7)

*Note: Student may select one additional course from the cultural diversity in the U.S. options above.

*Note: SWU 456, SWU 457, SWU 459 and SWU 461 cannot be used to meet both the Cultural Diversity in the United States course requirement and as an elective course.

Lower-division credit hours required: 6

Upper-division credit hours required: 12

Total credit hours required: 18

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: 2.00

Incompatible Majors: BSW in social work; BA in public service and public policy (social services delivery); BA in community advocacy and social policy

Other Enrollment Requirements: None

Students should meet with a social welfare advisor prior to registration.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Public Service and Community Solutions, Watts College of
School of Social Work
<https://socialwork.asu.edu>
UCENT 800
social.work@asu.edu
602-496-0800

Social and Behavioral Sciences Minor (ASSBSMIN)

Campus: West

Description:

The minor program in social and behavioral sciences provides students an interdisciplinary lens across several fields of the social and behavioral sciences, including communication, sociocultural anthropology, geography, political science, psychology and sociology.

Program Requirements:

The minor in social and behavioral sciences consists of 18 credit hours, of which a minimum of 12 credit hours must be upper-division. All courses used to satisfy requirements for the minor must be passed with a "C" (2.00) or better. A minimum of 12 credit hours must be completed through courses offered by the New College of Interdisciplinary Arts and Sciences. A maximum of three credit hours of internship and three credit hours of individualized instruction may be used to fulfill requirements.

Students wishing to pursue a minor must meet with an academic advisor in the School of Social and Behavioral Sciences to construct a minor that reflects a particular area of specialty and interest.

Required Courses -- 6 credit hours

SBS 200: Introduction to Social and Behavioral Sciences (SB) (3)

SBS 302: Qualitative Methods or SBS 303: Quantitative Methods (3)

Electives (9 upper-division credit hours required) -- 12 credit hours

Choose electives from at least three of the following prefixes:

- ASB Elective (3)
- COM Elective (3)
- FAS Elective (3)
- JHR Elective (3)
- POS Elective (3)
- PSY Elective (3)
- SOC Elective (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: None

Incompatible Majors: BA and BS in social and behavioral sciences

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Social and Behavioral Sciences
<https://newcollege.asu.edu/social-and-behavioral-sciences-minor>
FAB N100
sbsadvising@asu.edu
602-543-3000

Sociocultural Anthropology Minor (ASASBMIN)

Campus: West

Description:

The minor in sociocultural anthropology, offered by the School of Social and Behavioral Sciences, is designed to provide students with a substantive understanding of the theoretical assumptions and methodological techniques underlying the field of sociocultural anthropology.

Courses provide students with knowledge about and theoretical approaches to cross-cultural studies and transnational research, emphasizing culture and political economy in historical context.

Program Requirements:

The minor in sociocultural anthropology requires 18 credit hours, at least nine hours of which must be in upper-division coursework taken in the School of Social and Behavioral Sciences. All coursework within the minor must be passed with a minimum grade of "C" (2.00) or better. Up to nine hours of ASB courses offered by other ASU campuses may be applied toward electives in the minor. Up to six hours of lower division ASB credit, three hours of ASB 499 Individualized Instruction, and three hours of ASB 484 Internship may be applied toward the minor. Up to three credit hours of any study abroad course, in any prefix, may apply to this minor.

Required Courses -- 6 credit hours

ASB 102: Introduction to Cultural Anthropology (SB & G) or ASB 311: Principles of Social Anthropology (SB & G & H) (3)
SBS 302: Qualitative Methods (3)

Electives (minimum 6 upper-division credit hours) -- 12 credit hours

ASB 211: Women in Other Cultures ((HU or SB) & G) (3)
ASB 339 / POS 339 / SBS 339 / SOC 339: Grassroots Social Movements (SB) (3)

ASB 340 / SOC 328: Migration and Culture (SB & G) (3)
ASB 342 / SBS 342 / SOC 342: Mexico-U.S. Borderlands (SB & C) (3)
ASB 346: Marriage and Family Diversity (SB & C) (3)
ASB 350: Anthropology and Art (HU) (3)
ASB 353 / SOC 353: Death and Dying in Cross-Cultural Perspective ((HU or SB) & G) (3)
ASB 356 / GCU 356 / POS 354 / SBS 356 / SOC 356: Central American Studies (SB & G) (3)
ASB 374 / POS 374 / SBS 374: Cultures and Politics of the Internet (SB) (3)
ASB 389 / SBS 389 / SOC 389: Ethnographic Field Lab (3)
ASB 394: Special Topics (3)
ASB 442 / SBS 460: Global Cities (SB & G) (3)
ASB 447 / POS 447 / SBS 447: Citizenship, Nationalism and Identity (SB & C & G) (3)
ASB 484: Internship (3)
ASB 494: Special Topics (3)
ASB 499: Individualized Instruction (3)
JHR 305: Theory and Practice of Social Justice and Human Rights (SB & G) (3)
SBS 301: Cultural Diversity ((L or SB) & C) (3)
SBS 450: Topics in Local/Global (SB & G) (3)
SBS 480 / POS 480: Global Justice (G) (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: None

Incompatible Majors: None

Other Enrollment Requirements: None

The minor in sociocultural anthropology is open to all ASU undergraduate majors.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Social and Behavioral Sciences
<https://newcollege.asu.edu/sociocultural-anthropology-minor>
FAB N100
sbsadvising@asu.edu
602-543-3000

Sociology Minor (ASSOCMIN)

Campus: West

Description:

The minor program in sociology, offered by the School of Social and Behavioral Sciences, provides students with an understanding of the theory, practice and policy underlying issues of social change, inequality and diversity. These issues are approached from multiple perspectives, including race or ethnicity, gender, economic position, age, geographic location and position in the global political economy.

The student minoring in sociology learns how it enhances one's understanding of social realities and institutions at local, national and international levels and how sociology contributes to the other social sciences and to the humanities.

Students gain a basic understanding of the assumptions underlying the discipline of sociology and develop the research skills necessary for analysis of complex social issues. These objectives are met by offering a flexible program and by providing the student with individual and group experiences in working with faculty members on concrete intellectual and policy issues.

Program Requirements:

The minor in sociology consists of 18 credit hours (a minimum of 12 credit hours must be upper-division). All courses used to satisfy requirements for the minor must be passed with a "C" or better. Students wishing to pursue this minor must meet with an academic advisor in the School of Social and Behavioral Sciences to construct a minor that reflects a particular area of specialty and interest. A minimum of six upper-division credit hours must be completed through the School of Social and Behavioral Sciences. A maximum of three credit hours of SOC 484 or SOC 499 may be used to fulfill the requirements of this minor.

Foundation Requirement -- 3 credit hours
SOC 101: Introductory Sociology (SB) (3)

Select one course -- 3 credit hours
SBS 303: Quantitative Methods (3)
SBS 304: Social Statistics I (CS) (3)
SOC 426: Social Inequality (SB) (3)
SOC 486: Contemporary Theory (SB) (3)

Electives (minimum 9 upper-division credit hours) -- 12 credit hours
SOC Upper Division Elective (9)
SOC Elective (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: None

Incompatible Majors: BS or BA in sociology

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Social and Behavioral Sciences
<https://newcollege.asu.edu/sociology-minor>
FAB N100
sbsadvising@asu.edu
602-543-3000

Sociology Minor (LASOCMIN)

Campus: Tempe, Online

Description:

The minor program in sociology from the Sanford School of Social and Family Dynamics exposes students to the basic coursework and issues within the discipline. This program provides an exceptional balance to studies in psychology, communication, education, business and nursing.

Program Requirements:

The minor in sociology requires 18 credit hours, of which 12 credit hours must be upper-division courses. A minimum of six upper-division credit hours must be taken in courses offered by the College of Liberal Arts and Sciences. All courses must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher.

Required Courses -- 6 credit hours
SOC 101: Introductory Sociology (SB) (3)
SOC 391: Research Methods (L or SB) or SOC 483: History of Social Thought (SB) or SOC 486: Contemporary Theory (SB) (3)

Electives -- 12 credit hours
SOC Elective (3)
SOC Upper Division Elective (9)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: None

Incompatible Majors: BA and BS in sociology

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/request-info>)

Contact Information:

Liberal Arts & Sciences, The College of
Sanford School of Social and Family Dynamics
<https://thesanfordschool.asu.edu/>
SS 144
advisor@asu.edu
480-965-6978

Spanish Minor (ASSPAMIN)

Campus: West

Description:

The minor program in Spanish addresses language and examines the cultural production of Spanish-speaking communities.

Program Requirements:

The minor in Spanish consists of 18 credit hours, of which 12 credit hours must be upper-division. All courses used to satisfy the requirements for the minor must be passed with a "C" or better. A minimum of six upper-division credit hours must be completed through courses offered by the School of Humanities, Arts, and Cultural Studies. Courses for the minor must be chosen in consultation with an academic advisor in the School of Humanities, Arts, and Cultural Studies. Preparatory coursework may not be used to satisfy requirements for the minor. Preparatory coursework includes Spanish lower-division language courses.

Core Requirements -- 12 credit hours

SPA 202: Intermediate Spanish (G) (4)

Three of the four credit hours from SPA 202 are counted toward the minor. The additional credit hour is applied toward university elective credit hours.

SPA 313 AND SPA 314: Spanish Conversation and Composition (G) or SPA 315: Advanced Spanish I for Bilinguals (C) AND SPA 316: Advanced Spanish II for Bilinguals (L & C) (3)

SPA 325: Introduction to Hispanic Literature (HU) (3)

Electives (minimum 3 upper-division credit hours) -- 6 credit hours

Students should consult with an academic advisor to select six credit hours from the Spanish elective list or other appropriate courses from the LAS or SPA prefixes, with the understanding that their coursework will be carried out in Spanish.

LAS 330: From the Inside: The Latin American Journey (HU) (3)

LAS 340: Latin American Women Writers (3)

LAS 350: The Construction of a Nation: Chile in the 20th/21st Century (3)

LAS 351: Cityscapes: Urban Mexican Literature and Culture (3)

LAS 355: Contemporary Mexican Cinema: Changing Cartographies (3)

LAS 394: Special Topics (3)
LAS 471: Treaties and Cultural Production in Spain and the Americas (3)
LAS 480: Current Trends in Theatre and New Media in Latin America and Spain (HU) (3)
LAS 481: Dictatorships and Dirty Wars: Latin American Cinema from Resistance to Reconciliation (HU & G) (3)
LAS 494: Special Topics (3)
SPA 394: Special Topics (3)
SPA 412: Advanced Conversation and Composition (G) (3)
SPA 413: Spanish Grammar in Context (G) (3)
SPA 456: 20th-Century Spanish American Fiction (3)
SPA 471: Civilization of the Indohispanomexicano Southwest ((L or HU) & C) (3)
SPA 494: Special Topics (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: None

Incompatible Majors: BA in Spanish

Other Enrollment Requirements: None

The minor in Spanish is open to all ASU undergraduate students.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Humanities, Arts, and Cultural Studies
<https://newcollege.asu.edu/spanish-minor>
FAB N100
harc sadvising@asu.edu
602-543-3000

Spanish Minor (LASPAMIN)

Campus: Tempe, Online

Description:

Students pursuing a minor in Spanish gain an understanding of the language, literature and cultures of Spanish-speaking peoples and regions.

Opportunities to participate in study abroad programs can serve to enhance a student's minor experience and education. More information is available at <https://mystudyabroad.asu.edu/> (<https://mystudyabroad.asu.edu/>).

Program Requirements:

The minor in Spanish requires a total of 21 credit hours, of which 18 credit hours must be upper-division. A minimum of six upper-division credit hours must be taken from courses offered by The College of Liberal Arts and Sciences. A grade of "C" (2.00 on a 4.00 scale) or better is required for all courses.

Required Courses -- 12 credit hours

Of the 12 credit hours of required courses for the Spanish minor, students select the appropriate language track: Spanish Second Language or Spanish Heritage/Bilingual Language track.

SPA 202: Intermediate Spanish (G) or SPA 204: Intermediate Spanish II for Bilinguals (G) or SPA 210: Intensive Spanish II (G) (4-6)

Notes: Three credit hours from SPA 202, SPA 204, or SPA 210 are counted toward the minor. Additional credit hours earned are applied to the 120 hours minimum for graduation.

SPA 313: Spanish Conversation and Composition (G) or SPA 315: Advanced Spanish I for Bilinguals (C) (3)

SPA 314: Spanish Conversation and Composition (G) or SPA 316: Advanced Spanish II for Bilinguals (L & C) (3)

SPA 412: Advanced Conversation and Composition (G) (3)

Course substitutions are allowed for heritage and advanced speakers of the language.

Minor Tracks -- 9 credit hours

Students complete nine credit hours from one option track below that is beneficial to their personal or academic goals. Option tracks include Spanish Language Studies, Spanish Literary and Cultural Studies, or Spanish Linguistics. (9)

Option 1: Spanish Language Studies Track

Required Spanish Civilization and Culture Course (choose one):

SPA 471: Civilization of the Indohispanomexicano Southwest ((L or HU) & C) (3)

SPA 472: Latin American Society: Five Case Studies (HU & H & G) (3)

SPA 473: Old and New Spaniards: Culture and Civilization of Spain ((HU or SB) & G) (3)

SPA 474: Revolutionary Mexico and Postmodern Revisions ((L or HU) & G) (3)

SPA Upper-Division Restricted Elective (choose one):

SPA 325: Introduction to Hispanic Literature (HU) (3)

SPA 400: Fundamentals of Spanish Linguistics (SB & G) (3)

SPA 413: Spanish Grammar in Context (G) (3)

SPA 471: Civilization of the Indohispanomexicano Southwest ((L or HU) & C) (3)

SPA 472: Latin American Society: Five Case Studies (HU & H & G) (3)

SPA 473: Old and New Spaniards: Culture and Civilization of Spain ((HU or SB) & G) (3)

SPA 474: Revolutionary Mexico and Postmodern Revisions ((L or HU) & G) (3)

SPA Upper-Division Elective or SPA Upper-Division Study Abroad Course (choose one):

SPA 484: Internship (<https://webapp4.asu.edu/catalog/courselist?s=SPA&l=300-399&t=2207&hon=F>) > SPA 3** Elective (3)

(3)

SPA 325: Introduction to Hispanic Literature (HU) (<https://webapp4.asu.edu/catalog/courselist?s=SPA&l=400-499&t=2207&hon=F>) > SPA 4** Elective (3)

Upper Division Spanish Study Abroad Course (3)

Option 2: Spanish Literary and Cultural Studies Track

SPA 325 is required for this track.

(3)

Choose one course from the following:

SPA 425: Foundational Texts of Spain (L or HU) (3)

SPA 426: Literature and Society in Modern Spain (HU) (3)

SPA 427: Colonial and Postcolonial Latin American Literature (L or HU) (3)

SPA 428: Foundational Texts of Latin American Literature Since Modernismo ((L or HU) & G) (3)

SPA 464: Jaitón Works in Chicano/a Literature ((HU or SB) & C) (3)

SPA 471: Civilization of the Indohispanomexicano Southwest ((L or HU) & C) (3)

SPA 472: Latin American Society: Five Case Studies (HU & H & G) (3)

SPA 473: Old and New Spaniards: Culture and Civilization of Spain ((HU or SB) & G) (3)

Choose one course from the following:

SPA 319: Business Correspondence and Communication (G) (3)

SPA 400: Fundamentals of Spanish Linguistics (SB & G) (<https://webapp4.asu.edu/catalog/courselist?s=SPA&l=300-399&t=2207&hon=F>) > SPA 3** Elective (3)

SPA 4** Elective (3)

Option 3: Spanish Linguistics

SPA 400 is required for this track.

(3)

Choose two courses from the following:

SPA 413: Spanish Grammar in Context (G) (3)

SPA 417: The Sounds of Spanish (CS) (3)

SPA 418: Architecture of Spanish (3)

SPA 419: Spanish Around the World (CS & C) (3)

SPA 420: Applied Spanish Linguistics (L) (3)

SPA 421: Spanish in the Southwest (C) (3)

See information about Language Placement Testing (<https://silc.asu.edu/student-life/academic-advising/placement-testing>) or consult with an academic advisor in the School of International Letters and Cultures regarding placement into Spanish language classes. Students testing into higher Spanish language courses may need overrides to enroll.

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: 2.00

Incompatible Majors: BA in Spanish; BAE in secondary education (Spanish)

Other Enrollment Requirements: None

Students who wish to add the minor in Spanish to the degree they are currently pursuing may do so by contacting the School of International Letters and Cultures advising office.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Liberal Arts & Sciences, The College of
School of International Letters and Cultures
<https://silc.asu.edu/degrees/undergrad/minor-certs>
LL 440
silcadvising@asu.edu
480-965-6281

Spanish Minor (LSSPAMIN)

Campus: Downtown Phoenix

Description:

The series of courses in this 18-credit hour minor helps students hone Spanish communication skills and cultural knowledge so they may serve the needs of the U.S. Latino community in professional settings, such as business, engineering and urban planning, legal and justice studies, sustainability, social work, health care and community interpretation.

The combination of professionally focused courses and practical experience in this program enhances students' professional preparation for employment in positions that require advanced proficiency in Spanish and an in-depth understanding of U.S. Latino culture.

Program Requirements:

The Spanish minor requires a total of 18 credit hours.

Prerequisite: SPA 314 or SPA 316 or SPA 317 or permission of instructor.

A grade of "C" (2.00 on a 4.00 scale) or better is required for all courses. Pass/Fail courses cannot be used.

Required Courses -- 12 credit hours

SPA 317: Spanish for the Professions (G) (3)

SPA 404: Spanish in U. S. Professional Communities ((L or HU) & C) (3)

SPA 405: Latino Cultural Perspectives for the Professions ((L or HU) & C & G) (3)

SPA 484: Internship (3)

Notes: A minimum of 12 credit hours completed in this minor and permission of the director of the Spanish minor is required to enroll.

Elective Courses -- 6 credit hours

SPA 318: Advanced Spanish for Health Care Professionals (<https://webapp4.asu.edu/catalog/courselist?s=SPA&l=upperdivision&t=2207&hon=F>) > SPA Upper Division Elective (3)

Notes: SPA 300- or 400-level Spanish courses focused on the professions (e.g., health care, business, social work, legal and justice studies, sustainability, engineering, urban planning, community interpretation and translation)
(3)

SPA 401: Spanish Oral Communication for the Professions (3)

Notes: Recommended for journalism majors.

SPA 402: Written Communication for the Professions (3)

Notes: Recommended for journalism majors.

SPA 403: Spanish Grammar and Stylistics for the Professions (3)

Notes: Recommended for journalism majors.

SPA 406: Introduction to Spanish/English Medical Interpretation (3)

SPA 494: Introduction to Spanish Translation for the Profes (3)

Notes: Recommended for journalism majors.

SPA 494: Latino/Lat. Amer. Film: Ethical Discus. for Profes (3)

SPA 494: Markets Migrants and Work Case Studies for Profess (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: 2.00

Incompatible Majors: BA in Spanish

Other Enrollment Requirements: None

For additional admission and registration requirements, students should visit the school website.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Integrative Sciences and Arts, College of

College of Integrative Sciences and Arts

<https://cisa.asu.edu>

AZCNTR 380

CISA@asu.edu

602-496-0271

Special Events Management Minor (HSEVNMIN)

Campus: Downtown Phoenix

Description:

The minor program in special events management is designed to offer students a solid understanding of special events programming and management. In addition to the two-tiered special events course, which provides basic and advanced instruction as well as experiential learning opportunities through event production, students are able to select electives to meet their interests.

The minor allows students enrolled in other undergraduate programs at ASU to broaden their educational experiences. Students from such various disciplines as business, communication and many others find this program a beneficial supplement to their existing program.

Program Requirements:

The minor requires 15 credit hours: three credit hour required course and 12 credit hours of elective courses.

Required Core Courses -- 3 credit hours

PRM 145: Special Events Management (3)

Electives (choose four courses) -- 12 credit hours

CSM 483: Sports Tourism (3)

CSM 485: Sports Events (3)

Notes: Offered spring semester only

NLM 300: Fund Raising and Resource Development (3)

NLM 310: Volunteer Management (3)

PRM 304: Recreation Planning and Facility Development (L) (3)

Notes: Offered fall semester only

PRM 475: Entrepreneurial Recreation and Tourism (3)

PRM 484: Internship (3)

PRM 487: Advanced Special Events Management (3)

Notes: Offered spring semester only

TDM 345: Meeting and Convention Planning (3)

TDM 350: Tourism, Recreation and Sports Marketing (3)

TDM 458: International Tourism (G) (3)

Standards

1. 15 credit hours of graded course work (no independent study)
2. minimum grade of "C" (2.00 on a 4.00 scale) required for all courses in the minor
3. should be a junior to take 400-level courses
4. no double counting of courses for a major and the minor

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: 2.00

Incompatible Majors: BS in parks and recreation management; BS in tourism development and management (including all concentrations)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor.

Contact Information:

Public Service and Community Solutions, Watts College of

School of Community Resources and Development

<https://scrd.asu.edu>

UCENT 500

scrdadvising@asu.edu

602-496-0550

Speech and Hearing Science Minor (LASHSMIN)

Campus: Tempe

Description:

The undergraduate minor in speech and hearing science is an academic program with emphasis on normal aspects of speech, language and hearing. The focus is on how motor, cognitive and sensory systems interact with and influence hearing, speech and language in children and adults.

A minor in speech and hearing science can provide a broadened background for related careers such as medicine, education and neuroscience.

Program Requirements:

The minor in speech and hearing science consists of 24 credit hours, and though the following classes are required, students are strongly encouraged to meet with an advisor from the Department of Speech and Hearing Science.

Required courses -- 15 credit hours

SHS 205: Exploring Communication Disorders in Children and Adults (3)

SHS 250: Introduction to Phonetics (3)

SHS 310: Anatomical and Physiological Bases of Speech (3)

SHS 311: Hearing Science (3)

SHS 367: Language Science (SB) or SHS 375: Speech Science (3)

Upper Division Electives -- 9 credit hours

SHS 401: Principles of Audiology (3)

SHS 402: Clinical Methods and Treatment of Communication Disorders (3)

SHS 465: Speech and Language Acquisition (SB) (3)

SHS 470: Developmental Speech and Language Disorders (3)

SHS 485: Acquired Speech and Language Disorders (3)

SHS 496: Aural Rehabilitation (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: 2.00

Incompatible Majors: BS in speech and hearing science

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Health Solutions, College of

College of Health Solutions

<https://chs.asu.edu/programs/speech-and-hearing-science-0>

HLTHN 401AA

chs@asu.edu

480-965-2374

Statistics Minor (LASTAMIN)

Campus: Tempe

Description:

The minor in statistics is beneficial for students majoring in a variety of disciplines such as physics, engineering applications, business, economics, the life and social sciences or to any field where there is a need for quantification in the analysis of phenomena.

Program Requirements:

The minor in statistics requires a minimum of 18 credit hours, of which at least 12 hours must be completed at the upper-division level. All courses must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher.

Required Courses -- 18 credit hours

MAT 271: Calculus with Analytic Geometry II (MA) or MAT 266: Calculus for Engineers II (MA) (3-4)

MAT 272: Calculus with Analytic Geometry III (MA) or MAT 267: Calculus for Engineers III (MA) (3-4)

MAT 300: Mathematical Structures (L) (3)

STP 420: Introductory Applied Statistics (CS) (3)

STP 421: Probability (3)

STP 427: Mathematical Statistics or STP 429: Applied Regression (CS) (3)

STP 421 and STP 427 must be taken through The College of Liberal Arts and Sciences.

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: None

Incompatible Majors: BS in actuarial science; BS in applied mathematics; BS in computational mathematical science and statistics; BA and BS in mathematics (including all concentrations); BAE in secondary education (mathematics)

Other Enrollment Requirements: None

Students should confer with an academic advisor in the School of Mathematical and Statistical Sciences before declaring the minor.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in

pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Liberal Arts & Sciences, The College of
School of Mathematical and Statistical Sciences
<https://math.asu.edu/>
WXMLR A211
math@asu.edu
480-965-7195

Studio Art Minor (HISTARTMIN)

Campus: Tempe

Description:

The studio art minor is designed for students who have an interest in studio arts but are pursuing another major.

The program includes art courses that address formal and conceptual issues in art. Students develop technical proficiency in one or more studio areas. Coursework in art history, both lower and upper division, helps foster critical understanding of aesthetics and the production of art. The designated coursework is flexible enough for students to concentrate in a single area of the studio arts or explore several mediums.

Program Requirements:

The studio art minor requires 18 credit hours (9 upper-division). All courses must be completed with a minimum grade of "C" (2.00).

Studio Core -- 9 credit hours

ART 110: Drawing as Seeing and Thinking (HU) or ART 112: 2-D Design or ART 113: Color or ART 115: 3-D Design or ART 116: Introduction to Digital Media (3)

ART 2** Elective (6)

Upper-Division Studio Courses -- 9 credit hours

ART Upper Division Elective (9)

Notes: When selecting upper division (3XX/4XX) ART studio courses, check the prerequisites. In some cases, instructors will approve an override.

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: None

Incompatible Majors: All studio art majors

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Design & the Arts, Herberger Institute for
School of Art
<https://art.asu.edu>
CDS 101
herbergeradvising@asu.edu
480-965-4495

Sustainability Minor (SUSUSMIN)

Campus: Polytechnic, Tempe, West, Online

Description:

Students in the sustainability minor learn about the concept of sustainability and how it may be used to develop solutions to pressing issues affecting society, organizations and the world.

The program introduces sustainability principles and explains how sustainability can be applied to all academic disciplines and professional fields. Students explore the challenges of sustainability within human institutions, organizations, cultures and technology and in local, national and international contexts.

The minor is intended to draw from and inform any major that is offered by the university.

Program Requirements:

The sustainability minor requires 18 credit hours of study, at least nine of which must be upper-division. The program includes six credit hours of required core courses, six credit hours of required theme courses and six credit hours of upper-division sustainability-related electives that relate to the student's major.

All courses must be completed with a grade of "C" (2.00) or higher.

Required Core Courses -- 6 credit hours

SOS 100: Introduction to Sustainability (G) (3)

SOS 300: Advanced Concepts and Integrated Approaches in Sustainability (3)

Required Theme Courses -- 6 credit hours

Two courses, each from a different sustainability theme area below.

Coupled Human-Environment Systems

ASB 222: Buried Cities and Lost Tribes ((HU or SB) & G & H) (3)

CHM 107: Chemistry and Society (SQ) (3)

GLG 110: Dangerous World (SQ & G) (3)

GPH 210: Society and Environment (G) (3)

ISS 450: Consumerism and Sustainable Development (SB) (3)

LSC 362: The Human Environment (3)

SOS 320: Society and Sustainability (L or SB) (3)

SOS 327: Sustainable Food and Farms (3)

Earth Systems

ABS 225: Soils (SQ) (3)

ABS 270: Sustainable Biological Systems (3)

BIO 100: The Living World (SQ) (4)

ENV 410: Soil Science (4)

GLG 101: Introduction to Geology I (Physical) (SQ) (3)

GLG 108: Water Planet (SQ) (4)

GLG 110: Dangerous World (SG & G) (3)

GPH 211: Landform Processes (SQ) (4)

LSC 388: Bee Ecology in Urban and Wild Habitats (L) (3)

SES 106: Habitable Worlds (SQ) (4)

SOS 326: Sustainable Ecosystems (3)

Human Transformation of the Earth

ABS 260: Fundamentals of Sustainable Horticulture (SG) (4)

ABS 270: Sustainable Biological Systems (3)

ABS 363: Sustainable Landscape Practice (4)

ALA 100: Introduction to Environmental Design (HU & H & G) (3)

ASM 104: Bones, Stones, and Human Evolution (SB or SG) (4)

BIO 130: Introduction to Environmental Science (SQ) (4)

CON 101: Construction and Culture: a Built Environment (HU & H) (3)

ENV 201: Fundamentals of Environmental Science (3)

FSE 181: Technological, Social, and Sustainable Systems (HU) (3)

IAS 407 / PHI 407: Environmental Philosophy and Policy (L or HU) (3)

IND 243: Design for Ecology and Social Equity (3)

SOS 111 / PUP 190: Sustainable Cities ((HU or SB) & G) (3)

SOS 323: Sustainable Urban Dynamics (3)
SOS 324: Sustainable Energy Technology and Systems (3)
SOS 465 / PUP 465: Sustainable Urbanism (3)
STS 235: Technology and Urban Systems (L) (3)

Social, Political and Economic Treatment of Natural Resources and Environment

ABS 381: Natural Resources Policy (3)
ABS 479: Ecosystem Management and Planning (L) (3)
AGB 250: Economics of Resource Allocation: Food and Agriculture (3)
AGB 414: Food and Agribusiness Policy Issues (L) (3)
AGB 452: Global Food and Agricultural Trade (3)
ASB 100: Introduction to Global Health (SB & G) (3)
GCU 441: Economic Geography (SB) (3)
IAS 340 / PHI 320: Bioethics (HU) (3)
IAS 409: Eco-Community Ethics (HU) (3)
PHI 306: Applied Ethics (HU) (3)
PHI 360: Business and Professional Ethics (HU) (3)
SGS 203: Contemporary Global Trends (SB & G) (3)
SGS 303: Global Trends (SB & G) (3)
SOS 110: Sustainable World (SB) (3)
SOS 321: Policy and Governance in Sustainable Systems (3)
SOS 323: Sustainable Urban Dynamics (3)
SOS 325: The Economics of Sustainability (3)
SOS 330: Sustaining the Commons (L) (3)
STS 101: Introduction to Science, Technology and Society (SB) (3)
STS 110: Global Technology and Development (SB & G) (3)

Upper-Division Sustainability-Related Electives -- 6 credit hours

Upper Division courses that are sustainability-related and ideally make a connection between the student's major and the minor (6)

Students should consult with their major advisor for upper division sustainability-related elective course selection. Possible courses for these electives can be explored at <https://schoolofsustainability.asu.edu/sustainability-courses-at-asu/>, but still need to be approved by the student's major academic advisor.

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: None

Incompatible Majors: BA in business (sustainability); BA in interdisciplinary studies with a concentration in sustainability; BA in sustainability; BS in sustainability; BS in sustainable food systems

Other Enrollment Requirements: Students interested in adding a minor in sustainability should work with their major academic advisor. A student's major advisor will approve the two upper-division electives required for the minor in sustainability.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/request-info>)

Contact Information:

Global Futures, College of
School of Sustainability
<https://schoolofsustainability.asu.edu/>
WGHL 108
sustainabilityminor@asu.edu

Sustainable Tourism Minor (PPTDMSMIN)

Campus: Downtown Phoenix

Description:

As sustainability expands in popularity as a discipline, students are looking to find ways to better understand how they can apply the principles of sustainability to specific areas of interest. A minor in sustainable tourism allows students from any major to learn the basic concepts and theories of tourism development and management. This program helps students identify ways in which tourism can contribute to sustainable development, locally and globally.

The minor allows students enrolled in other undergraduate programs at ASU to broaden their educational experiences. Students from such various disciplines as sustainability, business and many others find this program a beneficial supplement to their existing program. Students may also choose to complete a study abroad program.

Program Requirements:

The minor requires a total of 15 credit hours: 12 credit hours of required courses and one three-credit hour course from the list of electives.

Required Core Courses -- 12 credit hours

TDM 205: Introduction to Travel and Tourism (G) (3)

TDM 372: Tourism Planning (L) (3)

TDM 458: International Tourism (G) (3)

TDM 480: Sustainable Tourism (3)

Elective Course (choose one) -- 3 credit hours

TDM 448: Heritage and Cultural Tourism (3)

TDM 475: Entrepreneurial Recreation and Tourism (3)

TDM 481: Sustainable Food Management in Tourism (3)

Notes: Offered spring semester only

TDM 482: Sustainable Revenue Management (3)

Notes: Offered spring semester only

TDM 494: Special Topics (3)

Standards

1. 15 hours of graded classroom course work (no internship, no independent study)
2. minimum "C" (2.00 on a 4.00 scale) grade required for all courses in the minor
3. should be a junior or higher to take 400-level courses
4. no double counting of courses for a major and the minor

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: 2.00

Incompatible Majors: BS in tourism development and management; BS in tourism development and management (sustainable tourism); BS in tourism development and management (resort and hotel leadership); BA in business (tourism); BS in tourism development and management (meeting and events)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor.

Contact Information:

Public Service and Community Solutions, Watts College of
School of Community Resources and Development
<https://scrd.asu.edu/content/degree-programs>

UCENT 550
scrdadvising@asu.edu
602-496-0550

Technical Communication Minor (LSTWCMIN)

Campus: Polytechnic, Online

Description:

The minor program in technical communication provides students from other degree programs a foundation in workplace-oriented communication skills that complement many majors, particularly those in engineering and other technical disciplines, and can make students more competitive in their career path. The minor teaches students how to design, produce and manage professional documents, both print and digital; students also strengthen their technological abilities.

Program Requirements:

The minor in technical communication requires 18 credit hours. A grade of "C" or better is required for all courses in the minor.

Required Courses -- 12 credit hours

- TWC 301: Fundamentals of Writing for Digital Media (L) (3)
- TWC 401: Fundamentals of Technical Communication (L) (3)
- TWC 411: Principles of Visual Communication (L) or TWC 421: Principles of Web Authoring (L) (3)
- TWC 431: Principles of Technical Editing (3)

Elective Courses (choose two) -- 6 credit hours

- TWC 411: Principles of Visual Communication (L) (3)
- TWC 414: Visualizing Data and Information (3)
- TWC 421: Principles of Web Authoring (L) (3)
- TWC 422: Social Media in the Workplace (3)
- TWC 435: Global Issues in Technical Communication (G) (3)
- TWC 436: Project Management in Technical Communication (3)
- TWC 443: Grant & Proposal Writing (3)
- TWC 444: User Experience (3)
- TWC 445: Content Strategy (3)
- TWC 446: Technical and Scientific Reports (L) (3)
- TWC 451: Copyright and Intellectual Property in the Electronic Age (3)
- TWC 452: Information in the Digital Age (3)
- TWC 453: Information and Communications Technology in American History (L & H) (3)
- TWC 454: Information Technology and Culture (C) (3)
- TWC 494: Special Topics (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: 2.00

Incompatible Majors: BAS in applied science (technical communication); BS in technical communication; BS in technical communication (user experience)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/minors/technical-communication-minor>)

Contact Information:

Integrative Sciences and Arts, College of
College of Integrative Sciences and Arts
<https://cisa.asu.edu/tech-comm>
SANCA 233
CISA@asu.edu
480-727-1526

Technological Entrepreneurship and Management Minor (ESTEM2MIN)

Campus: Polytechnic, Online

Description:

The minor in technological entrepreneurship and management is available to students who are interested in advancing ideas for new or improved products or services.

The courses available for the minor are designed to advance entrepreneurial and systems thinking and cover a broad range of topics important to venture startups such as creativity, entrepreneurship, innovation, global impact and systems thinking. This minor is available as either an on-campus or 100% online program.

Program Requirements:

Completion of the technological entrepreneurship and management minor requires 18 resident credit hours of the specified courses with a grade of "C" or better in each course. At least four of the six courses must be upper-division.

Students may not double count any courses with other entrepreneurship certificates.

Required Courses -- 12 credit hours

FSE 301 / ENT 360: Entrepreneurship and Value Creation (3)
TEM 230: Creativity and Business Innovation or ENT 340: Creativity and Innovation (L or HU) (3)
TEM 330: Systems Innovation or TEM 431: Innovation Management (3)
TMC 110: Understanding the Enterprise or ENT 305: Principles of Entrepreneurship (3)

Electives -- 6 credit hours

ACC 382: Accounting and Financial Analysis (3)
CIS 300: Web Design and Development or GIT 215: Introduction to Web Authoring (3)
ENT 446: Venture Capital Experience (3)
ENT 447: Lean Launch (3)
ENT 448: Corporate Entrepreneurship (3)
LES 380: Consumer Perspective of Business Law or OMT 402: Legal Issues for Technologists (3)
MGT 380: Management and Strategy for Nonmajors or TMC 430: Enterprise Strategy and Innovation (3)
MKT 425: Global Marketing Management (G) (3)
TEM 294: Social Entrepreneurship I (3)
TEM 311: Opportunity Analysis (3)
TEM 394: Social Entrepreneurship II (3)
TEM 400: Technology Entrepreneurship (3)
TEM 481: Consulting Project (3)
TEM 482: Startup Workshop (3)
TMC 310: Promotion of the Enterprise or MKT 300: Marketing and Business Performance or MKT 390: Essentials of Marketing or AGB 420: Food Advertising and Promotion (3)
TMC 320: Funding the Enterprise or FIN 455: Entrepreneurial Finance (3)
TMC 330: Leading the Enterprise or MGT 300: Organization and Management Leadership or ENT 441: Entrepreneurial Management (3)
TMC 331: Quality Assurance (3)
TMC 410: Enterprise Operations (3)
TMC 470: Enterprise Planning and Implementation (3)

By petition, students can take two upper-division electives from their chosen discipline.

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: None

Incompatible Majors: BS in technological entrepreneurship and management; BAS in applied science (operations management); BS in business

entrepreneurship

Other Enrollment Requirements: The technological entrepreneurship and management minor is open to non-TEM undergraduate students. TEM students are not eligible to apply for this minor.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-technological-entrepreneurship-and-management/>)

Contact Information:

Engineering, Ira A. Fulton Schools of
Tech Entrepreneurship & Mgmt
<https://poly.engineering.asu.edu/tem/bs-in-technological-entrepreneurship-and-management/>
WANER 240
polyadvising@asu.edu
480-727-1874

Technological Entrepreneurship and Management Minor (ESTEM2MIN)

Campus: Polytechnic, Online

Description:

The minor in technological entrepreneurship and management is available to students who are interested in advancing ideas for new or improved products or services.

The courses available for the minor are designed to advance entrepreneurial and systems thinking and cover a broad range of topics important to venture startups such as creativity, entrepreneurship, innovation, global impact and systems thinking. This minor is available as either an on-campus or 100% online program.

Program Requirements:

Completion of the technological entrepreneurship and management minor requires 18 resident credit hours of the specified courses with a grade of "C" or better in each course. At least four of the six courses must be upper-division. Students may not double count any courses with other entrepreneurship certificates.

Required Courses -- 12 credit hours

FSE 301 / ENT 360: Entrepreneurship and Value Creation (3)
TEM 230: Creativity and Business Innovation or ENT 340: Creativity and Innovation (L or HU) (3)
TEM 330: Systems Innovation or TEM 431: Innovation Management (3)
TMC 110: Understanding the Enterprise or ENT 305: Principles of Entrepreneurship (3)

Electives -- 6 credit hours

ACC 382: Accounting and Financial Analysis (3)
CIS 300: Web Design and Development or GIT 215: Introduction to Web Authoring (3)
ENT 446: Venture Capital Experience (3)
ENT 447: Lean Launch (3)
ENT 448: Corporate Entrepreneurship (3)
LES 380: Consumer Perspective of Business Law or OMT 402: Legal Issues for Technologists (3)
MGT 380: Management and Strategy for Nonmajors or TMC 430: Enterprise Strategy and Innovation (3)
MKT 425: Global Marketing Management (G) (3)
TEM 294: Social Entrepreneurship I (3)
TEM 311: Opportunity Analysis (3)
TEM 394: Social Entrepreneurship II (3)
TEM 400: Technology Entrepreneurship (3)
TEM 481: Consulting Project (3)
TEM 482: Startup Workshop (3)
TMC 310: Promotion of the Enterprise or MKT 300: Marketing and Business Performance or MKT 390: Essentials of Marketing or AGB 420: Food Advertising and Promotion (3)

TMC 320: Funding the Enterprise or FIN 455: Entrepreneurial Finance (3)
TMC 330: Leading the Enterprise or MGT 300: Organization and Management Leadership or ENT 441: Entrepreneurial Management (3)
TMC 331: Quality Assurance (3)
TMC 410: Enterprise Operations (3)
TMC 470: Enterprise Planning and Implementation (3)

By petition, students can take two upper-division electives from their chosen discipline.
Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: None

Incompatible Majors: BS in technological entrepreneurship and management; BAS in applied science (operations management); BS in business entrepreneurship

Other Enrollment Requirements: The technological entrepreneurship and management minor is open to non-TEM undergraduate students. TEM students are not eligible to apply for this minor.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-technological-entrepreneurship-and-management/>)

Contact Information:

Engineering, Ira A. Fulton Schools of
Tech Entrepreneurship & Mgmt
<https://poly.engineering.asu.edu/tem/bs-in-technological-entrepreneurship-and-management/>
WANER 240
polyadvising@asu.edu
480-727-1874

Theatre Minor (FATHEMIN)

Campus: Tempe

Description:

Students pursuing the theatre minor study the literatures, histories and basic production practices of theatre while having opportunities to concentrate in an area such as:

- design and production
- directing and performance
- new work development
- theatre and performance studies
- theatre for youth

Program Requirements:

The school offers a minor in theatre consisting of 22 credit hours of coursework (12 credit hours must be upper-division). A grade of "C" (2.00) or higher is required for all courses in the minor. All prerequisites for the minor courses must be met (see course listings).

Transfer students may transfer up to 9 credit hours toward the minor.

Required Courses -- 13 credit hours

FMP 201: Film: The Creative Process I (HU) (3)
THE 100: Introduction to Theatre (HU) (3)
THE 322: Theatre History and Culture (HU & H) (3)
THF 101: Acting Introduction (3)

THP 201: Theatre Production Crew (1)

*Students considering a minor in Film concurrently must complete an additional course in Theatre or Film to make up for the overlapping FMP 201 course (and THF 101, if taken for the Filmmaking Practices concentration).

Theatre-Related Upper Division Courses -- 9 credit hours

THE OR THF OR THP OR FMP Upper Division Elective (9)

FMP courses must be Theatre-related.

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: None

Incompatible Majors: All theatre majors

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Design & the Arts, Herberger Institute for

School of Music, Dance and Theatre

<https://musicdancetheatre.asu.edu/>

GHALL 232

fdt@asu.edu

480-965-5337

Tourism Development and Management Minor (PPTDMMIN)

Campus: Downtown Phoenix

Description:

The minor program in tourism development and management provides students with the planning and development skills needed to enter the largest industry in the world. Exposure to the businesses of sustainable tourism, heritage tourism and meeting and convention planning prepares students for successful careers in the fast-growing travel and tourism industry.

The minor allows students enrolled in other undergraduate programs at ASU to broaden their educational experiences. Students from such various disciplines as business, communication and many others find this program a beneficial supplement to their existing program. Having completed the minor program in tourism development and management, a student also may complete a certificate in convention sales and meeting planning:

<https://scrd.asu.edu/programs/certificate/convention-sales-and-meeting-planning> (<https://scrd.asu.edu/programs/certificate/convention-sales-and-meeting-planning>).

Students also may choose to participate in a study abroad program.

Program Requirements:

The tourism development and management minor requires 15 credit hours: six credit hours of required core courses and nine credit hours of elective courses.

Required Core Courses -- 6 credit hours

TDM 205: Introduction to Travel and Tourism (G) (3)

TDM 480: Sustainable Tourism (3)

Elective Courses (choose three) -- 9 credit hours

PRM 145: Special Events Management (3)

TDM 225: Introduction to Resort and Hotel Management (3)

TDM 345: Meeting and Convention Planning (3)

TDM 350: Tourism, Recreation and Sports Marketing (3)
TDM 386: Convention Sales and Management (3)
TDM 415: Tourism Transportation Systems (3)
TDM 448: Heritage and Cultural Tourism (3)
TDM 458: International Tourism (G) (3)
TDM 483: Sports Tourism (3)
TDM 494: Special Topics (3)

Standards

1. 15 hours of graded classroom course work (no internship, no independent study)
2. minimum grade of "C" (2.00 on a 4.00 scale) required for all courses in the minor
3. students should be a junior to take 400-level courses
4. no double-counting of courses for a major and the minor

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: 2.00

Incompatible Majors: BS in tourism development and management; BS in tourism development and management (sustainable tourism); BS in tourism development and management (resort and hotel leadership); BA in business (tourism)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Public Service and Community Solutions, Watts College of
School of Community Resources and Development
<https://scrd.asu.edu>
UCENT 550
scrdadvising@asu.edu
602-496-0550

Transborder Chicana/o and Latina/o Studies Minor (LATCLMIN)

Campus: Tempe

Description:

In the transborder Chicana/o and Latina/o studies minor, students gain general knowledge about the Chicano and Latino populations in the United States and on the U.S.-Mexico border from a comparative perspective. The core requirements focus on these populations' cultural, economic, sociological, historical, psychological and artistic experiences. For the remaining credit hours, students may select from courses in a variety of topics including:

- community development
- diversity in education
- film and the media
- health issues
- immigration and migration
- language and bilingualism
- literature and performance
- politics and policy
- visual arts

Program Requirements:

The minor requires 18 credit hours of TCL coursework, of which at least 12 credit hours must be completed at the upper-division level. A grade of

"C" (2.00 on a 4.00 scale) or better is required for all courses used toward the minor.

Core Requirements -- 6 credit hours

TCL 201: Transborder Society and Culture I: Interdisciplinary Approaches (HU & C) or TCL 202: Transborder Society and Culture II: Contemporary Issues (SB & C) (3)

TCL 331 / HST 331: Mexican American History to 1900 (SB & H & C) or TCL 332 / HST 332: Mexican American History Since 1900 (SB & H & C) (3)

Electives -- 12 credit hours

TCL Elective (3)

TCL Upper Division Elective (9)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: None

Incompatible Majors: BA in transborder Chicana/o and Latina/o studies (all concentrations)

Other Enrollment Requirements: None

An ASU student who is pursuing a degree at any ASU campus may elect to add a minor offered at any other ASU campus.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Liberal Arts & Sciences, The College of

School of Transborder Studies

<https://sts.asu.edu/>

INTDSB 165

sts.undergrad@asu.edu

480-965-5091

Urban Planning Minor (ARPUPMIN)

Campus: Tempe, Online

Description:

The urban planning minor introduces students to the field of urban, regional and environmental planning. Students in the urban planning minor are exposed to the theories, methods and practices of the profession.

Some of the content area options available to students in the urban planning minor include:

- comprehensive planning
- planning law
- public policy formulation
- site planning
- socioeconomic and environmental analyses
- sustainable planning
- urban design

Program Requirements:

Completion of 18 credit hours is required for the minor, of which at least 12 must be upper-division. Each course must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher.

Required Course -- 3 credit hours

PUP 301: Introduction to Urban Planning (L) (3)

Urban Planning Electives -- 6 credit hours

PUP Elective (6)

Upper-Division Urban Planning Electives -- 9 credit hours

PUP Upper Division Elective (9)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: None

Incompatible Majors: BSP in urban planning

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu>)

Contact Information:

Liberal Arts & Sciences, The College of

School of Geographical Sciences and Urban Planning

<https://sgsup.asu.edu/degree-programs/undergraduate-minors-and-certificates/urban-planning>

COOR 5681

SGSUP.advising@asu.edu

480-965-7533

Urban and Metropolitan Studies Minor (PPURBMIN)

Campus: Downtown Phoenix

Description:

The minor program in urban and metropolitan studies offers students interested in the urban environment the opportunity to explore the wide variety of issues that influence the quality of life in urban communities. Students are encouraged to learn about cities as historical, social, cultural, economic and political phenomena in order to gain a strong understanding of the complex relationships that contribute to the problems and opportunities of urban living.

The program allows students enrolled in other undergraduate programs at ASU to broaden their educational experiences. Students from various disciplines such as planning, business, political science, nonprofit management and leadership, communication, social work, geography and many others might find this program a beneficial supplement to their existing program.

Program Requirements:

This minor requires 15 credit hours of course work, of which at least 9 credit hours must be upper-division. A grade of "C" (2.00 on a 4.00 scale) or better is required in each course. A minimum of 12 hours must be completed at ASU.

Required Courses -- 6 credit hours

PAF 351: Urban and Metropolitan Studies (3)

PAF 305: Urban Governance (3)

Core Courses (choose two of the following) -- 6 credit hours

PAF 220: Introduction to Urban America (3)

PAF 240: Urban Policy (C) (3)

PAF 302: Public Service Research Methods (3)

PAF 352: Urban Theory (3)

PAF 410: Building Leadership Skills (SB) (3)

Urban Elective (choose one course from the following subjects) -- 3 credit hours

ASB OR COM OR CRJ OR GCU OR GPH OR HST OR MGT OR NLM OR PAF OR POS OR PRM OR SBS OR SOC OR SOS OR SWU OR TDM OR TWC OR WST Elective (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: 2.00

Incompatible Majors: BA and BS in urban and metropolitan studies

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor. Students should contact their academic advisor for more information.

Contact Information:

Public Service and Community Solutions, Watts College of
School of Public Affairs

<https://spa.asu.edu/undergradminors>

UCENT 400

spa@asu.edu

602-496-0450

Wellness Foundations Minor (ECXWMIN)

Campus: Downtown Phoenix

Description:

The wellness foundations minor is offered to any ASU student interested in learning about optimizing personal health and wellness. Students develop a greater understanding of the behavioral, social, cultural and environmental factors that impact personal wellness behaviors and the better personal lifestyle choices that may enhance individual well-being. This course of study does not prepare students to pursue national certifications for professional practice in fields of study related to health, health coaching, fitness or wellness, but does allow the student to have a greater understanding and appreciation of how they can take control of their personal well-being and lead a healthier lifestyle.

Program Requirements:

The minor in wellness foundations consists of 18 credit hours, of which at least 12 credits must be upper division. The minor requires that students complete the following courses with a grade of "C" (2.00 on a scale of 4.00) or higher:

Required Courses -- 15 credit hours

EXW 325: Fitness for Life (3)

HEP 100: Introduction to Health and Wellness (SB) (3)

HEP 380: Body Image and Wellness (3)

HSC 300: Complementary Health Care (3)

NTR 100: Introduction to Nutrition Science or NTR 241: Human Nutrition (3)

Elective Course (choose one course) -- 3 credit hours

EXW 302: Fundamentals of Wellness (L) (3)

EXW 344: Impact of Physical Activity on Health and Disease (3)

EXW 400: Stress Management for Wellness (3)

EXW 450: Social Determinants of Health and Health Behavior ((L or SB) & C) (3)

HEP 350: Substance Abuse and Addictive Behavior (3)

NTR 345: Development of Healthy Cuisines (3)

NTR 348: Cultural Aspects of Food (SB & C & G) (3)

NTR 353: Perspectives on the Western Diet: Food, Health and Sustainability (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: 2.00

Incompatible Majors: BS in exercise and wellness; BS in health sciences; BS in the science of health care delivery; BS in health sciences (healthy lifestyles coaching)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Health Solutions, College of

College of Health Solutions

<https://chs.asu.edu/programs/wellness-foundations>

HLTHN 401AA

chs@asu.edu

602-496-3300

Women and Gender Studies Minor (ASWSTMIN)

Campus: West

Description:

The minor in women and gender studies is an interdisciplinary program emphasizing intersectional approaches to the study of gender, race, class, ethnicity and sexuality in national and transnational contexts.

Program Requirements:

The minor in women and gender studies consists of 18 credit hours. A minimum of 12 credit hours must be upper-division. A minimum of six credit hours must be taken from courses offered by the School of Humanities, Arts, and Cultural Studies. Elective courses should be chosen in consultation with an academic advisor prior to enrollment. All courses used to satisfy requirements for the minor must be passed with a "C" (2.00) or better.

Core Requirements -- 6 credit hours

HRC 200: Introduction to Social and Cultural Analysis (SB & C) (3)

WST 100: Women, Gender, and Society (SB & C) or WST 300: Women and Gender in Contemporary Society (SB & C) (3)

Electives (choose from the following) -- 12 credit hours

Courses used for Core Requirements cannot be used to satisfy the Elective Requirement.

ENG 454: Gender and Literature (L or HU) (3)

HST 328: Women in U.S. History, 1880-1980 ((HU or SB) & C & H) (3)

WST 220: Gender, Media and Culture (HU & C) (3)

WST 300: Women and Gender in Contemporary Society (SB & C) (3)

WST 333: Critical Perspectives on Sexuality (SB & C) (3)

WST 341: Latin American Women Writers (3)

WST 370: Chronicling Women's Lives (HU & C) (3)

WST 376: Feminist Theory (H & C) (3)

WST 380: Race, Gender, and Class (SB & C) (3)

WST 390 / REL 390: Women, Gender and Religion (HU & G) (3)

WST 428: Gender, Madness and Justice (SB) (3)

WST 430: Gender on the Borderlands (SB & G) (3)

WST 433 / ETH 433: Race and Sexualities in Social Justice Movements (3)

WST 444: Gender, Health, and Bodies (SB) (3)

WST 449: Hate Speech, Manifestos, and Radical Writings (SB & C) (3)
WST 457: Women, Cultures, and Societies (SB & G) (3)
WST 469: Abject Bodies and the Politics of Trash (SB & C) (3)
WST 473: Indigenous and Latina/Chicana Representation (SB & C) (3)
WST Upper Division Elective (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: None

Incompatible Majors: BA in social and cultural analysis (women and gender studies); BA in women and gender studies; BS in women and gender studies

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Humanities, Arts, and Cultural Studies
<https://newcollege.asu.edu/women-and-gender-studies-minor>
FAB N100
harc sadvising@asu.edu
602-543-3000

Women and Gender Studies Minor (LAWSTMIN)

Campus: Tempe, Online

Description:

In the minor program in women and gender studies, students complete a variety of courses that explore how gender and sexuality both impact and are affected by societies as a whole from around the world. The curriculum leads students to explore ideas about gender from an interdisciplinary perspective, to learn about social structures for different genders, and understand how these have been transformed by feminist theory and gender equality. This minor also explores prominent contemporary issues through the lenses of sexuality, race and religion.

Original undergraduate research is encouraged and some course options may involve studying community problems and formulating policy solutions. Students have the option to include a capstone seminar requiring original research or an internship that prepares students for life after college through real-world experience.

Program Requirements:

The women and gender studies minor consists of 18 credit hours, of which at least 12 must be upper-division. A minimum grade of "C" (2.00 on a 4.00 scale) is required for all courses in the minor.

Required Course -- 3 credit hours

WST 100: Women, Gender, and Society (SB & C) or WST 300: Women and Gender in Contemporary Society (SB & C) (3)

Elective Courses (choose one) -- 3 credit hours

WST 377: History of American Feminist Thought (H & C) (3)

WST 378: Global Feminist Theory (L & G) (3)

WST 380: Race, Gender, and Class (SB & C) (3)

Electives -- 12 credit hours

WST Elective (3)

WST Upper Division Elective (9)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: None

Incompatible Majors: BA in social and cultural analysis (women and gender studies); BS and BA in women and gender studies

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/minors/women-gender-studies>)

Contact Information:

Liberal Arts & Sciences, The College of
School of Social Transformation
<https://sst.asu.edu/content/women-and-gender-studies-minor>
WILSN 125
SSTadvising@asu.edu
480-965-7682

Writing, Rhetorics and Literacies Minor (LAWRHLMIN)

Campus: Tempe

Description:

The minor in writing, rhetorics and literacies teaches students strategies for inquiry. Students study the ways in which communication has, does and will create knowledge and action, and how communication is constructed, circulated, reacted to, and repurposed through time and place. Through differing tools of inquiry, students explore the history, theories and methods of inquiry as well as pragmatic and social actions of rhetoric, writing and literacies.

In short, the goal of this program is to educate citizens who can create new knowledge and reason, read, write and act in robust and significant ways to meet new challenges of the present and the future.

Program Requirements:

The minor in writing, rhetorics and literacies consists of 18 credit hours. At least 12 credit hours must be completed at the upper-division level, with a minimum of six upper-division credit hours from courses offered by The College of Liberal Arts and Sciences. Courses must be completed with a grade of "C" (2.00 on a scale of 4.00) or better to satisfy minor requirements.

Required Courses -- 6 credit hours

ENG 205: Introduction to Writing, Rhetorics and Literacies (L) (3)

ENG 390: Methods of Inquiry (L) (3)

Directed Electives (choose two) -- 6 credit hours

ENG 391: Writing in Context (3)

ENG 392: History of Rhetorical Theory (3)

ENG 393: Theories of Literacy (3)

Elective Minor Courses -- 6 credit hours

ENG 301: Writing for the Professions (L) (3)

ENG 311: Persuasive Writing (L) (3)

ENG 317: Cross-Cultural Writing ((L or HU) & G) (3)

ENG 338: Protest Literature (3)

ENG 370: Science, Values, and the Public (3)

ENG 371: Rhetoric of the Environmental Movement (3)
ENG 409: Analyzing Rhetoric (3)
ENG 419: Writing in Digital Spaces (3)
ENG 472: Rhetorical Studies (L) (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: None

Majors Ineligible to Add This Minor: BA in English - all concentrations

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and minor. Students should contact the department offering the minor for more information.

Contact Information:

Liberal Arts & Sciences, The College of
Department of English
<https://english.asu.edu/>
RBHL 170
englishadvising@asu.edu
480-965-3168

Youth Services Leadership Minor (HSYSLMIN)

Campus: Downtown Phoenix

Description:

The minor program in youth services leadership is designed to explore the area of youth leadership from the perspective of those who work face-to-face with youth in a variety of settings.

The minor allows students enrolled in a variety of undergraduate programs at ASU to broaden their knowledge of youth services. Students from programs such as education, nursing, social work, criminal justice and others may find this program a beneficial supplement to their existing program.

Program Requirements:

The minor requires 15 credit hours: six credit hours of required courses and nine credit hours of elective courses. At least nine credit hours must be upper division.

Required Core Courses -- 6 credit hours

PRM 203: Program Planning (3)
PRM 335: Sports and Recreation for Youth Development (3)
Notes: Offered spring semester only

Elective Courses (choose three) -- 9 credit hours

CRJ 204: Juvenile Justice (3)
CRD 302: Inclusive Community Development (SB & C) (3)
CRJ 462: Gangs (3)
NLM 220: Introduction to Nonprofit Organizations (3)
NLM 310: Volunteer Management (3)
NLM 451: Grant Writing (3)
Notes: Offered spring semester only
PRM 145: Special Events Management (3)
PRM 364: Foundations of Recreation Therapy (SB) (3)

PRM 455: Recreational Therapy with Children, Youth and Families (3)

Standards

1. 15 hours of graded classroom course work (no internship, no independent study)
2. minimum "C" (2.00 on a 4.00 scale) grade required for all courses in the minor
3. should be a junior to take 400-level courses
4. no double counting of courses for a major and the minor

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

GPA Requirement: 2.00

Incompatible Majors: BS in parks and recreation management; BS in parks and recreation management (therapeutic recreation); BS in community sports management; BS in recreation therapy

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Contact Information:

Public Service and Community Solutions, Watts College of

School of Community Resources and Development

<https://scrd.asu.edu/content/degree-programs>

UCENT 550

scrdadvising@asu.edu

602-496-0550

Undergraduate Programs

Undergraduate Certificates (Program Descriptions and Requirements)

Actuarial Science Certificate (LAACTCERT)

Campus: Tempe

Description:

Actuarial science is an area of mathematical and statistical science that requires expertise in specializations of probability and interest theory, coupled with a strong foundation in accounting, finance and economics. This certificate provides students with preparation for professional actuarial credentialing exams offered by the Society of Actuaries and the Casualty Actuarial Society.

Program Requirements:

Students must complete a minimum of 15 credit hours from the courses listed below. At least 12 credit hours must be upper-division courses. Specific course grades are required for each course; see notes below.

Required Course -- 3 credit hours

ACT 201: Introduction to Elements and Techniques of Actuarial Science (3)

Notes: "B" grade (3.00 on a 4.00 scale) or better is required in this course.

Electives -- 12 credit hours

A "B" grade (3.00 on a 4.00 scale) or better is required in the following courses: ACT 410, ACT 415, ACT 420, ACT 430, ACT 435, STP 427.

A "C" grade (2.00 on a 4.00 scale) or better is required in the following courses: ACT 440, ACT 441, ACT 450, ACT 451, ACT 484.

ACT 410: Mathematics of Finance (4)

ACT 415: Probability for Risk Management (3)

ACT 420: Ratemaking and Reserving (3)

ACT 430: Mathematics of Financial Derivatives (4)

ACT 435: Statistics for Risk Modeling (3)

ACT 440: Long-Term Actuarial Mathematics I (3)

ACT 441: Long-Term Actuarial Mathematics II (3)

ACT 450: Actuarial Models and Modeling I (3)

ACT 451: Actuarial Models and Modeling II (3)

ACT 484: Internship (3)

STP 427: Mathematical Statistics (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

Although no specific degree is required for admission to the actuarial science certificate program, a strong mathematical background is essential (found in majors such as mathematics, statistics, engineering and natural sciences). Students with a major or degree other than those listed will require additional preparation beyond the certificate. Students are required to have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") and grades of "B" or better in courses of multivariate calculus, linear algebra and introductory statistics at ASU or an equivalent institution.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Liberal Arts & Sciences, The College of
School of Mathematical and Statistical Sciences
<https://math.asu.edu>
WXLR A211
math@asu.edu
480-965-7195

African and African American Studies Certificate (LAAFRCERT)

Campus: Tempe

Description:

The certificate program in African and African American studies examines the culture, arts, history, politics, economics and current status of Africans, African Americans and the larger African diaspora, especially in Central America, South America and the Caribbean. The goal is to prepare students for lifelong learning, advanced study in a variety of fields, successful careers and productive public service in an increasingly diverse society.

Program Requirements:

The certificate consists of 15 credit hours, at least 12 of which must be completed at the upper-division level. All courses used toward the certificate must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher.

Required Core Course -- 3 credit hours

AFR 200: Introduction to Africana Studies (SB & G & H) (3)

AFR 210: Introduction to African American Studies (C) (3)

Elective Core Course -- 3 credit hours

AFR 300: Precolonial Africa (SB & G & H) (3)

AFR 301: Race and Racism in Africa/African Diaspora (SB & G) (3)

AFR 370 / FAS 370: Family Ethnic and Cultural Diversity (SB & C) (3)

AFR 375: Race, Gender and Sport (SB & C) (3)

Three Content Courses (from following list) -- 9 credit hours

AFR 336 / ASB 336: African Art (HU & G) (3)

AFR 340: The Making of Modern Africa (SB & G & H) (3)

AFR 345 / JUS 345: Peoples and Cultures of the Caribbean (SB & G & H) (3)

AFR 350 / APA 350 / CDE 350 / SOC 350 / TCL 360 / JUS 365: Inequality and Diversity in Education (L & C) (3)

AFR 352 / APA 352 / JUS 353: Borders, Prisons and Suburbs (SB & C) (3)

AFR 353 / AMS 353 / ENG 353 / ETH 353: African American Literature: Beginnings through the Harlem Renaissance ((L or HU) & C) (3)

AFR 354 / AMS 354 / ENG 354 / ETH 354: African American Literature: Harlem Renaissance to the Present ((L or HU) & C) (3)

AFR 363 / HST 333: African American History to 1865 (SB & H & C) (3)

AFR 364 / HST 334: African American History Since 1865 ((HU or SB) & C & H) (3)

AFR 365 / WST 364: Unruly Voices: Black Women and Cultural Narratives (HU & C) (3)

AFR 366 / ASB 366: African Archaeology: Precolonial Urban Culture (SB & H) (3)

AFR 372 / REL 362 / SGS 366: Islam and Islamic Societies in Africa: Social and Political History (G) (3)

AFR 373 / REL 363: Islam and World Affairs (G) (3)

AFR 420 / JUS 421: Race Ethnicity and Politics in the African Diaspora (SB & G) (3)

AFR 459 / ENG 459: Studies in African American/Caribbean Literatures ((L or HU) & G) (3)

AFR 466 / ASB 466: Peoples and Cultures of Africa (SB & G) (3)

AFR 470 / WST 471: Women's International Human Rights (3)

AFR 480 / REL 461 / SGS 442: Different Voices Within Contemporary Islamic Discourse (3)

Other courses may be used with approval from an academic advisor in the School of Social Transformation

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Liberal Arts & Sciences, The College of

School of Social Transformation

<https://sst.asu.edu/content/african-and-african-american-studies-certificate>

WILSN 125

SSTadvising@asu.edu

480-965-7682

American Indian Nation Governance Certificate (LAAIGVCERT)

Campus: Tempe

Description:

The American Indian nation governance certificate develops students' knowledge about and insight into government and governance in Native American communities. The curriculum covers themes ranging from the history, policies and sovereign status of American Indians to the legal relationships between the Native American nations and state governments as well as the U.S. federal government.

Students completing this certificate program will be better prepared to work with Indian nations, federal and state agencies, and nonprofit organizations, regardless of their academic major or final career path.

Program Requirements:

The certificate in American Indian Nation governance requires completion of 15 credit hours (12 of which must be upper-division and nine of which must be taken from the College of Liberal Arts and Sciences). Students complete six credit hours of American Indian studies and six credit hours of political science. An additional three credit hours are selected from the approved list of AIS and POS policy and applied courses, including an optional internship. All courses must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher for use in the certificate.

AIS Core Courses (choose two) -- 6 credit hours

AIS 180: Introduction to American Indian Studies (C) (3)

AIS 380: Contemporary Issues of American Indian Nations (C) (3)

AIS 470: Tribal Governance (3)

POS Core Courses (choose two) -- 6 credit hours

POS 310: American National Government (SB) (3)

POS 325: Public Policy Development (SB) (3)

POS 346: Problems of Democracy (HU) (3)

POS 368: Ethics and Human Rights (3)

POS 370: Law and Society (SB) (3)

POS 439: Minority Group Politics in America (SB & C) (3)

AIS or POS Policy and Applied Course (choose one) -- 3 credit hours

AIS 394: Reservation Economic Development (3)

AIS 445: American Indian Leadership and Resistance (SB & H & C) (3)

AIS 455: Human Rights and Cultural Resource Laws (3)

AIS 484: Internship (3)

AIS 494: American Indian and Indigenous Rights (3)

AIS 494: American Indian Rights (3)

AIS 498: Pro-Seminar (L) (3)

POS 484: Internship (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Liberal Arts & Sciences, The College of

American Indian Studies Program

<https://americanindian.asu.edu/>

DISCOVERY 356

AIS@asu.edu

480-965-3634

Analysis and Management of Insurance Risk Certificate (LAAMIRCERT)

Campus: Tempe

Description:

Risk management is the identification, assessment and prioritization of risks that is followed by coordination and economic application of resources to minimize risk and monitor the probability and impact of unfortunate events, or to maximize the realization of opportunity. The objective of risk management is to assure uncertainty does not deflect the endeavor from the business goals. The certificate program helps students become well-rounded business assessors of risk, ready to utilize their knowledge of mathematics, statistics, economics, marketing, business, finance and accounting in an insurance career.

Program Requirements:

The certificate requires 15 credit hours from the approved course list below, with the only required course being ACT 301.

Required -- 3 credit hours

ACT 301: Risk Management and Insurance (SB) (3)

Electives (choose four) -- 12 credit hours

ACT 201: Introduction to Elements and Techniques of Actuarial Science (3)

ACT 302: Fundamentals of Enterprise Risk Management (3)

ACT 320: Property and Casualty Insurance (3)

ACT 330: Life and Health Insurance (3)

ACT 370: R and Excel for Actuaries (3)

ACT 484: Internship (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

Students must hold a minimum GPA of 2.50 to pursue this certificate and have completed the following prerequisite courses at ASU or an equivalent institution with a grade of "C" or better (scale is 4.00 = "A"):

CIS 105 Computer Applications and Information Technology or equivalent
ECN 211 Macroeconomic Principles or ECN 212 Microeconomic Principles
MAT 210 Brief Calculus
STP 226 Elements of Statistics or ECN 221 Business Statistics

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student. Applicants should contact the unit for additional information.

Contact Information:

Liberal Arts & Sciences, The College of
School of Mathematical and Statistical Sciences

<https://math.asu.edu>

WXLR 211

math@asu.edu

480-965-7195

Applied Business Data Analytics Certificate (BABDACERT)

Campus: Tempe, Online

Description:

The certificate in applied business data analytics is for students who are interested in practical uses for computer-based tool suites that are capable of managing vast amounts of data. Students learn sophisticated but easy-to-use means to manage and analyze such data and to leverage the tools for making good decisions about projects, process designs and fundamental decision-making tasks. Exposure to predictive analytics and modeling, big data techniques, and visualization provides significant insight into the advanced uses of the computer-based tools. Critical thinking is an important skill and mindset that is required to establish and evaluate evidence-based benchmarks for making good decisions leading to high-quality outcomes.

Program Requirements:

The certificate in applied business data analytics requires 18 credit hours and is available to all majors. At least 12 credit hours must be upper-division.

To earn the certificate, students must complete all courses with a grade of "C" (2.00 on a scale of 4.00) or higher.

Required Courses -- 18 credit hours

CIS 105: Computer Applications and Information Technology (CS) (3)

CIS 308: Advanced Excel in Business (3)

CIS 309: Business Process Management (3)

CIS 310: Business Data Visualization (3)

CIS 405: Business Intelligence (3)

Any Statistics Course or CIS 394: Location Analytics for Business (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

The applied business data analytics certificate is open to all ASU students. The certificate application is accessed and submitted through Advising SOS at <https://wpcarey.asu.edu/SOS> (<https://wpcarey.asu.edu/SOS>).

No more than six credit hours may be shared between the certificate and other degree programs, minors or other certificates.

This certificate is available through the Pathways for the Future program: <https://pff.asu.edu/> (<https://pff.asu.edu/>). Applicants without a bachelor's degree are eligible to apply for, and receive, this certificate, through the Pathways for the Futures program. Applicants who already hold a bachelor's degree should apply to ASU and this certificate program as a nondegree-seeking graduate student.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/certificates/undergraduate-certificate-applied-business-data-analytics/>)

Contact Information:

Business, W. P. Carey School of

Department of Information Systems

<https://wpcarey.asu.edu/undergraduate-degrees/business-analytics-certificate>

BAC 601

wpcareyis@asu.edu

480-965-3252

Applied Cybersecurity Certificate (ASACSCERT)

Campus: Polytechnic, Tempe, West

Description:

The applied cybersecurity certificate program is designed to build competencies in security operations, risk assessment, network security, and governmental and regulatory compliance in an interdisciplinary learning setting.

Building upon core skills that students bring with them from their majors, students practice dealing with cyber threats and resolving issues from multiple perspectives. This certificate is an ideal supplement for students interested in careers in cybersecurity in both the private sector and within government agencies (FBI, Homeland Security, NSA, DOD) in positions such as:

- chief information security officer
- cyber risk analyst
- information security engineer
- network security engineer
- security operations center analyst

The program is offered through a collaboration between the New College of Interdisciplinary Arts and Science, the Ira A. Fulton Schools of Engineering and the W. P. Carey School of Business.

Program Requirements:

The certificate in applied cybersecurity consists of 15 credit hours; a minimum of 12 upper-division credit hours must be earned at ASU. Six credit hours must be unique and not count towards a student's undergraduate degree. All courses used to satisfy requirements for the certificate must be passed with a "C" (2.00) or better. Students must select courses from more than one prefix to fulfill certificate requirements.

Students must take CSE 365 or IFT 202 and one course each from groups A, B or C, and D; then one course from Group E for a total of five courses or 15 credit hours. It is recommended that the Group A course be taken concurrently with CSE 365 or IFT 202. The Group B or C and D

courses must be taken after successful completion of CSE 365 or IFT 202. Group A through D courses must be completed successfully before enrolling in the Group E required course.

Required Courses -- 3 credit hours

CSE 365: Information Assurance or IFT 202: Foundations of Information and Computer System Security (3)

Electives -- 9 credit hours

Group A - Security Operations and Risk Management -- 3 credit hours

ACO 461: Security Operations (3)

CIS 401: Managing Cyber Risks in Enterprise Business Processes (3)

IFT 381: Information System Security (3)

Group B - Systems and Network Security OR Group C - Forensics/Cyber Crime -- 3 credit hours

Group B - Systems and Network Security:

ACO 431: Network Security (3)

CSE 466: Computer Systems Security (3)

CSE 468: Computer Network Security (3)

IFT 458: Middleware Programming and Database Security (3)

IFT 475: Security Analysis (3)

Group C - Forensics/Cyber Crime:

CSE 469: Computer and Network Forensics (3)

FOR 350: Computer Forensics (3)

IFT 482: Network Forensics (3)

Group D - Policy -- 3 credit hours

ACO 351: Governance, Risk and Compliance (3)

CIS 402: Privacy, Ethics and Compliance Issues (3)

CSE 467: Data and Information Security (3)

IFT 483: Developing Security Policy (3)

Group E - Project -- 3 credit hours

Students may take more than one semester of the Applied Project but only three credit hours will count towards the certificate.

ACO 484: Internship or ACO 499: Individualized Instruction (3)

CIS 440: Capstone in Information Systems (L) (3)

CSE 485: Computer Science Capstone Project I (L) or CSE 486: Computer Science Capstone Project II (L) (3)

IFT 401: Information Technology Capstone Project I or IFT 402: Information Technology Capstone Project II (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

To enroll in this certificate program, students should have completed at least 45 credit hours in their declared majors and have a cumulative GPA of 2.00 or better.

Students should pay attention to the prerequisites needed for required certificate courses and make sure to complete prerequisite courses prior to enrolling in the certificate program.

CSE 365 Information Assurance has prerequisites of ACO 240, CIS 235, CSE 220 or CSE 240.

Prerequisites for ACO 240: ACO 102 or CSE 205, or GIS major with GIS 222, or software engineering graduate student

Prerequisites for CIS 235: CIS 105, 200 or 220; MAT 210, 211, 270 or 271

Prerequisites for CSE 220: CSE 205

Prerequisites for CSE 240: ACO 102 or CSE 205, or GIS major with GIS 222, or software engineering graduate student

IFT 202 Foundations of Information and Computer System Security has prerequisites of IFT 101, IFT 103 and IFT 166.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Mathematical and Natural Sciences
<https://newcollege.asu.edu/applied-cybersecurity-certificate>
FAB N100
MNSadvising@asu.edu
602-543-3000

Applied Social Sciences Certificate (ASAPSSCERT)

Campus: West

Description:

The certificate program in applied social sciences prepares students to apply social science tools to real-world problems. Students collaborate to develop case studies, engage in fieldwork, and learn both how to apply expert knowledge and how to communicate evidence. Working with stakeholders, students identify and solve problems, reform managerial structures and organizational systems, and drive social change.

The certificate program is recommended for students with academic or career interests in human resources, administration, journalism, social work, business, community and civic work as well as politics, organizing and advocacy, public policy, education and sustainability.

Program Requirements:

The certificate in applied social sciences requires a minimum of 15 credit hours (at least 12 must be upper-division), consisting of six core credit hours and nine credit hours of electives. Only courses in which a student receives a grade of "C" (2.00 on a 4.00 scale) or higher may be used to meet the certificate requirements.

Six credit hours must be completed through the School of Social and Behavioral Sciences in the New College of Interdisciplinary Arts and Sciences. A maximum of three credit hours of individualized instruction or internship may be applied toward the certificate. A maximum of six credit hours may be shared between the certificate and a New College major.

Electives are not limited to the certificate elective list; students should see their academic advisor prior to enrollment. Students are encouraged to take courses that develop breadth rather than limiting their selection to courses in one particular discipline.

Required Core Courses -- 6 credit hours

POS 350: Comparative Politics (SB & G) or SOC 331: Environmental Sociology (SB & G) (3)

SBS 304: Social Statistics I (CS) or SBS 404: Social Statistics II: Multivariate Analysis (CS) (3)

Elective Courses (minimum 6 upper-division) -- 9 credit hours

Students will select nine credit hours from courses where an applied project is assigned within a specific context. Selected courses must come from at least two of the following prefixes: ASB, JHR, POS, SBS or SOC.

ASB 339 / SBS 339 / POS 339 / SOC 339: Grassroots Social Movements (SB) (3)

ASB 340 / SOC 328: Migration and Culture (SB & G) (3)

ASB 394: Special Topics or JHR 394: Special Topics or POS 394 / SBS 394 / SOC 394: Special Topics (3)

ASB 442 / SBS 460: Global Cities (SB & G) (3)

ASB 484 / JHR 484 / POS 484: Internship or SBS 484: Internship or SOC 484: Internship (3)

ASB 494 / JHR 494 / POS 494 / SBS 494: Special Topics (3)

ASB 499 / JHR 499 / POS 499 / SBS 499 / SOC 499: Individualized Instruction (3)

GCU 373: Introduction to Geographic Information Science (SG) (4)

JHR 305: Theory and Practice of Social Justice and Human Rights (SB & G) (3)

POS 150: Comparative Government (SB & G) (3)

POS 350: Comparative Politics (SB & G) (3)

SOC 241: Modern Social Problems (SB) (3)

SOC 331: Environmental Sociology (SB & G) (3)

SOC 371: Inequality and Sustainability (3)

SOS 111: Sustainable Cities ((HU or SB) & G) (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Social and Behavioral Sciences
<https://newcollege.asu.edu/applied-social-sciences>
FAB N100
sbsadvising@asu.edu
602-543-3000

Arabic Studies Certificate (LAARBCERT)

Campus: Tempe

Description:

The certificate program in Arabic studies provides students with skills that enable them to communicate effectively in Arabic in the four areas of language acquisition: listening, reading, speaking and writing.

Simultaneously, students gain broad knowledge and understanding of the culture, literature and traditions of the vast Arabic-speaking world. The program provides critically needed educational and cultural diversity that enriches students' undergraduate experiences and prepares them for life as employees and employers.

Graduate students in the liberal arts, social sciences and humanities seeking academic or professional careers in any of the three disciplines also benefit from this certificate because of the added advantage the program gives them in the job market, given the demonstrably high need for graduates with knowledge of the Arabic language.

Program Requirements:

The Arabic studies certificate requires students to complete 18 credit hours of upper-division coursework. A grade of "C" (2.00 on a 4.00 scale) or better is required for each course.

Arabic Core (choose three) -- 9 credit hours

ARB 311: Advanced Arabic Skills I or ARB 411: Advanced Arabic Skills II (3)

ARB 321: Arabic Conversation I or ARB 421: Arabic Conversation II (3)

ARB 331: Arabic/Islamic Culture and Literature (HU & H & G) (3)

ARB 335: Arabic Culture and Islam (G) (3)

ARB 341: Quran Text and Women (HU & H) or ARB 351: Classical Arabic Literature (3)

ARB 352: Modern Arabic Literature in Translation or ARB 422: Advanced Arabic Media (3)

Elective Courses (choose three) -- 9 credit hours

Some courses can be used either as a core course or as an elective, but no course can be counted more than once toward certificate requirements.

ARB 321: Arabic Conversation I (3)

ARB 335: Arabic Culture and Islam (G) (3)

ARB 336: Introduction to the Qur'an (G) (3)

ARB 337: Hadith and Prophetic Tradition (3)

ARB 340: Arabic Translation (3)

ARB 341: Quran Text and Women (HU & H) (3)

ARB 351: Classical Arabic Literature (3)

ARB 352: Modern Arabic Literature in Translation (3)

ARB 360: Islamic Philosophical Literature (3)

ARB 421: Arabic Conversation II (3)

ARB 422: Advanced Arabic Media (3)

GCU 328: Geography of Middle East and North Africa (SB & G) (3)

HST 307: Studies in African History (H) (3)

HST 372: Modern Middle East (SB & G & H) (3)

REL 365: Islamic Civilization (HU & H) (3)

REL 366: Islam in the Modern World (HU & G) (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

Any student accepted into an appropriate degree program at ASU can declare the certificate in Arabic studies. Students should contact an academic advisor in the School of International Letters and Cultures for more information.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Liberal Arts & Sciences, The College of
School of International Letters and Cultures
<https://thecollege.asu.edu/content/arabic-studies-0>
LL 440
silcadvising@asu.edu
480-965-6281

Arts Entrepreneurship Certificate (HITHAECERT)

Campus: Tempe

ASU is not currently accepting applications for this program.

Description:

Arts entrepreneurship is an emerging transdisciplinary field that harnesses the skills and mindset of the entrepreneur to empower artists to create work that is meaningful, sustainable and oriented to community and market need. Students across art, dance, design, film, music and theatre disciplines benefit from the business, marketing and organizational skills offered by certificate courses as applied specifically to and within the arts.

Program Requirements:

The undergraduate certificate in arts entrepreneurship consists of 15 credits. A grade of "B" or better is required in HDA 252 and a grade of "C" or better is required in all other courses.

Core -- 3 credit hours

HDA 252: Foundations Arts and Design Entrepreneurship (3)

Arts Business Course (select two) -- 6 credit hours

ARA 396: Professional Practices for Design and the Arts (3)

ARA 460: Gallery Exhibitions (3)

DSC 394: Design Entrepreneurship & Society (3)

ENT 305: Principles of Entrepreneurship (3)

FMP 417: Business and Legal Practices in Entertainment (3)

HDA 420: Design and the Arts Business Administration (3)

MUP 438: The Enterprising Musician (3)

NLM 451: Grant Writing (3)

THP 351: Arts Management (3)

THP 450: Theatre Organization and Management (3)

Arts Policy, Community or Social Engaged Arts Course (select two) -- 6 credit hours

ARS 441: Public Art (3)

ART 442: Art and Community (3)

HDA 310: Socially Engaged Practice (3)

MUP 439: Music Product Creation and Development (3)

NLM 410: Social Entrepreneurship (3)

THP 452: Arts Entrepreneurship Seminar (3)

THP 482: Theatre for Social Change (C) (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

The certificate in arts entrepreneurship, meant to extend the study of an individual arts discipline, is available only to current students with a major within the Herberger Institute for Design and the Arts.

Students may be admitted to the certificate program upon completion of HDA 252 Foundations Arts and Design Entrepreneurship with a grade of "B" or better (scale is 4.00 = "A") and an overall GPA of 3.00 or higher. Students must submit an application to the Herberger Institute Office of

Student Success. Herberger Institute students meeting the course and GPA requirements may enroll in the certificate, and a Herberger Institute advisor will add the certificate plan code to the student's record.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Design & the Arts, Herberger Institute for
School of Music, Dance and Theatre
<https://musicdancetheatre.asu.edu/>
CDS 101D
fdt@asu.edu
480-965-4495

Arts and Humanities in Games Certificate (ASAHGCERT)

Campus: West

Description:

The certificate program in arts and humanities in games trains students who can design, develop, create and analyze games from holistic and interdisciplinary perspectives, and who can understand the utilization, consumption and real world impact of games in a diverse culture and society. The goal is to make students' minds more supple, critical in thinking, and expansive through an interdisciplinary approach that encompasses the design and development of toys and games as well as the qualitative study of them. The interdisciplinary approach helps students understand the impact of play on human mental, emotional and social growth.

This program, through foregrounding arts and humanities in the study of games, provides a complementary approach to the technically based study of games offered by the ASU Ira A. Fulton Schools of Engineering.

Program Requirements:

The certificate in arts and humanities in games consists of 18 credit hours; a minimum of 12 credit hours must be upper-division. A minimum of six upper-division credit hours must be completed through courses offered by the School of Humanities, Arts, and Cultural Studies. All courses used to fulfill the requirements for the certificate must be passed with a "C" (2.00) or better.

The certificate consists of six credit hours of required foundational courses, and nine credit hours from one of the following game emphasis areas: Toys and Games as Works of Art (Art Game Practitioner); Toys and Game Culture (Research Scholar); Game Writing (Game Design Practitioner); or Game Sound (Game Design Practitioner); and three credit hours of playworks portfolio.

Required Foundational Courses -- 6 credit hours

COM 124: Media and Culture (C) or IAP 222: Games and Ethics (3)

IAP 220: Introduction to Game Studies (3)

Game Emphasis Area -- 9 credit hours

Students must take two required courses and one elective from their selected emphasis area below. (9)

Toys and Games as Works of Art (Art Game Practitioner) Emphasis Area

Required:

IAP 362: Games and Narratology (3)

IAP 462: Games and Play (3)

Electives:

IAP 304: Traditions of the Avant-Garde and Experimental Art (L or HU) (3)

IAP 305: 20th and 21st Century Art, Performance, and Media (L or HU) (3)

IAP 352: Seeing and Drawing (3)

IAP 354: Visual Representation (3)

IAP 361: Digital Editing and Media Literacy (CS) (3)

Toys and Game Culture (Research Scholar) Emphasis Area

Required:

COM 457: New Media (3)

IAP 462: Games and Play (3)

Electives:

COM 312: Communication, Conflict, and Negotiation (3)

COM 324: Rhetoric and Media Criticism (3)

COM 416: Gender and Race in the Media (3)
COM 429: Semiotics and Visual Communication (3)
IAP 464: Media and Diversity (HU & G) (3)
IAP 471: Language, Culture, and Performance (L or HU) (3)

Game Writing (Game Design Practitioner) Emphasis Area

Required:

ENG 361: Scriptwriting (3)
IAP 362: Games and Narratology (3)

Electives:

ENG 379: Travel Writing (L) (3)
ENG 388: Intermediate Creative Writing Workshop in Fiction: Form, Theory, and Practice (3)
IAP 462: Games and Play (3)

Game Sound (Game Design Practitioner) Emphasis Area

Required:

IAP 362: Games and Narratology (3)
IAP 421: Composition: Process, Technique, and Style II (3)

Electives:

IAP 322: Multitrack Digital Recording (3)
IAP 325: Sound Performance: Exploring Alternative Performance Groups (3)
IAP 462: Games and Play (3)
IAP 469: Advanced Audio Production (3)

Portfolio -- 3 credit hours

IAP 496: Playworks Portfolio (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Humanities, Arts, and Cultural Studies
<https://newcollege.asu.edu/arts-and-humanities-in-games>
FAB N100
HARCSadvising@asu.edu
602-543-3000

Arts in Education Certificate (HIAEDCERT)

Campus: Tempe

Description:

The certificate program in arts in education is specifically designed for prospective preK-8 educators who wish to enhance their teaching practices by developing the necessary skills to use the arts throughout the curriculum. By weaving the principles and practices of the arts and other disciplinary curricula together, teachers can create rich and engaging environments that enhance student learning by capitalizing on the critical thinking, communication, collaboration and creativity inherent in the arts and arts experiences.

Program Requirements:

The certificate in arts in education requires 18 credit hours (12 upper-division). All upper-division courses must be completed with a minimum grade of "C" (2.00).

Arts Education Lower-Division Core -- 6 credit hours

ARA 195: Art in My World (HU) (3)
ART 110: Drawing as Seeing and Thinking (HU) (3)
FMP 222: Education in Film (L) (3)

MUS 210: The Arts Around Us (HU) (3)
MUS 211: Dance, Music and Meaning (HU) (3)
MUS 212: Music, Meaning and Imagination (HU) (3)
MUS 213: Critical Thinking in the Arts (HU) (3)
MUS 214: Art, Music and Learning (HU) (3)
THP 212: Puppetry with Children (3)

Arts Education Upper-Division Core -- 9 credit hours

ARA 311: Art Appreciation and Human Development (HU) (3)
ARE 301: Studio Art and Human Development (3)
ARE 494: Special Topics (3)
DCE 350: Dance in the Classroom: Learning Through Movement (HU) (3)
MUE 310: Music in Early Childhood (HU) (3)
MUE 311: Music in the Lives of Children and Youth (HU) (3)
THP 311: Creative Drama with Youth (L) (3)

Arts Elective Course -- 3 credit hours

Some courses are fewer than three hours and may be repeated for credit.

ARS 300: Introduction to Art (HU) (3)
DCE 300: Moving Histories (HU) (3)
DCE 301: Meaning in Motion (L or HU) (3)
DCE 303: The Body Condition(ed) (SB) (3)
DCE 402: Ethnography of Dance Practices (L) (3)
DCE 404: Dance and Ethics (3)
DCE 405: Rhetorical Moves (L or HU) (3)
MUP 442: Instrumental Ensembles (1-2)
MUP 443: Choral Ensembles (1-2)
MUP 444: Concert Winds (1-2)
MUP 450: Choral Union (1-2)
MUP 455: Arizona Statesmen (1-2)
MUP 457: Women's Chorus (1-2)
MUP 459: Barrett Choir (1-2)
MUP 489: Ethnomusicology Ensembles (1)
MUS 340: Music for the Concert Hall, Stage, and Screen (HU & H) (3)
MUS 347: Jazz in America (HU & C) (3)
MUS 354: Jazz Giants (HU) (3)
MUS 355: American Music (HU & C & H) (3)
MUS 356: Broadway and the American Musical (HU) (3)
MUS 362: Rap Music and Hip Hop Culture (HU & C) (3)
MUS 494: Special Topics (1-4)
THE 322: Theatre History and Culture (HU & H) (3)
THP 411: Methods of Teaching Drama (3)
THP 482: Theatre for Social Change (C) (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Design & the Arts, Herberger Institute for
Dean, Herberger Institute for Design and the Arts
<https://herbergerinstitute.asu.edu>
CDS 101
HerbergerAdmissions@asu.edu
480-965-4495

Asian Pacific American Studies Certificate (LAAPACERT)

Campus: Tempe

Description:

Asian Pacific American studies addresses the historical and contemporary experiences of Asian Americans and Pacific Islanders, what they have contributed to our society, and the complexity of racial formations in the U.S. The certificate program encourages students to learn about local Asian American and Pacific Islander communities and organizations through research, courses and community internships.

Program Requirements:

The certificate consists of 18 credit hours, of which at least 12 must be completed at the upper-division level. Nine credit hours of core coursework are required and the remaining nine credit hours are selected from any of the courses with an APA prefix. At least nine credit hours must be taken in residency at ASU. All courses must be completed with a grade of "C" (2.00 on a 4.00 scale) or better.

Required Core Courses -- 9 credit hours

APA 200: Introduction to Asian Pacific American Studies ((HU or SB) & C) (3)

APA 360: Asian Pacific American Experience ((HU or SB) & C) (3)

APA 484: Internship (3)

*One APA 360 course is required for the core. The course may be repeated for credit with these different topics: Chinese American; Filipino American; Japanese American; Multiracial Experiences; Pacific Islander.

Electives -- 9 credit hours

APA Elective (3)

APA Upper Division Elective (6)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Liberal Arts & Sciences, The College of

School of Social Transformation

<https://sst.asu.edu/content/asian-pacific-american-studies>

WILSN 125

SSTadvising@asu.edu

480-965-7682

Asian Studies Certificate (LAASNCERT)

Campus: Tempe

Description:

The Asian studies certificate supplements a bachelor's degree and demonstrates knowledge of an Asian language as well as general knowledge of Asian history, art, culture and society. The certificate provides students with official transcript recognition of specialization in Asian studies.

Program Requirements:

The certificate requires 24 credit hours of approved coursework, in addition to proficiency in an Asian language. 15 credit hours of upper-division area studies coursework must be chosen from at least four different disciplines, e.g., language and cultures, history, religious studies, anthropology, geography, political science, global studies, art and music. Courses from other disciplines may be used by approval. The remaining nine credit hours may be chosen in any combination.

At least six upper-division hours in the certificate must be in courses offered by The College of Liberal Arts and Sciences. A minimum grade of "C" (2.00 on a 4.00 scale) is required for each course that is used to fulfill the certificate requirements.

Language Requirement

Students must demonstrate proficiency in an Asian language by completing the 201 and 202 course sequence, one year of study abroad at the intermediate level or satisfactory performance on a proficiency exam. Asian languages include Chinese, Hindi, Indonesian, Japanese, Korean, Thai,

Vietnamese.

Disciplinary Electives -- 24 credit hours

Upper Division Disciplinary Electives (15)

At least four different disciplines must be represented within the upper-division disciplinary electives (e.g., history, religious studies, global studies, anthropology). Cross-listed courses will only apply to the certificate under one discipline; students may choose the discipline that is most advantageous.

Disciplinary Electives (9)

Students select the remaining disciplinary electives from the lists below in any combination.

Anthropology

ASB 325: Peoples of Southeast Asia (G) (3)

Art History

ARS 201: Art of Asia (HU & H & G) (3)

ARS 444: Films of India (3)

ARS 472: Art of China (HU) (3)

ARS 473: Art of Japan (HU) (3)

ARS 475: Chinese Painting (HU) (3)

Cultural Geography

GCU 240: Introduction to Southeast Asia ((HU or SB) & G) (3)

GCU 326: Geography of Asia (SB & G) (3)

GCU 432: Geography of China (SB & G) (3)

GCU 433: Geography of Southeast Asia (3)

Dance

DCE 114: Dances of India I (2)

Film and Media Studies

FMS 426: Films of India (3)

Global Studies

SGS 240: Introduction to Southeast Asia ((HU or SB) & G) (3)

SGS 245: Introduction to India and South Asia (HU & H & G) (3)

SGS 381: Modern Southeast Asia (SB & G & H) (3)

History

HST 106: Asian Civilizations ((HU or SB) & G & H) (3)

HST 108: Introduction to Japan (SB & G & H) (3)

HST 111: Introduction to Asia (HU & H & G) (3)

HST 240: Introduction to Southeast Asia ((HU or SB) & G) (3)

HST 245: Introduction to India and South Asia (HU & H & G) (3)

HST 302: Envisioning Peace ((HU or SB) & G & H) (3)

HST 302: Women, War and Peace ((HU or SB) & G & H) (3)

HST 303: Studies in Asian History (SB & H) (3)

HST 336: Islamic Civilization (HU & H) (3)

HST 339: Islam in the Modern World (HU & G) (3)

HST 383: China (SB & H) (3)

HST 384: Modern China: 1700 to the Present (SB & G & H) (3)

HST 385: History of Chinese Medicine (HU & H & G) (3)

HST 386: Interpreting China's Classics ((L or HU) & H) (3)

HST 387: Japan ((L or SB) & H) (3)

HST 388: Japan (SB & G & H) (3)

HST 389: Japan Society and Values/Premod (3)

HST 391: Modern Southeast Asia (SB & G & H) (3)

HST 392: Modern India (3)

HST 451: Chinese Cultural History I ((HU or SB) & H) (3)

HST 452: Chinese Cultural History II (SB & G & H) (3)

HST 456: The Vietnam War (SB & G & H) (3)

HST 459: Gandhi and the Politics of Nonviolence (3)

Language and Cultures

CHI 120 / SLC 120: Introduction to Chinese Culture (L or HU) (3)
 CHI 205: Chinese Calligraphy (1)
 CHI 307: Introduction to Literary Chinese I (HU) (3)
 CHI 308: Introduction to Literary Chinese II (HU) (3)
 CHI 321: Chinese Literature (HU) (3)
 CHI 322: Chinese Literature (HU & G) (3)
 CHI 333 / SLC 333: China (SB & H) (3)
 CHI 336 / SLC 336: Interpreting China's Classics ((L or HU) & H) (3)
 CHI 338: The Daoist Bible: The Daode jing (L or HU) (3)
 CHI 343: Daoism ((L or HU) & G & H) (3)
 CHI 345: Chinese Film and Civilization (3)
 CHI 346: Chinese Religions (3)
 CHI 348: Pathways into Chinese Culture (3)
 CHI 451 / SLC 451: Chinese Cultural History I ((HU or SB) & H) (3)
 CHI 452 / SLC 452: Chinese Cultural History II (SB & G & H) (3)
 CHI 470: Modern Chinese Literature and Culture (3)
 JPN 115: Japanese Popular Culture: Anime, Manga, and Film (G) (3)
 JPN 315: The Language of Japanese Popular Culture I: Gender and Onomatopoeia/Mimesis (G) (3)
 JPN 316: The Language of Japanese Popular Culture II: Honorifics and Dialects (G) (3)
 JPN 401: Reading Modern Japanese Texts I ((L or HU) & G) (3)
 JPN 414: Introduction to Classical Japanese (3)
 JPN 415: Advanced Classical Japanese (3)
 JPN 485: Literary Translation: Theory and Practice (3)
 KOR 250: Korean Culture and Society (HU & G) (3)
 KOR 321 / SLC 321: Modern Korean Literature (HU) (3)
 KOR 347: Korean Film and Literature (HU) (3)
 KOR 350: Women of Korea (H) (3)
 KOR 354: Religions of Korea (HU) (3)
 KOR 375 / SLC 375: Intercultural Communication in Korea (3)
 KOR 415 / SLC 415: Korean Popular Culture (HU & G) (3)
 KOR 457 / SLC 457: Premodern Korea in a Global Context (3)
 SLC 245: Introduction to India and South Asia (HU & H & G) (3)
 SLC 334: Modern China: 1700 to the Present (SB & G & H) (3)
 VTN 321: Advanced Vietnamese and Literature I (HU & G) (3)
 VTN 322: Advanced Vietnamese and Literature II (HU & G) (3)

Music

MUP 489: Gamelan (1)

Political Science

POS 240: Introduction to Southeast Asia ((HU or SB) & G) (3)
 POS 245: Introduction to India and South Asia (HU & H & G) (3)
 POS 357: South Asia Politics (SB & G) (3)
 POS 358: Southeast Asia (SB & G) (3)
 POS 452: China (SB & G) (3)
 POS 468: Comparative Asian Foreign Policies (SB & G) (3)

Religious Studies

REL 111: Introduction to Asia (HU & H & G) (3)
 REL 240: Introduction to Southeast Asia ((HU or SB) & G) (3)
 REL 245: Introduction to India and South Asia (HU & H & G) (3)
 REL 338: The Daoist Bible: The Daode jing (L or HU) (3)
 REL 343: Daoism ((L or HU) & G & H) (3)
 REL 344: Religion and Values in Japanese Life (HU & G) (3)
 REL 345: Asian Religious Traditions (HU & G) (3)
 REL 346: Chinese Religions (3)
 REL 347: Religions of India: Peace and Conflict ((L or HU) & G) (3)
 REL 348: Religion and Culture in Southeast Asia (3)
 REL 350: Hinduism ((L or HU) & G) (3)
 REL 351: Buddhism ((L or HU) & G) (3)
 REL 352: Modern Buddhism (3)
 REL 354: Religions of Korea (HU) (3)
 REL 355: Japanese Cities and Cultures to 1800 (HU) (3)
 REL 357: Theravada Buddhism in South and Southeast Asia ((L or HU) & G) (3)

REL 364: Islam in Eurasia and Central Asia (3)
REL 365: Islamic Civilization (HU & H) (3)
REL 366: Islam in the Modern World (HU & G) (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

GPA Requirement: None

Incompatible Majors: BA in Asia studies (East Asia); BA in Asia studies (South Asia); BA in Asia studies (Southeast Asia)

Other Admission Requirements: None

There are no specific admission requirements other than a student's desire to learn about Asia. To add the certificate, students must consult with an academic advisor in the School of Historical, Philosophical and Religious Studies.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

For disclosure information about this U.S. Department of Education Gainful Employment program, students should see <https://catalog.asu.edu/files/disclosures/LAASNCERT/Gedt.pdf> (<https://catalog.asu.edu/files/disclosures/LAASNCERT/Gedt.pdf>).

Contact Information:

Liberal Arts & Sciences, The College of
Historical, Philosophical & Religious Studies, Sch
<https://shprs.asu.edu/node/189>
COOR 3307
SHPRSadvising@asu.edu
480-965-8364

Atmospheric Sciences Certificate (LAATMSCERT)

Campus: Tempe

Description:

Students in the atmospheric sciences certificate program gain a focused understanding of weather, climate and the various related methods of measurement and instrumentation. The coursework is designed to give students the knowledge and skill set necessary to approach meteorological-related programs through the lens of their primary field of study.

The curriculum of the certificate program is also associated with the requirements for certification as a meteorologist by the National Weather Service. Through completion of both the atmospheric sciences certificate and the BS program in geography with a concentration in meteorology-climatology, students acquire the skills in GIS and meteorological instrumentation required for national-level certification with the National Weather Service.

Program Requirements:

The certificate requires 21 credit hours with a "C" (2.00 on a 4.00 scale) or higher. At least 12 of the 21 credit hours must be upper-division coursework.

Required Courses -- 18 credit hours

GPH 212: Introduction to Meteorology (SQ) (3)
GPH 213: Climate and Weather (SG) (3)
GPH 412: Physical Meteorology (3)
GPH 413: Meteorological Instruments and Measurement (3)
GPH 414: Climate Change (G) (3)
MAT 275: Modern Differential Equations (MA) (3)

Upper-Division Elective -- 3 credit hours

GIS 311: Geographic Information Science III (CS) (4)
GIS 341: Cartography and Georepresentation (CS) (3)

GIS 351: Air Photo Interpretation (3)
GPH 314: Global Change (HU & G) (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

Applicants must have completed GPH 111 Introduction to Physical Geography, MAT 271 Calculus with Analytic Geometry II, and PHY 121 University Physics I: Mechanics with a grade of "C" or better (scale is 4.00 = "A").

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Liberal Arts & Sciences, The College of
School of Geographical Sciences and Urban Planning
<https://sgsup.asu.edu/atmospheric-sciences>
COOR 5681
SGSUP.advising@asu.edu
480-965-7533

Biomedical Research Certificate (ASBMRCERT)

Campus: West

Description:

The biomedical research certificate program combines authentic research experience conducted in laboratories of practicing academic scientists with upper-division coursework, including laboratory courses, that allow for specialization in given subject areas.

The program is intended to serve students seeking competency in addressing scientific questions in the laboratory and prepares them to be highly competitive for careers in the research sector or to pursue graduate and professional schools, such as medical school.

The program is offered by ASU's New College of Interdisciplinary Arts and Sciences.

Program Requirements:

The certificate in biomedical research requires a minimum of 15 credit hours (at least 12 must be upper-division). 12 credit hours must be taken at ASU. Nine credit hours must be counted toward the certificate alone and may not be shared with a student's major requirements. Only courses in which a student received a grade of "C" (2.00 on a 4.00 scale) or higher may be used to meet certificate requirements.

Core Requirement -- 3 credit hours

STP 280: Probability and Statistics for Researchers (CS) (3)

Upper Division Elective Requirements -- 8 credit hours

BCH 371: Modern Concepts in Biochemistry AND BCH 372: Modern Concepts in Biochemistry Laboratory (4)

BIO 353: Cell Biology AND BIO 354: Cell Biology Laboratory (4)

BIO 360: Animal Physiology AND LSC 359: Animal Physiology Laboratory (4)

BIO 443: Applied Molecular Genetics and Genomics AND LSC 447: Molecular Genetics Laboratory (4)

MIC 443: The Microbial Universe AND MIC 444: The Microbial Universe Laboratory (4)

Other Certificate Requirements (choose one option below) -- 4 credit hours

Option A -- 4 credit hours

If choosing Option A, complete three credit hours of Research Fundamentals for the Natural Sciences (any subject area) and one credit hour of Individualized Instruction or Supervised Research (any subject area).

ENV 388: Research Fundamentals for the Natural Sciences (L) AND ENV 499: Individualized Instruction (4)

FOR 388: Research Fundamentals for the Natural Sciences (L) AND FOR 499: Individualized Instruction (4)

LSC 388: Research Fundamentals for the Natural Sciences (L) AND LSC 499: Individualized Instruction (4)

PLB 388: Research Fundamentals for the Natural Sciences (L) AND PLB 499: Individualized Instruction (4)

PTX 388: Research Fundamentals for the Natural Sciences (L) AND PTX 499: Individualized Instruction (4)

Option B -- 4 credit hours

If choosing Option B, take two credit hours of Individualized Instruction or Supervised Research (any subject area) in each of two consecutive semesters.

ACO 399: Supervised Research or ACO 499: Individualized Instruction (4)

ENV 499: Individualized Instruction (4)

FOR 499: Individualized Instruction (4)

LSC 499: Individualized Instruction (4)

MAT 499: Individualized Instruction (4)

PLB 499: Individualized Instruction (4)

PTX 499: Individualized Instruction (4)

STP 499: Individualized Instruction (4)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

This certificate requires a cumulative GPA of 3.00 in ASU coursework and upper-division standing or graduate student status.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Interdisciplinary Arts & Sciences, New College of

School of Mathematical and Natural Sciences

<https://newcollege.asu.edu/biomedical-research>

FAB N100

mnsadvising@asu.edu

602-543-3000

Biomimicry Certificate (SUBMYCERT)

Campus: Tempe

Description:

The undergraduate biomimicry certificate is an 18 credit hour interdisciplinary opportunity for students from a variety of backgrounds and any major.

The biomimicry undergraduate certificate is designed to address the growing interest in biomimicry knowledge and training, and students who complete the certificate are able to integrate biomimicry principles and tools into their prospective career.

The biomimicry certificate consists of four core classes, one elective course within the student's discipline, and a practicum capstone course offered through either the student's discipline or BMY 430 Biomimicry Practicum.

Program Requirements:

Students must earn a grade of "B" or better in all biomimicry certificate courses.

Core Courses -- 12 credit hours

BMY 230 / BIO 230: How Nature Works (3)

BMY 302: Principles of Life (3)

BMY 304: The Practice of Biomimicry (3)

SOS 110: Sustainable World (SB) (3)

Elective -- 3 credit hours

Upper Division Elective course that is biomimicry-related and ideally makes a connection between the student's major and the certificate (3)

Capstone -- 3 credit hours

BMY 430: Biomimicry Practicum (3)

Notes: Students may take a biomimicry-focused capstone in their corresponding major upon approval from the School of Sustainability and The Biomimicry Center.

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this

certificate.

Enrollment Requirements:

Students must have a 3.00 GPA in order to add the undergraduate certificate in biomimicry.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Global Futures, College of
School of Sustainability
<http://biomimicry.asu.edu>
WGHL 108
sosadvising@asu.edu
480-727-6963

Brazilian Studies Certificate (LABZSCERT)

Campus: Tempe

Description:

The certificate program in Brazilian studies encourages students to create a plan of study focusing on current sociocultural influences that will allow them to compete more successfully in the global job market.

Students pursue coursework in important areas, including complementary courses in specific issues in Brazilian culture, the examination of major themes in Brazilian popular and urban culture with particular emphasis on Afro-Brazilian society, a grounding in the major texts of Brazilian literature, and proficiency in the Portuguese language at the intermediate level.

Program Requirements:

The Brazilian Studies Certificate requires 18-20 credit hours of Portuguese language and elective culture content coursework, of which 12 credit hours must be upper-division. A grade of "C" (2.00 on a 4.00 scale) or better is required in all coursework. Students choose one two-course language sequence for a total of 6-8 credit hours of Portuguese language. Course substitutions may be permitted for heritage speakers of Portuguese based on their proficiency level as determined by a Portuguese placement test. The language course substitution for advanced speakers of Spanish language can be satisfied by the two-course POR 320 and POR 321 sequence.

Portuguese Language -- 6 credit hours

Choose one two-course sequence for 6-8 credit hours. The upper-division two-course language sequence is 6 credit hours total.

POR 101: Elementary Portuguese I AND POR 102: Elementary Portuguese II (8)

POR 201: Intermediate Portuguese I (G) AND POR 202: Intermediate Portuguese II (8)

POR 313: Portuguese Conversation and Culture (G) AND POR 314: Portuguese Composition and Culture (G) (6)

Notes: POR 313 and POR 314 may be applied to either Portuguese Language or to Upper-Division Electives but may not be applied and counted in both categories for this certificate.

POR 320: Portuguese for Spanish Speakers I AND POR 321: Portuguese for Spanish Speakers II (6)

Upper-Division Electives -- 12 credit hours

GCU 323: Geography of Latin America (SB & G) (3)

GCU 485 / PUP 485: International Field Studies (G) (3)

POR 313: Portuguese Conversation and Culture (G) (3)

POR 314: Portuguese Composition and Culture (G) (3)

POR 394: Special Topics (3)

POR 472: Luso-Brazilian Civilization (HU & G) (3)

POR 484: Internship (3)

POR 493: Honors Thesis (L) (3)

POR 494: Special Topics (3)

POR 499: Individualized Instruction (3)

*Other courses may be used with approval from the faculty coordinator and academic advisor in the School of International Letters and Cultures.

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Liberal Arts & Sciences, The College of
School of International Letters and Cultures
<https://silc.asu.edu/degrees/undergrad/minor-certs>
LL 440
silcadvising@asu.edu
480-965-6281

Child Life Certificate (LACHLFCERT)

Campus: Downtown Phoenix, Tempe

Description:

Child life specialists are experts in child development who promote effective coping skills in children facing challenges related to health care and hospitalization.

This transdisciplinary program offered through the School of Community Resources and Development and the T. Denny Sanford School of Social and Family Dynamics is designed to assist students to prepare for the national qualifying child life exam. A portion of the national certification exam eligibility requirements, as outlined by the Child Life Council, are met by obtaining this certificate.

Program Requirements:

The program requires 21 credit hours, consisting of 18 credit hours of graded classroom coursework plus a three credit hour practicum. All courses must be completed with a grade of "B" (3.00 on a 4.00 scale) or better.

Required Courses -- 21 credit hours

- CDE 337: Early Childhood Intervention (3)
- CDE 450: Child Dysfunction in the Family (3)
- PRM 364: Foundations of Recreation Therapy (SB) (3)
- PRM 384: Recreational Therapy Practicum (3)
- PRM 406: Program Design and Administration in Recreation Therapy (3)
- PRM 455: Recreational Therapy with Children, Youth and Families (3)
- PRM 460: Assessment & Documentation in Recreation Therapy (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

Students wishing to pursue the child life certificate must complete two prerequisites before applying for the program:

- CDE 232 Human Development with a grade of "B" (scale is 4.00 = "A") or higher
- CDE 338 Child Development Practicum (or comparable experience working with children, as determined by the director of the child life certificate)

For additional information and application, students should consult with an academic advisor in either the School of Community Resources and Development or the Sanford School.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Liberal Arts & Sciences, The College of
Sanford School of Social and Family Dynamics
<https://thesanfordschool.asu.edu>

SS 144
email@thesanfordschool.org
480-965-6978

Child Life Certificate (LACHLFCERT)

Campus: Downtown Phoenix, Tempe

Description:

Child life specialists are experts in child development who promote effective coping skills in children facing challenges related to health care and hospitalization.

This transdisciplinary program offered through the School of Community Resources and Development and the T. Denny Sanford School of Social and Family Dynamics is designed to assist students to prepare for the national qualifying child life exam. A portion of the national certification exam eligibility requirements, as outlined by the Child Life Council, are met by obtaining this certificate.

Program Requirements:

The program requires 21 credit hours, consisting of 18 credit hours of graded classroom coursework plus a three credit hour practicum. All courses must be completed with a grade of "B" (3.00 on a 4.00 scale) or better.

Required Courses -- 21 credit hours

CDE 337: Early Childhood Intervention (3)

CDE 450: Child Dysfunction in the Family (3)

PRM 364: Foundations of Recreation Therapy (SB) (3)

PRM 384: Recreational Therapy Practicum (3)

PRM 406: Program Design and Administration in Recreation Therapy (3)

PRM 455: Recreational Therapy with Children, Youth and Families (3)

PRM 460: Assessment & Documentation in Recreation Therapy (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

Students wishing to pursue the child life certificate must complete two prerequisites before applying for the program:

- CDE 232 Human Development with a grade of "B" (scale is 4.00 = "A") or higher
- CDE 338 Child Development Practicum (or comparable experience working with children, as determined by the director of the child life certificate)

For additional information and application, students should consult with an academic advisor in either the School of Community Resources and Development or the Sanford School.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Liberal Arts & Sciences, The College of
Sanford School of Social and Family Dynamics
<https://thesanfordschool.asu.edu>
SS 144
email@thesanfordschool.org
480-965-6978

Civic Education Certificate (LACVECERT)

Campus: Tempe

Description:

The civic education certificate program helps prepare undergraduate students for careers in primary and secondary education where the teaching of government and civics may be involved. The program is also preparation for careers or participation in politics, public service, civic and social movements and for further education in law, journalism, business, history, sociology, political science, public administration, social work and other

fields where an understanding of questions of citizenship, leadership, community, democracy, public responsibility and ethics is crucial.

Program Requirements:

The certificate in civic education is comprised of 15 credit hours in political science. At least 12 credit hours must be upper-division. A minimum of six upper-division credit hours must be taken in courses offered by The College of Liberal Arts and Sciences. Courses must be completed with a grade of "C" (2.00 on a scale of 4.00) to fulfill minor requirements.

Theoretical Foundations -- 6 credit hours

POS 210: Political Ideologies (SB) (3)

POS 442: American Political Thought (HU) (3)

Topics in Political Theory (choose one) -- 3 credit hours

POS 340: History of Political Philosophy I (HU & H) (3)

POS 341: History of Political Philosophy II (HU & H) (3)

POS 346: Problems of Democracy (HU) (3)

POS 443: Topics in Contemporary Political Theory (HU) (3)

POS 475: Morality and Politics (3)

Civics in Action (choose two) -- 6 credit hours

POS 313: The Congress (SB) (3)

POS 314: The American Presidency (SB) (3)

POS 315: The Supreme Court (SB) (3)

POS 325: Public Policy Development (SB) (3)

POS 332: American Political Parties (SB) (3)

POS 333: Interest Groups (SB) (3)

POS 348: Do You Want to Build a Nation? (L) (3)

POS 370: Law and Society (SB) (3)

POS 410: Governing American Cities (SB) (3)

POS 417: Arizona Politics (SB) (3)

POS 435: Women and Politics (SB & C) (3)

POS 439: Minority Group Politics in America (SB & C) (3)

POS 470: Law and the Political Order (SB) (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

Students should contact the School of Politics and Global Studies for more information about completing the civic education certificate.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Liberal Arts & Sciences, The College of

School of Politics and Global Studies

<https://spgs.asu.edu/>

COOR 6797

spgs-ugadvising@asu.edu

480-965-8563

Civil Communication Certificate (LACCOMCERT)

Campus: Tempe

Description:

The Hugh Downs School of Human Communication certificate program in civil communication provides students specific training in dialogue-based methods of civility, the application of critical civil communication skills in public spheres, and civil and productive modes of argumentation.

This specialization provides students with the ability to recognize and competently practice and facilitate the ever-increasing demand for civil discourse in society and workplace organizations. The foundational courses offer the opportunity for transdisciplinary collaboration and community

engagement.

Program Requirements:

The certificate requires 18 credit hours. Nine of the 18 credit hours must be ASU resident credit courses, including six upper-division credit hours offered by The College of Liberal Arts and Sciences. 12 credit hours must be completed at the upper-division level. All courses must be completed with a grade of "C" (2.00 on a 4.00 scale) or better.

Required Courses -- 9 credit hours

COM 222: Argumentation (L) (3)

COM 225: Public Speaking (L) (3)

COM 327: Civil Communication (3)

Elective Courses (select three) -- 9 credit hours

COM 312: Communication, Conflict, and Negotiation (3)

COM 319: Persuasion and Social Influence (SB) (3)

COM 321: Rhetorical Theory and Research ((L or HU) & H) (3)

COM 325: Advanced Public Speaking (L) (3)

COM 341: Social Contexts for Performance (3)

COM 421: Rhetoric of Social Issues (HU) (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

Students should contact the Hugh Downs School of Human Communication for additional information.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Liberal Arts & Sciences, The College of
Hugh Downs School of Human Communication

<https://humancommunication.asu.edu/>

STAUF 412A

communication@asu.edu

480-965-5095

Classical Studies Certificate (LACLG CERT)

Campus: Tempe

Description:

The classical studies program offers students a wide variety of opportunities to study the language, literature and culture of the ancient Greeks and Romans. The School of International Letters and Cultures offers a certificate in classical studies for those students interested in pursuing a classical education in conjunction with another major or as part of their general studies.

Program Requirements:

The certificate in classical studies requires a minimum of 28 credit hours. At least 12 credit hours must be at the upper-division level. All courses must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher.

Language Requirement -- 16 credit hours

Students must complete five semesters of language courses in either Ancient Greek or Latin. (16)

Credit hours taken for the language requirement that exceed the required 16 credit hours will be applied to ASU's 120 credit hour minimum.

ASU Language Placement: Only true beginners are eligible for 101-level courses. Students with previous experience in the language are required to take a language placement test.

Ancient Greek

Students who choose Greek must take a minimum of 5 semesters of language courses from the following list. The ASU Language Placement test determines what class students start with.

GRK 101: Elementary Ancient Greek (4)

GRK 201: Intermediate Ancient Greek (4)

GRK 301: Ancient Greek Literature I (HU) (3)

Notes: GRK 301 must be taken at least once and possibly twice if needed to reach 5 semesters of credit. May also be repeated to count toward the Classical Studies Electives Requirement.

GRK 302: Ancient Greek Literature II (HU) (3)

Notes: GRK 302 must be taken at least once and possibly twice if needed to reach 5 semesters of credit. May also be repeated to count toward the Classical Studies Electives Requirement.

Latin

Students who choose Latin must take a minimum of 5 semesters of language courses from the following list. The ASU Language Placement test determines what class students start with.

LAT 101: Elementary Latin (4)

LAT 102: Elementary Latin (4)

LAT 201: Intermediate Latin I (HU) (4)

LAT 202: Intermediate Latin II (HU) (4)

LAT 421: Roman Literature (HU) (3)

Notes: LAT 421 must be taken at least once, and as many times as needed to reach 5 semesters of credit. May also be repeated to count toward the Classical Studies Electives Requirement.

Classical Studies Electives (choose four) -- 12 credit hours

APH 313: History of Architecture I ((L or HU) & G & H) (3)

ARS 402: Art of Ancient Egypt (HU & H) (3)

ARS 404: Greek Art (HU & H) (3)

ARS 406: Roman Art (HU & H) (3)

ENG 303: Classical Backgrounds of English Literature (HU) (3)

HST 347: Ancient Greece I: Bronze Age through the Peloponnesian War (SB & H) (3)

HST 348: Rome (SB & H) (3)

HST 349: Early Middle Ages ((HU or SB) & H) (3)

HST 350: Later Middle Ages ((HU or SB) & H) (3)

HST 362: Sex and Society in Classical and Medieval Europe (SB & H) (3)

HST 373: Roman History I: Foundations and Republic (3)

HST 374: Roman History II: The Roman Empire (3)

HST 495: Politics in the Ancient Greek World (L) (3)

LAT 421: Roman Literature (HU) (3)

PHI 328: History of Ancient Philosophy (HU & H) (3)

POS 340: History of Political Philosophy I (HU & H) (3)

REL 315: Hebrew Bible (Old Testament) ((L or HU) & H) (3)

REL 316: Literary Readings of the Hebrew Bible (L or HU) (3)

REL 371: New Testament (HU) (3)

REL 375: Lost Scriptures, Lost Christianities (HU) (3)

SLC 294 / LAT 294: Saving the Roman Empire (3)

SLC 344: Classics and Comics (HU) (3)

SLC 345: Ancient Greece I: Bronze Age through the Peloponnesian War (SB & H) (3)

SLC 346: Ancient Greece II: Late Classical and Hellenistic Period (SB & H) (3)

SLC 360: Greece and Rome at War (3)

SLC 361: Roman Religion (HU) (3)

SLC 362: Ancient Greek Religion (3)

SLC 373: Roman History I: Foundations and Republic (3)

SLC 374: Roman History II: The Roman Empire (3)

SLC 394 / GRK 394: Alexander and His Empires (3)

SLC 394 / LAT 394: Augustus and the Creation of the Roman Empire (3)

SLC 394 / GRK 394: Glory that was Greece (3)

SLC 394 / LAT 394: Rome Before the Empire (3)

SLC 394 / GRK 394: Tales of Troy (3)

SLC 444: Heroes, Ancient and Modern (L or HU) (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

Students interested in the classical studies certificate program must contact the coordinator of the certificate before being accepted into the program. Students should contact an academic advisor at the School of International Letters and Cultures for more information.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Liberal Arts & Sciences, The College of
School of International Letters and Cultures
<https://silc.asu.edu/degrees/undergrad/minor-certs>
LL 440
silcadvising@asu.edu
480-965-6281

Communication Sciences and Disorders Certificate (NHCSDCERT)

Campus: Tempe

Description:

The postbaccalaureate certificate in communication sciences and disorders is designed for students who have already received a bachelor's degree in another discipline but wish to pursue a master's degree in speech-language pathology or communication disorders.

The coursework provides students with the prerequisite background and knowledge necessary to perform at the master's degree level in the field.

Completion of the postbaccalaureate certificate does not guarantee admission to ASU's graduate program, but it enables students to meet the American Speech Language and Hearing Association requirements to enter master's degree programs in speech-language pathology or communication disorders.

Program Requirements:

There are 27 required credit hours in the certificate in communication sciences and disorders. A "C" minimum is required for all courses in the certificate, although students must maintain a 3.00 GPA in the certificate program.

Required courses -- 27 credit hours

SHS 250: Introduction to Phonetics (3)
SHS 310: Anatomical and Physiological Bases of Speech (3)
SHS 311: Hearing Science (3)
SHS 367: Language Science (SB) (3)
SHS 375: Speech Science (3)
SHS 401: Principles of Audiology (3)
SHS 402: Clinical Methods and Treatment of Communication Disorders (3)
SHS 465: Speech and Language Acquisition (SB) (3)
SHS 496: Aural Rehabilitation (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

Prospective students must have earned a bachelor's degree in a field outside of speech and hearing science with a minimum GPA of 3.00 (scale is 4.00 = "A").

Students interested in this certificate should apply for university admission as nondegree-seeking graduate students and submit a supplemental application to the program.

More information is available at <https://chs.asu.edu/programs/communication-sciences-and-disorders> (<https://chs.asu.edu/programs/communication-sciences-and-disorders>).

Contact Information:

Health Solutions, College of

College of Health Solutions
<https://chs.asu.edu/programs/communication-sciences-and-disorders>
HLTHN 401AA
chs@asu.edu
480-965-2374

Communication Training and Assessment Certificate (ASCTACERT)

Campus: West

Description:

The certificate program in communication training and assessment combines coursework from across the communication curriculum. This grounding teaches students the best approaches to the assessment, training and development of communications skills in business, professional and community settings.

Certificate holders demonstrate expertise in communication training, presentation skills, professional development and assessment practices.

Program Requirements:

The certificate in communication training and assessment requires a minimum of 18 credit hours (at least 12 credit hours must be upper-division), consisting of 12 credit hours of core requirements and six credit hours of electives. Only courses in which a student received a grade of "C" (2.00 on a 4.00 scale) or higher may be used to meet the certificate requirements.

At least nine credit hours must be completed through the School of Social and Behavioral Sciences in the New College of Interdisciplinary Arts and Sciences. A maximum of six credit hours may be shared between the certificate and a major.

Core Requirements -- 12 credit hours

COM 225: Public Speaking (L) or COM 325: Advanced Public Speaking (L) or COM 342: Oral History and Storytelling (3)

COM 383: Communication and Mentoring or COM 483: Advanced Communication and Mentoring (3)

COM 453: Communication Training and Development (3)

COM 482: Communication, Instruction and Training (3)

Elective Requirements -- 6 credit hours

COM 230: Small Group Communication (SB) (3)

COM 259: Communication in Business and the Professions (3)

COM 312: Communication, Conflict, and Negotiation (3)

COM 319: Persuasion and Social Influence (SB) (3)

COM 353: Professional Communication (3)

COM 415: Risk Communication (3)

COM 430: Leadership in Group Communication (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Social and Behavioral Sciences
<https://newcollege.asu.edu/social-behavioral-sciences-degree-programs>
FAB N100
sbsadvising@asu.edu
602-543-3000

Computational Life Sciences Certificate (LACLSICERT)

Campus: Tempe

Description:

In the life sciences, employers need those who are skilled in understanding and interpreting data, and in particular demand are those who have

experience using new, computational approaches and computer programs to process data.

Through this certificate program in computational life sciences, students learn how to identify and interpret data that is generated from a wide range of fields in the life sciences. These fields include, but are not limited to ecology, botany, evolutionary biology, neuroscience, molecular and cellular biology, and animal behavior. Students learn about many types of data generated from sources such as DNA, RNA, protein, imaging, conservation and even from long-term ecological research sites.

Students are introduced to a suite of computational approaches that are used to analyze, visualize and interpret this data. Finally, students delve into the ethical implications of collecting, analyzing and sharing the results of computational life sciences data.

Program Requirements:

The certificate in computational life sciences requires a minimum of 15 credit hours, of which at least 12 credit hours must be upper-division. The core consists of one computing course and one ethics course. A minimum of nine credit hours in elective courses complete the certificate. The computing course not used toward the core requirements may be used toward the elective credit hours. A grade of C (2.00 on a 4.00 scale) or higher is required for all courses used toward the certificate.

Required Courses -- 6 credit hours

BIO 316: History of Biology: Conflicts and Controversies (H) or BIO 317: History of Science (HU & H) or BIO 318: History of Medicine (HU & H) (3)
BIO 439: Computing for Research or BIO 440: Functional Genomics (3)

Electives -- 9 credit hours

BIO 355 / MAT 355 / MBB 355: Introduction to Computational Molecular Biology (CS) (3)
BIO 411: Quantitative Methods in Conservation and Ecology (4)
BIO 415: Biometry (CS) (4)
BIO 439: Computing for Research (3)
BIO 440: Functional Genomics (3)
BIO 494: Data Analysis in Neuroscience (3)
BIO 494: Genomic Analysis (3)
BME 494: Systems Biology of Disease (3)
BMI 311: Modeling Biomedical Knowledge (3)
BMI 312: Modeling Biomedical Data (3)
BMI 330: Topics in Translational Bioinformatics (3)
MAT 353: Mathematics and Cancer (3)

If not used as the required computing course, students may include BIO 439 or BIO 440 as a certificate elective.

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Liberal Arts & Sciences, The College of
School of Life Sciences
<https://sols.asu.edu/>
LSC 426
SOLS.advising@asu.edu
480-727-2039

Computer Gaming Certificate (ESSCICERT)

Campus: Tempe

Description:

The computer gaming certificate program is designed to provide a game development skill set that the student can apply to domain-specific applications in the student's major. The skill set includes architecture of game engines, art design and computer graphics for gaming, and game software development.

In this certificate program, students learn to apply gaming technology to the rapidly growing video game industry and to business, medicine, geography, biotechnology and education. Examples of projects include:

- building a game that teaches linear algebra by incorporating trigonometric rules into the game design
- creating a game that teaches correct sentence construction to beginning learners of English
- creating a game to help patients with physical therapy
- creating an interactive virtual world for corporate training
- designing a game platform incorporating geographic information systems
- inventing a surgical simulation to educate medical students

Program Requirements:

Students will complete nine credit hours of core courses (including a final capstone project) and nine credit hours of elective courses. The certificate requires 12 credit hours of upper-division coursework. Students need to allow at least three years to complete the certificate program due to the prerequisite structure.

Core Courses -- 9 credit hours

CPI 111: Game Development I (CS) (3)

CPI 211: Game Development II (3)

CPI 441: Gaming Capstone (3)

Electives -- 9 credit hours

CPI 311: Game Engine Development or SER 332: Introduction to Graphics and Game Development (3)

CPI 321: Fundamentals of Game Art (3)

CPI 411: Graphics for Games or SER 432: Game Engine Architecture (3)

CPI 421: 3-D Modeling and Texturing (3)

CPI 462: Design for Learning in Virtual Worlds (3)

CPI 484: Internship (3)

SER 431: Advanced Graphics (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

The computer gaming certificate is open to any student admitted to an undergraduate degree program at ASU and in good academic standing. This certificate can also be used by interdisciplinary studies BA students as part of their degree program.

All students are eligible to take CPI courses. Students who want to declare the certificate need to complete the undergraduate certificate form on the registrar's website and submit it to the School of Computing, Informatics and Decision Systems Engineering Academic Advising Center located in Centerpoint, Room 105. Interdisciplinary studies students need to contact their advisor to add the computer gaming concentration to their degree program.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Engineering, Ira A. Fulton Schools of

Computing and Informatics Program

<https://cidse.engineering.asu.edu/certificates-gaming/>

CTRPT 105

cidse.undergrad@asu.edu

480-965-3199

Convention Sales and Meeting Planning Certificate (PPTDMCERT)

Campus: Downtown Phoenix

Description:

The U.S. meetings, conventions and exhibitions industry generates more than \$120 billion a year, supporting nearly two million jobs. Students can explore this exciting growth industry with the convention sales and meeting planning certificate program. The demand for professionals is strong, and this program provides an excellent foundation for enhancing career opportunities nationally, regionally and locally.

Phoenix is a major convention and meeting destination. There is a need for qualified professionals to service conventions and meetings, due in large part to the \$600 million investment in the Phoenix Convention Center expansion, development of new hotels and other visitor-related products, and the steady influx of corporate headquarters relocating to the greater Phoenix area.

The certificate, which has been endorsed by the Greater Phoenix Convention and Visitors Bureau and the Arizona Sunbelt Chapter of Meeting Professionals International, enhances a graduate's career opportunities as a tourism professional.

Program Requirements:

The certificate requires 15 credit hours: three required core courses (9 credits) and two elective course (6 credits). Courses taken as part of a university major may count toward that degree and the certificate. Requirements can be met online. All core classes and some elective classes are taught online at least once a year. To earn the certificate, students must complete a minimum of 12 upper-division credit hours. An application to the program is required.

Required Core Courses -- 9 credit hours

TDM 345: Meeting and Convention Planning (3)

TDM 350: Tourism, Recreation and Sports Marketing (3)

TDM 386: Convention Sales and Management (3)

Electives (choose two, one must be upper-division) -- 6 credit hours

NLM 310: Volunteer Management (3)

PRM 145: Special Events Management (3)

TDM 205: Introduction to Travel and Tourism (G) (3)

TDM 225: Introduction to Resort and Hotel Management (3)

TDM 458: International Tourism (G) (3)

Standards

1. Fifteen credit hours of graded classroom coursework are required (no internship, no independent study).
2. A minimum "C" (2.00 on a 4.00 scale) grade is required for all classes in the certificate.
3. A minimum GPA of 2.00 is required for those pursuing the certificate.

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

Other Enrollment Requirements: None

Students wishing to pursue the convention sales and meeting planning certificate should consult an academic advisor in the School of Community Resources and Development.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Public Service and Community Solutions, Watts College of

School of Community Resources and Development

<https://scrd.asu.edu/content/degree-programs>

UCENT 550

scrdadvising@asu.edu

602-496-0550

Correctional Studies Certificate (PPCRTSCERT)

Campus: Downtown Phoenix

Description:

The certificate program in correctional studies educates students about a variety of components that make up the corrections system. It is designed to provide students with understanding and knowledge of the histories, philosophies and contemporary practices of both institutional and community corrections. The program emphasizes evidence-based best practices concerning the rehabilitation of correctional clients to reduce recidivism.

Program Requirements:

Required Courses -- 15 credit hours

CRJ 100: Introduction to Criminal Justice (SB) (3)

CRJ 240: Introduction to Corrections (3)

CRJ 443: Community Corrections (3)

CRJ 444: Institutional Corrections (3)

CRJ 445: Tools for Engaging Correctional Populations (3)

Elective Courses (choose two) -- 6 credit hours

CRJ 317: Inside-Out Prison Exchange Program (3)

CRJ 394: Special Topics (3)

Notes: Only approved corrections-related topics

CRJ 406: Sex Crimes (3)

CRJ 411: Legal Issues in Corrections (3)

CRJ 434: Drugs of Abuse (3)

CRJ 435: Crime and Forensic Mental Health (SB) (3)

CRJ 484: Internship (3)

CRJ 494: Special Topics (3)

Notes: Only approved corrections-related topics

Special Topics courses (CRJ 394 and CRJ 494) will be designated and approved by departments and schools. Students will need to work with an advisor in order to select appropriate special topics courses that are approved for credit in the correctional studies certificate program.

At least 15 credit hours must be taken in-residence at ASU.

Lower-division courses such as CRJ 100 (Introduction to Criminal Justice) and CRJ 240 (Introduction to Corrections) may be used to satisfy the requirements of any major or a minor at ASU, as well as requirements for the certificate program in correctional studies. No upper-division courses in criminology and criminal justice, however, may be used to satisfy the requirements of the certificate program in correctional studies and either the major or minor in criminology and criminal justice. For example, students majoring or minoring in criminology and criminal justice may not use CRJ 394, CRJ 406, CRJ 411, CRJ 434, CRJ 435, CRJ 443, CRJ 444, CRJ 445, CRJ 484, or CRJ 494 to satisfy the requirements of the certificate in correctional studies and either the major or minor in criminology and criminal justice.

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

Students must complete CRJ 100 Introduction to Criminal Justice with a grade of "C" or better (scale is 4.00 = "A") in order to be admitted to the certificate program. This course may be taken in residence at ASU or may be transferred from other institutions, including community colleges. Because this course is a requirement for the bachelor's degree program and the minor in criminology and criminal justice, its completion satisfies the requirements of the major or minor and satisfies the prerequisite requirement for admission to the certificate program in correctional studies.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Public Service and Community Solutions, Watts College of
School of Criminology and Criminal Justice

<https://ccj.asu.edu>

UCENT 600

SCCJAdvising@asu.edu

602-496-2356

Creative City Certificate (PPURBCERC)

Campus: Downtown Phoenix

Description:

Students explore best practices in a global context and develop asset-based proposals for specific locales including implementation plans.

The creative city certificate adds value to other majors as well as work and life experience for students aspiring to assume leadership roles in improving quality of life, specifically by enhancing quality of place.

Cities are centers of human creativity and cultural innovation; they both attract and breed these qualities of urban areas. Such creativity and

innovation are apparent in the vitality of the arts as well as that of businesses (large and small), research (basic and applied) and the everyday life unique to any given locale. These are the ingredients that make places sustainable, economically, socially and environmentally, by endowing a sense of place along with a sense of community.

This certificate also serves professionals in the community working in the areas of community development, land-use law, parks and recreation, philanthropy, planning, public art, urban governance and others.

Flexible class times and locations make the program a viable option for those unable to attend classes during the day.

Program Requirements:

The creative city certificate consists of 15 credit hours of coursework. All courses must be taken at ASU.

Required Core Courses -- 6 credit hours

PAF 405: Citizen Engagement and Community Building (3)

PAF 406: Public Administration and Community Development (3)

Elective Courses -- 9 credit hours

CRD 301: Sustainable Communities (3)

CRD 302: Inclusive Community Development (SB & C) (3)

GRA 401: Creative Environment (3)

NLM 160: Voluntary Action and Community Leadership (SB) (3)

NLM 220: Introduction to Nonprofit Organizations (3)

NLM 300: Fund Raising and Resource Development (3)

NLM 402: Assessment and Evaluation of Community Services (3)

PAF 220: Introduction to Urban America (3)

PAF 420: Public Leadership (3)

PRM 120: Leisure and the Quality of Life (SB) (3)

PRM 210: Leisure Delivery Systems (3)

TDM 448: Heritage and Cultural Tourism (3)

A "C" (2.00 on a 4.00 scale) or better is required in all coursework.

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Public Service and Community Solutions, Watts College of

School of Public Affairs

<https://spa.asu.edu/undergradminors>

UCENT 400

spa@asu.edu

602-496-0450

Criminal Investigations Certificate (PPCRICERT)

Campus: Downtown Phoenix, West

Description:

The certificate in criminal investigations educates students about a variety of aspects of criminal investigations and criminalistics. It is designed to provide students of the social sciences, natural sciences, humanities and public services with an understanding of the nature of criminal evidence; the language of forensic science; the scope, probative value and limitations of a variety of investigative specializations and their techniques; and an appreciation of how forensic investigative methods are used in the quest for justice.

The certificate program allows students to satisfy at least two of their General Studies requirements (the SQ and SB) in a thematic manner, but it is not designed to prepare students to work in a crime laboratory.

Program Requirements:

Required Courses -- 12 credit hours

CRJ 100: Introduction to Criminal Justice (SB) (3)

CRJ 210: Introduction to Criminal Investigations (3)

CRJ 211: Documenting the Crime Scene (3)

CRJ 410: Procedural Criminal Law (3)

Elective Courses (choose three) -- 9 credit hours

CRJ 321: Imperatives of Proof (3)

CRJ 433: Death Investigations: Principles of Forensic Medicine (3)

CRJ 434: Drugs of Abuse (3)

CRJ 435: Crime and Forensic Mental Health (SB) (3)

CRJ 450: Crime Analysis (3)

CRJ 484: Internship (1-6)

CRJ 494: Special Topics (3)

Notes: only in approved investigations-related topics

FOR 350: Computer Forensics (3)

FOR 394: Special Topics (3)

Notes: only in approved investigations-related topics

FOR 410: Professional Practices in Forensic Science (L) (3)

FOR 484: Internship (1-6)

1. Special Topics courses (FOR 394 and CRJ 494) will be designated and approved by departments and schools. Students will need to work with an advisor in order to select appropriate special topics courses that are approved for credit in the criminal investigations certificate program.
2. At least 12 credit hours must be taken in-residence at ASU.
3. A "C" (2.00 on a 4.00 scale) or better is required in all course work required for the certificate.
4. Upper-division course work may not be used to satisfy the requirements of both a major and the certificate. Thus, if any elective courses in the certificate program are being used to satisfy the requirements of a major, different elective courses must be taken to satisfy the requirements of the certificate program. For example, students majoring in criminology and criminal justice may not use CRJ 321, CRJ 410, CRJ 433, CRJ 434, CRJ 435, CRJ 450, CRJ 484 or CRJ 494 to satisfy the requirements of the major and the certificate in criminal investigations. Similarly, students majoring in forensic science may not use FOR 350, FOR 410 or FOR 484 to satisfy the requirements of the major and the certificate in criminal investigations.

Prerequisite Information

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

CRJ 100 Introduction to Criminal Justice, SB (3) is a prerequisite requirement to enroll in CRJ 210, CRJ 211, CRJ 433, CRJ 434, CRJ 435, CRJ 484 and CRJ 494.

ACO 100 All About Data: Design, Query, and Visualization, CS (3) is a prerequisite requirement to enroll in FOR 350 Computer Forensics.

Either FOR 286 Principles of Forensic Science (3) or the two semester sequence in FOR 105 and FOR 106 is a prerequisite requirement to enroll in FOR 410 Professional Practices in Forensic Science, L (3). ENG 102 or 105 or 108 are also prerequisites for FOR 410.

The completion of at least 45 credit hours is a prerequisite requirement to enroll in FOR 484 Internship.

Enrollment Requirements:

Students must complete the following prerequisite courses with a grade of "C" or higher (scale is 4.00 = "A") in order to be admitted to the certificate program. These courses may be taken in residence at ASU or may be transferred in from other institutions, including community colleges.

The following prerequisite courses are required for admission to the certificate program:

For students majoring in the social sciences, humanities or the arts:*

FOR 105 Physical Evidence and the Crime Scene, SQ (4) and

FOR 106 Biology Behind the Crime Scene, SQ (4)

For students majoring in the natural sciences:*

FOR 286 Principles of Forensic Science (4)

*Neither FOR 105 nor FOR 106 have any prerequisites. These courses are designed for students majoring in the social sciences, humanities or arts to meet the natural science requirement of ASU's General Studies program. Thus, students not majoring in the natural sciences who wish to declare the certificate program in criminal investigations must complete the two-course sequence in FOR 105 and FOR 106. In contrast, students majoring in the natural sciences, including forensic science, should not take FOR 105 and FOR 106; they need only complete FOR 286: Principles of Forensic Science, which has prerequisite requirements of BIO 181, BIO 182, CHM 113 and CHM 116.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded

prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Public Service and Community Solutions, Watts College of
School of Criminology and Criminal Justice
<https://ccj.asu.edu/>
UCENT 600
SCCJAdvising@asu.edu
602-496-2356

Cross-Sector Leadership Certificate (PPCSLDCERT)

Campus: Downtown Phoenix

Description:

The certificate program in cross-sector leadership provides a comprehensive overview of leading solutions to complex social challenges by integrating the public, private, nonprofit and military sectors.

Students engage in a systems-thinking approach to real-world challenges faced by local and global communities, explore the diverse characteristics and motives of each sector in engaging in cross-sector collaborations, and master processes to formalize such partnerships. Students gain leadership skills, such as leading change within and between organizations across multiple sectors, and they learn to use human-centered design, social entrepreneurship and other approaches when tackling community challenges. Students study values-based leadership and how individual, organizational and sector values can drive a leader's ability to act. Students end the program with a thesis or applied project that integrates the theories, procedures and concepts learned in the certificate courses with experiences from the students' internships in each sector.

Program Requirements:

The certificate in cross-sector leadership is a requirement for, and is limited to, participants in the Public Service Academy's Next Generation Service Corps, a four-year leadership development track that engages future civilian leaders in the public, private and nonprofit sectors to engage in collaboration and change in the context of social challenges in which they hold interest. Students are required to maintain a 3.00 ASU GPA, a 3.00 GPA across certificate courses and demonstrate forward academic progress to maintain enrollment in the certificate as well as the Next Generation Service Corps. ROTC students also may pursue the certificate, but must maintain a 3.00 GPA in certificate courses.

Required Courses -- 12 credit hours

CPP 101: Foundations of Cross Sector Leadership (1)
PAF 311: Leadership and Change (SB) (3)
CPP 201: NGSC Community Impact Lab (2)
CPP 301: Cross-Sector Collaboration (3)
CPP 410: Social Entrepreneurship (3)

Elective (Choose one) -- 3 credit hours

CPP 394: NGSC Leadership Instruction (3)
PAF 421: Leadership Capstone (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

Enrollment in the 15-credit hour certificate program in cross-sector leadership is offered only to students participating in ASU's Next Generation Service Corps or in the Reserve Officers Training Corps. Enrollment requirements for the certificate are the same as admission requirements for the Next Generation Service Corps or Reserve Officer Training Corps (by request). Public Service Academy staff and the Watts College of Public Service and Community Solutions Dean's Office enroll the students.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree.

Contact Information:

Public Service and Community Solutions, Watts College of
Watts College of Public Service & Community Solut
<https://psa.asu.edu>

UCENT 707
psa@asu.edu
602-496-0201

Cryptography Certificate (LACRYCERT)

Campus: Tempe

Description:

The certificate program in cryptography is designed to provide a strong foundation in the mathematical topics that are most applicable to modern cryptosystems. It also provides specialized knowledge required to understand and work in the field of mathematical cryptography.

Program Requirements:

This certificate requires 18 credit hours. A grade of "C" (2.00 on a 4.00 scale) or better is required for all courses.

Required Courses -- 12 credit hours

MAT 440: Group Theory or MAT 444: Intermediate Abstract Algebra (3)

MAT 445: Theory of Numbers (3)

MAT 447: Cryptography I (3)

MAT 448: Cryptography II (3)

Elective Courses (select two) -- 6 credit hours

MAT 415: Introduction to Combinatorics (3)

MAT 416: Graph Theory (3)

MAT 441: Ring Theory (3)

STP 421: Probability (3)

STP 427: Mathematical Statistics (3)

Students may substitute an approved cryptography-related internship for 3 credit hours of elective coursework.

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

This program has additional admission requirements; students should see a college advisor for details. Applicants should be in good academic standing with a "B" or better (scale is 4.00 = "A") in MAT 300 Mathematical Structures (3) or the equivalent.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Liberal Arts & Sciences, The College of
School of Mathematical and Statistical Sciences
<https://math.asu.edu>
WXLR A211
math@asu.edu
480-965-7195

Data Science Certificate (ASDTSCERT)

Campus:

Description:

The data science certificate program combines the strengths of database skills with interdisciplinary computational statistics.

The program provides students with an understanding of the computational and statistical methods used to extract insights from complex datasets and provides hands-on experience with them. In particular, it includes courses that cover key techniques for the different stages of the data science process: data collection, data processing for small and big data, data cleaning, exploratory data analysis, data visualization, predictive modeling with machine learning techniques, and statistical modeling.

Program Requirements:

The certificate in data science consists of a minimum of 15 upper-division credit hours. All courses used to satisfy requirements for the certificate must be passed with a "C" (2.00) or better.

Required Courses -- 9 credit hours

ACO 320: Database Systems (3)

ACO 423: Data Science (3)

STP 315: Statistical Computing (3)

Electives -- 6 credit hours

ACO 321: Database Development & Applications (3)

ACO 420: Big Data Systems (3)

ACO 421: Data Mining and Warehousing (3)

BMI 311: Modeling Biomedical Knowledge (3)

BMI 312: Modeling Biomedical Data (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

Prerequisites for this certificate are:

ACO 201 Data Structures and Algorithms (3)

MAT 243 Discrete Mathematical Structures (3) or MAT 300 Mathematical Structures (3)

STP 226 Elements of Statistics (3)

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Interdisciplinary Arts & Sciences, New College of

School of Mathematical and Natural Sciences

<https://newcollege.asu.edu/data-science-certificate>

FAB N100

MNSadvising@asu.edu

602-543-3000

Desert Food Production Certificate (LSDFPRCERT)

Campus: Polytechnic

Description:

The certificate program in desert food production equips students interested in producing foods locally with the knowledge and skills necessary to grow edible plants and to navigate the challenges unique to desert climates.

Coursework in the program emphasizes organic food production, sustainable horticultural technologies, green waste reduction, water conservation, maintaining biodiversity and biological cycles, and enhancing soil quality. Students gain marketable skills that enable them to participate in the growing trend of producing and supporting the consumption of local foods.

Program Requirements:

The desert food production certificate requires a minimum of 18 credit hours.

A grade of "C" (2.00 on a 4.00 scale) or better is required in all courses.

Required Courses -- 12 credit hours

ABS 260: Fundamentals of Sustainable Horticulture (SG) (4)

ABS 368: Plant Propagation (3)

ABS 460: Organic Gardening (2)

ABS 464: Desert Horticulture (3)

Elective Courses -- 6 credit hours

At least four credit hours of certificate electives must be from upper-division courses.

No more than two credit hours of ABS 484 Internship may be counted toward the certificate requirements.

ABS 225: Soils (SQ) (3)

ABS 226: Soils Laboratory (SQ) (1)

ABS 360: Southwest Home Gardening (2)

ABS 462: Greenhouse/Nursery Management (4)

ABS 484: Internship (2)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

GPA Requirement: 2.00

Incompatible Majors: None

Other Enrollment Requirements: None

This certificate is open to students in any major. Students should contact an advisor in the College of Integrative Sciences and Arts for more information.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Integrative Sciences and Arts, College of

College of Integrative Sciences and Arts

<https://cisa.asu.edu>

SANCA 233

CISA@asu.edu

480-727-1526

Digital Business Innovation Certificate (BADBICERT)

Campus: Tempe

Description:

This certificate program in digital business innovation provides students with a broad overview of modern-day digital information systems. It gives exposure to modern tools for transforming business processes, maintaining digital presence and developing analytical insights.

Students who complete the program will be well suited for the business landscape, phenomenally transformed in recent years by digital innovations.

Program Requirements:

The digital innovation certificate is available to all majors. To earn the certificate, students must complete all courses with a grade of "C" (2.00 on a scale of 4.00) or better. No more than six credit hours may be shared between the certificate and other degree programs, minors, and/or other certificates.

Required Courses -- 18 credit hours

CIS 105: Computer Applications and Information Technology (CS) (3)

CIS 235: Introduction to Information Systems (3)

CIS 300: Web Design and Development (3)

CIS 308: Advanced Excel in Business (3)

CIS 311: Business Project Management (3)

CIS 312: Business Mobile Commerce and Monetization (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Business, W. P. Carey School of
Department of Information Systems
<https://wpcarey.asu.edu/information-systems-degrees>
BAC 601
wpcareyis@asu.edu
480-965-3252

Digital Culture Certificate (HIDGCCERT)

Campus: Tempe

Description:

The digital culture certificate program in the Herberger Institute for Design and the Arts focuses on the creative exploration of how new media is influencing culture, or rather the way people live, learn, create and communicate.

Pursuing the digital culture certificate allows students to enhance their program of study with integrated, transdisciplinary training in creative processes and technical skills in new media with cultural applications.

Program Requirements:

The digital culture certificate requires 18 credit hours (12 upper-division).

A minimum grade of a "C" (2.00) and an overall GPA of 3.00 is required in all classes in the certificate program. Courses in the certificate program may not be used as part of a major. All upper-division certificate coursework must be taken at ASU.

Required Courses -- 6 credit hours

AME 111: Introduction to Digital Culture (CS) (3)

AME 112: Computational Thinking for Digital Culture or AME 230: Programming for the Media Arts (CS) (3)

Digital Culture Studies -- 6 credit hours

AME 310: Media Literacies and Composition (3)

AME 320: Motion Capture for Integrative Systems (3)

AME 330: Digital-Physical Systems (3)

AME 340: Compositional and Computational Principles for Media Arts (3)

AME 394: Special Topics (3)

AME 410: Interactive Materials (3)

AME 430: Mac Development for Media Arts (3)

AME 435: Mobile Development (3)

AME 444: Media Installations (3)

AME 470: Programming for Social and Interactive Media (3)

AME 485: Digital Culture Capstone I (3)

AME 494: Animating Virtual Worlds (3)

AME 494: Special Topics (3)

ART 378: Digital Textiles (3)

FSH 394: Fashion Design & Wearable Technology (3)

Digital Media - Media Arts and Design -- 6 credit hours

AME 394: Special Topics (3)

AME 494: Special Topics (3)

ART 308: 2D Digital Animation (3)

ART 346: 3-D Computer Imaging and Animation (CS) (3)

ART 348: Animation Motion Studies (3)

ART 394: Digital Photography for Non-Majors (3)

ART 438: Moving and Interactive Systems in Sculpture (3)

ART 440: Experimental Video Art (3)

ART 494: Visual Prototyping (3)

CIS 300: Web Design and Development (3)

EDT 440: Creating and Marketing Mobile Apps (3)

EEE 307: Signal Processing for Digital Culture (3)
FMP 394: Non-Linear Editing for Film and Media (3)
IAP 322: Multitrack Digital Recording (3)
IAP 361: Digital Editing and Media Literacy (CS) (3)
IAP 364: Documentaries (3)
IAP 394: Motion Graphics & Animation (3)
IAP 462: Games and Play (3)
MDC 311: Composing and Performing for Hybrid Ensembles (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Generous substitution rules allow for course flexibility. Students receiving the digital culture certificate can petition to substitute up to six credit hours. Three credit hours can come from any course related to digital culture through courses offered by any ASU unit on any ASU campus, including the interdisciplinary arts and performance program on the West campus and the film and media studies program on the Tempe campus. Courses may include any on the list of related subjects and substitutions (shown above) or courses with comparable content.

The other three substitution hours can be achieved through the following path:

The three-hour media arts and design course requirement may be substituted with a three-hour course in the digital culture-related category. Students who earn a digital culture certificate cannot earn a minor in digital culture.

Enrollment Requirements:

Degree-seeking undergraduates or nondegree-seeking graduate students may add the digital culture certificate. To add the certificate, students must meet with the digital culture academic success coordinator to develop a pathway that best meets the proficiencies for the work they are interested in pursuing. Students then meet with the academic advisor for their major to add the certificate.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Design & the Arts, Herberger Institute for
Arts, Media and Engineering Sch T
<https://artsmediaengineering.asu.edu/>
STAUF B 217
digitalculture@asu.edu
480-965-9438

Disability Studies Certificate (LADISCERT)

Campus: Tempe

Description:

As a vibrant and diverse area of academic study, disability studies utilizes a cross-disability, intersectional and interdisciplinary approach that views disability as a social construct and people with disabilities as a minority group. The program in disability studies draws upon diverse disciplines such as history, sociology, law, policy studies, economics, anthropology, geography, philosophy, theology, gender studies, media studies, architecture and the arts in order to understand the social, cultural and political situation of disabled cultures. Students are critically challenged to reject simplistic definitions of disability as a restrictive, functional impairment that requires "fixing" or "curing". Rather, students learn to identify disability as a construct that finds its meaning within cultural contexts, is central to individual and social identity and crucial to changing political processes and public attitudes.

This program prioritizes development of theoretical, methodological, educational and advocacy models that redefine legal, physical, policy and attitudinal barriers excluding disabled communities from society.

Program Requirements:

Students must complete 15 credit hours with at least 12 hours completed at the upper-division level. A minimum grade of "C" (2.00 on a 4.00 scale) is required for a course to count toward the certificate.

Students should contact the School of Social Transformation advising center for more information.

Required Courses -- 6 credit hours

JUS 235: Disability, Justice and Advocacy (C) (3)
JUS 437: The Social Construction of Disability and Justice (3)

Elective Courses -- 9 credit hours

AFR 317: Genes, Race and Society (SB & H & C) (3)
AFR 375: Race, Gender and Sport (SB & C) (3)
APA 330: Asian Pacific American Genders and Sexualities ((L or SB) & C) (3)
APA 350: Inequality and Diversity in Education (L & C) (3)
APA 355: Asian American Psychology (SB & C) (3)
CRD 302: Inclusive Community Development (SB & C) (3)
DST 322: Social and Cultural Implications of the Many Forms of Disability (3)
DST 458: Disability and Communication Advocacy (3)
EDS 301: Sustainable Community Design and Practices (3)
ENG 484: Internship (1-12)
JUS 303: Justice Theory (L) (3)
JUS 305: Principles of Justice Studies (SB) (3)
JUS 365: Inequality and Diversity in Education (L & C) (3)
JUS 370: Cultural Diversity and Justice ((L or HU) & C) (3)
JUS 375: Justice and the Mass Media (SB) (3)
JUS 432: Racial Justice (L) (3)
JUS 438: Human Differences: Dilemmas of Justice ((L or HU) & C) (3)
JUS 440: Prisons, Power and the Punishments of the Past (3)
JUS 469: Political Deviance and the Law ((L or SB) & C) (3)
MHL 494: Music and Healing (3)
MUE 441: Psychology of Music (3)
PRM 364: Foundations of Recreation Therapy (SB) (3)
PRM 440: Advocacy in Therapeutic Recreation (3)
PRM 450: Therapeutic Recreation and Community Health (3)
PRM 453: Inclusive and Adaptive Sports and Recreation (3)
PRM 455: Recreational Therapy with Children, Youth and Families (3)
SHS 367: Language Science (SB) (3)
WST 313: Women and Sexuality (SB & C) (3)
WST 371: Sex and the City: Women, Sexuality, and Popular Culture (HU & C) (3)
WST 380: Race, Gender, and Class (SB & C) (3)
WST 477: Gender and Violence (SB & C) (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Students enrolled in the BA or minor in disability studies offered by the New College of Interdisciplinary Arts and Sciences are not prohibited from adding this certificate.

Contact Information:

Liberal Arts & Sciences, The College of
School of Social Transformation
<https://sst.asu.edu/>
WHALL 125
SSTadvising@asu.edu
480-965-7682

Diversity and Equity Studies Certificate (ASDESCERT)

Campus: West

Description:

This certificate program in diversity and equity studies develops students' intercultural competence through knowledge gained related to the histories, practices and perspectives of diverse groups, both local and global. Reflecting on this knowledge permits students to develop strategies to

work with and through differences of gender, race, ethnicity, sexuality, age, religion and class. Integrative social sciences perspectives enable bridge-building within and across differences to redress inequalities.

This certificate is valuable to those pursuing careers in medicine, law, business and management, public policy, human resources, media, government and community advocacy.

Program Requirements:

The certificate in diversity and equity studies requires a minimum of 15 credit hours (at least 12 must be upper-division), consisting of a core of three credit hours and 12 credit hours of electives. Only courses in which a student receives a grade of "C" (2.00 on a 4.00 scale) or higher may be used to meet certificate requirements.

Six credit hours must be completed through the School of Social and Behavioral Sciences in the New College of Interdisciplinary Arts and Sciences. A maximum of six credit hours may be shared between the certificate and major requirements. A maximum of three credit hours of internship or individualized instruction may be applied to the certificate. Electives are not limited to the certificate elective list; see academic advisor prior to enrollment. Students are encouraged to take courses that develop breadth rather than limiting their selection to courses in one particular discipline.

Required Core Course -- 3 credit hours

SBS 301: Cultural Diversity ((L or SB) & C) (3)

Elective Courses (minimum 9 upper-division) -- 12 credit hours

Students will select 12 elective credit hours from course work related to diversity and equity studies. Selected courses must come from at least two of the following prefixes: ASB, JHR, POS, SBS or SOC.

ASB 211: Women in Other Cultures ((HU or SB) & G) (3)

ASB 311: Principles of Social Anthropology (SB & G & H) (3)

ASB 339 / POS 339 / SBS 339 / SOC 339: Grassroots Social Movements (SB) (3)

ASB 340 / SOC 328: Migration and Culture (SB & G) (3)

ASB 342 / SBS 342 / SOC 342: Mexico-U.S. Borderlands (SB & C) (3)

ASB 346: Marriage and Family Diversity (SB & C) (3)

ASB 394: Special Topics or JHR 394: Special Topics or POS 394 / SBS 394 / SOC 394: Special Topics (1)

ASB 442 / SBS 460: Global Cities (SB & G) (3)

ASB 447 / POS 447 / SBS 447: Citizenship, Nationalism and Identity (SB & C & G) (3)

ASB 484 / JHR 484 / POS 484: Internship or SBS 484: Internship or SOC 484: Internship (3)

ASB 494 / JHR 494 / POS 494 / SBS 494 / SOC 494: Special Topics (3)

ASB 499 / JHR 499 / POS 499 / SBS 499 / SOC 499: Individualized Instruction (3)

JHR 100: Introduction to Social Justice and Human Rights (SB & G) (3)

POS 357: South Asia Politics (SB & G) (3)

POS 436: Gender, Sexuality, Nation-States (3)

POS 437 / SOC 437: Women, Power, and Politics (G) (3)

POS 438: Latino Politics (SB & C) (3)

SOC 241: Modern Social Problems (SB) (3)

SOC 264: Gender and Society (SB & C) (3)

SOC 270: Racial and Ethnic Relations (SB & C) (3)

SOC 371: Inequality and Sustainability (3)

SOC 400: Perspectives on Aging (SB) (3)

SOC 426: Social Inequality (SB) (3)

SOC 457: Global Social Movements (SB & G) (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

Students should contact an advisor in the New College of Interdisciplinary Arts and Sciences for more information.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Social and Behavioral Sciences

<https://newcollege.asu.edu/diversity-and-equity-studies>

FAB N100
sbsadvising@asu.edu
602-543-3000

Domestic Violence and Evidence-based Practice Certificate (PPDVEPCERT)

Campus: Downtown Phoenix

Description:

The certificate program in domestic violence and evidence-based practice provides students with the experience and knowledge to intervene safely and effectively on behalf of the survivors of gender-based violence, a vulnerable group that helping professionals are likely to encounter in all areas of practice. Those knowledgeable about the dynamics of intimate partner violence are better equipped to assist those suffering its negative physical and mental health consequences.

Evidence-based care is crucial in domestic violence settings. Students of the certificate program engage in service-based and classroom learning to understand the role of evidence-based interventions in promoting survivor safety and client empowerment. Upon completion of the program, certificate holders become Arizona state-certified advocates for victims of domestic violence.

Program Requirements:

During their first semester in the certificate, students enroll in SWU 416, Domestic Violence and National AmeriCorps Service.

A grade of B or better is required in each course to satisfy the certificate.

Students must participate in an approved internship for a minimum of 300 hours.

Required Courses -- 9 credit hours

SWU 416: Domestic Violence and National AmeriCorps Service (3)

SWU 484: Internship or SWU 412: Field Instruction I (3)

Notes: Other internship credit may be substituted with department approval.

SWU 484: Internship or SWU 414: Field Instruction II (3)

Notes: Other internship credit may be substituted with department approval.

Electives -- 6 credit hours

SWU 417: Technology, Interpersonal Relationships and Abuse (3)

SWU 418: Global Violence Against Women (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

All students seeking the certificate must have 56 credit hours of coursework completed with a minimum GPA of 2.50. In order to enroll in SWU 416, students must have a current Arizona fingerprint clearance card, which will be verified through the State of Arizona system.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Public Service and Community Solutions, Watts College of
School of Social Work

<https://socialwork.asu.edu>

UCENT 810E

social.work@asu.edu

602-496-0800

Economic Justice Certificate (LAECNJCERT)

Campus: Tempe

Description:

Through the certificate program in economic justice, students gain knowledge of economic justice that promotes the growth of sustainable local, national, and global communities. They complete coursework in the theories and philosophies of economic justice and economic justice praxis to prepare them for transdisciplinary exploration into areas of personal interest.

Completion of the coursework in this certificate prepares students to support and create change by analyzing and developing policies to build local skills; developing the capacity to design, control, manage and evaluate initiatives that can economically revitalize communities; increasing research abilities; and laying the groundwork for new approaches to economic justice.

Program Requirements:

The certificate in economic justice requires 15 credit hours, of which at least 12 must be completed at the upper-division level. All courses must be completed with a grade or "C" (2.00 on a 4.00 scale) or better.

Theories and Foundation in Economic Justice (select one) -- 3 credit hours

ASB 316: Money and Culture (L or SB) (3)

ECN 360: Economic Development (SB & G) (3)

JUS 105: Introduction to Justice Studies (SB) (3)

JUS 305: Principles of Justice Studies (SB) (3)

WST 270: Global Perspectives on Women (3)

Economic Justice Praxis (select one) -- 3 credit hours

JUS 405: Inequality, Economy and Justice ((L or SB) & G) (3)

JUS 484: Internship (3)

JUS 499: Individualized Instruction (3)

SGS 350: Economic Development and Globalization (3)

SWU 432: Social Policy and Services (3)

Interdisciplinary Elective Component (9 hours)

To provide students with an opportunity to focus on a particular racial group, nation, region, or specific historical event while also providing a broad interdisciplinary framework, students will select three electives. Courses must be taken from both of the substantive areas below, and from two or more academic units. Any course listed below may count towards this requirement, as well as other courses approved by the program director.

Race, Gender, Class, Citizenship and Economic Justice (select two) -- 6 credit hours

AFR 350 / APA 350 / SOC 350 / CDE 350 / JUS 365 / TCL 360: Inequality and Diversity in Education (L & C) (3)

AIS 380: Contemporary Issues of American Indian Nations (C) (3)

CRJ 306: Race, Ethnicity, Crime, and Criminal Justice (C) (3)

HST 325: Immigration and Ethnicity in the United States (SB & H & C) (3)

IAS 305: Work and Identity (SB) (3)

JUS 420 / SOC 425: Women, Work, and Justice ((L or SB) & C) (3)

JUS 438: Human Differences: Dilemmas of Justice ((L or HU) & C) (3)

SWU 374: Diversity and Oppression in a Social Work Context (C) (3)

TCL 314 / SOC 314: Transborder Latin American Migration to the U.S. ((L or SB) & H & C) (3)

National and Global (select one) -- 3 credit hours

AFR 302 / WST 302 / HST 335: History of Black Women in America (SB & H) (3)

ECN 441: Public Economics (SB) (3)

JUS 321: Wealth Distribution and Poverty (SB & C) (3)

JUS 323: Justice and the Development of the Welfare State (SB) (3)

JUS 325 / SGS 325: Globalization and Socio-Economic Justice (SB & G) or SOC 325: null (3)

JUS 432 / SOC 432: Racial Justice (L) (3)

JUS 435: Cinema and Justice (3)

JUS 456 / SOS 456 / SOC 455: Human Rights and Sustainability ((L or SB) & G) (3)

JUS 469: Political Deviance and the Law ((L or SB) & C) (3)

PHI 336: Social and Political Philosophy (HU) (3)

POS 480 / SBS 480: Global Justice (G) (3)

POS 486: International Political Economy (SB & G) (3)

WST 365: Women and International Health (G) (3)

WST 477: Gender and Violence (SB & C) (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

In order to declare this certificate, a student must first have a minimum of 30 earned credit hours and meet with an academic advisor in the School of Social Transformation.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Liberal Arts & Sciences, The College of
School of Social Transformation
<https://sst.asu.edu/content/economic-justice>
WILSN 125
SSTadvising@asu.edu
480-956-7682

Energy and Sustainability Certificate (SUESUCERT)

Campus: Downtown Phoenix, Polytechnic, Tempe

Description:

The transdisciplinary certificate program in energy and sustainability examines current energy systems and explores what will be required to transition to a sustainable energy future. Students begin with an overview of how energy affects peoples' lives, the basic science and methods of energy production, and a full overview of energy policy options. Students then select additional energy courses from across many disciplines, depending on their specific interests.

An understanding of energy is increasingly important for jobs related to environmental quality, national security and the efficient functioning of cities. This program helps students enhance their understanding of the technology and infrastructure for generating, distributing and using energy; the associated sustainability issues; and the social and policy dimensions of energy systems. Students may further tailor the certificate around their unique interests in energy with a variety of electives representing a broad array of academic disciplines. The breadth of their energy knowledge is enriched by taking courses outside their primary area of study.

Program Requirements:

The certificate in Energy and Sustainability consists of 15 credit hours, at least 12 of which must be upper-division.
A GPA of 2.50 is required for all courses completed in the certificate.

Required Core Courses -- 9 credit hours

SOS 171 / GCU 171: The Thread of Energy (SB & G) (3)
SOS 314: Basic Energy Science (3)
SOS 315: Energy Policy (3)

Energy Elective Courses -- 6 credit hours

ALT 412: Village Energy Systems (3)
CHM 394: Chemistry, Energy, and Society (3)
EGR 371: Best Practices for Humanitarian Engineering (3)
EGR 476: Microgrid Design and Operation (3)
ERM 494: Algae in Water/Energy/Food Nexus (3)
FIS 494: Climate Change, Energy, and Social Justice (3)
GCU 364: Energy in the Global Arena (SB & G) (3)
GCU 442: Geographical Analysis of Transportation (SB) (3)
GLG 304: Minerals, Energy, and Society (3)
GPH 405: Energy and Environment (3)
JUS 332: Politics of Energy Policy and Justice (3)
JUS 444: Environment and Justice (L & C) (3)
PHY 498: The Science of Sustainable Energy (3)
POS 394: Global Environmental Politics (3)
PUP 430: Transportation Planning and the Environment (3)
SOS 309: History and Philosophy of Sustainability (3)
SOS 323: Sustainable Urban Dynamics (3)
SOS 394: Introduction to Solar Energy for Non-Engineers (3)
SOS 435: U.S. Energy: Pathways to Sustainability (3)
SOS 494: Renewable Energy (3)
SOS 494: Should I Eat Fish? Ecology, Economics, & Policy (3)
SOS 498: Designing a Living Building (L) (3)
STS 317: Science, Technology, and Global Engagement (SB & G) (3)
STS 329: Technology in Developing Countries (SB & G) (3)

STS 332: Global Issues in Science and Technology (SB) (3)

TEM 450: Design for the Developing World (3)

394, 494 and 498 courses must be taken with the specific course title/topic indicated above.

Energy elective courses are not limited to courses from this list only. Other courses on energy may be offered (special topics, etc.). Students may request to have those approved as an elective for this certificate by submitting a School of Sustainability standards petition:

https://students.asu.edu/College_Standards_Petitions . Completed petitions may be submitted directly to sosadvising@asu.edu.

Students must earn a grade of "C" or better in all courses.

Some energy elective courses have prerequisites. Any and all prerequisites must be met in order to select and enroll in those courses.

Some energy elective courses are more technical in nature, which may require additional math and science knowledge or prerequisites.

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

Students who wish to declare a certificate in energy and sustainability should make an appointment with a College of Global Futures advisor.

Advising is by appointment only, scheduled through this website: <https://schoolofsustainability.asu.edu/advising/undergraduate-advising/> (<https://schoolofsustainability.asu.edu/advising/undergraduate-advising/>).

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Global Futures, College of

School of Sustainability

<https://schoolofsustainability.asu.edu/degrees-and-programs/certificates/>

WGHL 108

sosadvising@asu.edu

480-727-6963

Entrepreneurship and Innovation Certificate (BAKEICERT)

Campus: Tempe

Description:

The certificate program in entrepreneurship and innovation is comprised of three university-wide core courses, two courses within a student's disciplinary college, and one approved certificate elective. Individual colleges are encouraged to offer a capstone course as part of the program.

Beyond topics related specifically to entrepreneurial business practices, courses include such topics as social entrepreneurship, arts entrepreneurship, idea generation and storytelling as additional perspectives for the student entrepreneur.

Students completing the certificate in entrepreneurship and innovation have their achievements recognized on their transcripts. Career services markets the certificate to potential employers, highlighting the innovative skills that students with this designation can offer.

Program Requirements:

Required Core Courses -- 9 credit hours

ENT 305: Principles of Entrepreneurship (3)

ENT 340: Creativity and Innovation (L or HU) or TEM 230: Creativity and Business Innovation (3)

ENT 360: Entrepreneurship and Value Creation or TEM 400: Technology Entrepreneurship (3)

Concentration Electives -- 6 credit hours

Upper Division Concentration Electives (6)

A list of concentration courses may be found here (<https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/certificates/entrepreneurship-innovation>).

It is the student's responsibility to check the prerequisites required by courses in their discipline.

Concentration electives will be designated and approved by individual disciplinary colleges.

Approved Certificate Elective -- 3 credit hours

Upper Division Approved Certificate Elective (3)

A list of approved certificate electives may be found here (<https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/certificates/entrepreneurship-innovation>).

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

The certificate in entrepreneurship and innovation is available to all ASU students in good standing except those majoring in business entrepreneurship, management (entrepreneurship), and technology entrepreneurship and management. The certificate application can be accessed and submitted through Advising SOS: <https://wpcarey.asu.edu/sos> (<https://wpcarey.asu.edu/sos>).

No more than six credit hours may be shared between certificate and other degree programs, minors, or other certificates.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Business, W. P. Carey School of
Department of Management and Entrepreneurship
<https://wpcarey.asu.edu/undergraduate-degrees/entrepreneurship-innovation-certificate>
BA 323
wpcareymgt@asu.edu
480-965-3431

Environmental Education Certificate (TEEVEDCERT)

Campus: Polytechnic, Tempe, West

Description:

The Mary Lou Fulton Teachers College certificate in environmental education is for students in all majors and for nontraditional educators. The program is designed to establish standards for professional excellence in environmental education.

Environmental education is taught in traditional classrooms and as community programs such as those at nature centers, museums, parks and zoos. The coursework required in the certificate increases the environmental literacy of future educators, fosters community leadership strategies and provides practice in environmental education teaching methods.

Students who complete the certificate are eligible to apply for the environmental education certificate recognized by the North American Association for Environmental Education.

Program Requirements:

This certificate requires a minimum of 15 credit hours, 12 of which must be upper-division. A "C" or better is required in all coursework.

Required Core Courses (select three courses) -- 9 credit hours

SCN 201: Discovering the Deserts of the Southwest or SCN 301: Ecology and Natural History of the Sonoran Desert (SG) (4)

SCN 207: Introduction to Biomimicry or SCN 307: Learning from Nature: Biomimicry and STEM (3-4)

SCN 208: Introduction to Urban and Environmental Studies or SCN 308: Urban Environmental Education (3-4)

SCN 300: Foundations of Environmental Education (3)

SCN 302: Environmental Education (L & G) (3)

SCN 310: Biodiversity Conservation: An Educational Inquiry (4)

Elective Options -- 6 credit hours

Any Core Certificate Course not taken above may be used to satisfy Electives.

SCN 209: Introduction to Environmental Education Project or SCN 309: Environmental Education Project (1)

SCN 303: Environmental Education Internship (1-3)

SCN 304: Sonoran Desert Flora (3)

SCN 305: Tropical Ecology: A Cultural Exchange (3)

SCN 311: Nature Mindfully (3)

SCN 400: Sustainability Science for Teachers or SCN 401: Sustainability Science, Technology, and Society (3)

Notes: Teacher certification students will take SCN 400

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Teachers College, Mary Lou Fulton
Division of Teacher Preparation
<https://education.asu.edu/>
ED 120
education@asu.edu
480-965-5555

Environmental Humanities Certificate (LAENHCERT)

Campus: Tempe

Description:

The environmental humanities certificate offers students who are interested in humanities-based approaches to the current global environmental crisis an option to focus in this vital area of study.

Courses are focused on the human relationship to the environment and the relationship between nature and culture. To gain practical experience, students also complete an internship in environmental activism, policy development, education or another pertinent area.

ASU's Department of English has an extensive internship program, offering placements in publishing, media and marketing, government, nonprofits and film festivals. The department also boasts top online programs, rigorous undergraduate research opportunities and options for cultural and community involvement.

Program Requirements:

The environmental humanities certificate consists of 24 hours. At least 12 credit hours must be completed at the upper-division level, with a minimum of six upper-division credit hours from courses offered by the Department of English in The College of Liberal Arts and Sciences. A grade of "C" (2.00 on a 4.00 scale) or higher is required in all courses taken for the minor.

Core Required Courses (choose three) -- 9 credit hours

ENG 334: The American Southwest in Literature and Film ((L or HU) & C) (3)

ENG 359: Indigenous American Literature ((L or HU) & C) (3)

ENG 363: Transborder Mexican and Chicano/a Literature of Southwest North America ((L or HU) & C) (3)

ENG 367: Environmental Issues in Literature and Film (L or HU) (3)

ENG 370: Science, Values, and the Public (3)

ENG 371: Rhetoric of the Environmental Movement (3)

ENG 378: Environmental Creative Nonfiction (L or HU) (3)

ENG 468: Environmental Literary Criticism (L or HU) (3)

ENG 469: Science and Literature (L or HU) (3)

Internship Requirement -- 3 credit hours

ENG 484: Environmental Humanities Certificate (3)

Elective Courses (choose four) -- 12 credit hours

AFR 320: Africa: Politics, Environment, and Development (3)

ASB 326: Human Impacts on Ancient Environments (SB & H) (3)

ASB 370: Ethics of Eating (L or SB) (3)

BIO 311: Biology and Society (3)

BIO 324 / PHI 310: Environmental Ethics (HU) (3)

GPH 210: Society and Environment (G) (3)

HST 342: U.S. West 20th Century (SB & H) (3)

HST 345: Environmental History (L) (3)

JUS 332: Politics of Energy Policy and Justice (3)

JUS 444: Environment and Justice (L & C) (3)

PSY 306: Environmental Psychology (SB) (3)
SGS 330: Globalization and the Environment: Problems and Solutions (3)
SOC 331: Environmental Sociology (SB & G) (3)
SOS 110: Sustainable World (SB) (3)
SOS 320: Society and Sustainability (L or SB) (3)
SOS 370: Ethics of Eating (L or SB) (3)

Other courses may be used by approval of an academic advisor in the Department of English.

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

For more information about the environmental humanities certificate, students should contact an advisor in the Department of English.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Liberal Arts & Sciences, The College of
Department of English
<https://english.asu.edu/admission/undergraduate-admission/environmental-humanities-certificate>
RBHL 170
englishadvising@asu.edu
480-965-3168

Environmental Humanities Certificate (LSEHCERT)

Campus: Polytechnic

Description:

The environmental humanities certificate program offers students who are interested in humanities-based approaches to the current global environmental crisis an option to focus on this vital area of study. Students take courses and electives from selected programs focused on the human relationship to the environment and the relationship between nature and culture.

Program Requirements:

This certificate is comprised of 24 credit hours, including at least 12 credit hours of upper-division. Six credit hours must be taken from courses offered by the College of Integrative Sciences and Arts. A grade of "C" (2.00 on a 4.00 scale) or better is required in all courses.

Core Courses -- 12 credit hours

Pick four ENG courses from the list below, with a minimum of at least one 400-level course:*

ENG 334: The American Southwest in Literature and Film ((L or HU) & C) (3)
ENG 359: Indigenous American Literature ((L or HU) & C) (3)
ENG 367: Environmental Issues in Literature and Film (L or HU) (3)
ENG 371: Rhetoric of the Environmental Movement (3)
ENG 378: Environmental Creative Nonfiction (L or HU) (3)
ENG 468: Environmental Literary Criticism (L or HU) (3)
ENG 469: Science and Literature (L or HU) (3)

*Note: Other ENG courses may be approved by CISA advisors depending on special- or variable-topics courses available in given semesters.

Elective Courses -- 12 credit hours

Complete at least four additional courses for a minimum of 12 credit hours. Students must work with an academic advisor in the College of Integrative Sciences and Arts to select Elective Courses. Some courses are limited to students majoring in the discipline, have prerequisites or cannot be taken in combination with another course on the list. Additional courses may be approved by the College of Integrative Sciences and Arts advisor depending on special- or variable-topics courses available in given semesters.

ABS 360: Southwest Home Gardening (2)
ASB 326: Human Impacts on Ancient Environments (SB & H) (3)
GPH 210: Society and Environment (G) (3)
HST 280: History of Science, Ideas and Innovation (SB & G & H) (3)
HST 344: Arizona (SB & H) (3)

HST 345: Environmental History (L) (3)
IAS 409: Eco-Community Ethics (HU) (3)
JUS 444: Environment and Justice (L & C) (3)
LSC 362: The Human Environment (3)
PRM 380: Wilderness and Parks in America (SB & H) (3)
SOS 100: Introduction to Sustainability (G) (3)
TDM 480: Sustainable Tourism (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

The environmental humanities certificate is available to all ASU undergraduate students. Students should see an advisor for more information.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Integrative Sciences and Arts, College of
College of Integrative Sciences and Arts
<https://cisa.asu.edu>
SANCA 233
CISA@asu.edu
480-727-1526

Ethics Certificate (LAETHCERT)

Campus: Tempe

Description:

The ethics certificate program is designed to give students a richer understanding of systematic philosophical thinking about ethics. Students with majors in business, nursing, journalism and public administration as well as students planning to pursue legal careers, among others, may well find that training in ethics is beneficial to their career goals. The certificate program permits some flexibility regarding course selection, thereby facilitating particular student interests.

Program Requirements:

The certificate in ethics consists of 18 credit hours approved by an undergraduate advisor in the School of Historical, Philosophical and Religious Studies. All courses must be passed with a minimum grade of "C" (2.00 on a 4.00 scale). At least 12 credit hours must be upper-division. At least six upper-division hours must be in courses offered by The College of Liberal Arts and Sciences.

Core Course (choose one) -- 3 credit hours

PHI 335: History of Ethics (HU) (3)
PHI 337: Ethical Theory (HU) (3)
PHI 338: Metaethics (3)

Electives (choose five) -- 15 credit hours

PHI 105: Intro to Ethics (HU) (3)
PHI 107: Introduction to Philosophy of Sex and Love (HU) (3)
PHI 120: Introduction to Medical and Bioethics (HU) (3)
PHI 304: Existentialism (HU) (3)
PHI 306: Applied Ethics (HU) (3)
PHI 307: Philosophy of Law (HU) (3)
PHI 310: Environmental Ethics (HU) (3)
PHI 320: Bioethics (HU) (3)
PHI 324: Existential Ethics (HU) (3)
PHI 326: Philosophy of Happiness (HU) (3)
PHI 335: History of Ethics (HU) (3)
PHI 336: Social and Political Philosophy (HU) (3)
PHI 337: Ethical Theory (HU) (3)
PHI 338: Metaethics (3)

PHI 347: Philosophical Theories of Constitutional Law (3)
PHI 360: Business and Professional Ethics (HU) (3)
PHI 370: Sports Ethics (HU) (3)
PHI 405: Moral Psychology (3)
PHI 406: Moral Dilemmas (L or HU) (3)
PHI 408: Feminist Ethics (HU) (3)
PHI 409: Eco-Community Ethics (HU) (3)
PHI 420: Disaster Ethics (3)
PHI 420: Ethics in Plato & Aristotle (3)
PHI 420: Feminist Philosophical Literature (3)
PHI 420: Found-Bioethics (3)
PHI 420: Justice (3)
PHI 420: Medical Ethics (3)
PHI 420: Normative Ethics (3)
PHI 420: Stoicism (3)
PHI 420: Topics in the Ethics of Sustainability (3)
PHI 420: Well-Being: Philosophy of Happiness (3)

PHI 420 is a variable topics course that may be taken more than once, so long as the topics are different. Only topics related to ethics will apply to the certificate.

One course outside the list of electives, and perhaps outside the PHI prefix, may be used with written approval of the director of undergraduate studies.

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

Incompatible Majors: BA in philosophy (morality, politics and law)

Students must consult with an academic advisor in the School of Historical, Philosophical and Religious Studies to declare the certificate.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Liberal Arts & Sciences, The College of
Historical, Philosophical & Religious Studies, Sch
<https://shprs.asu.edu/node/184>
COOR 3307
SHPRSadvising@asu.edu
480-965-8364

Ethnic Studies Certificate (ASETHCERT)

Campus: West

Description:

The certificate program in ethnic studies explores the changing political, social, economic and cultural realities of racial, ethnic and indigenous communities in the United States and the Americas. The coursework combines topics in the humanities, arts and social sciences, and instruction is given on methods to critically analyze racial, ethnic, gender and sexual identities, transnational movements, and diverse forms of cultural, literary and political expression.

This program prepares students for careers or graduate school in a variety of fields, including business, health care, criminal justice, social services, education, public relations, community development, public policy and government.

The certificate in ethnic studies is recommended for graduate students, nondegree students and students majoring in professional programs, and it is offered by the School of Humanities, Arts and Cultural Studies.

Program Requirements:

The certificate in ethnic studies consists of 18 credit hours, of which 12 credit hours must be upper-division. All courses in the certificate must be

passed with a minimum grade of "C" (2.00). A minimum of six upper-division credit hours must be completed through courses offered by the School of Humanities, Arts, and Cultural Studies. Up to six credit hours may be shared between the major and the certificate. Up to three credit hours of individualized instruction may be applied toward the certificate. Students are encouraged to take courses that develop breadth rather than limiting their selection to courses in one particular discipline.

Required Courses -- 6 credit hours

ETH 100: Ethnic and Indigenous Lives (SB & C) (3)

HRC 200: Introduction to Social and Cultural Analysis (SB & C) (3)

Upper-Division Electives -- 12 credit hours

ENG 420 / IAS 420: Multicultural Autobiographies ((L or HU) & C) (3)

ENG 462: Africana Literature (HU & G) (3)

ENG 463: African American Literature (3)

ENG 476: Studies in Folklore ((L or HU or SB) & C) (3)

ETH 353 / ENG 353: African American Literature: Beginnings through the Harlem Renaissance ((L or HU) & C) (3)

ETH 354 / ENG 354: African American Literature: Harlem Renaissance to the Present ((L or HU) & C) (3)

ETH 380 / WST 380: Race, Gender, and Class (SB & C) (3)

ETH 428 / AMS 428: Peoples and Cultures of the American West, to 1848 (SB & H) (3)

ETH 430 / WST 430: Gender on the Borderlands (SB & G) (3)

ETH 433 / WST 433: Race and Sexualities in Social Justice Movements (3)

ETH 450: Latina/os, Schooling and Social Inequality (C) (3)

ETH 473 / WST 473: Indigenous and Latina/Chicana Representation (SB & C) (3)

ETH 499: Individualized Instruction (3)

HST 419: 20th Century Chicano/a History (C) (3)

SBS 301: Cultural Diversity ((L or SB) & C) (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

Students wishing to pursue this certificate should consult an academic advisor in the School of Humanities, Arts and Cultural Studies to ensure the appropriate set of courses is taken and the certificate is added to the student's program of study.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Interdisciplinary Arts & Sciences, New College of

School of Humanities, Arts, and Cultural Studies

<https://newcollege.asu.edu/ethnic-studies-certificate>

FAB N100

harcadvising@asu.edu

602-543-3000

European Studies Certificate (LAESCERT)

Campus: Tempe

Description:

The European studies certificate provides a broad overview of the European countries, from their natural environment to their cultural, demographic, economic and political aspects. The fluid nature and the pressing issues facing Europe today reveal both its tremendous diversity and the globalizing elements that invite investigation.

This certificate, a transdisciplinary collaboration involving several faculties of the School of International Letters and Cultures and other ASU faculty engaged in the study of Europe, serves a diverse population of students who would like to enhance their knowledge of European cultures for both academic and professional purposes. This program focuses on the interconnectedness of knowledge involving European cultures, politics, religions, ethnicities, social-economic justice and sustainable solutions to old and new challenges and divisions in today's Europe. It also develops students' ability to analyze the historical development of the region and its exchanges with other world cultures. Students analyze what it meant to be European in the past and what it means today and how that knowledge can be applied to contemporary political and cultural debates as well as to professional opportunities in the region.

Program Requirements:

The certificate requires 15 credit hours of upper-division coursework. Each course must be completed with a grade of "C" (2.00 on a 4.00 scale) or better.

Required Core Course -- 6 credit hours

GCU 325: Geography of Europe (SB & G) or POS 352: European Democracies (3)

SLC 429 / ENG 429 / THE 429: What is Europe? ((L or HU) & G & H) (3)

Elective Courses (choose two) -- 6 credit hours

FRE 321: French Cultural Masterpieces I ((L or HU) & H) (3)

FRE 322: French Cultural Masterpieces II (L or HU) (3)

FRE 414 / ITA 414 / SLC 414: French and Italian Popular Culture ((L or HU) & G) (3)

FRE 415: French Civilization I (HU) (3)

FRE 416: French Civilization II (HU & G) (3)

FRE 494 / ITA 494: Paris & Florence in the Middle Ages (1100-1500) or SLC 494: Paris and Florence in the Middle Ages (1100-1500) (3)

GCU 325: Geography of Europe (SB & G) (3)

GCU 426: Geography of Russia and Surroundings (SB & G) (3)

GER 416: German Civilization (HU & H & G) (3)

GER 422: German Literature Survey, 1800-Today (L or HU) (3)

GER 445 / FMS 445: The Holocaust in German-Mediated Memory (3)

GER 446: Weimar-Era German Film (3)

GER 447 / SLC 447: German Modernism (3)

GRK 344 / LAT 344 / SLC 344: Classics and Comics (HU) (3)

GRK 347 / HST 347 / SLC 345: Ancient Greece I: Bronze Age through the Peloponnesian War (SB & H) (3)

GRK 360 / LAT 360 / SLC 360 / HST 397: Greece and Rome at War (3)

GRK 362 / SLC 362 / REL 360: Ancient Greek Religion (3)

HST 304 / JST 304: Studies in European History (SB & H) (3)

HST 351: Renaissance Europe ((L or HU or SB) & H) (3)

HST 352: Europe's Reformations ((L or HU or SB) & H) (3)

HST 353: Old Regime in Europe (SB & H) (3)

HST 354: Revolutionary Europe (SB & H) (3)

HST 355: Total War and the Crisis of Modernity (SB & G & H) (3)

HST 356: Europe since 1945 (SB & G & H) (3)

HST 359: Jewish History from 1492 to 1948 (SB & G & H) (3)

HST 361 / REL 374: Witchcraft and Heresy in Europe ((L or HU) & H) (3)

HST 362: Sex and Society in Classical and Medieval Europe (SB & H) (3)

HST 363: Sex and Society in Early Modern Europe ((HU or SB) & H) (3)

HST 364: Sex and Society in Modern Europe ((L or SB) & H) (3)

HST 368: Culture and Imagination in European History (HU & H) (3)

HST 370: Eastern Europe in Transition (SB & G & H) (3)

HST 373 / LAT 373 / SLC 373: Roman History I: Foundations and Republic (3)

HST 374 / LAT 374 / SLC 374: Roman History II: The Roman Empire (3)

HST 427: French Revolution/Napoleonic Era (SB & H) (3)

HST 429: Modern Germany (SB & G & H) (3)

HST 432: Eastern Europe the Balkans, 20th Century (G & H) (3)

HST 465: Women in Europe, 1750 to Present ((HU or SB) & H) (3)

HST 495: Holocaust (L) (3)

ITA 315: Italian Culture: The Good, The Bad and The Ugly (HU & G) (3)

ITA 321: Italian Renaissance Culture: Politicians, Merchants, Artists and Courtesans (H) (3)

ITA 322: Modern Italian Culture: Explorers, Scientists, Musicians and Revolutionaries (HU) (3)

ITA 350 / SLC 350: Food and Culture: The Mediterranean Lifestyle in Italy (3)

ITA 423 / SLC 423: Italian Organized Crime in Films and History ((L or HU) & G) (3)

POS 352: European Democracies (3)

POS 356: European Union (SB & G) (3)

REL 312: History and Memory of the Holocaust (3)

REL 377: Religion in Russia (HU & H) (3)

REL 382: Magick, Religion and Science (L or HU) (3)

RUS 323: Russian Literature and Revolution: The Twentieth Century ((L or HU) & G) (3)

RUS 430: Russian Short Story (L or HU) (3)

RUS 440: Russian Mass Media (G) (3)

SLC 442 / ROM 442: Dracula and Vampire Lore (HU) (3)

SPA 425: Foundational Texts of Spain (L or HU) (3)

SPA 426: Literature and Society in Modern Spain (HU) (3)

SPA 473: Old and New Spaniards: Culture and Civilization of Spain ((HU or SB) & G) (3)

Capstone Experience (choose one) -- 3 credit hours

Upper Division Capstone Elective (3)

Students select Capstone Experience from list below in consultation with the European studies certificate faculty coordinator and academic advisor.

Students may use credit earned on a study abroad program in a European country. Placement of the credit must be reviewed and approved by the European studies certificate faculty coordinator and the academic advisor.

Independent Study with Area Expert

FRE 499: Individualized Instruction (3)

GER 499: Individualized Instruction (3)

ITA 499: Individualized Instruction (3)

ROM 499: Individualized Instruction (3)

RUS 499: Individualized Instruction (3)

SLC 499: Individualized Instruction (3)

SPA 499: Individualized Instruction (3)

Internship

FRE 484: Internship (3)

GER 484: Internship (3)

ITA 484: Internship (3)

RUS 484: Internship (3)

SLC 484: Internship (3)

SPA 484: Internship (3)

Professional Seminar

SLC 498: Pro-Seminar (3)

SPA 498: Pro-Seminar (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Liberal Arts & Sciences, The College of
School of International Letters and Cultures

<https://silc.asu.edu/>

LL 440

silcadvising@asu.edu

480-965-6281

Evolutionary Medicine Certificate (LAEVMDCERT)

Campus: Tempe

Description:

With rising need for health science-related skills and an aging population in the United States, innovations in health and medicine are in demand. Evolutionary medicine is a new and burgeoning field situated between the life and social sciences that seeks to integrate the fields of evolutionary biology, genetics, medicine, global health and public health to transform our understanding of disease and improve human health. Students who complete this certificate program learn how to integrate perspectives from across fields to answer questions about health and disease in the context of human life history.

Students are introduced to integrated approaches within the biological and social sciences that are capable of address an emerging, anticipated public need such as reemerging infectious disease, challenges with vaccines, the expansion of chronic disease and other growing public health crises.

Program Requirements:

The certificate in evolutionary medicine consists of 15 credit hours, at least 12 of which must be upper-division. All 15 credit hours must be completed at ASU.

Required Courses -- 6 credit hours

ASM 403 / BIO 403: Evolutionary Medicine and Global Health (3)

BIO 408 / ASB 408: Advanced Evolutionary Medicine (3)

Electives -- 9 credit hours

A minimum of six credit hours of electives must be upper-division.

ASB 250 / BIO 250: Introduction to Evolution and Medicine (3)

ASB 494 / BIO 494: Maternal and Child Health (3)

ASM 246: Human Origins (SB) (3)

ASM 342 / BIO 327: Evolution of Human Behavior (3)

ASM 345: Disease and Human Evolution (3)

ASM 394 / BIO 394: Ecology and Evolution of Infectious Diseases (3)

ASM 401: Health and Human Biology (3)

ASM 446 / BIO 446: Principles of Human Genetics (L) (3)

ASM 456: Infectious Disease and Human Evolution (3)

ASM 494 / BIO 494: Evolution and Mental Disorders (3)

BIO 302: Cancer--Mother of All Diseases (L) (3)

BIO 318 / HPS 331: History of Medicine (HU & H) (3)

BIO 345: Evolution (3)

BIO 394 / PSY 394: Introduction to Evolutionary Psychology (3)

BIO 440 / MBB 440: Functional Genomics (3)

BIO 462: Endocrine Physiology (3)

MBB 445 / MIC 445: Techniques in Molecular Biology/Genetics (3)

MIC 205: Microbiology (SG) or MIC 220: Biology of Microorganisms (3)

MIC 314: HIV/AIDS: Science, Behavior, and Society (3)

MIC 425: Advanced Immunology (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Liberal Arts & Sciences, The College of

School of Life Sciences

<https://evmed.asu.edu>

LSC 210

evmed@asu.edu

480-965-9944

Family Communication Certificate (ASFAMCCERT)

Campus: West

Description:

The certificate program in family communication focuses on issues affecting communication in the family and complements the current communication program by bringing together an array of courses that have implications for the family unit, such as courses in new media and health. Students are encouraged to also take courses in other disciplines that complement family-related communication courses.

This is a valuable certificate for students planning to enter careers or graduate study in fields like psychology, counseling, family studies, social work, medicine or nursing, law, aging, pastoral care, human services, media or communication technology.

The program is offered by the School of Social and Behavioral Sciences.

Program Requirements:

The certificate in family communication consists of 19 credit hours (a minimum of 12 credit hours must be upper-division). All courses used to satisfy requirements for the certificate must be passed with a "C" or better. A one credit hour exit portfolio is required and may be taken after a minimum of 12 hours toward the certificate has been completed. 12 of the 19 credit hours must be ASU courses and six credit hours may be shared with major requirements. Four courses must be selected from at least two content areas listed below. The courses listed are suggested and actual courses should be selected in conjunction with an academic advisor.

Required Courses -- 6 credit hours

COM 312: Communication, Conflict, and Negotiation or COM 410: Interpersonal Communication Theory and Research (SB) or COM 417: Communication and Aging (3)
COM 411: Communication in the Family (SB) (3)

Content Area Courses -- 12 credit hours

Courses must be selected from at least two content areas listed below (minimum six upper-division credits).

Community Application

COM 314: Inner-City Families: The Cycle of Poverty (3)
COM 484: Internship (3)

Health and Family Development

CDE 430: Infant/Toddler Development in the Family (SB) (3)
COM 417: Communication and Aging (3)
CRJ 204: Juvenile Justice (3)
FAS 332: Human Sexuality (SB) (3)
FAS 436: Sexuality in Mid-Life and Beyond (3)
PSY 341: Developmental Psychology (SB) (3)
PSY 443: Abnormal Child Psychology (L or SB) (3)
PSY 444: Adolescent Psychology and Psychopathology (3)
PSY 447: Psychology of Aging (SB) (3)
SOC 312: Adolescence (SB) (3)

Social and Cultural Elements of the Family

AFR 370: Family Ethnic and Cultural Diversity (SB & C) (3)
ASB 346: Marriage and Family Diversity (SB & C) (3)
ASB 353 / SOC 353: Death and Dying in Cross-Cultural Perspective ((HU or SB) & G) (3)
COM 310: Relational Communication (SB) (3)
COM 316: Gender and Communication (SB & C) (3)
COM 410: Interpersonal Communication Theory and Research (SB) (3)
COM 432: Forgiveness and Reconciliation (3)
FAS 301: Introduction to Parenting (3)
FAS 331: Marriage and Family Relationships (SB) (3)
FAS 370: Family Ethnic and Cultural Diversity (SB & C) (3)
FAS 435: Advanced Marriage and Family Relationships (L or SB) (3)
PSY 385: Psychology of Gender (SB) (3)
SOC 315: Courtship and Marriage (SB) (3)
SOC 415: The Family (SB) (3)

Technology, Media and the Family

COM 416: Gender and Race in the Media (3)
COM 424: Television Studies and Criticism (3)
COM 457: New Media (3)
COM 471: Global Media and Cultural Identity (G) (3)
ENG 244: Introduction to Researching Family History (3)
MCO 473: Sex, Love, and Romance in the Mass Media (SB) (3)

Family Communication Portfolio -- 1 credit hours

COM 498: Family Communication Portfolio (1)

Notes: The communication portfolio is a synthesis of the student's family communication academic experience. The portfolio itself integrates each student's experience with theory and concepts from course work. The portfolio may take a variety of forms, to be negotiated by each student and the instructor. This course is to be taken after a minimum of 12 credit hours toward the certificate have been completed.

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

The certificate in family communication is open to all ASU undergraduate majors. Students wishing to pursue this certificate should consult an academic advisor in the School of Social and Behavioral Sciences to ensure the appropriate set of courses is taken and the required paperwork is submitted.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Social and Behavioral Sciences
<https://newcollege.asu.edu/family-communication-certificate>
FAB N100
sbsadvising@asu.edu
602-543-3000

Field Geology Certificate (LAFDGCERT)

Campus: Tempe

Description:

The certificate program in field geology prepares undergraduate students with the core knowledge base and field experience to identify, describe, collect and interpret a variety of types of geological field data.

A strong field-based background is required for many entry-level jobs in resource mining, geotechnical and environmental consulting companies and is a strong asset for acceptance into many graduate research programs in the earth sciences.

Program Requirements:

The certificate requires a minimum of 15 credit hours. At least 12 credit hours must be completed in upper-division coursework and at least nine credit hours must be completed at ASU. At least six upper-division hours in the certificate must be completed in courses offered by The College of Liberal Arts and Sciences. A grade of "C" (2.00 on a 4.00 scale) or higher is required for each course used to fulfill a certificate requirement.

Required Courses -- 9 credit hours

GLG 310: Structural Geology (3)
GLG 452: Field Geology II (L) (3)
GLG 455: Advanced Field Geology (3)

Electives (choose two) -- 6 credit hours

GLG 362: Geomorphology (3)
GLG 420: Volcanology (3)
GLG 424: Petrology (3)
GLG 435: Sedimentology and Stratigraphy (3)
GLG 489: Field Geochemistry (L) (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Courses not completed at ASU must be approved for use in this certificate.

Enrollment Requirements:

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Additional enrollment requirements include completion of the following courses or their equivalencies with a "C" or better (scale is 4.00 = "A"):

GLG 101 Introduction to Geology I (Physical) and GLG 103 Introduction to Geology I Lab or
SES 121 Earth, Solar System and Universe and SES 123 Earth, Solar System and Universe Lab
AND GLG 321 Mineralogy and GLG 451 Field Geology I.

Contact Information:

Liberal Arts & Sciences, The College of
School of Earth and Space Exploration
<https://sese.asu.edu/>
ISTB4 795
sese-advising@asu.edu
480-965-5081

Film and Video Studies Certificate (ASVIDCERT)

Campus: West

Description:

In the certificate program in film and video studies, students explore film theory and the practice of the moving image. Through this interdisciplinary program, students have an opportunity to develop their interests, skills and understanding of the forms, channels, technologies and histories of the media arts.

Coursework helps students become more astute critics of film and media arts. Students learn about the history of film, television and video arts as well as their place in social, cultural and political expression. This program also helps students strengthen their critical thinking skills through an analysis of the ongoing philosophical, aesthetic, political and technological debates about film, media and video.

Through this program, students gain valuable skills for future careers or graduate study in areas such as video and film production, film studies, media studies or digital design.

Program Requirements:

The certificate in film and video studies consists of 18 credit hours, of which 12 credit hours must be upper-division. A minimum of six upper-division hours must be completed through courses offered by the School of Humanities, Arts, and Cultural Studies. Students choose a focus in either film studies or media and video studies. The film studies emphasis focuses on the impact of film and video. The media and video studies emphasis is concerned with the rendering of film and video. All courses used to satisfy the requirements for this certificate must be passed with a minimum grade of "C" (2.00) or better.

Core Requirement (choose one course) -- 3 credit hours

IAP 201: Introduction to Interdisciplinary Arts (HU) (3)

IAP 202: Perspectives on Interdisciplinary Arts and Performance (HU) (3)

Foundation Requirement (choose one course) -- 3 credit hours

IAP 101: Art, Artist, and Culture (HU) (3)

IAP 102: Foundations I: Performance Techniques and Composition (3)

IAP 103: Foundations I: Interdisciplinary Digital Media (3)

IAP 104: Foundations I: Fundamentals of Sound Art (3)

IAP 105: Foundations I: Fundamentals of Visual Art (3)

Emphasis Tracks

Film Studies Emphasis - students will choose six credit hours from the Applied/Practical course list and three credit hours from the Theoretical, Conceptual and Historical course list.

Media and Video Studies Emphasis - students will choose nine credit hours from the Theoretical, Critical, Performance and/or Production course list.

Film Studies Emphasis: Applied/Practical Courses (choose two courses) -- 6 credit hours

COM 429: Semiotics and Visual Communication (3)

IAP 322: Multitrack Digital Recording (3)

IAP 361: Digital Editing and Media Literacy (CS) (3)

IAP 364: Documentaries (3)

IAP 394: Acting for the Camera (3)

IAP 466: Digital Interactivity, Advanced (3)

IAP 467: Acoustic Ecology (3)

IAP 474: Art and Film (L or HU) (3)

Film Studies Emphasis: Theoretical, Conceptual and Historical Courses (choose one course) -- 3 credit hours

ENG 365: History of Film (HU) (3)

IAP 364: Documentaries (3)

IAP 465: Media Technologies and the Arts (3)

IAP 473: Aesthetic Research (L or HU) (3)

Media and Video Studies Emphasis: Theoretical, Critical, Performance and/or Production Courses (choose three courses) -- 9 credit hours

COM 429: Semiotics and Visual Communication (3)

ENG 365: History of Film (HU) (3)

IAP 334: Conceptual Development in the Arts (3)

IAP 361: Digital Editing and Media Literacy (CS) (3)

IAP 363: Sound, Image, and Media (3)

IAP 364: Documentaries (3)

IAP 365: Digital Interactivity (3)

IAP 394: Acting for the Camera (3)

IAP 465: Media Technologies and the Arts (3)

IAP 466: Digital Interactivity, Advanced (3)

IAP 467: Acoustic Ecology (3)

IAP 469: Advanced Audio Production (3)

IAP 473: Aesthetic Research (L or HU) (3)

IAP 474: Art and Film (L or HU) (3)

Capstone -- 3 credit hours

IAP 480: Senior Project (3)

The project should reflect the integration of coursework with creative initiative to generate a product that stands alone as a piece of original work. For the Film Studies Emphasis, the project will focus on an intellectual analysis of some dimension of film products, reception, institutions, economics, and so forth.

For the Media and Video Studies Emphasis, the project may be intellectual or creative (performance or production) in nature. Projects will be examined and evaluated by at least one faculty member involved in the film and video studies certificate.

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

The certificate in film and video studies is open to all ASU undergraduate majors. Students wishing to pursue this certificate should consult an academic advisor in the School of Humanities, Arts and Cultural Studies to ensure the appropriate set of courses is taken and the required paperwork is submitted.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Interdisciplinary Arts & Sciences, New College of

School of Humanities, Arts, and Cultural Studies

<https://newcollege.asu.edu/film-and-video-studies-certificate>

FAB N100

harcadvising@asu.edu

602-543-3000

Food Industry Management and Marketing Certificate (BAFIMMCERT)

Campus: Polytechnic

Description:

The certificate program in food industry management and marketing allows business and nonbusiness students the opportunity to acquire specialized business skills, providing them with a competitive advantage for employment with firms and agencies that operate within the global food industry.

The certificate program explores the role that consumers' food choices and purchases play in the allocation of resources throughout the food chain, from farm to retail.

Upon completion of the program, students have a deep understanding of the business, economic and market environments of the global food industry, with particular emphasis on food marketing and distribution.

Program Requirements:

The food industry management and marketing certificate requires 15 credit hours to complete and is available to all majors. To earn the certificate, students must complete all courses with a grade of "C" (2.00 on a scale of 4.00) or better. No more than six credit hours may be shared between the certificate and other degree programs, minors, and/or other certificates.

Required Course -- 3 credit hours

AGB 250: Economics of Resource Allocation: Food and Agriculture or AGB 302: International Management and Agribusiness (G) (3)

Required Marketing Course (choose one) -- 3 credit hours

MKT 300: Marketing and Business Performance (3)

MKT 302: Applied Marketing Management and Leadership (L) (3)

MKT 303: Honors Marketing Theory and Practice (L) (3)

MKT 390: Essentials of Marketing (3)

Electives (choose three) -- 9 credit hours

AGB 100: Introduction to Agribusiness (3)

AGB 394: Current Topics in Food Retaili (3)

AGB 414: Food and Agribusiness Policy Issues (L) (3)

AGB 420: Food Advertising and Promotion (3)

AGB 425: Food Supply Networks (3)

AGB 435: Commodity Futures and Options Markets (3)

AGB 445: Food Retailing (3)

AGB 452: Global Food and Agricultural Trade (3)

AGB 456: Food Product Innovation and Development (3)

AGB 481: Strategic Pricing in Food Markets (3)

AGB 494: NAMA Marketing Plan (3)

BUS 424: Sales and Negotiations (3)

BUS 434: Business Risk Management (3)

TGM 460: Global Risk Assessment and Management (3)

The program is offered at ASU's Polytechnic campus, but students may choose to take the entire certificate in iCourse format.

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

Students majoring in food industry management are not eligible to pursue this certificate. All other majors can access and submit the certificate application online at Advising SOS: <https://wpcarey.asu.edu/sos> (<https://wpcarey.asu.edu/sos>).

No more than six credit hours may be shared between certificate and other degree programs, minors, or other certificates.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Business, W. P. Carey School of

Morrison School of Agribusiness

<https://wpcarey.asu.edu/undergraduate-degrees/programs>

SANTN 230F

wpcarey.morrison@asu.edu

480-727-1586

Geographic Information Science Certificate (LAGISCERT)

Campus: Tempe, Online

Description:

Geographic information science is one of the fastest growing segments of the economy, and employment possibilities can be found across the private sector as well as in many government agencies. The geographic information science undergraduate certificate program pairs the practical skill of GIS with the conceptual knowledge of geographical problem-solving and of spatial thinking.

Program Requirements:

The certificate requires 20 credit hours with a grade of "C" (2.00 on a 4.00 scale) or higher. At least 12 of the 20 credit hours must be upper-division.

Geographic Information Science Core -- 11 credit hours

GIS 205: Geographic Information Science I (CS) (3)

GIS 211: Geographic Information Science II (CS) (4)

GIS 311: Geographic Information Science III (CS) (4)

Upper Division GIS Elective Courses -- 6 credit hours

GIS Upper Division Elective (6)

Upper Division Related Coursework -- 3 credit hours

GCU OR GIS OR GPH OR PUP OR CEE OR CSE OR EEE OR EGR OR FSE OR IEE Upper Division Elective (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

The BS in geographic information science is incompatible with this certificate program.

This certificate is available through the Pathways for the Future program: <https://pff.asu.edu/> (<https://pff.asu.edu/>). Applicants without a bachelor's degree are eligible to apply for, and receive, this certificate through the Pathways for the Futures program. Applicants who already hold a bachelor's degree should apply to ASU and this certificate program as a nondegree-seeking graduate student.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/certificates/geographic-information-science-undergraduate-certificate/>)

Contact Information:

Liberal Arts & Sciences, The College of

School of Geographical Sciences and Urban Planning

<https://sgsup.asu.edu/degree-programs/undergraduate-minors-and-certificates/geographic-information-science>

COOR 5681

SGSUP.advising@asu.edu

480-965-7533

Global Management Certificate (TBTGMCERT)

Campus: Downtown Phoenix, West

Description:

Research from McKinsey and Company, a highly respected consulting firm, indicates that in the near future, almost 40% of the growth globally will result from just 400 cities in emerging markets around the world. This certificate program in global management provides broad-based training in global business and global studies that helps prepare students for a global management career. It offers unique courses that integrate an in-depth understanding of the political, economic and cultural aspects of doing business in specific regions with tools to assess business trends in specific countries.

Thunderbird School of Global Management has produced unique leaders for more than 70 years. Home to the Bachelor of Global Management and Bachelor of International Trade, the school's innovative and practical curriculum complements a strong core of global business management skills, international political economy and cross-cultural training, with a transdisciplinary approach. The alumni network has over 45,000 graduates across 170 chapters around the globe.

Program Requirements:

The global management certificate requires a minimum of 18 credit hours as outlined below, with a minimum of 12 upper-division credits. Students are encouraged to take courses that develop breadth within their sector rather than limiting their selection to courses in one particular subject area.

Required Course -- 3 credit hours

TGM 101: Principles of Global Management (G) (3)

It is recommended that students take TGM 101 prior to or concurrently with other TGM courses.

Electives -- 15 credit hours

TGM 204: Principles of Marketing for Global Organizations (3)
TGM 300: Principles of Finance for Global Organizations (3)
TGM 310: Supply Chain Operations for Global Organizations (3)
TGM 312: Big Data in the Global Economy (3)
TGM 353: Asia Region (G) (3)
TGM 353: Latin America Region (G) (3)
TGM 468: States and Markets in a Global Economy (SB & G) (3)
TGM 478: Cross-Cultural Communication and Negotiation (3)
TGM 487: Global Entrepreneurship (3)
TGM 489: Multinational Organizational Leadership (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Study abroad or international experience is encouraged but not required. Consider ASU Study Abroad (<https://studyabroad.asu.edu/>) opportunities.

Enrollment Requirements:

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Global Management, Thunderbird School of
Thunderbird School of Global Management
<https://thunderbird.asu.edu>
FAB N290
undergrad.tbird@asu.edu
602-543-0029

Globalization and Culture Certificate (LAGLCCERT)

Campus:

Description:

The globalization and culture certificate program offers students the opportunity to increase their understanding of the cultural dimensions of globalization, in the context of economic, political and social changes in the world today.

The program provides an interdisciplinary approach to understanding the phenomenon of globalization, including the historical, political, cultural and social forces that shape contemporary globalized society. This certificate program draws on courses from several colleges and academic units and emphasizes studies related to the history and culture of globalization, conflict and contact between regions of the world, and questions related to language and identity.

Program Requirements:

The certificate requires a minimum of 18 credit hours, of which at least 12 credit hours must be completed at the upper-division level. All courses must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher.

Core Course (choose one) -- 3 credit hours

SGS 360: Cultural Aspects of Globalization (3)

SLC 425: What is Globalization? A History of Contact and Conflict (HU & G) (3)

Culture Course Elective (choose one) -- 3 credit hours

ITA 350: Food and Culture: The Mediterranean Lifestyle in Italy (3)

RUS 323: Russian Literature and Revolution: The Twentieth Century ((L or HU) & G) (3)

SLC 120 / CHI 120: Introduction to Chinese Culture (L or HU) (3)

SLC 321 / KOR 321: Modern Korean Literature (HU) (3)

SLC 331 / ARB 331: Arabic/Islamic Culture and Literature (HU & H & G) (3)

SLC 333 / CHI 333 / HST 383: China (SB & H) (3)

SLC 347 / ENG 347 / HEB 347 / JST 347: Modern Israeli Literature in Translation (HU & G) (3)

SLC 348 / HEB 348 / JST 348: Israeli Society and Culture (HU & G) (3)

SLC 414: French and Italian Popular Culture ((L or HU) & G) (3)

SLC 415: Korean Popular Culture (HU & G) (3)

SLC 421: Japanese Literature in Translation ((L or HU) & G) (3)

SLC 429: What is Europe? ((L or HU) & G & H) or ENG 429: Studies in European Literature and Culture ((L or HU) & G & H) or THE 429: Staging Politics in Modern Europe ((L or HU) & G & H) (3)
SLC 442: Dracula and Vampire Lore (HU) (3)
SLC 445 / FMS 445 / GER 445 / JST 445: The Holocaust in German-Mediated Memory (3)
SLC 446 / FMS 446 / GER 446: Weimar-Era German Film (3)
SLC 447 / GER 447: German Modernism (3)
SLC 451 / CHI 451 / HST 451: Chinese Cultural History I ((HU or SB) & H) (3)
SLC 452 / CHI 452 / HST 452: Chinese Cultural History II (SB & G & H) (3)
SLC 455 / GER 455: Berlin: Migration, Arts and Activism (G) (3)
SLC 457 / KOR 457: Premodern Korea in a Global Context (3)
SLC 465 / GER 465: Intercultural Communicative Competence (3)
SLC 475 / FMS 475 / SPA 475 / THE 475: Latin American Film ((L or HU) & G) (3)

Politics and Globalization Electives (choose two) -- 6 credit hours

HST 391 / SGS 381: Modern Southeast Asia (SB & G & H) (3)
JUS 325 / SGS 325: Globalization and Socio-Economic Justice (SB & G) (3)
POS 352: European Democracies (3)
POS 353: Comparative Politics of the Middle East (3)
POS 356: European Union (SB & G) (3)
POS 357: South Asia Politics (SB & G) (3)
POS 358: Southeast Asia (SB & G) (3)
POS 359: African Politics and Society (SB & G) (3)
POS 367: World Politics and Global Inequalities (G) (3)
POS 368: Ethics and Human Rights (3)
POS 388 / REL 388: Religion, Ethics, and International Politics (3)
POS 452: China (SB & G) (3)
POS 453: Latin America (SB & G) (3)
POS 454: Mexico (SB & G) (3)
POS 465: International Organization and Law (SB & G) (3)
REL 107 / SGS 107: Religion and Globalization (HU & G) (3)
REL 379 / SGS 343: Religion, Nationalism, and Ethnic Conflict (HU & G) (3)
SGS 303: Global Trends (SB & G) (3)
SGS 330: Globalization and the Environment: Problems and Solutions (3)

Culture and Globalization Related Area (choose one) -- 3 credit hours

ASB 378 / TCL 378: Globalization: Migration, Mass Media, McDonald's ((L or SB) & C) (3)
ENG 435: Literatures and Cultures of Immigration and Diaspora (3)
GCU 241: The Global Economy in Transition (SB & G) (3)
GCU 323: Geography of Latin America (SB & G) (3)
GCU 325: Geography of Europe (SB & G) (3)
GCU 328: Geography of Middle East and North Africa (SB & G) (3)
GCU 350: The Geography of World Crises (SB & G) (3)
GCU 432: Geography of China (SB & G) (3)
TCL 314: Transborder Latin American Migration to the U.S. ((L or SB) & H & C) (3)

Upper-Division Foreign Language Elective -- 3 credit hours

In consultation with an academic advisor in the School of International Letters and Cultures, students choose a target language appropriate to their course of study. Students must complete one upper-division language course in the target language for which 202 or the fourth semester level of the language is a prerequisite.

ARB OR BCS OR CHI OR FRE OR GER OR GRK OR HEB OR HIN OR ITA OR IDN OR JPN OR KOR OR LAT OR PLC OR POR OR RUS OR SPA OR VTN Upper Division Elective (3)

Notes: Some upper-division language courses are more than 3 credits. Other languages may be used with the approval of an academic advisor in the School of International Letters and Cultures.

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Liberal Arts & Sciences, The College of
School of International Letters and Cultures
<https://silc.asu.edu/degrees/undergrad/minor-certs>
LL 440
silcadvising@asu.edu
480-965-6281

Hazardous Materials and Waste Management Certificate (TSETMCERT)

Campus: Polytechnic

Description:

The certificate program in hazardous materials and waste management is designed to provide current and prospective employees of industry and government with a comprehensive and practical curriculum of study in hazardous materials management. The certificate program features instruction by faculty, attorneys and professionals who work in the specific area of which they teach.

Program Requirements:

The certificate in hazardous materials and waste management requires 18 hours. Students must complete six selected courses (four required and two electives) and earn a grade of "C" (2.00 on a scale of 4.00) or higher to receive the certificate.

Core Courses -- 12 credit hours

ERM 203: Environmental Regulations (3)
ERM 401: Hazardous Waste Management (3)
ERM 406: Environmental Chemistry (3)
ERM 407: Occupational Hygiene (3)

Elective Courses -- 6 credit hours

ERM 3** Elective or ERM 4** Elective (6)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

The certificate in hazardous materials and waste management is available to all ASU students in good standing except those pursuing the BS in environmental and resource management.

To add the certificate in hazardous materials and waste management, a student must hold, at minimum, junior status and have a minimum cumulative GPA of 2.00.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

For disclosure information about this U.S. Department of Education Gainful Employment program, students should see <https://catalog.asu.edu/files/disclosures/TSETMCERT/Gedt.pdf> (<https://catalog.asu.edu/files/disclosures/TSETMCERT/Gedt.pdf>).

Contact Information:

Engineering, Ira A. Fulton Schools of
Environmental and Resource Management
<https://poly.engineering.asu.edu/erm/>
WANER 230
polyadvising@asu.edu
480-727-1874

Health Care Policy and Delivery Certificate (NHHCPDCERT)

Campus: Downtown Phoenix

Description:

The certificate program in health care policy and delivery connects the various aspects of clinical practice.

The curriculum focuses on the business of medicine, administration, leadership and policy. Students have the option of selecting an internship course to enhance their application of core concepts. Those with an interest in health and health care are afforded the opportunity to broaden and expand their competitiveness for employment and postgraduate degree programs.

Program Requirements:

Required Courses -- 15 credit hours

HCD 302: Health Care Management (3)

HCD 330: Health Care Systems in the U.S. (3)

HCD 402: Health Economics (3)

HCD 403: Process Engineering (3)

MED 450: Leadership and Professionalism (3)

Elective -- 3 credit hours

HCD 404: Advanced Concepts in the Science of Health Care Delivery (3)

HCD 484: Internship (3)

PAF 311: Leadership and Change (SB) (3)

PAF 460: Public Service Ethics (3)

PBH 422: Health Disparities and Access to Health (3)

In order to complete the certificate, students must complete either ECN 211, ECN 212 or HCD 201.

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

Students must have a minimum GPA of 2.00 in order to add the certificate, and students must earn a minimum grade of "C" in all courses for the certificate.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Health Solutions, College of

College of Health Solutions

<https://chs.asu.edu/programs/undergraduate>

HLTHN 401AA

chs@asu.edu

602-496-3300

Health Education Specialist Certificate (NHEDSCERT)

Campus: Downtown Phoenix

Description:

Students in the health education specialist certificate program gain foundational knowledge in public health education and health promotion and in certified health education specialist competencies. This qualifies graduates to sit for the CHES exam, offered by the National Council on Health Education Credentialing.

The CHES is recognized nationally and globally as a valuable, respected and desirable credential in a variety of fields. Health professionals with a broad range of specializations, from nutrition to kinesiology, have found the CHES to be an excellent complement to their disciplinary knowledge because it emphasizes effective methods for educating individuals and communities on ways to improve health behaviors and outcomes. Earning the CHES showcases competency-based skills and provides professionals a competitive edge, as more employers prefer certified applicants.

More information about the CHES is available here: <https://www.nchec.org/profession> (<https://www.nchec.org/profession>)

The health education specialist certificate program provides graduates a pathway to becoming a certified health education specialist.

Program Requirements:

Required courses -- 25 credit hours

CHS 340: Health Theory (3)

HEP 102: Principles and Foundations of Health Education and Health Promotion (3)

HEP 348: Methods of Health Education (3)

HEP 384: Preinternship for Health Education and Health Promotion (1)

HEP 452: Health Advocacy in Health Education (3)

HEP 454: Health Promotion Program Planning and Implementation (3)

HEP 456: Health Promotion Program Evaluation (3)

HEP 466: Health Promotion Program Management and Administration (3)

HEP 476: Community Health (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Students must earn a minimum grade of "C" (2.00) in all courses in the certificate.

In order to receive the certificate, students must complete their bachelor's degree at ASU along with all certificate requirements.

Enrollment Requirements:

GPA Requirement: 2.00

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Health Solutions, College of

College of Health Solutions

<https://chs.asu.edu/programs/health-education-specialist>

HLTHN 401AA

chs@asu.edu

602-496-3300

Health and Wellness Coach Certificate (NHHWCCERT)

Campus: Downtown Phoenix, West

Description:

This certificate program brings together coursework from the disciplines of exercise and wellness, nutrition, behavioral health and coaching psychology to give students a strong background, perspective and real-life experiences in applied coaching techniques and methods used to decrease and prevent chronic disease risks.

Students learn evidence-based behavior change methodologies and practice coaching communication skills and strategies to influence sustainable healthy lifestyles. They learn to guide groups and individuals through meaningful lifestyle changes by using concepts that emphasize evidence-based coaching and behavioral practices as well as motivational interviewing techniques.

Students work with clients using learned health coaching techniques, and they develop the knowledge and skills to work with people who require lifestyle management strategies to improve their well-being. Faculty consistently monitor and mentor coaching sessions to provide evaluation and feedback on how students may improve their coaching skills, and a final practical skills evaluation is completed to assess a student's coaching abilities. Coaching skills are addressed synchronously over telephone, in person, or via Skype or some other video platform.

Program Requirements:

Students must earn a grade of "C" or better in all courses used in the certificate.

Required Courses -- 21 credit hours

CHS 340: Health Theory or NTR 350: Nutrition Counseling (3)

EXW 335: Physical Activity and Physiological Concepts (3)

EXW 344: Impact of Physical Activity on Health and Disease (3)

HSC 355: Eating for Lifelong Health (SB) (3)

HSC 440: Health Coaching Concepts and Skills (3)

HSC 441: Applied Health Coaching Techniques (3)
NTR 241: Human Nutrition (3)

Elective Course -- 3 credit hours

EXW 400: Stress Management for Wellness (3)
HCR 303: Assessing Needs, Assets and Capacity for Health Education (3)
HCR 342: Mind-Body and Energy Therapies and Modalities (3)
HEP 241: Health Education Methods for Injury Prevention and Preparedness (3)
HEP 251: Preventing HIV and Substance Abuse (3)
HEP 303: Human Sexuality for Health Education (3)
HEP 350: Substance Abuse and Addictive Behavior (3)
HEP 361: Social Media and Marketing for Health (3)
HEP 371: Conflict Management and Mediation and Violence Prevention (3)
HEP 380: Body Image and Wellness (3)
HEP 443: Emotional Health and Interpersonal Relationships (3)
HSC 300: Complementary Health Care (3)
NTR 345: Development of Healthy Cuisines (3)
NTR 348: Cultural Aspects of Food (SB & C & G) (3)
NTR 360: Nutrition Entrepreneurship (3)
NTR 450: Nutrition in the Life Cycle (SB) (3)
PSY 304: Effective Thinking (L) (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

GPA Requirement: 2.00

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Health Solutions, College of
College of Health Solutions
<https://chs.asu.edu/programs/health-and-wellness-coach>
HLTHN 401AA
chs@asu.edu
602-496-3300

History and Philosophy of Science Certificate (LAHPSCERT)

Campus: Tempe

Description:

The undergraduate certificate program in the history and philosophy of science is designed to give students an understanding of the traditional philosophical issues surrounding science and the historical development of concrete scientific theories and ideas.

Philosophical questions about how we understand nature through science and how scientific claims gain authority are enriched when they are considered in a historical context. Such philosophical and historical study also often includes the examination of contemporary sciences and their place within the larger society, including the study of bioethics, policy and law.

This certificate is a valuable addition for students in the sciences or humanities. It crosses disciplines to help students engage in unfamiliar and familiar paths of inquiry in new and interesting ways.

The program is offered by the School of Life Sciences.

Program Requirements:

The certificate requires 18 credit hours from the HPS and PHI prefixes. At least 12 credit hours must be completed at the upper-division level and all courses counting toward the certificate must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher.

Required Course -- 3 credit hours

PHI 314 / HPS 314: Philosophy of Science (HU) (3)

Electives (choose five) -- 15 credit hours

At least nine credit hours must be taken in upper-division HPS courses. Any upper-division HPS course may be used toward the certificate.

PHI 328: History of Ancient Philosophy (HU & H) (<https://webapp4.asu.edu/catalog/courselist?s=HPS&l=upperdivision&t=2207&hon=F>) > HPS Upper Division Elective (9)

(3)

PHI 329: History of Modern Philosophy (HU & H) (3)

PHI 330: Theory of Knowledge (HU) (3)

PHI 403: Contemporary Analytic Philosophy (HU) (3)

Other elective options may be applied with the approval of an academic advisor in the School of Life Sciences.

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

For more information, students should contact the School of Life Sciences.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Liberal Arts & Sciences, The College of

School of Life Sciences

<https://sols.asu.edu/>

LSA 189

sols.advising@asu.edu

480-727-6277

Homeland Security Certificate (PPHSLCERT)

Campus: Downtown Phoenix, Online

Description:

The 21 credit hour homeland security certificate program provides students with the skills and credentials necessary to prepare them to enter fields specializing in homeland security. Students receive extended education in topics such as domestic and international terrorism, cyber terrorism and advanced crime.

Program Requirements:

Required Courses -- 15 credit hours

CRJ 100: Introduction to Criminal Justice (SB) (3)

CRJ 201: Criminal Justice Crime Control Policies and Practices (3)

CRJ 412: International Terrorism (3)

CRJ 417: Cyber Terrorism (3)

CRJ 419: Domestic Terrorism (3)

Elective Courses (choose two) -- 6 credit hours

CRJ 422: Violence in America (3)

CRJ 455: Police and International Terrorism (3)

CRJ 456: Etiology of Martyrdom (3)

CRJ 462: Gangs (3)

CRJ 463: White Collar Crime (3)

CRJ 464: Organized Crime (3)

A grade of "C" (2.00 on a 4.00 scale) or better is required for all course work.

Bachelor of Science in criminology and criminal justice majors who are also pursuing the Homeland Security certificate may not use CRJ 412:

International Terrorism, CRJ 417: Cyber Terrorism, CRJ 419: Domestic Terrorism, CRJ 422: Violence in America, CRJ 455: Police and International Terrorism, CRJ 456: Etiology of Martyrdom, CRJ 462: Gangs, CRJ 463: White Collar Crime, and CRJ 464: Organized Crime toward both their major and the certificate. These courses will only be used toward the certificate requirements.

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

There are no additional admission requirements other than those required for admission to ASU. Students should meet with an academic advisor from the School of Criminology and Criminal Justice to formally add the certificate to their degree plan.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/certificates/undergraduate-certificate-homeland-security/>)

Contact Information:

Public Service and Community Solutions, Watts College of
School of Criminology and Criminal Justice
<https://ccj.asu.edu/>
UCENT 600
SCCJAdvising@asu.edu
602-496-2356

Honors Business Consulting Certificate (BAECNUERT)

Campus: Tempe

ASU is not currently accepting applications for this program. Students interested in business consulting should consider the leadership in business (<https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/BALIBCERT/undergrad/true>) certificate program or the entrepreneurship and innovation (<https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/BAKEICERT/undergrad/true>) certificate program.

Description:

This certificate program in Honors business consulting is designed to enhance a student's knowledge in a major while also adding to the understanding of business strategy in a global market. The required curriculum strengthens skills in business judgment, conceptualization of strategic solutions, critical thinking and problem-solving.

Program Requirements:

The honors business consulting certificate consists of 15 credit hours of ASU coursework. A minimum grade of B must be achieved in each course.

Business Modeling and Analysis Coursework -- 9 credit hours

WPC 494: Consulting in Business (3)

WPC 494: Consulting Projects (3)

WPC 494: Consulting Tools (3)

Honors Business Core (select two) -- 6 credit hours

FIN 303: Honors Finance (3)

MGT 303: Honors Organizational Strategies, Leadership, and Behavior (3)

MKT 303: Honors Marketing Theory and Practice (L) (3)

SCM 303: Honors Global Supply Operations (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

The certificate is limited to honors students in the W. P. Carey School of Business. Students may apply for this certificate once they have completed WPC 494 Consulting in Business. The certificate application is accessed and submitted through Advising SOS: <https://wpcarey.asu.edu/sos> (<https://wpcarey.asu.edu/sos>).

Students should contact their Leaders Academy advisor for more information.

No more than six credit hours may be shared between certificate and other degree programs, minors or other certificates.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Business, W. P. Carey School of
Department of Economics
<https://wpcarey.asu.edu/undergraduate-degrees/honors-business-consulting-certificate>
MCRD 102
wpcacademy@asu.edu
480-965-8710

Hospice and Palliative Care Certificate (NHHAPCCERT)

Campus: Downtown Phoenix

Description:

The certificate program in hospice and palliative care is designed to provide future health and health care workers with the skills and competencies to lead and manage end-of-life care through a variety of settings, including home health care. Students learn from interprofessional instructors who are involved in hospice and palliative care as physicians, social workers, nurses and bereavement counselors, and who work with both children and adults as well as meet with hospice patients. Students get specialized instruction on dementia and Alzheimer's disease, as well as learn about how these contemporary health care issues are burdening our health care system under its current structure. Lastly, students finish their certificate by completing an internship at Hospice of the Valley where they will work with patients and their families to help provide non-clinical care needs.

Program Requirements:

Required Courses -- 12 credit hours

MED 275: Elements of Hospice and Palliative Care (3)

MED 375: Alzheimer's and Other Dementias (3)

MED 475: Palliative Care: Managing Complex Serious Illness (3)

MED 484: Internship (3)

Notes: Directed by Dr. Gillian Hamilton at Hospice of the Valley. A minimum ASU cumulative GPA of 3.00 is required to enroll.

Elective Courses -- 6 credit hours

HSC 410: Supporting the Health of Older Adults (3)

HSC 412: Health Issues in Later Life (3)

MED 445: Prevention and Management of Chronic Disease (3)

PSY 447: Psychology of Aging (SB) (3)

SOC 400: Perspectives on Aging (SB) (3)

SOC 418: Aging and the Life Course (SB & H) (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Health Solutions, College of
College of Health Solutions
<https://chs.asu.edu/>
HLTHN 4th floor
chs@asu.edu
602-496-3300

Human Rights Certificate (LAHRTSCERT)

Campus: Tempe

Description:

The certificate program in human rights provides students with historical, legal and philosophical perspectives from which to think broadly and critically about human rights issues. Coursework prepares students to design solutions to dilemmas in areas such as:

- child welfare
- economic development
- education
- environment
- health
- indigenous rights
- labor rights
- violence against women
- water and energy resources

Program Requirements:

Students must complete 18 credit hours of qualifying coursework, of which at least 12 credit hours must be upper-division. At least 12 credit hours must be completed at ASU. Each course must be completed with a minimum grade of "C" (2.00 on a 4.00 scale) or better.

Enrollment Requirements: In order to declare this certificate, students must have a minimum of 30 earned credit hours and must first meet with an academic advisor.

Global Politics of Human Rights (select one) -- 3 credit hours

JUS 352: The Global Politics of Human Rights (SB & G) (3)

POS 368: Ethics and Human Rights (3)

POS 480: Global Justice (G) (3)

Human Rights Institutions and Organizations (select one) -- 3 credit hours

JUS 355: Human Rights Organizations and Institutions (G) (3)

POS 465: International Organization and Law (SB & G) (3)

SGS 321: International Institutions and Global Governance (3)

Interdisciplinary Component -- 9 credit hours

Upper Division Human Rights Electives (9)

Students select three electives on current issues in human rights. Courses must be taken from at least two of the substantive areas listed below and from two or more academic units. Other course options may be approved by an academic advisor in the School of Social Transformation.

Marginalization and Human Rights

AFR 301 / JUS 300: Race and Racism in Africa/African Diaspora (SB & G) (3)

AFR 420 / JUS 421: Race Ethnicity and Politics in the African Diaspora (SB & G) (3)

AIS 455: Human Rights and Cultural Resource Laws (3)

APA 330 / WST 331: Asian Pacific American Genders and Sexualities ((L or SB) & C) (3)

HST 369 / JST 369: History and Memory of the Holocaust (3)

JUS 430: Social Protest, Conflict, and Change ((L or SB) & C) (3)

JUS 435: Cinema and Justice (3)

JUS 438: Human Differences: Dilemmas of Justice ((L or HU) & C) (3)

JUS 456: Human Rights and Sustainability ((L or SB) & G) (3)

JUS 468: Protest, Justice, Law and the Media (SB) (3)

POS 472: Constitutional Law II (SB) (3)

SGS 343 / REL 379: Religion, Nationalism, and Ethnic Conflict (HU & G) (3)

SPA 494 / SLC 494: Latin American Photography and Human Rights (3)

WST 313: Women and Sexuality (SB & C) (3)

WST 345: Gender, Religion, and Global Violence (SB & G) (3)

WST 378: Global Feminist Theory (L & G) (3)

WST 477: Gender and Violence (SB & C) (3)

Social Stratification and Human Rights

AFR 304: Islands of Globalization: Caribbean Politics and Political Economy (SB & G & H) (3)

AFR 305: The Global History of the Trans-Atlantic Slave Trade (SB & H) (3)

AFR 470: Women's International Human Rights (3)

APA 350 / JUS 365: Inequality and Diversity in Education (L & C) (3)

JUS 321: Wealth Distribution and Poverty (SB & C) (3)

JUS 325: Globalization and Socio-Economic Justice (SB & G) (3)

JUS 405: Inequality, Economy and Justice ((L or SB) & G) (3)

JUS 477: Youth and Justice (L or SB) (3)

POS 471: Constitutional Law I (SB) (3)

WST 365: Women and International Health (G) (3)

States and Conflict

AIS 494: American Indian Rights (3)

HST 370: Eastern Europe in Transition (SB & G & H) (3)

HST 436: The Soviet Experiment (SB & G & H) (3)

JUS 374: The Holocaust, Genocide, and Human Rights (3)

JUS 430: Social Protest, Conflict, and Change ((L or SB) & C) (3)

JUS 467: Terrorism, War, and Justice (SB) (3)

JUS 469: Political Deviance and the Law ((L or SB) & C) (3)

JUS 494: Torture, War and Human Rights (3)

LAS 481: Dictatorships and Dirty Wars: Latin American Cinema from Resistance to Reconciliation (HU & G) (3)

PHI 448: Justice and Reparations (3)

POS 305: Politics and Film (SB) (3)

POS 394: The Future of War (3)

REL 388: Religion, Ethics, and International Politics (3)

SGS 340: Violence, Conflict and Human Rights (3)

SGS 341: Humanitarian Crisis and International Intervention (3)

SPA 472: Latin American Society: Five Case Studies (HU & H & G) (3)

Experiential Learning Component -- 3 credit hours

To better connect classroom learning with practical experience, students will be required to participate in either a for-credit internship with a human rights organization in the U.S. or abroad, or a Research Experience for Undergraduates (REU) under faculty supervision (honors thesis may substitute). A written component to the internship or REU is required.

JUS 484: Internship or JUS 498: Research Apprenticeship (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

In order to declare a certificate in human rights, students must first have a minimum of 30 earned credit hours and meet with an academic advisor.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Liberal Arts & Sciences, The College of

School of Social Transformation

<https://sst.asu.edu/content/human-rights>

WILSN 125

SSTadvising@asu.edu

480-965-7682

Informatics Certificate (ESCPICERT)

Campus: Tempe

Description:

The certificate program in informatics teaches students to use computer technology to gather, synthesize, store, visualize and interpret information. These skills are critical to a broad range of disciplines.

This program provides students with an understanding of the capabilities and technologies of informatics as it applies to domain-specific problems in their field of study. Graduates are able to understand and use methods for the basic computational principles behind the operation of communication, networking and interaction; decision-making and problem-solving; modeling, inference and visualization; representing, creating and running routine activities; and storing, indexing and retrieving information.

Graduates should be in high demand within the software industry and in government, education, science, medicine and other fields that make use of computer technology. Those with the applied and user-oriented focus of the certificate are attractive to such employers.

Program Requirements:

This certificate requires 21 credit hours of coursework, of which at least 12 must be upper-division. Students take 15 credit hours of required courses and select six credit hours of elective coursework.

Required Courses -- 15 credit hours

CPI 101: Introduction to Informatics (CS) (3)

CPI 200: Mathematical Foundations of Informatics (MA) (3)

CPI 220: Applied Data Structures and Algorithms or CSE 310: Data Structures and Algorithms (3)

CPI 350: Evaluation of Informatics Systems (3)

IEE 380: Probability and Statistics for Engineering Problem Solving (CS) or STP 420: Introductory Applied Statistics (CS) (3)

Elective Courses -- 6 credit hours

AME 394: Philosophies of Technology (3)

AME 394: Programming the Internet of Things (3)

ART 345: Visualization and Prototyping (3)

ART 346: 3-D Computer Imaging and Animation (CS) (3)

ART 435: Foundry Research Methods (3)

BIO 355: Introduction to Computational Molecular Biology (CS) (3)

BIO 411: Quantitative Methods in Conservation and Ecology (4)

BMI 102: Introduction to Population Health Informatics (3)

BMI 201: Introduction to Clinical Informatics (3)

CIS 300: Web Design and Development (3)

CIS 308: Advanced Excel in Business (3)

CIS 365: Business Database Systems Development (3)

CPI 310: Web-Based Information Management Systems (3)

CPI 360: Decision Making and Problem Solving (3)

CPI 394: Special Topics (3)

CPI 441: Gaming Capstone (3)

CPI 460: Intelligent Interactive Instructional Systems (3)

CPI 494: Special Topics (3)

CSE 220: Programming for Computer Engineering (3)

CSE 240: Introduction to Programming Languages (3)

CSE 259: Logic in Computer Science (3)

CSE 335: Principles of Mobile Application Development (3)

CSE 340: Principles of Programming Languages (3)

CSE 355: Introduction to Theoretical Computer Science (3)

CSE 360: Introduction to Software Engineering (3)

CSE 408: Multimedia Information Systems (3)

CSE 412: Database Management (3)

CSE 445: Distributed Software Development (3)

CSE 446: Software Integration and Engineering (3)

CSE 460: Software Analysis and Design (3)

CSE 464: Software Quality Assurance and Testing (3)

CSE 470: Computer Graphics (3)

CSE 471: Introduction to Artificial Intelligence (3)

CSE 476: Introduction to Natural Language Processing (3)

CSE 477: Introduction to Computer-Aided Geometric Design (3)

EDT 440: Creating and Marketing Mobile Apps (3)

ENG 374: Technical Editing (3)

FSE 301: Entrepreneurship and Value Creation (3)

GIT 135: Graphic Communications (3)

GIT 215: Introduction to Web Authoring (3)

GIT 230: Digital Illustration in Publishing (3)

GIT 335: Computer Systems Technology (3)

HSE 101: Introduction to Human Systems Engineering (SB) (3)

MAT 267: Calculus for Engineers III (MA) (3)

MAT 275: Modern Differential Equations (MA) (3)

MAT 300: Mathematical Structures (L) (3)

MAT 421: Applied Computational Methods (CS) (3)

SER 216: Software Enterprise: Personal Process and Quality (3)

SER 334: Operating Systems and Networks (3)

SOC 334: Technology and Society (L or SB) (3)

SOS 424: Dynamic Modeling in Social and Ecological Systems (4)
STS 304: Science, Technology and Society (SB) (3)
STS 306: Social Effects of Science and Technology (SB) (3)
TEL 313: Technology in an Educational Setting (3)
TWC 414: Visualizing Data and Information (3)
TWC 444: User Experience (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

The undergraduate certificate in informatics is available to all students who are in good standing at ASU who have completed CSE 205, MAT 242 and MAT 243 with a "C" grade or better. This concentration may also be used by interdisciplinary studies BA students as part of their degree program.

Students need to submit an undergraduate certificate form to the School of Computing, Informatics and Decision Systems Engineering Academic Advising Center located in Centerpoint, room 105. This form is available on the registrar's website. Interdisciplinary studies students need to contact their advisor to add the informatics concentration to their degree program.

This certificate is available through the Pathways for the Future program: <https://pff.asu.edu/> (<https://pff.asu.edu/>). Applicants with or without a bachelor's degree are eligible to apply for, and receive, this certificate, through the Pathways for the Futures program. Applicants must have completed CSE 205, MAT 242 and MAT 243, or the equivalents, with a "C" grade or higher (scale is 4.00 = "A"). Applicants who have taken these courses at another institution should use the Transfer Guide course search (<https://webapp4.asu.edu/transfercreditguide/app/home>) (<https://webapp4.asu.edu/transfercreditguide/app/home>) to determine if a transfer course can fulfill the prerequisite course requirements. Applicants who already hold a bachelor's degree should apply to ASU and this certificate program as a nondegree-seeking graduate student.

Contact Information:

Engineering, Ira A. Fulton Schools of
Computing and Informatics Program
<https://cidse.engineering.asu.edu/certificates-informatics/>
CTRPT 105
cidse.undergrad@asu.edu
480-965-3199

Innovation for Impact Certificate (FIIFICERT)

Campus: Tempe

Description:

The innovation for impact certificate program enables students to cultivate the knowledge, skills and critical dispositions necessary to leverage the power of innovation and achieve personally meaningful and socially significant impact. The program is grounded in the belief that each person can do great things.

Students learn tools and concepts for synthesizing research from courses across disciplines in social sciences, humanities, natural sciences and engineering. Students identify a problematic condition or aspirational future and work with peers, mentors and the community to produce innovations that cultivate a better future for society.

Program Requirements:

Required Courses -- 15 credit hours
FIS 201: Innovation in Society (H) (3)
FIS 305: Ways of Knowing (L) (3)
FIS 307: Navigating Futures (SB) (3)
FIS 371: Innovation for Impact: Impact Journey (1)
FIS 372: Innovation for Impact: Inquiry Journey (1)
FIS 373: Innovation for Impact: Innovation Journey (1)
FIS 481: Innovation for Impact: Application Journey (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

Any student admitted to study at ASU may complete a certificate program. To apply to the university, students should complete the Admission Services online application. Students should contact the School for Innovation in Society for more information about completing the certificate program.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Global Futures, College of
School for the Future of Innovation in Society
<https://sfis.asu.edu>
WGHL 108
sfisadvising@asu.edu
480-727-6963

Integrated Behavioral Health Certificate (NHIBHCERT)

Campus: Downtown Phoenix

Description:

The undergraduate certificate program in integrated behavioral health is designed to prepare students to pursue careers in fields within health care in order to facilitate mental and physical health behavior change. The curriculum focuses on theories, evidence-based practice and health care outcomes that support the effective delivery of behavioral health integration in order to achieve the Triple Aim as stated by the Institute for Healthcare Improvement, which includes improved cost of care, improved patient experience of care, and improved population health management.

Program Requirements:

Required Courses -- 12 credit hours

HSC 340: Changing Health Behaviors (3)

IBC 425: Cognitive and Behavioral Counseling (3)

IBC 430: Medical Pathophysiology, Terminology and Behavioral Health (3)

PBH 410: Public Mental Health (3)

Elective Course (choose one) -- 3 credit hours

HCD 420: Population Health Management (3)

IBC 415: Behavioral Health Over the Lifespan (3)

A minimum grade of 'C' is required for all courses in the certificate.

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

GPA Requirement: 2.00

Students in most majors may pursue a certificate in order to supplement and specialize their education further. A student wishing to pursue the integrated behavioral health certificate should consult their academic advisor to ensure that the appropriate set of courses is taken. They should also consult with the academic advisor to determine if the certificate is appropriate given their identified major.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Health Solutions, College of
College of Health Solutions
<https://chs.asu.edu/programs/integrated-behavioral-health>
HLTHN 401AA
chs@asu.edu

Interdisciplinary Health Humanities Certificate (LAIHHUCERT)

Campus: Tempe, West

Description:

The certificate program in interdisciplinary health humanities brings humanities methodologies to analyses of health and medicine in order to address challenges in health policy and health care practice and to advance understandings of the cultural formations of health, illness and the body.

The curriculum includes courses in areas such as history of medicine, bioethics, disability studies, socio-cultural aspects of health and narrative medicine, and includes critical analyses of representations of health and illness in literature and other media as well as training in narrative and structural competency for health care professionals. An internship or applied project also offers experiential or project-based learning in this field.

Program Requirements:

The interdisciplinary health humanities certificate requires a total of 15 credit hours. A minimum of 12 upper-division credit hours are required, with at least nine of those credit hours taken in classes offered by The College of Liberal Arts and Sciences for students on the Tempe campus, or by the School of Humanities, Arts and Cultural Studies in the New College of Interdisciplinary Arts and Sciences on the West campus.

All courses must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher.

Interdisciplinary Health Humanities Core -- 6 credit hours

ENG 203: Introduction to Health Humanities (3)

Notes: available on the Tempe and West campuses

ENG 484: Internship or ENG 499: Individualized Instruction (3)

Electives (select three) -- 9 credit hours

AFR 383: Blacks in Science, Medicine and Public Health (3)

ASB 301: Global History of Health (SB & G & H) (3)

ASB 305: Poverty and Global Health ((L or SB) & G) (3)

ASB 353 / SOC 353: Death and Dying in Cross-Cultural Perspective ((HU or SB) & G) (3)

ASB 355: Traditional Medicine and Healing (HU or SB) (3)

BIO 312 / IAS 340 / PHI 320: Bioethics (HU) (3)

BIO 315 / ENG 370: Science, Values, and the Public (3)

ENG 469: Science and Literature (L or HU) (3)

FIS 498: Stem Cell Policy Research (3)

FOR 406 / IAS 406 / PHI 406: Moral Dilemmas (L or HU) (3)

HCI 313: Philosophy of Science in Health Care: Understanding Paradigms of Health and Healing (3)

HPS 314 / PHI 314: Philosophy of Science (HU) (3)

HPS 331 / BIO 318: History of Medicine (HU & H) (3)

LSC 363: Genes, Race, Gender, and Society (L) (3)

MED 300: Historical and Contemporary Issues in Health (L) (3)

PHI 306: Applied Ethics (HU) (3)

REL 381: Religion and Moral Issues (L or HU) (3)

SOC 400: Perspectives on Aging (SB) (3)

SOC 448: Epidemics and Society (SB & G) (3)

TCL 323: Latina/o Health Issues (SB & C) (3)

TCL 410: Race, Medicine, and the Body (L) (3)

WST 444: Gender, Health, and Bodies (SB) (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Some elective courses may be available only on the Tempe campus or the West campus.

Enrollment Requirements:

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Liberal Arts & Sciences, The College of

Department of English
<https://thecollege.asu.edu/content/interdisciplinary-health-humanities>
RBHL 170
englishadvising@asu.edu
480-965-3168

International Business Certificate (BAIBSCERT)

Campus: Tempe

Description:

Students can expand their horizons and opportunities by learning about the global economy. The certificate program in international business studies is designed to help students develop competence in a foreign language and sensitivity to foreign cultures. It provides an awareness of global social processes and an understanding of international business environments, principles and operations.

The W. P. Carey School of Business has partnerships with universities all over the world, so students can experience new cultures, visit new places and build intercultural and language skills. International internships also are offered in conjunction with the ASU Study Abroad Office.

Program Requirements:

This certificate program requires a minimum of 18 credit hours (at least 12 credit hours must be upper-division). All business coursework must be completed through the W. P. Carey School of Business or through an approved ASU international study program.

Only courses in which a student receives a grade of "C" (2.00 on a 4.00 scale) or better may be used to meet the certificate requirements, and an overall certificate GPA of at least 2.50 must be earned.

Students must meet all course prerequisites and requirements as listed in the ASU catalog. Requirements must be met within one year after degree conferral date.

International Business Core Course -- 3 credit hours

MGT 302: Principles of International Business (G) or ECN 306: Survey of International Economics (SB & G) (3)

A. International Business Electives -- 6 credit hours

AGB 302: International Management and Agribusiness (G) (3)

ECN 306: Survey of International Economics (SB & G) (3)

ECN 331: Economics of the European Economic Union (SB & G) (3)

ECN 335: South Asia and the World Economy (SB & G) (3)

ECN 360: Economic Development (SB & G) (3)

ECN 365: Economics of Russia and Eastern Europe (SB & G) (3)

ECN 436: International Trade Theory (SB & G) (3)

ECN 438: International Monetary Economics (SB & G) (3)

FIN 456: International Financial Management (G) (3)

MGT 302: Principles of International Business (G) (3)

MGT 400: Cross-Cultural Management (C & G) (3)

MGT 425: Global Human Resources (3)

MGT 459: International Management (G) (3)

MKT 425: Global Marketing Management (G) (3)

SCM 463: Global Supply Chain Management (G) (3)

*300+ level WPC-prefixed courses earned on a sponsored ASU Study Abroad program may be applied toward the IBC elective area, per approval of the international programs coordinator. Courses applied toward the W. P. Carey business core cannot be used toward the IBC elective area.

B. Nonbusiness Global Awareness Coursework -- 9 credit hours

Nonbusiness Global Awareness Coursework (9)

Notes: These hours may be satisfied by any combination of the following:

1. Students can choose any of the university-designated nonbusiness global awareness ("G") courses.
2. One course must be upper-division to meet the 12 upper-division hours requirement.
3. Recommended: It is recommended to choose courses related to the area of study abroad experience. Additional courses may be approved by the international program coordinator.
4. Nonbusiness global awareness hours may also be satisfied by:

* An ASU or W. P. Carey School of Business education abroad program earning six credit hours or more fulfills six of the credit hours of nonbusiness global requirements.

* An ASU or W. P. Carey School of Business education abroad program earning three credit hours fulfills three of the credit hours of nonbusiness global requirements.

C. Foreign Language Proficiency

The certificate program requires students to meet a foreign language proficiency by meeting one of the the following:

- Completion of one year (two semesters) of the same foreign language at the college level.
- Completion of one semester of the equivalent of 101- and 102-level course work.
- Completion of two years of the same foreign language in high school with a minimum grade of "C" (2.00 on a 4.00 scale).
- Documentation of a proficiency test confirming preparedness to start at least the second year of a foreign language (201 level or above).
- A student whose native language is not English may have this requirement waived.

D. International Study Experience

The certificate program requires students to participate in an ASU Study Abroad Office sponsored program. Students cannot use independent non-sponsored programs to fulfill this requirement. Sponsored programs can be found on the Study Abroad Office website at <https://mystudyabroad.asu.edu/>.

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

The certificate application is accessed and submitted through Advising SOS: <http://wpcarey.asu.edu/sos> (<http://wpcarey.asu.edu/sos>). Students should contact the department for more information.

No more than six credit hours may be shared between certificate and other degree programs, minors, or other certificates.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

For disclosure information on this U.S. Department of Education Gainful Employment program, students should see <https://catalog.asu.edu/files/disclosures/BAIBSCERT/Gedt.pdf> (<https://catalog.asu.edu/files/disclosures/BAIBSCERT/Gedt.pdf>).

Contact Information:

Business, W. P. Carey School of
Dean, W.P. Carey School of Business
<https://wpcarey.asu.edu/undergraduate-degrees/international-business-certificate>
BA 160
wpcglobalprograms@asu.edu
480-965-4227

International Cinema Certificate (LAICINCERT)

Campus: Tempe

Description:

The power of international cinema lies in its ability to underscore national differences and engage diverse viewpoints.

The certificate program in international cinema provides undergraduates with the means to explore and understand the role that international film plays in highlighting cultural diversity, reflecting the sociocultural, political and economic currents of the period and cultural setting depicted, and calling into question an accepted idea of the dominance of Hollywood film.

Following an integrated pathway through the variety of international film courses, the certificate program explores facets of international film history and production not often covered by American programs in film studies. Students majoring in a second language can explore a particular culture's filmic heritage and traverse avenues for comparative analysis between the filmic heritage of two or more cultures. Students majoring in other areas can encounter visual narratives different from their own and connect international cinema to their own respective experiences.

Program Requirements:

The certificate requires 18 credit hours of upper-division coursework. Each course must be completed with a grade of "C" (2.00 on a 4.00 scale) or better.

Required Core Course -- 3 credit hours

SLC 340: Approaches to International Cinema (HU & G) (3)

Elective Courses (choose five) -- 15 credit hours

CHI 345: Chinese Film and Civilization (3)

FMP 404: World Cinema (G) (3)

FMS 426: Films of India (3)

FMS 427: Identity and World Film (C) (3)

FMS 430: Artists in Film: Artists' Biopics (3)

FMS 441: Global Cinema (HU & G) (3)

GER 445 / FMS 445 / SLC 445: The Holocaust in German-Mediated Memory (3)

GER 446 / FMS 446 / SLC 446: Weimar-Era German Film (3)

HEB 349: Israeli Wars in Israeli Movies (HU & G) (3)

ITA 420: Italian Cinema (L & G) (3)

KOR 347: Korean Film and Literature (HU) (3)

SLC 423: Italian Organized Crime in Films and History ((L or HU) & G) (3)

SLC 450: Experimental Narrative (3)

SPA 475: Latin American Film ((L or HU) & G) (3)

THE 422: Latinx Theatre and Film (HU & C) (3)

Additional upper-division elective courses may be approved by the coordinator of the certificate program.

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

ASU students in sophomore standing or above with a GPA of at least 2.50 in any degree program are eligible for the international cinema certificate program. Admission to the certificate program is approved by the certificate coordinator in consultation with advisors.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Liberal Arts & Sciences, The College of
School of International Letters and Cultures
<https://silc.asu.edu/degrees/undergrad/minor-certs>
LL 440
silcadvising@asu.edu
480-965-6281

International Studies Certificate (LAINSCERT)

Campus: Tempe

Description:

The international studies certificate program prepares students for careers in government agencies, international governmental and nongovernmental organizations, multinational firms and banks and for graduate studies in international relations or political science.

The certificate is not a substitute for degree requirements in any subject, including political science; rather, the required courses add an international and comparative dimension to the student's chosen major.

Program Requirements:

The certificate in international studies is comprised of 15 credit hours in political science and global studies. At least 12 credit hours must be in upper-division coursework and at least six of those credit hours must be from courses offered by The College of Liberal Arts and Sciences. A grade of "C" (2.00 on a 4.00 scale) or better is required for all courses used toward the certificate.

Foundations for International Studies -- 3 credit hours

POS 150: Comparative Government (SB & G) (3)

POS 160: Global Politics (SB & G) (3)

The U.S. in the World -- 3 credit hours

POS 361: American Foreign Policy (SB & G) (3)

POS 364: National Security, Intelligence, and Terrorism (SB) (3)

Contemporary Issues in International Studies -- 6 credit hours

POS 300: Contemporary Global Controversies (SB & G) (3)

POS 368: Ethics and Human Rights (3)

POS 465: International Organization and Law (SB & G) (3)

POS 467: International Security (SB & G) (3)

POS 486: International Political Economy (SB & G) (3)

SGS 301: Principles of Global Studies (G) (3)

SGS 303: Global Trends (SB & G) (3)

SGS 324: Negotiating Global Trade (3)

SGS 350: Economic Development and Globalization (3)

SGS 361: World Society: Imagining the World (3)

SGS 370: Geopolitics (3)

Regional or Topical Exploration -- 3 credit hours

POS 350: Comparative Politics (SB & G) (3)

POS 351: Democratization (SB & G) (3)

POS 352: European Democracies (3)

POS 353: Comparative Politics of the Middle East (3)

POS 356: European Union (SB & G) (3)

POS 357: South Asia Politics (SB & G) (3)

POS 358: Southeast Asia (SB & G) (3)

POS 359: African Politics and Society (SB & G) (3)

POS 360: World Politics (SB & G) (3)

POS 365: Terrorism and Insurgency (3)

POS 379: The Resource Curse (3)

POS 452: China (SB & G) (3)

POS 453: Latin America (SB & G) (3)

POS 454: Mexico (SB & G) (3)

POS 468: Comparative Asian Foreign Policies (SB & G) (3)

SGS 360: Cultural Aspects of Globalization (3)

Only one of POS 160 Global Politics and POS 360 World Politics courses may apply to the certificate.

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

Students should contact the School of Politics and Global Studies for more information about completing the international studies certificate.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Liberal Arts & Sciences, The College of

School of Politics and Global Studies

<https://spgs.asu.edu/>

COOR 6797

spgs-ugadvising@asu.edu

480-965-8563

International Trade Certificate (TBINTRCERT)

Campus: Downtown Phoenix, West

Description:

International trade is increasingly important in this globalized economy, but also increasingly challenging. The International Monetary Fund predicts that most of the world's economic growth in the next decade will take place in the largest emerging markets, which are not always easy for companies and nonprofit organizations to penetrate. Most of the world's consumers are outside of the United States. Given these trends, organizations across sectors that operate in multiple countries are increasingly in need of managers who understand the complexities of the global economy.

The certificate program in international trade provides students with an understanding of foreign markets and the intricacies of international trade, laying the foundation for a career that can take them anywhere in the world.

Thunderbird School of Global Management has produced unique leaders for more than 70 years, leaders in every sector capable of tackling the world's greatest challenges. Home to the Bachelor of Global Management and Bachelor of International Trade, the school's innovative and practical curriculum complements a strong core of global business management skills, international political economy, and cross-cultural training, with a transdisciplinary approach. The alumni network has over 45,000 graduates across 170 chapters around the globe.

Program Requirements:

The certificate in international trade requires a minimum of 18 credit hours as outlined below, with a minimum of 12 upper-division credits. Students are encouraged to take courses that develop breadth within their sector rather than limiting their selection to courses in one particular subject area.

Required Courses -- 6 credit hours

TGM 101: Principles of Global Management (G) (3)

TGM 430: International Trade and Regional Economic Agreements (3)

It is recommended that students take TGM 101 prior to or concurrently with other TGM courses.

Electives -- 12 credit hours

TGM 204: Principles of Marketing for Global Organizations (3)

TGM 300: Principles of Finance for Global Organizations (3)

TGM 310: Supply Chain Operations for Global Organizations (3)

TGM 312: Big Data in the Global Economy (3)

TGM 353: Asia Region (G) (3)

TGM 353: Latin America Region (G) (3)

TGM 460: Global Risk Assessment and Management (3)

TGM 468: States and Markets in a Global Economy (SB & G) (3)

TGM 478: Cross-Cultural Communication and Negotiation (3)

TGM 489: Multinational Organizational Leadership (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Study abroad or international experience is encouraged but not required. Consider ASU Study Abroad (<https://mystudyabroad.asu.edu/>) opportunities.

Enrollment Requirements:

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Global Management, Thunderbird School of

Thunderbird School of Global Management

<https://thunderbird.asu.edu>

FAB N290

undergrad.tbird@asu.edu

602-543-0029

Islamic Studies Certificate (LAISLCERT)

Campus: Tempe

Description:

The certificate in Islamic studies allows students to gain an appreciation of Islam's multiculturalism and contemporary relevance in multiple geographic settings.

The program is designed to prepare students for graduate programs in religious studies, Islamic studies and area studies and for any academic discipline or career, such as international law and business, that focuses on the global Muslim society.

Program Requirements:

The certificate in Islamic studies requires a minimum of 26 credit hours. At least 12 upper-division hours are required. At least six upper-division hours must be in courses offered by The College of Liberal Arts and Sciences. A minimum grade of "C" (2.00 on a 4.00 scale) is required in each course used toward the certificate.

Core -- 9 credit hours

HST 260 / REL 260: Introduction to Islam (HU & G) (3)
HST 336 / REL 365: Islamic Civilization (HU & H) (3)
HST 339 / REL 366: Islam in the Modern World (HU & G) (3)

Language Requirement -- 8 credit hours

Students must take a minimum of eight credit hours in the same language: either Arabic or Indonesian, or other appropriate languages, such as Farsi, Tatar, or Uzbek. Students who are native speakers of these languages or other Islamic languages, or who have other equivalent knowledge may substitute eight credit hours of additional coursework selected from the list of approved electives. See program coordinator.

ARB 101: Elementary Arabic I (G) (5)
ARB 102: Elementary Arabic II (G) (5)
ARB 201: Intermediate Arabic I (G) (5)
ARB 202: Intermediate Arabic II (G) (5)
ARB 311: Advanced Arabic Skills I (3)
ARB 321: Arabic Conversation I (3)
ARB 411: Advanced Arabic Skills II (3)
ARB 421: Arabic Conversation II (3)
IDN 101: Elementary Indonesian I (5)
IDN 102: Elementary Indonesian II (5)
IDN 201: Intermediate Indonesian I (G) (5)
IDN 202: Intermediate Indonesian II (G) (5)

Elective Courses -- 9 credit hours

Students must choose electives that represent at least two of three geographic regions. The available geographic regions are Africa and the Middle East, America and Europe, and Asia. No more than one course from the "non-geographic" list may apply toward the certificate. It is recommended that students work with an academic advisor in the School of Historical, Philosophical and Religious Studies to select appropriate elective courses.

Africa and the Middle East

AFR 300 / ASB 310: Precolonial Africa (SB & G & H) (3)
AFR 340: The Making of Modern Africa (SB & G & H) (3)
AFR 466 / ASB 466: Peoples and Cultures of Africa (SB & G) (3)
ARB 331 / SLC 331: Arabic/Islamic Culture and Literature (HU & H & G) (3)
ARB 335: Arabic Culture and Islam (G) (3)
ARB 337: Hadith and Prophetic Tradition (3)
ARB 341: Quran Text and Women (HU & H) (3)
ARB 351: Classical Arabic Literature (3)
ARB 352: Modern Arabic Literature in Translation (HU & G) (3)
ASB 366 / AFR 366: African Archaeology: Precolonial Urban Culture (SB & H) (3)
GCU 328: Geography of Middle East and North Africa (SB & G) (3)
HST 307: Studies in African History (H) (3)
HST 372: Modern Middle East (SB & G & H) (3)
POS 353: Comparative Politics of the Middle East (3)
POS 359: African Politics and Society (SB & G) (3)
REL 362 / AFR 372 / SGS 366: Islam and Islamic Societies in Africa: Social and Political History (G) (3)
REL 369: Women in Islam (3)
REL 461 / AFR 480 / SGS 442: Different Voices Within Contemporary Islamic Discourse (3)

America and Europe

GCU 426: Geography of Russia and Surroundings (SB & G) (3)
REL 310: Western Religious Traditions (HU & H) (3)
REL 364: Islam in Eurasia and Central Asia (3)
REL 377: Religion in Russia (HU & H) (3)
SGS 394: The Kosovo War (3)
SPA 425: Foundational Texts of Spain (L or HU) (3)
SPA 473: Old and New Spaniards: Culture and Civilization of Spain ((HU or SB) & G) (3)

Asia

ASB 325: Peoples of Southeast Asia (G) (3)
GCU 326: Geography of Asia (SB & G) (3)

GCU 433: Geography of Southeast Asia (3)
HST 106: Asian Civilizations ((HU or SB) & G & H) (3)
HST 111 / REL 111: Introduction to Asia (HU & H & G) (3)
HST 240 / GCU 240 / POS 240 / REL 240 / SGS 240: Introduction to Southeast Asia ((HU or SB) & G) (3)
HST 245 / POS 245 / REL 245 / SGS 245 / SLC 245: Introduction to India and South Asia (HU & H & G) (3)
HST 391 / SGS 381: Modern Southeast Asia (SB & G & H) (3)
HST 392: Modern India (3)
REL 347: Religions of India: Peace and Conflict ((L or HU) & G) (3)
REL 348: Religion and Culture in Southeast Asia (3)
REL 364: Islam in Eurasia and Central Asia (3)

Non-geographic

ARB 336: Introduction to the Qur'an (G) (3)
HST 302: Gender and Sexuality in Islam ((HU or SB) & G & H) (3)
HST 302 / JST 302: Jews, Christians & Muslims in Early Modern World ((HU or SB) & G & H) (3)
HST 302 / JST 302: Jews, Christians & Muslims in the Medieval World ((HU or SB) & G & H) (3)
HST 302: Women, War and Peace ((HU or SB) & G & H) (3)
POS 364: National Security, Intelligence, and Terrorism (SB) (3)
REL 205: Life, Sex and Death (HU) (3)
REL 363 / AFR 373: Islam and World Affairs (G) (3)
REL 378 / POS 378: Religion, War and Peace (L) (3)
REL 379 / SGS 343: Religion, Nationalism, and Ethnic Conflict (HU & G) (3)
REL 390 / WST 390: Women, Gender and Religion (HU & G) (3)
REL 460: Studies in Islamic Religion (HU & G) (3)
REL 480 / SGS 441: Religion and Global Politics (L & G) (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

Students wishing to add the certificate in Islamic studies to their plan of study must consult with an academic advisor in the School of Historical, Philosophical and Religious Studies. Students who complete all the requirements of their undergraduate major, their college and the certificate program receive the certificate plus transcript recognition of its completion.

There are no specific admission requirements other than a student's desire to learn about Islam and Islamic societies and culture.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Liberal Arts & Sciences, The College of
Historical, Philosophical & Religious Studies, Sch
<https://shprs.asu.edu/islamic-studies>
COOR 3307
SHPRSadvising@asu.edu
480-965-8364

Jewish Studies Certificate (LAJUDCERT)

Campus: Tempe

Description:

The Jewish studies certificate program examines the history and culture of the Jews, generates and facilitates research on Judaica, and provides a model for transdisciplinary teaching and research. The program provides the community with programs, courses and research to further the understanding of Judaica and stands as an example of the university's commitment to a program of meaningful ethnic studies on a firm academic base.

Program Requirements:

The certificate in Jewish studies requires a minimum of 21 credit hours in approved course work. At least 12 upper-division hours are required. At least six upper-division hours must be in courses offered by The College of Liberal Arts and Sciences. A minimum grade of "C" (2.00 on a 4.00

scale) is required in each course used toward the certificate.

Language Requirement -- 6 credit hours

Students must complete two semesters of the same language (6-10 credit hours).

ARB 101: Elementary Arabic I (G) AND ARB 102: Elementary Arabic II (G) (10)

GER 101: Elementary German I (G) AND GER 102: Elementary German II (G) (8)

HEB 101 AND HEB 102: Elementary Modern Hebrew (G) (8)

HEB 131: Biblical Hebrew I AND HEB 132: Biblical Hebrew II (6)

SPA 101: Elementary Spanish I AND SPA 102: Elementary Spanish II (8)

Thematic Track Electives (choose three courses) -- 9 credit hours

Students choose one course in three of five thematic tracks. Available tracks include history, humanities, literature, religious studies and social studies. At least six credit hours must be upper-division course work. (9)

History

HEB 375: Contemporary Culture of Israel (HU & G) (3)

HST 302: Jews, Christians & Muslims in Early Modern World ((HU or SB) & G & H) (3)

HST 302: Jews, Christians & Muslims in the Medieval World ((HU or SB) & G & H) (3)

HST 304: Exiles, Migrants, Refugees in Jewish History (SB & H) (3)

HST 304: History of Antisemitism (SB & H) (3)

HST 304: Jews and Christians in the Middle Ages (SB & H) (3)

HST 304: Nazi Germany (SB & H) (3)

HST 304: Rebirth of European Jewish Life after 1950 (SB & H) (3)

HST 358: Jewish History from Antiquity to 1492 (SB & H) (3)

HST 359: Jewish History from 1492 to 1948 (SB & G & H) (3)

HST 372: Modern Middle East (SB & G & H) (3)

HST 436: The Soviet Experiment (SB & G & H) (3)

JST 210 / REL 210: Introduction to Judaism (HU & H) (3)

JST 211 / HST 211 / REL 211: Jews and Judaism in America (SB & H) (3)

JST 230 / HST 230 / REL 230: Introduction to Jewish Civilization (HU & H & G) (3)

JST 302: Studies in History ((HU or SB) & G & H) (3)

JST 304: Studies in European History (SB & H) (3)

JST 314 / HST 390 / PHI 390 / REL 314: Jewish Philosophy (3)

JST 315 / REL 315: Hebrew Bible (Old Testament) ((L or HU) & H) (3)

JST 347 / ENG 347 / HEB 347 / SLC 347: Modern Israeli Literature in Translation (HU & G) (3)

JST 369 / HST 369 / REL 312: History and Memory of the Holocaust (3)

JST 491: History of Antisemitism (3)

REL 410: Judaism in Modern Times (HU & H) (3)

Humanities

ENG 356: The Bible as Literature (HU) (3)

HEB 349 / FMS 349: Israeli Wars in Israeli Movies (HU & G) (3)

JST 314 / HST 390 / PHI 390 / REL 314: Jewish Philosophy (3)

JST 315 / REL 315: Hebrew Bible (Old Testament) ((L or HU) & H) (3)

JST 316 / ENG 316 / HEB 316 / REL 316: Literary Readings of the Hebrew Bible (L or HU) (3)

JST 318 / REL 318: Contemporary American Jewish Identities ((HU or SB) & C) (3)

JST 348 / HEB 348 / REL 311 / SLC 348: Israeli Society and Culture (HU & G) (3)

JST 349 / HPS 349 / REL 349 / SOS 349: Nature, Sustainability and Religion (3)

JST 445 / FMS 445 / GER 445 / SLC 445: The Holocaust in German-Mediated Memory (3)

JST 459 / SLC 459 / SPA 459: Latin American Jewish Culture (3)

JST 496: Biblical Narratives: Literary Approaches (3)

REL 313: Anti-Semitism in the Media (3)

REL 410: Judaism in Modern Times (HU & H) (3)

Literature

ENG 356: The Bible as Literature (HU) (3)

JST 316 / ENG 316 / HEB 316 / REL 316: Literary Readings of the Hebrew Bible (L or HU) (3)

JST 347 / ENG 347 / HEB 347 / SLC 347: Modern Israeli Literature in Translation (HU & G) (3)

JST 411 / HEB 411 / REL 411: Judaism and the Beginnings of Christianity (HU & H) (3)

JST 459 / SLC 459 / SPA 459: Latin American Jewish Culture (3)

JST 496: Biblical Narratives: Literary Approaches (3)

Religious Studies

JST 210 / REL 210: Introduction to Judaism (HU & H) (3)
JST 314 / HST 390 / PHI 390 / REL 314: Jewish Philosophy (3)
JST 316 / ENG 316 / HEB 316 / REL 316: Literary Readings of the Hebrew Bible (L or HU) (3)
JST 318 / REL 318: Contemporary American Jewish Identities ((HU or SB) & C) (3)
JST 348 / HEB 348 / REL 311 / SLC 348: Israeli Society and Culture (HU & G) (3)
JST 369 / HST 369 / REL 312: History and Memory of the Holocaust (3)
JST 491: History of Antisemitism (3)
JST 495: Judaism, Science and World Religions (3)
JST 496: Biblical Narratives: Literary Approaches (3)
REL 207: Ritual, Symbol, and Myth (L or HU) (3)
REL 310: Western Religious Traditions (HU & H) (3)
REL 313: Anti-Semitism in the Media (3)
REL 385: Contemporary Western Religious Thought (HU) (3)

Social Studies

HST 358: Jewish History from Antiquity to 1492 (SB & H) (3)
HST 359: Jewish History from 1492 to 1948 (SB & G & H) (3)
HST 372: Modern Middle East (SB & G & H) (3)
JST 211 / HST 211 / REL 211: Jews and Judaism in America (SB & H) (3)
JST 318 / REL 318: Contemporary American Jewish Identities ((HU or SB) & C) (3)
JST 348 / HEB 348 / REL 311 / SLC 348: Israeli Society and Culture (HU & G) (3)
JUS 374: The Holocaust, Genocide, and Human Rights (3)
STS 364: Science, Technology, and National Security (SB) (3)

Upper-Division Electives -- 6 credit hours

Students choose upper-division electives from any of the thematic track course lists (the electives may be from any combination of thematic tracks).

Upper Division Certificate Electives (6)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

Incompatible Majors: BA in Jewish studies

Students wishing to pursue the certificate in Jewish studies must consult with an academic advisor in the School of Historical, Philosophical and Religious Studies and make a formal declaration of intent through the submission of the certificate in Jewish studies application.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Liberal Arts & Sciences, The College of
Historical, Philosophical & Religious Studies, Sch
<https://shprs.asu.edu/node/187>
COOR 3307
SHPRSadvising@asu.edu
480-965-8364

Korean Studies Certificate (LAKORCERT)

Campus: Tempe

Description:

The certificate program in Korean studies aims to train and produce students who are linguistically capable and culturally informed.

The program consists of two major components. The first builds students' Korean language proficiency in the areas of speaking, listening, reading and writing. The second offers students a broad range of knowledge of the culture, literature, history, art and religions of Korea. The certificate allows students to focus on Korean studies.

The program enriches students' perspectives on different cultures and societies at the intellectual level and also equips them with practical

knowledge of Korea that will benefit careers in various professions, including academia, government work, international trade, nongovernmental organizations and translation.

Program Requirements:

The certificate in Korean studies requires a minimum of 22 credit hours, of which at least 12 must be completed at the upper-division level. Each course must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher.

Korean Language -- 10 credit hours

Students must choose one two-course sequence from KOR 101, KOR 102, KOR 201, KOR 202, for a total of 10 credit hours. Course substitutions may be permitted for heritage speakers and other advanced speakers of the Korean language based on their proficiency level as determined by the Korean Placement Test.

KOR 101: First-Year Korean I (5)

KOR 102: First-Year Korean II (5)

KOR 201: Second-Year Korean I (G) (5)

KOR 202: Second-Year Korean II (G) (5)

Upper-Division Electives -- 12 credit hours

KOR 321: Modern Korean Literature (HU) (3)

KOR 347: Korean Film and Literature (HU) (3)

KOR 350: Women of Korea (H) (3)

KOR 354: Religions of Korea (HU) (3)

Additional courses may be approved in consultation with an academic advisor in the School of International Letters and Cultures or the coordinator of the certificate. The completion of the requirements will be reviewed both by the students' designated advisors and the coordinator of the program. Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

ASU students admitted to a degree program in any field of study are eligible for the Korean studies certificate program. Students should contact the School of International Letters and Cultures for more information about completing the certificate.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Liberal Arts & Sciences, The College of
School of International Letters and Cultures
<https://silc.asu.edu/degrees/undergrad/minor-certs>
LL 440
silcadvising@asu.edu
480-965-6281

Latin American Studies Certificate (LALASCERT)

Campus: Tempe

Description:

The Latin American studies certificate is designed to give students an understanding of the culture, economies, political structures and history of Latin American nations.

The program combines six courses across disciplinary boundaries to provide a diverse perspective of the Latin American experience. The Department of Economics, the School of Geographical Sciences and Urban Planning, the School of Historical, Philosophical and Religious Studies, the School of Politics and Global Studies, the School of Human Evolution and Social Change, the School of International Letters and Cultures (Spanish and Portuguese) and the School of Transborder Studies offer courses that comprise the transdisciplinary certificate.

Program Requirements:

The certificate requires a minimum of 18 credit hours of Latin American studies content. At least 12 upper-division credit hours must be completed from coursework offered by The College of Liberal Arts and Sciences. Each course must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher.

Language Requirement

Students must demonstrate Spanish or Portuguese proficiency through the 313 level of conversation and composition. The language proficiency requirement may be waived for native speakers or those with in-field experience equivalent to SPA 313 or POR 313.

Language instruction courses dealing with Spanish and Portuguese conversation and composition cannot be used to satisfy the content course requirement. While students are encouraged to enroll in language instruction courses (i.e., conversation and composition) above the 313 level, they cannot apply such coursework to the Latin American studies certificate course requirements.

Latin American Content Course Requirements -- 18 credit hours

Students will take 18 upper-division credit hours (six courses) from this list of Latin American content courses. Students are required to select nine credit hours (three courses) from within their major and nine credit hours (three courses) outside their major.

ARS 362: Survey of Aztec, Maya and Inka Art (HU) (3)
ASB 322: Peoples of Latin America ((L or SB) & G) (3)
ASB 337: Pyramids and Hieroglyphs: Life in Ancient Mesoamerica ((HU or SB) & G & H) (3)
GCU 323: Geography of Latin America (SB & G) (3)
GCU 424: Geography of Mexico and Middle America (SB & G) (3)
HST 305: Studies in Latin American History (SB & H) (3)
HST 331 / TCL 331: Mexican American History to 1900 (SB & H & C) (3)
HST 375: Colonial Latin America (SB & H) (3)
HST 376: Modern Latin America (SB & G & H) (3)
HST 441: Latin America and the World Economy (L & G & H) (3)
HST 443: The United States and Latin America (SB & G & H) (3)
HST 445: 20th-Century Cuba (SB & G & H) (3)
HST 447: Modern Mexico (SB & H) (3)
POR 472: Luso-Brazilian Civilization (HU & G) (3)
POR 494: Special Topics (3)
POS 305: Politics and Film (SB) (3)
POS 453: Latin America (SB & G) (3)
POS 454: Mexico (SB & G) (3)
SPA 427: Colonial and Postcolonial Latin American Literature (L or HU) (3)
SPA 428: Foundational Texts of Latin American Literature Since Modernismo ((L or HU) & G) (3)
SPA 429: Writing Mexico: Major Texts ((L or HU) & G) (3)
SPA 456: 20th-Century Spanish American Fiction (3)
SPA 471: Civilization of the Indohispanomexicano Southwest ((L or HU) & C) (3)
SPA 472: Latin American Society: Five Case Studies (HU & H & G) (3)
SPA 474: Revolutionary Mexico and Postmodern Revisions ((L or HU) & G) (3)
SPA 475 / SLC 475: Latin American Film ((L or HU) & G) (3)
TCL 310: Folklore of the Southwest (HU & C) (3)
TCL 314: Transborder Latin American Migration to the U.S. ((L or SB) & H & C) (3)
TCL 350: Mexican and Chicana/o Artistic Production (HU & C & G) (3)
TCL 444: The Ethnography of Mexico and the Borderlands (SB & G) (3)
THE 426: Pre-Columbian Theatre of the Americas (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

Any student admitted to study at ASU may complete a certificate program.

For more information, students should contact the School of International Letters and Cultures: <https://silc.asu.edu/degrees> (<https://silc.asu.edu/degrees>).

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Liberal Arts & Sciences, The College of
School of International Letters and Cultures

Law and Human Behavior Certificate (PPLWHBCERT)

Campus: Downtown Phoenix, Tempe, West

Description:

Law and human behavior is an umbrella term that encompasses various aspects of the rapidly emerging field of forensic psychology, law and justice.

This 18-credit hour certificate program focuses on the criminal justice aspects of forensic psychology, emphasizing victimology, offender treatment, criminal incapacity, mental health law, juvenile justice and delinquency, and the dynamics of how the criminal justice system intersects with behavioral science. The program is designed to provide students of social services and social sciences with an understanding of important but understudied areas where justice policy is in desperate need of empirical, psychological research.

Program Requirements:

Required Core -- 12 credit hours

CRJ 260: Substantive Criminal Law (3)

CRJ 410: Procedural Criminal Law (3)

PSY 366: Abnormal Psychology (SB) (3)

PSY 468: Psychology and Law (3)

Electives (choose two from outside of one's major) -- 6 credit hours

CRJ 309: Criminology (SB) (3)

CRJ 403: Victims and the Criminal Justice System (3)

CRJ 406: Sex Crimes (3)

CRJ 434: Drugs of Abuse (3)

CRJ 435: Crime and Forensic Mental Health (SB) (3)

CRJ 484: Internship (1-6)

Notes: Only those relevant to law and human behavior

CRJ 494: Special Topics (3)

Notes: Only those relevant to law and human behavior

PSY 341: Developmental Psychology (SB) (3)

PSY 368: Forensic Psychology (3)

PSY 443: Abnormal Child Psychology (L or SB) (3)

PSY 472: Clinical Psychology (3)

PSY 474: Correctional Psychology (3)

PSY 494: Special Topics (3)

Notes: Only those relevant to law and human behavior

1. Special Topics courses (CRJ 494 and PSY 494) will be designated and approved by departments and schools. Students will need to work with an advisor in order to select appropriate special topics courses that are approved for credit in the law and human behavior certificate program.
 2. At least 12 credit hours must be taken in-residence at ASU.
 3. A "C" (2.00 on a 4.00 scale) or better is required in all course work required for the certificate.
 4. Bachelor of Science in criminology and criminal justice majors who are also pursuing the Law and Human Behavior certificate may not use CRJ 309, CRJ 403, CRJ 406, CRJ 410, CRJ 434, CRJ 435, CRJ 484, and CRJ 494 towards both their degree and certificate.
- Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

Students must complete the following prerequisite courses with a grade of "C" or higher (scale is 4.00 = "A") in order to enroll in the certificate program. These courses may be taken in-residence at ASU or may be transferred in from other institutions, including community colleges. Because these courses are requirements for the bachelor's degree program in psychology or criminology and criminal justice, their completion satisfies not only requirements of these two majors, but also the prerequisite requirements for enrollment in the certificate program in law and human behavior.

Completion of the following prerequisite courses with grades of "C" or higher are required for enrollment in the certificate program:

- CRJ 100 Introduction to Criminal Justice
- PSY 101 Introduction to Psychology

- first-year composition (ENG 102, 105 or 107)
- a course which meets the General Studies MA requirement (MAT 117, 119, 142, 170, 210 or 270)

one of the following two-course sequences in statistics and research methods:

- CRJ 302 and 303, or
- PSY 230 and 290

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Public Service and Community Solutions, Watts College of

School of Criminology and Criminal Justice

<https://ccj.asu.edu>

UCENT 600

SCCJAdvising@asu.edu

602-496-2356

Leadership and Ethics Certificate (PPLDECERT)

Campus: Downtown Phoenix

Description:

The certificate program in leadership and ethics focuses on understanding the broad transdisciplinary field of leadership and its application to various elements of society and community, and it prepares individuals for positions of leadership and responsibility in the university, in student organizations, in their communities and throughout their careers in business and government.

Program Requirements:

The certificate in leadership and ethics requires four core courses (12 credit hours), including a leadership capstone experience, plus one elective discipline-based course in leadership or ethics (3 credit hours). The three credit hours of elective course work may be selected from an approved list of elective courses or upon the recommendation of the department.

All courses applied to the certificate must be completed with a grade of "C" (2.00 on a 4.00 scale) or better.

Core Courses -- 12 credit hours

PAF 311: Leadership and Change (SB) (3)

PAF 410: Building Leadership Skills (SB) (3)

PAF 421: Leadership Capstone (3)

PAF 460: Public Service Ethics (3)

All core courses and the leadership capstone must be taken at Arizona State University. Any course substitutions for the certificate are at the discretion of the School of Public Affairs.

Elective Course (choose one) -- 3 credit hours

COM 430: Leadership in Group Communication (3)

HON 497: Honors Colloquium (3)

MGT 300: Organization and Management Leadership (3)

NLM 430: Managing Nonprofit Organizations (L) (3)

PAF 420: Public Leadership (3)

POS 314: The American Presidency (SB) (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

Students are encouraged to schedule an appointment with the undergraduate academic advisor in the School of Public Affairs.

Current students interested in earning the certificate must complete a request to add an undergraduate certificate and return it to the undergraduate academic advisor in the School of Public Affairs at the University Center on the Downtown Phoenix campus. Students may begin taking courses before they formally register for the certificate; however, they are encouraged to complete the paperwork as soon as possible.

Those interested may download the request to add an undergraduate certificate located at <https://students.asu.edu/forms/undergraduate-certificate> (<https://students.asu.edu/forms/undergraduate-certificate>).

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Public Service and Community Solutions, Watts College of
School of Public Affairs
<https://spa.asu.edu/undergradminors>
UCENT 400
spa@asu.edu
602-496-0450

Leadership in Business Certificate (BALIBCERT)

Campus: Polytechnic, Tempe, West

Description:

The leadership in business certificate program is designed to help students understand the concept of leadership, cultivate their leadership identity and understand how the development of their leadership skills impacts their professional development. Through this program, students develop a strong set of skills necessary for success in a dynamic workplace, skills that include communication, teamwork and collaboration, and problem-solving.

Program Requirements:

Required Courses -- 6 credit hours

MGT 310: Collaborative Team Skills (3)

MGT 411: Leading Organizations (3)

Leadership Development Electives (choose two courses, with at least one upper-division course) -- 6 credit hours

COM 225: Public Speaking (L) (3)

COM 259: Communication in Business and the Professions (3)

COM 312: Communication, Conflict, and Negotiation (3)

COM 319: Persuasion and Social Influence (SB) (3)

COM 400: Organizational Communication (HU & C) (3)

JUS 325: Globalization and Socio-Economic Justice (SB & G) (3)

MGT 303: Honors Organizational Strategies, Leadership, and Behavior (3)

MGT 400: Cross-Cultural Management (C & G) (3)

MGT 430: Negotiations (3)

MKT 302: Applied Marketing Management and Leadership (L) (3)

PAF 311: Leadership and Change (SB) (3)

PAF 410: Building Leadership Skills (SB) (3)

PAF 420: Public Leadership (3)

USL 210: Service Learning: Intro to Diverse Community Issues (L & C) (3)

Cultural Competency Elective (choose one course) -- 3 credit hours

JUS 438: Human Differences: Dilemmas of Justice ((L or HU) & C) (3)

LES 380: Consumer Perspective of Business Law (3)

MCO 460: Race, Gender, and Media (C) (3)

PHI 336: Social and Political Philosophy (HU) (3)

PHI 360: Business and Professional Ethics (HU) (3)

PHI 406: Moral Dilemmas (L or HU) (3)

REL 366: Islam in the Modern World (HU & G) (3)

REL 381: Religion and Moral Issues (L or HU) (3)

REL 480: Religion and Global Politics (L & G) (3)

SBS 301: Cultural Diversity ((L or SB) & C) (3)

SOC 334: Technology and Society (L or SB) (3)

SOC 339: Grassroots Social Movements (SB) (3)

SOC 342: Mexico-U.S. Borderlands (SB & C) (3)

SOC 352: Social Change (SB & G & H) (3)

SOC 363: Men and Masculinity (SB) (3)

TCL 314: Transborder Latin American Migration to the U.S. ((L or SB) & H & C) (3)

TCL 328: U.S. Latino Religion and Culture (HU & C) (3)

WST 300: Women and Gender in Contemporary Society (SB & C) (3)

- WST 331: Asian Pacific American Genders and Sexualities ((L or SB) & C) (3)
- WST 365: Women and International Health (G) (3)
- WST 467: Ethnic Women Writers (HU & C) (3)
- WST 471: Women's International Human Rights (3)
- WST 485: Women, Gender, and Leadership (SB & C) (3)

Complete four co-curricular experiences (all pending approval of the certificate coordinator):

1. Complete an approved internship. This requirement must be completed after approval to add the certificate.
2. Approved leadership position on an executive board with a registered ASU club or organization.
3. Approved leadership role in support of the W. P. Carey School of Business or ASU community: (WPC 101 Facilitator, WPC Peer Advisor, Camp Carey Director, Leadership Through Action (Tillman Program), USG Position, Community Assistant, Residential Engagement Leader, A.P.P.L.E., other petition-approved activity).
4. ASU-affiliated study abroad program OR 75 hours of service learning or community service.

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

This certificate is only open to students in the W. P. Carey School of Business. Students may apply for this certificate once they have completed MGT 310 Collaborative Team Skills and at least one of the co-curricular experiences (excluding the required internship). The certificate application is accessed and submitted online at Advising SOS: <https://wpcarey.asu.edu/sos> (<https://wpcarey.asu.edu/SOS>).

No more than six credit hours may be shared between certificate and other degree programs, minors, or other certificates.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Business, W. P. Carey School of
Department of Management and Entrepreneurship
<https://wpcarey.asu.edu/undergraduate-degrees/business-leadership-certificate>
BA 170
wpcareyug@asu.edu
480-965-4227

Leadership, Ethics and Service Certificate (PPLETSCERT)

Campus: Downtown Phoenix

ASU is not currently accepting applications for this program.

Description:

The leadership, ethics, and service certificate program includes coursework with an emphasis on values, ethics, leadership and public service. In addition to in-class instruction, the program includes a service learning component during the summer and out-of-classroom activities.

Program Requirements:

- Coursework -- 15 credit hours
- CRD 435: Service Learning for Community Development (3)
- NLM 235: Leadership and Ethics (3)
- NLM 410: Social Entrepreneurship (3)
- PAF 400: Senior Capstone Project (3)
- PAF 410: Building Leadership Skills (SB) (3)

A "C" (2.00 on a 4.00 scale) or better is required in all course work.

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

Students interested in this certificate should contact the Watts College of Public Service and Community Solutions by calling 602-496-0600.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded

prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Public Service and Community Solutions, Watts College of
School of Public Affairs
<https://publicservice.asu.edu/>
UCENT 780
copp@asu.edu
602-496-0600

Lesbian, Gay, Bisexual and Transgender Certificate (PPLGBTCERT)

Campus: Tempe

Description:

The certificate program in lesbian, gay, bisexual, and transgender studies offers students a multifaceted understanding of society.

Lesbians, gay men, bisexuals and transgender people play important roles as colleagues, clients, parents, children, siblings, neighbors, employees, employers, religious leaders and friends. Given the increasing visibility and changing political climate for LGBTQ people in the United States, all students, not only those who identify themselves as gay, lesbian, bisexual or transgender, are served well by learning about the histories, communities and contemporary social issues regarding people from LGBTQ backgrounds.

The educational experience is enhanced when students are introduced to complex intersections between and among sexual, racial, ethnic, religious, geographic and national identities. The philosophy of this certificate program in lesbian, gay, bisexual and transgender studies is to promote intellectual and pedagogical diversity as one of the university's greatest assets, and this is done, in part, by instilling in students a sensitivity to cultures different from their own and through careful analysis of the self in historical, artistic and sociocultural contexts.

The goals of the certificate program are to give students knowledge about the history, evolution of and current issues facing the LBGTQ community; practical experience utilizing coursework knowledge in the community through an internship or community service project; and theoretical perspectives on heterosexuality as a presumptive sexual identity. Students gain an understanding of lesbian, gay, bisexual and transgender studies as an academic area of inquiry; an understanding of community politics, dynamics and conflicts; and engages in a use-inspired education that culminates in a public presentation.

Program Requirements:

The certificate requires 15 credit hours; a minimum of 12 must be upper-division.

Required Course (choose one) -- 3 credit hours

SWU 180: Introduction to Lesbian, Gay, Bisexual and Transgender (LGBT) Studies (SB & C) (3)

WST 294: Sex, Gender, and Sexuality (3)

Electives -- 9 credit hours

AFR 375: Race, Gender and Sport (SB & C) (3)

AFR 394 / JUS 394 / WST 394: Gender and Hip Hop (3)

APA 210: Introduction to Ethnic Studies in the U.S. (C) (3)

APA 330: Asian Pacific American Genders and Sexualities ((L or SB) & C) (3)

APA 345: Asian Pacific Americans and Film (HU & C & H) (3)

ARS 485: Women in the Visual Arts (L) (3)

ASB 210: Human Sexuality: Anthropological Perspectives (SB & G) (3)

Notes: Only BIS students may use additional lower-division courses

ASB 346: Marriage and Family Diversity (SB & C) (3)

BIS 350: Diversity and Organizations (L & C) (3)

Notes: Student must pick LGBT focus for course project and receive approval from certificate advisor.

COM 316: Gender and Communication (SB & C) (3)

COM 421: Rhetoric of Social Issues (HU) (3)

COM 442: Identity, Performance, and Human Communication (3)

COM 494: Gender in the Media (3)

ENG 345: Transgender and Intersex Literature and Film (3)

ENG 440: Sexuality (HU) (3)

ENG 454: Gender and Literature (L or HU) (3)

FAS 264: Gender and Society (SB & C) (3)

FAS 332: Human Sexuality (SB) (3)

FAS 498: Transgender Youth and Families (3)

HST 364: Sex and Society in Modern Europe ((L or SB) & H) (3)
JUS 371: Sexuality and Social Justice (3)
JUS 427: Identity and Justice (L) (3)
JUS 435: Cinema and Justice (3)
MIC 314: HIV/AIDS: Science, Behavior, and Society (3)
SST 494: Transformational Leadership and Embodied Activism (3)
SWU 291: Social Service Delivery Systems (3)
SWU 374: Diversity and Oppression in a Social Work Context (C) (3)
SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C) (3)
THE 494: Queer Plays and Films (3)
WST 100: Women, Gender, and Society (SB & C) (3)
Notes: Only BIS students may use additional lower-division courses. Credit is only allowed for WST 100 or 300
WST 300: Women and Gender in Contemporary Society (SB & C) (3)
Notes: Credit is only allowed for WST 100 or 300
WST 313: Women and Sexuality (SB & C) (3)
WST 335: Lost in Space: Gender, Race, and Sexuality in Science Fiction (3)
WST 380: Race, Gender, and Class (SB & C) (3)
WST 460: Women and the Body (SB & C) (3)
WST 470: Gender and Popular Culture (HU & C) (3)
WST 477: Gender and Violence (SB & C) (3)

Capstone -- 3 credit hours

All students will complete a three credit hour capstone experience after completing a minimum of nine credit hours in the certificate program. The capstone experience will be supervised by any member of the faculty approved by the Lesbian, Gay, Bisexual, and Transgender Studies Committee.

Capstone Course (3)

Notes: Select capstone course with consultation of LGBT advisor.

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

Students interested in admission to the certificate program should meet with an academic advisor in the School of Social Transformation as soon as possible in order to complete a certificate declaration form and to select courses that most appropriately meet students' individual needs.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Liberal Arts & Sciences, The College of
School of Social Transformation
<https://sst.asu.edu/node/1703>
WILSN 125
SSTadvising@asu.edu
480-965-7682

Mathematical Concepts of Engineering Certificate (LAMACECERT)

Campus: Tempe, Online

Description:

The certificate program in mathematical concepts of engineering is designed for students who seek a strong foundation in mathematics to support their studies in engineering.

Combining a core foundation in the quantitative and analytical skills found in the field of mathematics with related skills in engineering fields, the program provides students with a solid mathematical background well-suited for multiple career paths.

Program Requirements:

The mathematical concepts of engineering certificate requires a minimum of 21 credit hours. At least 12 credit hours must be completed in upper-division coursework and at least nine credit hours must be completed at ASU. At least six upper-division hours in the certificate must be completed

in courses offered by the College of Liberal Arts and Sciences. A grade of "C" (2.00 on a 4.00 scale) or higher is required for each course used to fulfill a certificate requirement.

Required Courses -- 18 credit hours

IEE 380: Probability and Statistics for Engineering Problem Solving (CS) (3)

MAT 266: Calculus for Engineers II (MA) (3)

MAT 267: Calculus for Engineers III (MA) (3)

MAT 275: Modern Differential Equations (MA) (3)

MAT 343: Applied Linear Algebra (3)

STP 420: Introductory Applied Statistics (CS) (3)

Electives (choose one) -- 3 credit hours

IEE 381: Lean Six Sigma Methodology (3)

IEE 385: Engineering Statistics: Probability (3)

IEE 470: Stochastic Operations Research (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

Students must have completed MAT 265 or MAT 270 with a "C" or higher prior to enrolling in the certificate program. Students also must be in good academic standing with a minimum cumulative grade point average of 2.00.

This certificate is available through the Pathways for the Future program: <https://pff.asu.edu/> (<https://pff.asu.edu/>). Applicants with or without a bachelor's degree are eligible to apply for, and receive, this certificate through the Pathways for the Futures program. Applicants must have completed MAT 265 or MAT 270 with a "C" grade or higher (scale is 4.00 = "A"). Applicants who have taken these courses at another institution should use the Transfer Guide course search (<https://webapp4.asu.edu/transfercreditguide/app/home> (<https://webapp4.asu.edu/transfercreditguide/app/home>)) to determine if a transfer course can fulfill the prerequisite course requirements. Applicants who already hold a bachelor's degree should apply to ASU and this certificate program as a nondegree-seeking graduate student.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/certificates/mathematical-concepts-engineering-undergraduate-certificate/>)

Contact Information:

Liberal Arts & Sciences, The College of
School of Mathematical and Statistical Sciences
<https://math.asu.edu/>
WXLR 211
math@asu.edu
480-965-7195

Medieval and Renaissance Studies Certificate (LAMRSCERT)

Campus: Tempe

Description:

The Arizona Center for Medieval and Renaissance Studies has established a certificate program for undergraduate students interested in medieval and Renaissance studies which reflects the transdisciplinary nature of the field.

The program provides students the opportunity to take classes from several disciplines and to receive training in Latin, the international language of the periods, and other early vernacular languages. Completion of the certificate program prepares undergraduate students for advanced study in their fields.

Program Requirements:

In addition to the coursework and examinations required in a student's major field of study, students must complete a minimum of 18 credit hours to earn the certificate. The certificate requires a thesis. At least 12 credit hours must be upper-division. At least six upper-division credit hours must be in courses offered by the College of Liberal Arts and Sciences. All courses must be completed with a minimum grade of "C" (2.00 on a 4.00 scale).

Language Requirement (choose two) -- 6 credit hours

Students complete two semesters of Classical Latin or Biblical Hebrew in any combination (6-8 credit hours).

HEB 131: Biblical Hebrew I (3)
HEB 132: Biblical Hebrew II (3)
HEB 231: Biblical Hebrew III (3)
HEB 232: Biblical Hebrew IV (3)
LAT 101: Elementary Latin (4)
LAT 102: Elementary Latin (4)
LAT 201: Intermediate Latin I (HU) (4)
LAT 202: Intermediate Latin II (HU) (4)

Upper-Division Language (choose two) -- 6 credit hours

ENG 416: Chaucer in Middle English (HU) (3)
ENG 494: Viking Language and Culture (3)
FRE 321: French Cultural Masterpieces I ((L or HU) & H) (3)
LAT 301: Roman Authors (3)
LAT 322: Medieval Latin (3)
LAT 421: Roman Literature (HU) (3)

Electives (choose two) -- 6 credit hours

Medieval and Renaissance Studies electives must be chosen from courses outside the student's major discipline.

APH 313: History of Architecture I ((L or HU) & G & H) (3)
APH 314: History of Architecture II ((L or HU) & G & H) (3)
APH 414: Great Cities ((L or HU) & H) (3)
ARB 341: Quran Text and Women (HU & H) (3)
ARB 351: Classical Arabic Literature (3)
ARS 394: Ancient Art and Culture (3)
ARS 394: Art of Italian Renaissance (3)
ARS 414: Monasteries, Madonnas and Manuscripts (HU & H) (3)
ARS 418: German Renaissance and Reformation Art (HU) (3)
ARS 422: Italian High Renaissance Art and Mannerism (HU) (3)
ARS 494: Art of the Inka and their Ancestors (3)
ASB 326: Human Impacts on Ancient Environments (SB & H) (3)
CHI 321: Chinese Literature (HU) (3)
ENG 315: Medieval Literature in Translation (HU) (3)
ENG 320: Medievalism in Modern Culture (3)
ENG 320: Vikings, Hobbits & Ragnarok: Tolkien Medieval Sources (3)
ENG 321: Shakespeare (L or HU) (3)
ENG 326: English Drama 1660-1800 (HU) (3)
ENG 345: Literature and Music (3)
ENG 413: History of English Language (HU) (3)
ENG 415: Studies in Medieval Literature and Culture (HU) (3)
ENG 416: Chaucer in Middle English (HU) (3)
ENG 421: Studies in Shakespeare (L or HU) (3)
ENG 423: Renaissance Drama (L or HU) (3)
ENG 424: Milton (HU) (3)
ENG 476: Folklore & Oral Traditions ((L or HU or SB) & C) (3)
ENG 494: Viking Language and Culture (3)
FRE 321: French Cultural Masterpieces I ((L or HU) & H) (3)
FRE 415: French Civilization I (HU) (3)
GER 315: Germanic Mythology (HU & G) (3)
GER 421: German Literature Survey, 800-1800 (HU) (3)
GER 441: Fairy Tales (HU & G) (3)
HPS 322: History of Science (HU & H) (3)
HST 304: The Age of Machiavelli (SB & H) (3)
HST 304: Black Death: Pandemic Disease in the Medieval World (SB & H) (3)
HST 304: Jews and Christians in the Middle Ages (SB & H) (3)
HST 304: Renaissance and Reformation (SB & H) (3)
HST 309: Exploration and Empire ((L or HU) & H) (3)
HST 326: The Global History of the Trans-Atlantic Slave Trade (SB & H) (3)
HST 349: Early Middle Ages ((HU or SB) & H) (3)
HST 350: Later Middle Ages ((HU or SB) & H) (3)
HST 351: Renaissance Europe ((L or HU or SB) & H) (3)
HST 352: Europe's Reformations ((L or HU or SB) & H) (3)

HST 358: Jewish History from Antiquity to 1492 (SB & H) (3)
HST 359: Jewish History from 1492 to 1948 (SB & G & H) (3)
HST 361 / REL 374: Witchcraft and Heresy in Europe ((L or HU) & H) (3)
HST 366: England to 1689 (SB & H) (3)
HST 375: Colonial Latin America (SB & H) (3)
HST 387: Japan ((L or SB) & H) (3)
HST 388: Japan (SB & G & H) (3)
HST 406: American Revolution/1763-1789 (SB & H) (3)
HST 423: The Tudor Monarchy (SB & H) (3)
HST 424: The Stuart Monarchy (SB & H) (3)
HST 452 / CHI 452 / SLC 452: Chinese Cultural History II (SB & G & H) (3)
ITA 321: Italian Renaissance Culture: Politicians, Merchants, Artists and Courtesans (H) (3)
LAT 301: Roman Authors (3)
LAT 322: Medieval Latin (3)
LAT 421: Roman Literature (HU) (3)
MHL 341: Music History I (HU) (3)
MHL 342: Music History II (HU) (3)
MHL 437: Music in the Baroque Era (3)
REL 365: Islamic Civilization (HU & H) (3)
REL 382: Magick, Religion and Science (L or HU) (3)
SPA 425: Foundational Texts of Spain (L or HU) (3)
SPA 427: Colonial and Postcolonial Latin American Literature (L or HU) (3)
SPA 473: Old and New Spaniards: Culture and Civilization of Spain ((HU or SB) & G) (3)
THE 320: History of the Theatre I (HU & H) (3)
THE 321: History of the Theatre II (HU & H) (3)
THE 322: Theatre History and Culture (HU & H) (3)
THE 421: Shakespeare: Stage and Film (L or HU) (3)

Thesis

The certificate requires a thesis of approximately 25 pages in length, written within the student's major discipline for an upper-division course on a topic concerning the Middle Ages or Renaissance. The thesis may be used to fulfill the thesis requirement for students enrolled in Barrett, the Honors College. Students may use no more than three credit hours of individualized instruction courses toward the certificate.

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Liberal Arts & Sciences, The College of
Historical, Philosophical & Religious Studies, Sch
<https://acmrs.asu.edu/>
COOR 4432
acmrs@asu.edu
480-965-8097

Modern Hebrew Certificate (LAHEBCERT)

Campus: Tempe

Description:

The certificate program in modern Hebrew provides students with a firm foundation in modern Hebrew language and a broad knowledge of Israeli culture, leading to advanced skills in reading, writing and conversing in the language. The program includes the study of literature, politics and history enriching students' knowledge of the Middle East and offering them deeper understanding of current affairs.

Students pursuing careers in foreign policy, international business, tourism, media, translation and in different levels of education will benefit from this certificate program.

Program Requirements:

The certificate requires 20 credit hours. Each course must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher. A minimum of 12 credit hours must be completed at the upper-division level and a minimum of 12 credit hours must be earned at ASU or in an ASU-approved study abroad program.

Language -- 14 credit hours

HEB 201: Intermediate Modern Hebrew (G) (4)

HEB 202: Intermediate Modern Hebrew (G) (4)

HEB 313: Advanced Modern Hebrew (G) (3)

HEB 314: Advanced Modern Hebrew (G) (3)

Electives (choose two) -- 6 credit hours

HEB 347 / JST 347 / SLC 347 / ENG 347: Modern Israeli Literature in Translation (HU & G) (3)

HEB 348 / JST 348 / SLC 348: Israeli Society and Culture (HU & G) (3)

HEB 349: Israeli Wars in Israeli Movies (HU & G) (3)

HEB 375: Contemporary Culture of Israel (HU & G) (3)

HST 372: Modern Middle East (SB & G & H) (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

ASU students admitted to a degree program in any field of study are eligible to enroll in the modern Hebrew certificate program. In order to be admitted to the certificate program, students must complete HEB 101 and 102 Elementary Modern Hebrew to satisfy the requirements to enroll in HEB 201 Intermediate Modern Hebrew.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Liberal Arts & Sciences, The College of
School of International Letters and Cultures
<https://silc.asu.edu/degrees/undergrad/minor-certs>
LL 440
silcadvising@asu.edu
480-965-6281

Music Entrepreneurship Certificate (HIMERTCERT)

Campus: Tempe

Description:

Music entrepreneurship is a discipline that intersects the traditional music disciplines. Music entrepreneurship harnesses the skills and mindset of the entrepreneur to empower musicians to create work that is meaningful, sustainable and oriented to community and market need. Students in a music degree program or students with a background in music will benefit from the business, marketing and organizational skills offered by certificate courses as applied specifically to and within the arts.

Program Requirements:

The undergraduate certificate in music entrepreneurship consists of 15 credit hours, of which at least 12 credit hours must be upper-division. There are six credit hours of required coursework and the remaining nine credit hours are selected from the electives section. A grade of "C" or better is required in all courses.

Required Courses -- 6 credit hours

MSC 484: Music Entrepreneurship Fieldwork (3)

MUP 438: The Enterprising Musician (3)

Electives -- 9 credit hours

FMP 417: Business and Legal Practices in Entertainment (3)

HDA 420: Design and the Arts Business Administration (3)

MSC 221: Popular Music Lab: Rhythm Section (1)

MSC 451: Popular Music Industry Studies I (2)

MSC 452: Popular Music Industry Studies II (2)
MUP 319: Advanced Audio Engineering in the Arts (2)
MUP 439: Music Product Creation and Development (3)
NLM 220: Introduction to Nonprofit Organizations (3)
NLM 410: Social Entrepreneurship (3)
NLM 451: Grant Writing (3)
PAF 410: Building Leadership Skills (SB) (3)
THP 351: Arts Management (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

The certificate in music entrepreneurship is meant to supplement study for music majors and nonmajors in any discipline with a music background. Students may be admitted to the certificate by submitting a statement of interest outlining their music background and personal goals. Students will also interview with program faculty to demonstrate their music related skills.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Design & the Arts, Herberger Institute for
School of Music, Dance and Theatre
<https://music.asu.edu/degree-programs/minors-certificates>
MUSIC 0405
music@asu.edu
480-965-3371

Nonprofit Professional Certificate (PPNPYCERT)

Campus: Downtown Phoenix

Description:

This nationally recognized certificate program awards qualified students from diverse academic fields with the National Certified Nonprofit Professional credential. The CNP credential is awarded through the Nonprofit Leadership Alliance (formerly American Humanics, Inc.), a consortium of universities, nonprofits and funders that are committed to preparing students for management careers in the nonprofit sector: <https://www.certifiedtochangetheworld.org/> (<https://www.certifiedtochangetheworld.org/>).

The NLA/ASU program provides curricular and cocurricular programs that prepare students through its competency-based, experiential educational framework. The program is ideal for students wishing to complement their majors with a strong core of nonprofit management knowledge and skills through professional affiliation with and certification by the Nonprofit Leadership Alliance, the nation's leader in education for nonprofit careers. NLA collaborates with a number of national nonprofit organizations as well as locally based grassroots organizations that actively seek NLA and ASU program interns and job candidates.

Program Requirements:

The program includes active participation by nonprofit professionals who offer workshops, seminars, mentoring and field trips. The certified nonprofit professional credential can be earned in conjunction with any bachelor's degree and requires successful participation in cocurricular, experiential activities in addition to required academic course work. For more information on the credential please visit: NLM 220: Introduction to Nonprofit Organizations (<https://www.certifiedtochangetheworld.org/>" ><https://www.certifiedtochangetheworld.org/>)

Required Courses -- 24 credit hours
(3)

NLM 300: Fund Raising and Resource Development (3)
NLM 310: Volunteer Management (3)
NLM 320: Professional Development Seminar (4)
Notes: (one credit each, over four semesters)
NLM 420: Nonprofit Leadership Alliance Institute (2)
Notes: Offered fall semester only
NLM 430: Managing Nonprofit Organizations (L) (3)
NLM 463: Senior Internship or NLM 484: Internship (6-12)

Notes: NLM 463 (12) credits required. NLM 484 (6) credits required.

*NLM 484 Internship is for students not pursuing a Nonprofit Leadership and Management major.

Standards

1. 24-30 hours of graded course work depending upon major.
2. minimum "C" (2.00 on a 4.00 scale) grade required for all courses in the certificate.
3. minimum GPA of 2.00 for those pursuing the certificate.
4. should be a junior to take 400-level courses

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

Applications for the Certified Nonprofit Professional certificate are available through School of Community Resources and Development academic advisors and the Nonprofit Leadership Alliance senior program coordinator.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

For disclosure information about this U.S. Department of Education Gainful Employment program, students should see <https://catalog.asu.edu/files/disclosures/PPNPYCERT/Gedt.pdf> (<https://catalog.asu.edu/files/disclosures/PPNPYCERT/Gedt.pdf>).

Contact Information:

Public Service and Community Solutions, Watts College of
School of Community Resources and Development
<https://scrd.asu.edu>
UCENT 550
scrdadvising@asu.edu
602-496-0550

Oral History Certificate (ASOHCCERT)

Campus: West

Description:

The certificate program in oral history introduces students to the interdisciplinary theories and methods required to collect, document and preserve the stories of people's lives. Through the program, students gain an understanding of and appreciation for diverse cultures, past and present, and engage in oral history research and interviewing. Students may build on existing projects or develop new community relationships at local, national and international levels.

With the knowledge and skills to abide by the professional standards involved in oral history documentation, research and presentation, students leave the program better-prepared for graduate programs or careers that integrate oral history.

The program is offered by the School of Humanities, Arts and Cultural Studies.

Program Requirements:

The certificate in oral history consists of 15 upper-division credit hours. A minimum of six upper-division credit hours must be completed through courses offered by the School of Humanities, Arts, and Cultural Studies. Six credit hours may be shared between the certificate and courses for a student's major. Students should consult an academic advisor to select appropriate courses. All courses used to satisfy requirements for the certificate must be passed with a "C" (2.00) or better.

Core Requirements -- 6 credit hours

HRC 480: Capstone: Practices and Approaches (L) (3)

HRC 310: Social and Cultural Studies: Method and Theory (C) (3)

Electives -- 9 credit hours

COM 339 / ENG 339 / IAP 339: Creating Dramatic Works: Page to Stage to Screen (3)

COM 342: Oral History and Storytelling (3)

COM 394 / IAP 394: Acting for the Camera (3)

COM 394: Storytelling in the Professions (3)

ENG 317: Cross-Cultural Writing ((L or HU) & G) (3)
ENG 361: Scriptwriting (3)
ENG 394: Cross-Cultural Narratives (3)
ENG 394: Oral History & Storytelling in Humanities & Arts (3)
ENG 476: Folklore & Oral Traditions ((L or HU or SB) & C) (3)
HST 419 / LAS 419: 20th Century Chicano/a History (C) (3)
IAP 364: Documentaries (3)
WST 370: Chronicling Women's Lives (HU & C) (3)
WST 473 / ETH 473: Indigenous and Latina/Chicana Representation (SB & C) (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

The certificate program in oral history is open to all ASU undergraduate majors. This certificate is also available for graduate students and students majoring in professional programs. Students wishing to pursue this certificate should consult an academic advisor in the School of Humanities, Arts and Cultural Studies to ensure the appropriate set of courses is taken and the required paperwork is submitted.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Humanities, Arts, and Cultural Studies
<https://newcollege.asu.edu/oral-history-certificate>
FAB N100
harc sadvising@asu.edu
602-543-3000

Peace Corps Prep Certificate (LSPCPRCERT)

Campus: Downtown Phoenix, Polytechnic, Tempe, West

Description:

The Peace Corps prep certificate program is designed to foster intellectual curiosity while building the competitiveness of Peace Corps applicants.

Six sectors --- education, youth development, health, environment, community and economic development, and agriculture --- comprise the program, unified by the mandatory course IDS 355 Peace Corps Seminar. To enhance the three core competencies of sector-specific skills, intercultural competence and leadership, students are encouraged to participate in service learning, internship opportunities and study abroad experiences.

Program Requirements:

The Peace Corps Prep certificate requires a minimum of 18 credit hours (at least 12 credit hours must be upper division) as outlined below. Students are encouraged to take courses that develop breadth within their sector rather than limiting their selection to courses in one particular subject area.

Applicants should contact an academic advisor in the College of Integrative Sciences and Arts or the Peace Corps liaison at ASU by emailing pcprepcoordinator@asu.edu (mailto:pcprepcoordinator@asu.edu).

Required Courses -- 6 credit hours

IDS 355: Peace Corps Seminar (3)

IDS 401: Integration: Experiential Learning or USL 402: Service Learning: Education & Youth (C) or USL 410: Service Learning: Diverse Community Issues (L & C) or any 484 Internship course (#trackgroup) (3)

Internship hours may be completed locally, out of state or through an international study abroad program. The internship must be completed in the same program sector as the affiliated program sector electives completed for a minimum of 3 credit hours.

Electives (Choose one of the six sectors below) -- 12 credit hours

Program Sector Electives (12)

Students will select 12 credit hours from one of the six program sectors in agriculture, community and economic development, education, environment, health, or youth development. A minimum of six credit hours must be upper-division and one upper-division elective course must have a General Studies awareness area of G (Global Awareness) or C (Cultural Diversity). Please see your academic advisor for a complete list of

sector specific courses.

Agriculture Sector

Examples of electives include, but are not limited to:

- AGB 100: Introduction to Agribusiness (3)
- AGB 250: Economics of Resource Allocation: Food and Agriculture (3)
- AGB 302: International Management and Agribusiness (G) (3)
- AGB 425: Food Supply Networks (3)
- AGB 452: Global Food and Agricultural Trade (3)
- ASB 300: Food and Culture ((L or SB) & C) (3)

Community and Economic Development Sector

Examples of electives include, but are not limited to:

- ABS 364: Urban Forestry (3)
- BIO 324: Environmental Ethics (HU) (3)
- BIO 434: People and Nature: Ecosystem Services (3)
- ECN 360: Economic Development (SB & G) (3)
- GCU 364: Energy in the Global Arena (SB & G) (3)
- SOS 327: Sustainable Food and Farms (3)

Education Sector

Examples of electives include, but are not limited to:

- AFR 350: Inequality and Diversity in Education (L & C) (3)
- ECD 321: Emerging Language and Literacy (3)
- ECS 315: Classroom Organization and Child Guidance (3)
- HCR 402: Advocacy for Health and Health Education (3)
- SOC 421: Education and Society (SB) (3)
- SPF 301: Culture and Schooling (L) (3)

Environment Sector

Examples of electives include, but are not limited to:

- ASB 375: Humans and the Environment: What's the Connection? ((L or SB) & G) (3)
- BIO 320: Fundamentals of Ecology (3)
- BIO 322: Conservation of Biodiversity (3)
- GPH 314: Global Change (HU & G) (3)
- SOS 326: Sustainable Ecosystems (3)

Health Sector

Examples of electives include, but are not limited to:

- ASB 301: Global History of Health (SB & G & H) (3)
- ASB 305: Poverty and Global Health ((L or SB) & G) (3)
- ASM 345: Disease and Human Evolution (3)
- EXW 450: Social Determinants of Health and Health Behavior ((L or SB) & C) (3)
- HCD 310: Health Communication (3)

Youth Development Sector

Examples of electives include, but are not limited to:

- ASB 346: Marriage and Family Diversity (SB & C) (3)
- NLM 300: Fund Raising and Resource Development (3)
- NLM 310: Volunteer Management (3)
- PRM 315: Community Recreation Systems (3)
- SOC 241: Modern Social Problems (SB) (3)
- SWU 456: Immigrants and Refugees (C) (3)

An internship in the student's affiliated program sector is required. Students may complete a 3 credit hour internship (***) (484) or a service learning internship experience (USL 402 or USL 410). Please visit the Service Learning Web Page

(<https://communityengagement.education.asu.edu/programs/university-service-learning>) for questions regarding placement and enrollment.

Students may also meet the internship requirement by completing an internship experience through a study abroad program.

Study abroad or international experience is encouraged but not required. Please consider Taste of Peace Corps in the Dominican Republic during spring break as a substitute for any required certificate course.

Foreign language study to at least the 200-level is encouraged but not required.

For Peace Corps placements in Spanish or French-speaking countries, foreign language proficiency at the 200-level is often required.

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

GPA Requirement: 2.00

Incompatible Majors: None

Other Enrollment Requirements: None

Applicants should contact an advisor in the College of Integrative Sciences and Arts for more information.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Integrative Sciences and Arts, College of

College of Integrative Sciences and Arts

<https://cisa.asu.edu>

USE 138

CISA@asu.edu

480-965-4464

Personal Fitness Training Certificate (NHPFITCERT)

Campus: Downtown Phoenix

Description:

The personal fitness training certificate program provides students with the knowledge, skills and competencies they need to develop evidence-based physical activity programs for the general population to elicit positive health changes.

After completion of the certificate, students have the ability to obtain an entry to intermediate level personal training or group fitness certification through any accredited association. This program does not prepare students to work with clients with special needs or existing health conditions.

Program Requirements:

Required Courses -- 15 credit hours

EXW 215: Resistance Training and Recovery Techniques (3)

EXW 217: Cardiorespiratory and Flexibility Training (3)

EXW 302: Fundamentals of Wellness (L) (3)

EXW 335: Physical Activity and Physiological Concepts (3)

HEP 466: Health Promotion Program Management and Administration (3)

Elective (choose one course) -- 3 credit hours

EXW 344: Impact of Physical Activity on Health and Disease (3)

EXW 400: Stress Management for Wellness (3)

HEP 410: Obesity Perspectives and Prescriptions (3)

Students must earn a minimum grade of "C" (2.00) in all courses in the certificate.

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

The following prerequisite courses are needed in order to complete the requirements of this certificate: BIO 160 Introduction to Anatomy and Physiology (4); PSY 101 Introduction to Psychology (3).

Enrollment Requirements:

GPA Requirement: 2.00

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Health Solutions, College of
College of Health Solutions
<https://chs.asu.edu/programs/personal-fitness-training>
HLTHN 401AA
chs@asu.edu
602-496-3300

Philosophy, Rhetoric and Literature Certificate (ASPRLCERT)

Campus: West

Description:

The certificate in philosophy, rhetoric and literature is an interdisciplinary humanities program that integrates continental philosophy, literature, art, communication and social critique.

Students explore existential crises and the production of cultural values. Students in the program examine the anxieties and expectations surrounding cultural identity, including the expectation to adhere to sexual, racial, ethnic, social and religious norms. Special attention is given to the roles that art, literature, thought, cultural interaction and communication play in repairing fractured histories and in the creation of better social worlds.

This program prepares students for advanced study in the humanities, social and behavioral sciences, and the arts, as well as lifelong learning in a variety of fields.

Program Requirements:

The certificate in philosophy, rhetoric and literature consists of 15 upper-division credit hours. The certificate requires three credit hours in Rhetorical Perspectives, three credit hours in Continental Philosophical Perspectives, three credit hours from Pool A and six credit hours from Pool B. Any other courses used to satisfy the requirements for this certificate must be approved by an academic advisor prior to enrollment. All courses used to satisfy the requirements for the certificate must be passed with a "C" (2.00) or better.

Core I Rhetorical Perspectives -- 3 credit hours

ENG 400: History of Literary Criticism (L or HU) (3)
ENG 440: Studies in American Literature and Culture (HU) (3)
ENG 472: Rhetorical Studies (L) (3)

Core II Continental Philosophical Perspectives -- 3 credit hours

PHI 304: Existentialism (HU) (3)
PHI 411: Continental Philosophy (HU) (3)
PHI 412: Philosophy and Literary Criticism (HU) (3)

Pool A -- 3 credit hours

ENG 353: African American Literature: Beginnings through the Harlem Renaissance ((L or HU) & C) (3)
ENG 400: History of Literary Criticism (L or HU) (3)
ENG 401: Topics in Critical Theory (3)
ENG 440: Studies in American Literature and Culture (HU) (3)
ENG 454: Gender and Literature (L or HU) (3)
ENG 461: Studies in Women and Literature (HU) (3)
ENG 472: Rhetorical Studies (L) (3)
ENG 478: Studies in Modernism (L or HU) (3)
ENG 479: Studies in Postmodernism (HU & G) (3)
IAP 471: Language, Culture, and Performance (L or HU) (3)
IAP 473: Aesthetic Research (L or HU) (3)
LAS 340 / WST 341: Latin American Women Writers (3)
PHI 412: Philosophy and Literary Criticism (HU) (3)
PHI 421: Philosophical Topics (3)

Pool B -- 6 credit hours

COM 321: Rhetorical Theory and Research ((L or HU) & H) (3)
COM 429: Semiotics and Visual Communication (3)
ENG 401: Topics in Critical Theory (3)
PHI 304: Existentialism (HU) (3)
PHI 390 / REL 314: Jewish Philosophy (3)
PHI 411: Continental Philosophy (HU) (3)

PHI 412: Philosophy and Literary Criticism (HU) (3)
PHI 415: Philosophy and Film (HU) (3)
PHI 421: Philosophical Topics (3)
PHI 494 / REL 494: Issues in Death & Dying (1)
REL 345: Asian Religious Traditions (HU & G) (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

The certificate in philosophy, rhetoric and literature is open to all ASU undergraduate majors. Students wishing to pursue this certificate should consult an academic advisor in the School of Humanities, Arts and Cultural Studies to ensure the appropriate set of courses is taken and the required paperwork is submitted.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Humanities, Arts, and Cultural Studies
<https://newcollege.asu.edu/philosophy-rhetoric-and-literature-certificate>
FAB N100
harcсадvising@asu.edu
602-543-3000

Political Economy Certificate (LAPLECERT)

Campus: Tempe

Description:

The political economy certificate program engages students in studying the intersection of politics and the economy.

The certificate program helps prepare students for careers in a variety of global and domestic environments, whether those environments are governance organizations, nonprofit agencies or private enterprises.

Program Requirements:

The certificate includes courses in political science, economics and other academic areas that relate to politics and the economy. Students majoring in any subject at the university may be awarded the certificate upon completion of the following: A total of 15 credit hours, and at least 12 credit hours must be upper-division level. Nine hours must be from The College of Liberal Arts and Sciences. All courses must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher.

Part One: Economics Foundation (choose one course) -- 3 credit hours

ECN 211: Macroeconomic Principles (SB) (3)

ECN 212: Microeconomic Principles (SB) (3)

Part Two: Politics Foundation (choose one course) -- 3 credit hours

POS 300: Contemporary Global Controversies (SB & G) (3)

POS 310: American National Government (SB) (3)

POS 350: Comparative Politics (SB & G) (3)

Part Three: Political Economics and the World (choose two courses) -- 6 credit hours

ECN 306: Survey of International Economics (SB & G) (3)

ECN 335: South Asia and the World Economy (SB & G) (3)

ECN 360: Economic Development (SB & G) (3)

POS 379: The Resource Curse (3)

POS 465: International Organization and Law (SB & G) (3)

POS 485: Political Economy (SB) (3)

POS 486: International Political Economy (SB & G) (3)

Part Four: Related Elective (choose one course) -- 3 credit hours

GCU 350: The Geography of World Crises (SB & G) (3)
JUS 405: Inequality, Economy and Justice ((L or SB) & G) (3)
PAF 340: Contemporary Policy Challenges (3)
PAF 351: Urban and Metropolitan Studies (3)
PAF 352: Urban Theory (3)
PAF 470: Topics in Public Economics and Financial Management (3)
POS 325: Public Policy Development (SB) (3)
POS 356: European Union (SB & G) (3)
POS 367: World Politics and Global Inequalities (G) (3)
SGS 325 / JUS 325: Globalization and Socio-Economic Justice (SB & G) (3)
SGS 350: Economic Development and Globalization (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Liberal Arts & Sciences, The College of
School of Politics and Global Studies
<https://spgs.asu.edu/>
COOR 6797
spgs-ugadvising@asu.edu
480-965-8563

Political Entrepreneurship through Internships: Local to Global Certificate (LAPEICERT)

Campus: Tempe

Description:

This political entrepreneurship certificate program prepares students for careers in public policy in global and domestic environments whether they be in governance organizations, nongovernmental organizations, nonprofit agencies or private enterprises engaged in policy-making, implementation and critical assessment.

The program requirements include applied practice in these settings and an internship. A variety of internship opportunities exist for students with global, national, state or local interests. Coursework in the social sciences, humanities and business prepares students to be participants in policy processes as an avenue of civic engagement.

Program Requirements:

A total of 15 credit hours are required. At least 12 credit hours must be completed at the upper-division level. Nine hours must be from courses offered by The College of Liberal Arts and Sciences.

All courses must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher.

Part One: Introductory Course (choose one course) -- 3 credit hours

POS 110: American Government and Politics (SB) (3)
POS 150: Comparative Government (SB & G) (3)
POS 160: Global Politics (SB & G) (3)
POS 310: American National Government (SB) (3)
SGS 101: Thinking Globally: The Individual and Authority (SB & G) (3)
SGS 301: Principles of Global Studies (G) (3)

Part Two: Policy and Leadership (choose one course) -- 3 credit hours

POS 325: Public Policy Development (SB) (3)
POS 351: Democratization (SB & G) (3)
POS 361: American Foreign Policy (SB & G) (3)
POS 364: National Security, Intelligence, and Terrorism (SB) (3)
POS 410: Governing American Cities (SB) (3)
POS 426: Elements of Public Policy (SB) (3)

POS 468: Comparative Asian Foreign Policies (SB & G) (3)
POS 486: International Political Economy (SB & G) (3)
SGS 320: Mechanisms of Global Governance (3)
SGS 321: International Institutions and Global Governance (3)
SGS 340: Violence, Conflict and Human Rights (3)
SGS 350: Economic Development and Globalization (3)

Part Three: Internship -- 6 credit hours

Students may elect to complete only 3 hours of internship in Part Three. Students selecting this option must complete six upper-division credits in Part Four.

POS 484 / SGS 484: Internship (6)

Part Four: Related Electives (choose one to two courses, depending on how many internship credit hours are earned) -- 3 credit hours

BUA 380: Small Business Leadership (3)
BUA 383: Small Business Working Relationships (3)
COM 222: Argumentation (L) (3)
COM 225: Public Speaking (L) (3)
COM 230: Small Group Communication (SB) (3)
COM 250: Communication and the Workplace (SB) (3)
COM 259: Communication in Business and the Professions (3)
COM 312: Communication, Conflict, and Negotiation (3)
ENG 301: Writing for the Professions (L) (3)
ENT 290: Entrepreneurship: Opportunity to Impact (3)
FIN 380: Personal Financial Management (3)
JUS 320: Community and Social Justice (SB & C) (3)
MGT 380: Management and Strategy for Nonmajors (3)
NLM 160: Voluntary Action and Community Leadership (SB) (3)
NLM 220: Introduction to Nonprofit Organizations (3)
NLM 410: Social Entrepreneurship (3)
PAF 200: Public Service and Policy in the 21st Century (3)
PAF 201: Economics and Public Policy (SB) (3)
PAF 300: Public Management and Administration (3)
PAF 305: Urban Governance (3)
PAF 311: Leadership and Change (SB) (3)
PAF 340: Contemporary Policy Challenges (3)
PAF 405: Citizen Engagement and Community Building (3)
PAF 410: Building Leadership Skills (SB) (3)
PAF 420: Public Leadership (3)
PAF 460: Public Service Ethics (3)
POS 494: McCain Institute Policy Design (3)
SGS 204: Professional Global Career Development (3)
SOS 111 / PUP 190: Sustainable Cities ((HU or SB) & G) (3)
SOS 321: Policy and Governance in Sustainable Systems (3)
USL 210: Service Learning: Intro to Diverse Community Issues (L & C) (3)
USL 410: Service Learning: Diverse Community Issues (L & C) (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

Any student admitted to study at ASU may complete a certificate. Students should contact the School of Politics and Global Studies for more information about the certificate.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Liberal Arts & Sciences, The College of
School of Politics and Global Studies
<https://spgs.asu.edu/>

Political History and Leadership Certificate (LAPTLCERT)

Campus: Tempe

Description:

The certificate program in political history and leadership provides students with a strong foundation in the history of politics and political thought with a special emphasis on the role of leadership. It prepares students for leadership in their own careers, political or otherwise.

Required courses combine academic study and mentoring contact with political, media and business leaders from the wider Phoenix area and Arizona communities while electives drawn from a variety of disciplines are used to broaden the scope of emphasis.

Program Requirements:

The certificate requires 15 credit hours, of which at least 12 must be upper-division. At least six upper-division hours must be completed in courses offered by The College of Liberal Arts and Sciences. All courses must be completed in residence at ASU and with a grade of "C" (2.00 on a 4.00 scale) or higher.

Required Courses -- 6 credit hours

HST 112 / POS 112: Foundations of Democracy (HU & H) (3)
HST 414 / POS 414: Political History and Leadership (3)

Elective Courses -- 9 credit hours

Choose electives from at least two different disciplines. Available disciplines are African and African American studies, economics, history, justice studies, philosophy, political science, religious studies and women and gender studies. A cross-listed course (such as HST 317 and POS 317) may be applied under either discipline, but not both.

Upper Division Discipline Elective (9)

African and African American Studies

AFR 330: Survey of African American Politics (SB & H) (3)

Economics

ECN 312: Intermediate Microeconomic Theory (SB) (3)
ECN 313: Intermediate Macroeconomic Theory (SB) (3)
ECN 315: Money & Banking (3)
ECN 360: Economic Development (SB & G) (3)
ECN 404: History of Economic Thought (SB) (3)

History

HST 302: History of Money ((HU or SB) & G & H) (3)
HST 302: Liberty & Revolution in Mod. Europe & the Americas ((HU or SB) & G & H) (3)
HST 302: War and Political Thought ((HU or SB) & G & H) (3)
HST 304: Ancient Political Thought (SB & H) (3)
HST 304: Classical Political Thought (SB & H) (3)
HST 304: Marxism and Its Critics (SB & H) (3)
HST 304: Modern Political Economy (SB & H) (3)
HST 304: Modern Political and Social Thought (SB & H) (3)
HST 304: Political Thought in Early-Modern Europe (SB & H) (3)
HST 304: Revolutions & Reactions in Mod Political Thought (SB & H) (3)
HST 305: History of Latin American Political Thought (SB & H) (3)
HST 306: American Political Conspiracy ((HU or SB) & H) (3)
HST 306: American Political Thought I: to 1865 ((HU or SB) & H) (3)
HST 306: American Political Thought II: Since 1865 ((HU or SB) & H) (3)
HST 306: Debating American Liberty ((HU or SB) & H) (3)
HST 306: Debating the Constitution ((HU or SB) & H) (3)
HST 306: Jacksonian America: Power & Politics in US 1828-61 ((HU or SB) & H) (3)
HST 306: Terrorism in U.S. Political History ((HU or SB) & H) (3)
HST 306: The Wealth and Poverty of Nations ((HU or SB) & H) (3)
HST 315: Political History of the U. S. (SB & H) (3)
HST 317: History of Postwar U.S. Conservatism (3)
HST 321: Constitutional History/US to 1865 (SB & H) (3)

HST 322: Constitutional History of the United States Since 1865 (H) (3)

Justice Studies

JUS 308: Courts and Society (3)

JUS 321: Wealth Distribution and Poverty (SB & C) (3)

JUS 330: Survey of African American Politics (SB & H) (3)

JUS 332: Politics of Energy Policy and Justice (3)

JUS 360: Law and Social Control (SB) (3)

Philosophy

PHI 307: Philosophy of Law (HU) (3)

PHI 336: Social and Political Philosophy (HU) (3)

PHI 347: Philosophical Theories of Constitutional Law (3)

Political Science

POS 310: American National Government (SB) (3)

POS 313: The Congress (SB) (3)

POS 314: The American Presidency (SB) (3)

POS 315: The Supreme Court (SB) (3)

POS 317: History of Postwar U.S. Conservatism (3)

POS 340: History of Political Philosophy I (HU & H) (3)

POS 341: History of Political Philosophy II (HU & H) (3)

POS 342: Political Theory (HU or SB) (3)

POS 346: Problems of Democracy (HU) (3)

POS 352: European Democracies (3)

POS 356: European Union (SB & G) (3)

POS 417: Arizona Politics (SB) (3)

POS 435: Women and Politics (SB & C) (3)

POS 442: American Political Thought (HU) (3)

POS 470: Law and the Political Order (SB) (3)

POS 471: Constitutional Law I (SB) (3)

POS 472: Constitutional Law II (SB) (3)

POS 485: Political Economy (SB) (3)

Religious Studies

REL 388: Religion, Ethics, and International Politics (3)

REL 420: Religion in American Life and Thought (HU) (3)

Women and Gender Studies

WST 377: History of American Feminist Thought (H & C) (3)

WST 440: Politics of Women's Health (SB & C) (3)

Additional upper-division courses from disciplines such as economics, history, justice studies, philosophy, public service and public policy, and religious studies may be used with the approval of the certificate co-directors.

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

Students wishing to declare the certificate must meet with an academic advisor in the School of Historical, Philosophical and Religious Studies.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Liberal Arts & Sciences, The College of
Historical, Philosophical & Religious Studies, Sch
<https://shprs.asu.edu/node/191>

COOR 3307

SHPRSadvising@asu.edu

480-965-8364

Power and Society Certificate (ASPWSOCERT)

Campus: West

Description:

The certificate program in power and society prepares students to think critically and practically about the relationship between power and society.

Courses in the program use multiple perspectives to explore the sources, exercise and consequences of power across a variety of social and historical settings. A special focus on gender is available across the spectrum of courses listed.

The certificate program is recommended for students with academic or career interests in politics, government, economics, organizing and advocacy, public affairs and public policy, journalism, social work, human rights, social justice, education and sustainability.

Program Requirements:

The certificate in power and society requires a minimum of 15 credit hours (at least 12 must be upper-division), consisting of three core credit hours and 12 elective credit hours. Only courses in which a student received a grade of "C" (2.00 on a 4.00 scale) or higher may be used to meet the certificate requirements.

Six credit hours must be completed through the School of Social and Behavioral Sciences in the New College of Interdisciplinary Arts and Sciences. A maximum of six credit hours may be shared between the certificate and a New College major. A maximum of three credit hours of individualized instruction or internship may be applied toward the certificate. Electives are not limited to the certificate elective list; see academic advisor prior to enrollment. Students are encouraged to take courses that develop breadth rather than limiting their selection to courses in one particular discipline.

Required Core Course (select one) -- 3 credit hours

POS 335 / SBS 335: Power and American Democracy (3)

POS 437 / SOC 437: Women, Power, and Politics (G) (3)

SOC 456: Political Sociology (3)

Electives (minimum 9 upper-division credit hours) -- 12 credit hours

Students will select 12 credit hours from relevant courses on power and society. Selected courses must come from at least two of the following prefixes to develop breadth across disciplines: ASB, JHR, POS, SBS or SOC.

ASB 211: Women in Other Cultures ((HU or SB) & G) (3)

ASB 339 / POS 339 / SBS 339 / SOC 339: Grassroots Social Movements (SB) (3)

ASB 342 / SBS 342 / SOC 342: Mexico-U.S. Borderlands (SB & C) (3)

ASB 394: Special Topics or JHR 394: Special Topics or POS 394 / SBS 394 / SOC 394: Special Topics (3)

ASB 442 / SBS 460: Global Cities (SB & G) (3)

ASB 447 / POS 447 / SBS 447: Citizenship, Nationalism and Identity (SB & C & G) (3)

ASB 484 / JHR 484 / POS 484: Internship or SBS 484: Internship or SOC 484: Internship (3)

ASB 494 / JHR 494 / POS 494 / SBS 494 / SOC 494: Special Topics (3)

ASB 499 / JHR 499 / POS 499 / SBS 499 / SOC 499: Individualized Instruction (3)

JHR 100: Introduction to Social Justice and Human Rights (SB & G) (3)

JHR 305: Theory and Practice of Social Justice and Human Rights (SB & G) (3)

POS 150: Comparative Government (SB & G) (3)

POS 160: Global Politics (SB & G) or POS 360: World Politics (SB & G) (3)

POS 335 / SBS 335: Power and American Democracy (3)

POS 350: Comparative Politics (SB & G) (3)

POS 357: South Asia Politics (SB & G) (3)

POS 361: American Foreign Policy (SB & G) (3)

POS 436: Gender, Sexuality, Nation-States (3)

POS 437 / SOC 437: Women, Power, and Politics (G) (3)

POS 470: Law and the Political Order (SB) (3)

POS 480 / SBS 480: Global Justice (G) (3)

POS 486: International Political Economy (SB & G) (3)

SOC 264: Gender and Society (SB & C) (3)

SOC 371: Inequality and Sustainability (3)

SOC 426: Social Inequality (SB) (3)

SOC 456: Political Sociology (3)

SOC 457: Global Social Movements (SB & G) (3)

SOS 111: Sustainable Cities ((HU or SB) & G) (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

This certificate is open to students in any major. Students should contact an advisor in the New College of Interdisciplinary Arts and Sciences for more information.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Social and Behavioral Sciences
<https://newcollege.asu.edu/power-and-society>
FAB N100
sbsadvising@asu.edu
602-543-3000

Professional Sales Certificate (BAPRSCERT)

Campus: Tempe

Description:

Designed for the nonmarketing business major, the certificate in professional sales was created for business students who are interested in pursuing the many opportunities in professional sales.

With the inclusion of courses in professional sales as well as sales management, this certificate program prepares students to be successful account managers or sales team leaders in both business-to-business and business-to-consumer settings.

An optional internship in sales is strongly encouraged as part of the professional sales certificate.

Program Requirements:

To receive the certificate, students must complete the specified business courses with a grade of "C" or better (2.00 on a 4.00 scale).

First Required Course -- 3 credit hours

MKT 300: Marketing and Business Performance or MKT 303: Honors Marketing Theory and Practice (L) (3)

Required Courses -- 6 credit hours

MKT 370: Professional Sales and Relationship Management (3)

MKT 410: Sales Management (3)

Electives (choose two) -- 6 credit hours

MGT 430: Negotiations (3)

MKT 435: Entrepreneurial Marketing (3)

MKT 441: Sports Revenue Generation (3)

MKT 484: Internship (3)

Notes: Internship in sales.

MKT 493: Honors Thesis (L) (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

This certificate program is open to current students in the W. P. Carey School of Business who are not in the marketing major. The certificate application is accessed and submitted through Advising SOS: <http://wpcarey.asu.edu/sos> (<http://wpcarey.asu.edu/sos>).

No more than six credit hours may be shared between certificate and other degree programs, minors, or other certificates.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Business, W. P. Carey School of
Department of Marketing
<https://wpcarey.asu.edu/undergraduate-degrees/professional-sales-certificate>
BA 160
wpcareyug@asu.edu
480-965-4227

Public Administration and Public Management Certificate (PPPAFCERT)

Campus: Downtown Phoenix

Description:

The certificate in public administration and public management is designed for students interested in public service as well as for undergraduate students who are interested in developing leadership skills or wish to enhance their degree in an existing major at ASU, for working adults who may wish to further their education yet may not be looking for a degree program, and for students of the BA in interdisciplinary studies who seek to combine certificates with their degree.

Students learn skills that enable them to analyze critical issues, build and bridge communities, deliver and manage public programs, improve the quality of life, lead change in public policy, preserve natural resources, provide public safety, reform welfare, and strengthen democratic governance.

Program Requirements:

The certificate in public administration and public management consists of 15 credit hours of course work; students take 12 credit hours of core classes and three credit hours of elective courses.

Core Courses -- 12 credit hours

PAF 300: Public Management and Administration (3)

PAF 340: Contemporary Policy Challenges (3)

PAF 420: Public Leadership (3)

PAF 460: Public Service Ethics (3)

Elective -- 3 credit hours

PAF Upper Division Elective (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Public Service and Community Solutions, Watts College of
School of Public Affairs
<https://spa.asu.edu/undergradminors>
UCENT 400
spa@asu.edu
602-496-0450

Religion and Conflict Certificate (LARELCERT)

Campus: Tempe

Description:

The certificate program in religion and conflict is of particular interest to students planning to pursue careers in journalism, law, policy work, diplomacy, the military, public advocacy, publishing, education, ministry or other fields in which an enhanced understanding of religion and conflict is becoming increasingly vital.

A regional component provides students specific regional knowledge of how religion has been implicated in human conflict. Required coursework in at least two different regions fosters a comparative understanding of the dynamics of religion and conflict in historical and global contexts.

A political component explores how religion influences or is influenced by matters of state, law, government or other dimensions of political life.

A cultural component provides students with an understanding of how religion operates as a powerful force that impacts and intersects with expressions of human identity, thought and culture.

Program Requirements:

The certificate requires a minimum of 18 credit hours. At least 12 credit hours must be completed in upper-division coursework and at least 12 credit hours must be completed at ASU. At least six upper-division hours in the certificate must be completed in courses offered by The College of Liberal Arts and Sciences. A grade of "C" (2.00 on a 4.00 scale) or higher is required for each course used to fulfill a certificate requirement.

Humanities and Social Sciences Requirement

At least six of the 18 credit hours must be fulfilled with courses from the humanities and at least three credit hours from the social sciences.

When choosing courses from the lists below, complete six credit hours from the following prefixes to fulfill the humanities requirement: ARB, CEL, CHI, FMS, GER, HEB, HST, IAS, JST, PHI, REL, or SLC.

When choosing courses from the lists below, complete three credit hours from the following prefixes to fulfill the social sciences requirement: AFR, COM, GCU, JUS, POS, SGS, SOC, or WST.

Regional Component Courses -- 6 credit hours

Select two Regional Component Courses from two different geographic regions. Available regions are Africa, Asia, Europe, Middle East and United States. (6)

Regional Component: Africa

AFR 480 / REL 461 / SGS 442: Different Voices Within Contemporary Islamic Discourse (3)

GCU 328: Geography of Middle East and North Africa (SB & G) (3)

HST 307: Studies in African History (H) (3)

POS 359: African Politics and Society (SB & G) (3)

REL 362 / AFR 372 / SGS 366: Islam and Islamic Societies in Africa: Social and Political History (G) (3)

Regional Component: Asia

HST 302: Envisioning Peace ((HU or SB) & G & H) (3)

HST 303: Modern China: Violence (SB & H) (3)

HST 384 / SLC 334: Modern China: 1700 to the Present (SB & G & H) (3)

HST 391 / SGS 381: Modern Southeast Asia (SB & G & H) (3)

HST 392: Modern India (3)

HST 451 / CHI 451 / SLC 451: Chinese Cultural History I ((HU or SB) & H) (3)

HST 452 / CHI 452 / SLC 452: Chinese Cultural History II (SB & G & H) (3)

HST 459: Gandhi and the Politics of Nonviolence (3)

REL 345: Asian Religious Traditions (HU & G) (3)

REL 347: Religions of India: Peace and Conflict ((L or HU) & G) (3)

REL 348: Religion and Culture in Southeast Asia (3)

REL 352: Modern Buddhism (3)

REL 357: Theravada Buddhism in South and Southeast Asia ((L or HU) & G) (3)

REL 364: Islam in Eurasia and Central Asia (3)

REL 377: Religion in Russia (HU & H) (3)

Regional Component: Europe

FMS 445 / GER 445 / JST 445 / SLC 445: The Holocaust in German-Mediated Memory (3)

HST 304: Rebirth of European Jewish Life after 1950 (SB & H) (3)

HST 350: Later Middle Ages ((HU or SB) & H) (3)

HST 352: Europe's Reformations ((L or HU or SB) & H) (3)

HST 355: Total War and the Crisis of Modernity (SB & G & H) (3)

HST 360: The Crusades: Religion & Conflict in the Middle Ages (SB & H) (3)

HST 361 / REL 374: Witchcraft and Heresy in Europe ((L or HU) & H) (3)

HST 369 / JST 369 / REL 312: History and Memory of the Holocaust (3)

HST 432: Eastern Europe the Balkans, 20th Century (G & H) (3)

REL 364: Islam in Eurasia and Central Asia (3)

REL 377: Religion in Russia (HU & H) (3)

REL 471: Reformation and Modern Christianity (HU & H) (3)

Regional Component: Middle East

ARB 331 / SLC 331: Arabic/Islamic Culture and Literature (HU & H & G) (3)
ARB 335: Arabic Culture and Islam (G) (3)
ARB 341: Quran Text and Women (HU & H) (3)
GCU 328: Geography of Middle East and North Africa (SB & G) (3)
HST 372: Modern Middle East (SB & G & H) (3)
POS 353: Comparative Politics of the Middle East (3)
REL 364: Islam in Eurasia and Central Asia (3)
REL 366 / HST 339: Islam in the Modern World (HU & G) (3)

Regional Component: United States

HST 211 / JST 211 / REL 211: Jews and Judaism in America (SB & H) (3)
HST 315: Political History of the U. S. (SB & H) (3)
REL 319: Religion, Violence and America (3)
REL 320: American Religious Traditions (HU & C & H) (3)
REL 321: Religion in America ((L or HU) & C & H) (3)
REL 323: African American Religion (HU & C) (3)

Cultural Component -- 3 credit hours

ARB 331 / SLC 331: Arabic/Islamic Culture and Literature (HU & H & G) (3)
ARB 335: Arabic Culture and Islam (G) (3)
ARB 341: Quran Text and Women (HU & H) (3)
HEB 348 / JST 348 / REL 311 / SLC 348: Israeli Society and Culture (HU & G) (3)
HST 302: Envisioning Peace ((HU or SB) & G & H) (3)
HST 302 / JST 302: Jews, Christians & Muslims in Early Modern World ((HU or SB) & G & H) (3)
HST 302: Women, War and Peace ((HU or SB) & G & H) (3)
HST 304: History of Antisemitism (SB & H) (3)
HST 304 / JST 304: Rebirth of European Jewish Life after 1950 (SB & H) (3)
HST 352: Europe's Reformations ((L or HU or SB) & H) (3)
HST 359: Jewish History from 1492 to 1948 (SB & G & H) (3)
HST 361 / REL 374: Witchcraft and Heresy in Europe ((L or HU) & H) (3)
HST 451 / CHI 451 / SLC 451: Chinese Cultural History I ((HU or SB) & H) (3)
HST 452 / SLC 452: Chinese Cultural History II (SB & G & H) (3)
HST 459: Gandhi and the Politics of Nonviolence (3)
PHI 406 / IAS 406: Moral Dilemmas (L or HU) (3)
REL 201: Religion and the Modern World (L or HU) (3)
REL 202: Religion and Popular Culture (HU & C) (3)
REL 300: The Future of Religions (L or HU) (3)
REL 312 / HST 369 / JST 369: History and Memory of the Holocaust (3)
REL 313: Anti-Semitism in the Media (3)
REL 320: American Religious Traditions (HU & C & H) (3)
REL 321: Religion in America ((L or HU) & C & H) (3)
REL 345: Asian Religious Traditions (HU & G) (3)
REL 352: Modern Buddhism (3)
REL 357: Theravada Buddhism in South and Southeast Asia ((L or HU) & G) (3)
REL 363 / AFR 373: Islam and World Affairs (G) (3)
REL 366 / HST 339: Islam in the Modern World (HU & G) (3)
REL 369: Women in Islam (3)
REL 377: Religion in Russia (HU & H) (3)
REL 381: Religion and Moral Issues (L or HU) (3)
REL 390 / WST 390: Women, Gender and Religion (HU & G) (3)
REL 411: Judaism and the Beginnings of Christianity (HU & H) (3)
REL 461 / AFR 480 / SGS 442: Different Voices Within Contemporary Islamic Discourse (3)
REL 471: Reformation and Modern Christianity (HU & H) (3)
REL 483: Religion and Science (3)
SOC 420: Sociology of Religion (L or SB) (3)
WST 345: Gender, Religion, and Global Violence (SB & G) (3)
WST 477: Gender and Violence (SB & C) (3)

Political Component -- 3 credit hours

CEL 100: Great Ideas of Politics and Ethics (HU) (3)
COM 312: Communication, Conflict, and Negotiation (3)
COM 377: Communication, Terrorism, and National Security (3)

HST 315: Political History of the U. S. (SB & H) (3)
HST 355: Total War and the Crisis of Modernity (SB & G & H) (3)
HST 360: The Crusades: Religion & Conflict in the Middle Ages (SB & H) (3)
HST 372: Modern Middle East (SB & G & H) (3)
HST 391 / SGS 381: Modern Southeast Asia (SB & G & H) (3)
HST 432: Eastern Europe the Balkans, 20th Century (G & H) (3)
HST 454: History of Genocide (G & H) (3)
JUS 374: The Holocaust, Genocide, and Human Rights (3)
JUS 467: Terrorism, War, and Justice (SB) (3)
POS 353: Comparative Politics of the Middle East (3)
POS 359: African Politics and Society (SB & G) (3)
POS 364: National Security, Intelligence, and Terrorism (SB) (3)
POS 368: Ethics and Human Rights (3)
REL 107 / SGS 107: Religion and Globalization (HU & G) (3)
REL 349 / JST 349: Nature, Sustainability and Religion (3)
REL 362 / AFR 372 / SGS 366: Islam and Islamic Societies in Africa: Social and Political History (G) (3)
REL 363 / AFR 373: Islam and World Affairs (G) (3)
REL 364: Islam in Eurasia and Central Asia (3)
REL 378 / POS 378: Religion, War and Peace (L) (3)
REL 379 / SGS 343: Religion, Nationalism, and Ethnic Conflict (HU & G) (3)
REL 387: Religion and Conflict: Theories and Cases ((L or HU) & G) (3)
REL 388 / POS 388: Religion, Ethics, and International Politics (3)
REL 480 / SGS 441: Religion and Global Politics (L & G) (3)
SGS 340: Violence, Conflict and Human Rights (3)
WST 345: Gender, Religion, and Global Violence (SB & G) (3)

Electives (two courses) -- 6 credit hours

Certificate Electives (6)

Students select electives from any of the course lists above, keeping in mind that at least 12 credit hours within the certificate must be upper-division.

In some cases, the same course can be used to fulfill more than one requirement. For more information, please contact the certificate director in the Center for the Study of Religion and Conflict.

If a course is used to meet more than one component requirement above, additional electives may be required to meet the 18 credit hour minimum. Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

To declare the certificate, students should contact the certificate director in the Center for the Study of Religion and Conflict:
<https://csrc.asu.edu/students/certificate> (<https://csrc.asu.edu/students/certificate>).

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Liberal Arts & Sciences, The College of
Historical, Philosophical & Religious Studies, Sch
<https://csrc.asu.edu/students/certificate>
WHALL 130
csrc@asu.edu
480-727-6339

Risk Communication Certificate (ASRCMCERT)

Campus: West

Description:

The rising importance of the field of risk communication stems from the need to name, understand and manage physical and social risks as society is faced with increasingly challenging decisions concerning stressed social and environmental infrastructures.

Proficiency in risk communication requires understanding the complex interfaces of physical, biological, psychological and social systems. In
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response, the certificate program in risk communication combines the strengths of the three schools within the New College of Interdisciplinary Arts and Sciences: the School of Social and Behavioral Sciences, the School of Mathematical and Natural Sciences and the School of Humanities, Arts and Cultural Studies.

The program prepares students for a range of diverse careers in risk management, crisis communications and environmental public affairs. Specifically, students develop expertise suited to work as risk management specialists and environmental advocates, preparing them to translate complex scientific ideas and analyses into information that can be evaluated meaningfully by all members of society.

Program Requirements:

The certificate in risk communication requires 15 credit hours (a minimum of 12 credit hours must be upper-division). All courses used to satisfy requirements for the certificate must be passed with a "C" (2.00) or better. Eight credit hours must be unique and not already being counted toward the students' bachelor degree requirements in communication or environmental science. Other electives can be chosen in consultation with an academic advisor.

Core Requirements -- 6 credit hours

BIO 130: Introduction to Environmental Science (SQ) or ENV 201: Fundamentals of Environmental Science (3-4)

Notes: ENV 201 is required by Biology or Environmental Science majors.

COM 415: Risk Communication (3)

Elective Courses (choose three) -- 9 credit hours

COM 319: Persuasion and Social Influence (SB) (3)

COM 414: Crisis Communication (3)

COM 450: Organizational Communication (SB) (3)

COM 454: Rhetorical and Critical Approaches to Public Relations (3)

COM 463: Intercultural Communication in a Global Context (SB & G) (3)

IAS 340 / PHI 320: Bioethics (HU) (3)

IAS 407 / PHI 407: Environmental Philosophy and Policy (L or HU) (3)

IAS 409 / PHI 409: Eco-Community Ethics (HU) (3)

LSC 362: The Human Environment (3)

PTX 301: Basics of Pharmacology and Toxicology (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

Students wishing to pursue this certificate should consult an academic advisor in the School of Mathematical and Natural Sciences or the School of Social and Behavioral Sciences to ensure the appropriate set of courses is taken and the required paperwork is submitted.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Interdisciplinary Arts & Sciences, New College of

School of Social and Behavioral Sciences

<https://newcollege.asu.edu/risk-communication>

FAB N100

sbsadvising@asu.edu

602-543-3000

Risk Management Certificate (BARMGTCERT)

Campus: Polytechnic

Description:

The certificate program in risk management is designed to give students a solid foundation in the theory and practice of modern risk management.

The concept of enterprise risk management is highlighted at the onset of the certificate curriculum, emphasizing that risks and risk management strategies must be considered holistically at the firm level, not in isolation.

Upon completion of the certificate, students are able to identify and measure a variety of business and financial risks and design and articulate

strategies for managing and communicating risks.

Program Requirements:

This certificate requires 18 credit hours. A grade of "C" or better is required for all coursework. No more than six credit hours may be shared between the certificate and other degree programs, minors, and/or other certificates.

Required Courses -- 9 credit hours

BUS 434: Business Risk Management (3)

BUS 436: Frontiers in Risk Management (3)

FIN 300: Fundamentals of Finance or FIN 302: Managerial Finance or FIN 303: Honors Finance (3)

Elective Courses (select three) -- 9 credit hours

AGB 435: Commodity Futures and Options Markets (3)

BUS 384: Business Operations and Planning or SCM 432: Planning and Control Systems for Supply Chain Management (3)

COM 414: Crisis Communication (3)

FIN 421: Security Analysis and Portfolio Management (3)

FIN 427: Derivative Financial Securities (3)

IEE 454: Risk Management (3)

OGL 421: Project Risk Management (3)

SCM 314: Analytics for Logistics or SCM 315: Business Decision Models (3)

TGM 460: Global Risk Assessment and Management (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

The certificate in risk management is open to all students. The certificate application is accessed and submitted through Advising SOS: <https://wpcarey.asu.edu/sos> (<https://wpcarey.asu.edu/sos>).

No more than six credit hours may be shared between the certificate and other degree programs, minors or other certificates.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Business, W. P. Carey School of

Morrison School of Agribusiness

<https://wpcarey.asu.edu/undergraduate-degrees/programs>

SANTN 230F

wpcarey.morrison@asu.edu

480-727-1586

Russian and East European Studies Certificate (LAREECERT)

Campus: Tempe

Description:

The certificate in Russian and East European studies encourages students to develop competency in Russian or another East European or Eurasian language as well as the culture and politics of the region.

Coursework leading to the certificate is offered by outstanding faculty in diverse fields of study including architecture, economics, film studies, geography, history, international business, literature, music, political science and religious studies.

A student with a major in any school or department may pursue this certificate and develop a personalized plan of study in cooperation with an advisor at the Melikian Center.

Certificate holders enhance their prospects for study abroad fellowships and graduate admissions and also qualify for unique entry-level government employment opportunities.

Program Requirements:

The certificate in Russian and East European Studies requires a minimum of 20 credit hours, of which at least 4 must be a language course and at least 12 must be upper-division. A grade of "C" (2.00 on a 4.00 scale) or higher is required in all courses used toward the certificate.

Language Requirement -- 4 credit hours

Students may complete one 4-credit hour language course from BCS, PLC, ROM, or RUS OR they may also take the Albanian, Armenian, BCS, Macedonian, Polish, Russian, Turkish, Ukrainian, and Uzbek courses offered by the Critical Languages Institute (<https://melikian.asu.edu/cli>) to fulfill the language requirement.

NOTE: Native speakers of a language must complete 4 credit hours in a different language to fulfill this requirement.

- BCS 101: Elementary Serbo-Croatian (G) (4)
- BCS 102: Elementary Serbo-Croatian (G) (4)
- BCS 201: Intermediate Serbo-Croatian (4)
- BCS 202: Intermediate Serbo-Croatian (4)
- BCS 311: Bosnian/Croatian/Serbian Composition and Conversation I (3)
- BCS 312: Bosnian/Croatian/Serbian Composition and Conversation II (3)
- PLC 101: Elementary Polish (4)
- PLC 102: Elementary Polish (4)
- PLC 201: Intermediate Polish (4)
- PLC 202: Intermediate Polish (4)
- PLC 311: Advanced Polish I (3)
- PLC 312: Advanced Polish II (3)
- ROM 101: Elementary Romanian (5)
- ROM 201: Intermediate Romanian (5)
- ROM 313: Romanian Composition and Conversation (3)
- ROM 314: Romanian Composition and Conversation (3)
- ROM 411: Advanced Spoken and Written Romanian I (3)
- ROM 412: Advanced Spoken and Written Romanian II (3)
- RUS 101: Elementary Russian I (5)
- RUS 102: Elementary Russian II (5)
- RUS 201: Intermediate Russian I (G) (5)
- RUS 202: Intermediate Russian II (G) (5)
- RUS 211: Basic Russian Conversation I (G) (3)
- RUS 212: Basic Russian Conversation II (G) (3)

Required Certificate Electives (choose two) -- 6 credit hours

- ENG 429 / SLC 429: What is Europe? ((L or HU) & G & H) (3)
- GCU 426: Geography of Russia and Surroundings (SB & G) (3)
- HST 304: Russia: Empire of the Tsars, 1650-1917 (SB & H) (3)
- HST 304: Russia & Ukraine: Understanding the Crisis (SB & H) (3)
- HST 304: Stalin to Putin (SB & H) (3)
- HST 304: Stalinism: Society & Culture in Sov Un, 1924-1953 (SB & H) (3)
- HST 370: Eastern Europe in Transition (SB & G & H) (3)
- HST 435: The Russian Empire (SB & H) (3)
- HST 436: The Soviet Experiment (SB & G & H) (3)
- POS 352: European Democracies (3)
- REL 379: Religion, Nationalism, and Ethnic Conflict (HU & G) (3)
- RUS 322: Scandals and Scoundrels: The Nineteenth-Century Russian Novel (L or HU) (3)
- RUS 323: Russian Literature and Revolution: The Twentieth Century ((L or HU) & G) (3)
- SGS 344: Facing the Past: Truth, Memory, Denial After Atrocities (3)

Other HST 304 topics appropriate to the certificate's regional focus may be used with the approval of the certificate advisor.

Courses shown above not used to satisfy a Required Certificate Elective may be used as an Area-Related Elective.

Area-Related Electives -- 9 credit hours

- APH 300: World Architecture I/Western Cultures (HU & H & G) (2)
- APH 313: History of Architecture I ((L or HU) & G & H) (3)
- APH 314: History of Architecture II ((L or HU) & G & H) (3)
- ENG 435: Literatures and Cultures of Immigration and Diaspora (3)
- GCU 325: Geography of Europe (SB & G) (3)
- HON 394: Amazons to Fighter Pilots:HistoryofWarSex&Gender (3)
- HON 394: Archaeology of the Silk Roads (3)
- HON 394: Dictatorship & the Twentieth Century (3)
- HON 394: Love,Hospitality,Belonging:LivesBetweenEurope&Asia (3)

HON 394: Mummies and Marauders, Merchants and Monks (3)
 HON 394: Points of Entry:Space&Place in Eurasian Borderland (3)
 HST 302: WWII in Comparative Perspective ((HU or SB) & G & H) (3)
 HST 304: A Survey of Soviet History (SB & H) (3)
 HST 304: Black Death: Pandemic Disease in the Medieval World (SB & H) (3)
 HST 304 / JST 304: Exiles, Migrants, Refugees in Jewish History (SB & H) (3)
 HST 304: Nazi Germany (SB & H) (3)
 HST 350: Later Middle Ages ((HU or SB) & H) (3)
 HST 354: Revolutionary Europe (SB & H) (3)
 HST 355: Total War and the Crisis of Modernity (SB & G & H) (3)
 HST 356: Europe since 1945 (SB & G & H) (3)
 HST 369: History and Memory of the Holocaust (3)
 HST 429: Modern Germany (SB & G & H) (3)
 HST 430: The Ottoman Empire in the Classical Period (3)
 HST 495: Russian Revolution (L) (3)
 HST 495: World War II in Poland (L) (3)
 IDS 313: Identity and Conflict in Europe (3)
 MHL 494: Music of the Silk Road (3)
 POS 305: Conflict and Film (SB) (3)
 POS 352: European Democracies (3)
 POS 394: Gender and Armed Conflict (3)
 POS 394: History & Politics of the United Nations: Model I (3)
 POS 486: International Political Economy (SB & G) (3)
 POS 494: Democratic Erosion (3)
 POS 598: Politics of Authoritarian Rule (3)
 REL 301: Comparative Mysticism (HU) (3)
 REL 365: Islamic Civilization (HU & H) (3)
 REL 366: Islam in the Modern World (HU & G) (3)
 REL 379 / SGS 343: Religion, Nationalism, and Ethnic Conflict (HU & G) (3)
 RUS 322: Scandals and Scoundrels: The Nineteenth-Century Russian Novel (L or HU) (3)
 RUS 323: Russian Literature and Revolution: The Twentieth Century ((L or HU) & G) (3)
 RUS 421: Pushkin (L or HU) (3)
 RUS 425: Chekhov and Russian Drama (L or HU) (3)
 RUS 430: Russian Short Story (L or HU) (3)
 RUS 439 / SLC 439: Art in Exile: Vladímir Vladímirovich Nabokov (L or HU) (3)
 RUS 440: Russian Mass Media (G) (3)
 SGS 341: Humanitarian Crisis and International Intervention (3)
 SGS 344: Facing the Past: Truth, Memory, Denial After Atrocities (3)
 SGS 370: Geopolitics (3)
 SLC 294: Language&Culture Clash/Communctn&Miscommunication (3)
 SLC 304 / SLV 304: Digital Humanities for Language Majors (CS) (3)
 SLC 442 / ROM 442: Dracula and Vampire Lore (HU) (3)
 SLV 440: History of Slavic Languages (SB) (3)

Other courses may be used with the approval of the certificate advisor.

Students complete the minimum 12 credit upper-division requirement with at least 6 credit hours of electives selected from the above list. Arranged honors theses and upper-division colloquia with Melikian Center faculty affiliates may also be used toward this requirement. An additional required or area-related elective OR an additional language course must be used toward the fulfillment of the 20 credit-hour requirement.

Capstone Project -- 1 credit hours

LIA 494: REES Certificate Capstone (1)

In their junior or senior year, students will complete the 1-credit REES Certificate Capstone. This can be in the form of a reading course offered by the Melikian Center OR a project chosen in cooperation with a Melikian Center faculty affiliate. The project should represent an extended, research-based focus on some dimension of the region's languages, cultures, religions, histories, and/or politics. It may take the form of an extended research paper, honors thesis, translation project, research assistantship, or internship.

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

For more information or to add the certificate, students should contact Melikian Center Associate Director, Dr. Irina Levin, at ilevin3@asu.edu or 480-965-4174.

NOTE: Students are not to schedule an appointment with a School of Historical, Philosophical and Religious Studies advisor to enroll in the certificate.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree.

Contact Information:

Liberal Arts & Sciences, The College of
Historical, Philosophical & Religious Studies, Sch
<https://melikian.asu.edu/>
CPCOM 331
melikiancenter@asu.edu
480-965-4188

Sales and Marketing Essentials Certificate (BASMECERT)

Campus: Tempe

Description:

Designed for undergraduate nonbusiness majors, the certificate program in sales and marketing essentials offers a set of courses that cover indispensable marketing knowledge in a wide variety of marketing application domains. Students are required to enroll in two fundamental courses in marketing and also choose three additional courses from a larger set (services marketing, business marketing, global marketing, sports business and advertising) to tailor the certificate to their particular interests. While some courses are offered in a face-to-face setting, the entire certificate is offered via iCourse for flexibility and convenience.

Program Requirements:

The certificate in sales and marketing essentials requires 15 credit hours. The entire certificate may be completed online. To receive the certificate students must complete all courses with a grade of "C" (2.00 on a scale of 4.00) or better.

Required Courses -- 6 credit hours

MKT 390: Essentials of Marketing (3)

MKT 391: Essentials of Selling (3)

Elective Courses (choose three) -- 9 credit hours

MKT 392: Essentials of Business Marketing (3)

MKT 395: Essentials of Advertising and Marketing Communication (3)

MKT 396: Essentials of Services Marketing (3)

MKT 397: Essentials of Global Marketing (3)

MKT 398: Essentials of Sports Business (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

This certificate program is for nonbusiness majors only. The certificate application may be accessed and submitted online through Advising SOS: <http://wpcarey.asu.edu/sos> (<http://wpcarey.asu.edu/sos>).

No more than six credit hours may be shared between certificate and other degree programs, minors, or other certificates.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Business, W. P. Carey School of
Department of Marketing
<https://wpcarey.asu.edu/undergraduate-degrees/sales-marketing-certificate>
BA 160
wpcareyug@asu.edu

School Nutrition Certificate (ECNTRCERC)

Campus: Downtown Phoenix

Description:

The certificate in school nutrition is directed toward current degree-seeking students and postbaccalaureate students who are interested in eligibility for the school nutrition specialist credential offered by the School Nutrition Association. More information for this credential is available at <https://schoolnutrition.org/certificate-and-credentialing/certificate-program/how-to-earn-your-certificate/> (<https://schoolnutrition.org/certificate-and-credentialing/certificate-program/how-to-earn-your-certificate/>).

Individuals must complete 900 working hours in a school nutrition environment before they are eligible to sit for the national SNS exam. There is also a cost associated with taking the exam and more information can be found at <https://schoolnutrition.org/certificate-and-credentialing/credentialing-program/sns-benefits-reqs-fees/> (<https://schoolnutrition.org/certificate-and-credentialing/credentialing-program/sns-benefits-reqs-fees/>).

Program Requirements:

The certificate requires that students take the following courses, for a total of 31 credit hours:

Required courses -- 31 credit hours

ACC 382: Accounting and Financial Analysis (3)

HEP 100: Introduction to Health and Wellness (SB) or EXW 302: Fundamentals of Wellness (L) or EXW 325: Fitness for Life (3)

HSC 355: Eating for Lifelong Health (SB) or NTR 450: Nutrition in the Life Cycle (SB) (3)

NTR 142: Applied Food Principles (3)

NTR 343: Food Service Purchasing (3)

NTR 344: Nutrition Management and Leadership (L) (3)

NTR 345: Development of Healthy Cuisines or NTR 341: Medical Nutrition Therapy I (3)

NTR 400: Preprofessional Preparation in Dietetics or NTR 401: Preprofessional Preparation in Nutrition (3)

NTR 445: Management of Food Service Systems (3)

NTR 448: Community Nutrition (L) (3)

NTR 498: Child Nutrition Seminar (1)

Students must earn a minimum grade of C in all courses in the certificate.

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

GPA Requirement: 2.00

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Interested students should speak with their academic advisor.

Contact Information:

Health Solutions, College of

College of Health Solutions

<https://chs.asu.edu/home>

HLTHN 401AA

chs@asu.edu

602-496-3300

Secondary Education Certificate (TESEDCERT)

Campus: Polytechnic, Tempe, West, ASU@Lake Havasu, ASU@The Gila Valley

Description:

The secondary education certificate program prepares students who wish to teach students enrolled in grades 6-12. While students develop a strong content background, the secondary education certificate program focuses on developing the requisite teaching knowledge and abilities to

successfully teach middle or high school students. In order to integrate teacher preparation with the academic specialization, the Teachers College collaborates and communicates with academic departments throughout the university. Professional experiences and residency are required components of this certificate.

Students who complete this certificate program are issued an institutional recommendation for certification in Arizona. Students desiring to teach in a public school must also pass the Professional Knowledge Arizona Educator exam (either the National Evaluation Series or the Arizona Educator Proficiency Assessments) to be certified to teach in the state of Arizona.

The secondary education undergraduate certificate is also available for students who have earned a bachelor's degree; this is considered a nondegree graduate pathway.

Program Requirements:

The certificate requires a minimum of 30 hours.

Required Courses -- 15 credit hours

- BLE 407: SEI for Secondary Students (L) (3)
- RDG 323: Literacy Processes in Content Areas (3)
- SED 322: Classroom Leadership in Secondary Schools (L) (3)
- SPE 417: Inclusion Practices at the Secondary Level (3)
- TEL 311: Instruction and Management in the Inclusive Classroom (3)

Methods Course (choose one) -- 3 credit hours

Please consult with MLFTC academic advisor to select appropriate subject methods course.

- BIO 480: Methods of Teaching Biology (3)
- CHM 480: Methods of Teaching Chemistry (3)
- ENG 480: Methods of Teaching English: Composition (L) (3)
- ENG 482: Methods of Teaching English: Language (L) (3)
- HST 480: Methods of Teaching History: Classroom Resources (3)
- MTE 482: Methods of Teaching Mathematics in Secondary School (3)
- MTE 485: Teaching Standards-Based Middle and High School Mathematics (3)
- PHY 480: Methods of Teaching Physics (3)
- SED 403: Secondary Principles, Curriculum and Methods (3)
- SED 480: Special Methods of Teaching Social Studies (3)
- SED 482: Science Teaching Methods for Secondary Schools (3)
- SES 480: Teaching Earth and Space Sciences (3)
- SLC 479: Introduction to Teaching Foreign Languages (3)

Required Clinical Experiences -- 12 credit hours

SED 396: Clinical Experience I or SED 398: Clinical Experience or SED 397: Clinical Experience II or SED 496: Clinical Experience III (1-3)

Notes: During your clinical experience internship(s) you will work alongside a lead teacher, in a 6-12th grade classroom.

SED 478: Student Teaching: Secondary Education (Grades 6-12) (11-12)

Notes: Your student teaching residency requires a full-time commitment in a 6-12th grade classroom for the semester. Degree requirements for a student's major must be completed prior to student teaching.

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

Students interested in pursuing the secondary education certificate should be enrolled as a degree-seeking undergraduate student. This program is also available to students in the Phoenix area or Gila Valley area (Morenci) who have already completed a bachelor's degree and want to be certified to teach. Students interested in this option apply to ASU as a nondegree-seeking graduate student.

Students interested in this program should have content knowledge in one of the following areas, demonstrated by having a minimum of 24 credit hours in coursework for the major or a passing score on appropriate teacher certification exam: biology, business, chemistry, Chinese (Mandarin), earth and space science, economics, English, French, general science, geography, German, history, mathematics, physics, political science or Spanish.

Students should have a valid Arizona DPS Identity Verified Print (IVP) fingerprint clearance card.

A 2.50 GPA is required to progress into the final semester of student teaching. Students should contact the Mary Lou Fulton Teachers College for more information.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Teachers College, Mary Lou Fulton
Division of Teacher Preparation
<https://education.asu.edu/>
ED 120
educationadvising@asu.edu
480-965-5555

Security Studies Certificate (PPSCSCERT)

Campus: Downtown Phoenix

Description:

The security studies certificate program provides students with the skills and credentials necessary to expand their employment opportunities in corporate and public security.

Through the 24 credit hour curriculum, students receive extended education in transdisciplinary topics such as accounting, computer studies and information systems, and crime analysis and in advanced crime and law courses. Upon completion of this certificate, students are well-equipped to have fluid conversations with professionals from different backgrounds about security, whether corporate or private.

Program Requirements:

Required Core Courses -- 12 credit hours

- ACC 382: Accounting and Financial Analysis (3)
- CIS 105: Computer Applications and Information Technology (CS) (3)
- CRJ 201: Criminal Justice Crime Control Policies and Practices (3)
- CRJ 419: Domestic Terrorism (3)

Select two courses from the following

-- 6 credit hours

- CRJ 410: Procedural Criminal Law (3)
- CRJ 412: International Terrorism (3)
- CRJ 450: Crime Analysis (3)
- CRJ 463: White Collar Crime (3)
- CRJ 464: Organized Crime (3)

Select one course from the following -- 3 credit hours

- CIS 235: Introduction to Information Systems (3)
- CPI 101: Introduction to Informatics (CS) (3)
- CSE 100: Principles of Programming with C++ (CS) (3)
- CSE 110: Principles of Programming (CS) (3)
- CSE 180: Computer Literacy (CS) (3)

Select one course from the following -- 3 credit hours

- CRJ 484: Internship (3)
- LAW 480: The Law of Business Organizations (3)
- LES 305: Business Law and Ethics for Managers (3)

A grade of "C" (2.00 on a 4.00 scale) or better is required for all course work.

Bachelor of Science in criminology and criminal justice majors who are also pursuing the Security Studies certificate may not use CRJ 410, CRJ 412, CRJ 450, CRJ 463, CRJ 464, and CRJ 494 towards both their degree and certificate.

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

Students should meet with an academic advisor from the School of Criminology and Criminal Justice to formally add the certificate to their degree plan.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Public Service and Community Solutions, Watts College of
School of Criminology and Criminal Justice
<https://ccj.asu.edu>
UCENT 600
SCCJAdvising@asu.edu
602-496-2356

Small Business and Entrepreneurship Certificate (BASMBCERT)

Campus: Tempe

Description:

In the certificate program for small business and entrepreneurship, students learn how to launch their own business or work with small or startup operations. Course topics include small business, entrepreneurship and business plan development. Classroom work is complemented by frequent interaction with successful founders and leaders of entrepreneurial ventures.

Program Requirements:

The certificate requires 15 credit hours.

Required Courses -- 9 credit hours

- ENT 305: Principles of Entrepreneurship (3)
- ENT 360: Entrepreneurship and Value Creation (3)
- ENT 441: Entrepreneurial Management (3)

Elective (choose one) -- 3 credit hours

- ENT 446: Venture Capital Experience (3)
- ENT 447: Lean Launch (3)
- ENT 448: Corporate Entrepreneurship (3)
- ENT 464: Collaborative Design Development I (L) (5)
- ENT 465: Collaborative Design Development II (L) (5)
- MKT 435: Entrepreneurial Marketing (3)
- MKT 440: Creating Digital Experiences (3)

Small Business Elective (choose one) -- 3 credit hours

- ACC 350: Internal Reporting (3)
- ACC 430: Taxes and Business Decisions (3)
- CIS 300: Web Design and Development (3)
- CIS 308: Advanced Excel in Business (3)
- CIS 309: Business Process Management (3)
- CIS 315: Introduction to Business Data Analytics (3)
- CIS 425: Web Technologies for the Enterprise (3)
- CIS 440: Capstone in Information Systems (L) (3)
- ECN 360: Economic Development (SB & G) (3)
- ECN 410: Applied Regression Analysis and Forecasting (3)
- ENT 340: Creativity and Innovation (L or HU) (3)
- ENT 484: Internship or MGT 484: Internship (3)
- FIN 361: Advanced Managerial Finance (3)
- FIN 461: Financial Cases and Modeling (L) (3)
- MGT 394: Women and Leadership in Business Today (3)
- MGT 411: Leading Organizations (3)
- MGT 430: Negotiations (3)
- MGT 450: Consulting Projects (L) (3)
- MKT 365: Advertising and Beyond: Customer-Centric Brand Development (3)
- MKT 402: Consumer Behavior (3)
- MKT 410: Sales Management (3)
- SCM 344: Applied Logistics Management (3)
- SCM 345: Logistics Management (3)

SCM 355: Supply Management (L) (3)
SCM 440: Quality Management/Measurement (3)
SCM 445: Advanced Logistics Management (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

The certificate in small business and entrepreneurship is available only to business majors at ASU. Students majoring in business entrepreneurship or management (entrepreneurship) are not eligible to pursue this certificate. The certificate application is accessed and submitted through Advising SOS: <https://wpcarey.asu.edu/sos> (<https://wpcarey.asu.edu/sos>).

No more than six credit hours may be shared between certificate and other degree programs, minors, or other certificates.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Business, W. P. Carey School of
Dean, W.P. Carey School of Business
<https://wpcarey.asu.edu/undergraduate-degrees/small-business-entrepreneurship-certificate>
BA 160
wpcareyug@asu.edu
480-965-4227

Social Science Research Methods Certificate (LASSRMCERT)

Campus: Tempe

Description:

The certificate program in social science research methods prepares students to acquire, manage and analyze a broad range of data on human thought and human behavior. Data can be qualitative (e.g., text, images, sound) or quantitative (e.g., direct observation, surveys, GIS). Data acquisition skills may include the downloading and managing of information from online sources or the primary collection of data in surveys or by direct observation. A key feature of this program is a focus on data analysis so students are able to analyze any data they collect. All students in this program demonstrate skills in statistical analysis plus skills in a selection of methods related to their interests.

Program Requirements:

Students must complete 18 credit hours. A minimum of a "C" grade (2.00 on a 4.00 scale) in each course is required.

Required Course -- 3 credit hours

CDE 498 / GIS 494: Multivariate Statistics for Social Sciences or STP 452: Multivariate Statistics (3)

Electives (Choose four) -- 12 credit hours

ACO 100: All About Data: Design, Query, and Visualization (CS) (3)

ACT 435: Statistics for Risk Modeling (3)

ACT 450: Actuarial Models and Modeling I (3)

ALA 235: Introduction to Computer Modeling (CS) (3)

AML 253: Introduction to Mathematical Tools and Modeling for the Life and Social Sciences (3)

AML 441: Mathematical Concepts and Tools in Sustainability (3)

ASM 494: Models in Social Evolution (3)

BME 301: Numerical Methods in Biomedical Engineering (2)

BMI 211: Modeling Biomedical Decisions (3)

BMI 311: Modeling Biomedical Knowledge (3)

BMI 312: Modeling Biomedical Data (3)

BMI 461: Advanced Topics in Biomedical Informatics I (3)

BMI 462: Advanced Topics In Biomedical Informatics II (3)

COM 308: Advanced Research Methods in Communication (L) (3)

COM 407: Advanced Critical Methods in Communication (3)

CRJ 303: Statistical Analysis (CS) (3)

ECN 410: Applied Regression Analysis and Forecasting (3)

ECN 416: Game Theory and Economic Behavior (3)
 EDP 454: Statistical Data Analysis in Education (CS) (3)
 FAS 361 / SOC 391: Research Methods (L or SB) (3)
 FAS 498: Advanced Statistics for Social Sciences (3)
 GCU 351: Population Geography (SB & G) (3)
 GCU 373: Introduction to Geographic Information Science (SG) (4)
 GCU 442: Geographical Analysis of Transportation (SB) (3)
 GCU 496: Geographic Research Methods (L) (3)
 GIS 311: Geographic Information Science III (CS) (4)
 GIS 322: Programming Principles in GIS II (3)
 GIS 341: Cartography and Georepresentation (CS) (3)
 GIS 431: Spatial Databases (3)
 GIS 441: Geographics: Interactive and Animated Cartography and Geovisualization (CS) (3)
 GIS 461 / PUP 481: Fundamentals of Spatial Optimization (3)
 GIS 462: Location Analysis and Modeling (3)
 GIS 470: Advanced Statistics for Geography and Planning (CS) (3)
 GIS 471: Spatial Statistics for Geography and Planning (3)
 GIS 472: Spatial Regression Analysis (3)
 GPH 494: Advanced Digital Analysis (3)
 HSE 290: Experimental Methods for Human Systems Research (L) (3)
 HSE 390: Qualitative Research Methods (L) (3)
 IFT 200: Information Modeling, Storage and Retrieval (3)
 MKT 352: Marketing Research (L) (3)
 POS 301 / SGS 305: Empirical Political Inquiry (SB) (3)
 POS 401 / SGS 401: Political Statistics (CS) (3)
 PUP 424: Planning Methods (4)
 PSY 330: Statistical Methods (CS) (3)
 SBS 302: Qualitative Methods (3)
 SBS 404: Social Statistics II: Multivariate Analysis (CS) (3)
 SOC 389 / SBS 389 / ASB 389: Ethnographic Field Lab (1-6)
 SOS 211: Calculus and Probability for the Life and Social Sciences (MA) (3)
 STP 280: Probability and Statistics for Researchers (CS) (3)
 STP 310: Design and Analysis of Experiments (3)
 STP 311: Regression and Time Series Analyses (3)
 STP 315: Statistical Computing (3)
 STP 420: Introductory Applied Statistics (CS) (3)
 STP 421: Probability (3)
 STP 425: Stochastic Processes (3)
 STP 429: Applied Regression (CS) (3)
 STP 450: Nonparametric Statistics (3)
 STP 460: Categorical Data Analysis (3)
 TWC 301: Fundamentals of Writing for Digital Media (L) (3)
 TWC 411: Principles of Visual Communication (L) (3)

Required Capstone Course -- 3 credit hours

ASB 499: Individualized Instruction or an equivalent capstone course approved by academic advisor (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Liberal Arts & Sciences, The College of
 School of Human Evolution & Social Change
<https://shesc.asu.edu/>
 SHESC 233
shesc.undergrad@asu.edu

Social Transformation Certificate (LASOTCERT)

Campus: Tempe

Description:

Students enrolled in the certificate program examine how varied communities have faced and solved the needs of social change. They consider how to apply what they have learned in identifying just solutions to the social problems currently facing society. The areas of focus include a variety of themes such as:

- civil rights movements
- democracy movements
- gender equality
- gender justice
- immigration
- labor movements

Program Requirements:

The certificate requires a minimum of 15 credit hours, of which at least 12 credit hours must be completed at the upper-division level. A minimum of 12 credit hours must be completed at ASU. Courses for the certificate must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher.

Required Courses -- 6 credit hours

APA 220 / JUS 220 / SST 220: Introduction to Social Transformation (3)

SST 484: Internship or SST 499: Individualized Instruction (3)

Electives (Choose three) -- 9 credit hours

AFR 325 / JUS 326: Music as Political Discourse: Reggae, Calypso, and Hip Hop (HU & H & G) (3)

AFR 365 / WST 364: Unruly Voices: Black Women and Cultural Narratives (HU & C) (3)

AFR 420: Race Ethnicity and Politics in the African Diaspora (SB & G) (3)

AFR 470: Women's International Human Rights (3)

APA 350: Inequality and Diversity in Education (L & C) (3)

COM 312: Communication, Conflict, and Negotiation (3)

COM 341: Social Contexts for Performance (3)

ENG 333: American Ethnic Literature ((L or HU) & C) (3)

ENG 367: Environmental Issues in Literature and Film (L or HU) (3)

ENG 371: Rhetoric of the Environmental Movement (3)

HST 306: Studies in United States History ((HU or SB) & H) (3)

HST 354: Revolutionary Europe (SB & H) (3)

JUS 320: Community and Social Justice (SB & C) (3)

JUS 321: Wealth Distribution and Poverty (SB & C) (3)

JUS 350: Immigration and Justice (SB & C) (3)

JUS 375: Justice and the Mass Media (SB) (3)

JUS 430: Social Protest, Conflict, and Change ((L or SB) & C) (3)

JUS 444: Environment and Justice (L & C) (3)

JUS 460: Feminism and Justice (C) (3)

JUS 497: Digital Activism (1)

NLM 410: Social Entrepreneurship (3)

PAF 305: Urban Governance (3)

REL 379: Religion, Nationalism, and Ethnic Conflict (HU & G) (3)

SOC 352: Social Change (SB & G & H) (3)

TCL 340: Chicana/o and Latina/o Politics and Policy (L & C) (3)

TCL 341: Latinas/os and the City (C) (3)

THP 482: Theatre for Social Change (C) (3)

WST 375: Women and Social Change (SB & C) (3)

WST 377: History of American Feminist Thought (H & C) (3)

WST 378: Global Feminist Theory (L & G) (3)

WST 380: Race, Gender, and Class (SB & C) (3)

Courses in addition to those in the list above may be used with the approval of an academic advisor in the School of Social Transformation. Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Liberal Arts & Sciences, The College of
School of Social Transformation
<https://sst.asu.edu/content/social-transformation>
WILSN 125
SSTadvising@asu.edu
480-965-7682

Socially Engaged Practice in Design and the Arts Certificate (HISEPCERT)

Campus: Tempe

Description:

Socially engaged practice in arts and design centers around participation, reciprocal relationships and collaborations that promote civic dialogue and investigate pressing issues of our time. This certificate program provides a theoretical framework, rigorous training and field experience in arts and design in civic and applied settings.

Program Requirements:

The certificate in socially engaged practice in design and the arts requires 18 credit hours; including 12 hours of upper-division coursework. All courses must be completed with a minimum grade of "C" (2.00) or better. An overall 3.00 GPA is required for this certificate.

Core -- 6 credit hours

HDA 210: Creativity and Innovation in Design and the Arts (3)

HDA 310: Socially Engaged Practice (3)

Social Engagement -- 3 credit hours

ART 442: Art and Community (3)

HDA 394: Design & Arts Corps (1-3)

HDA 494: Design & Arts Corps (1-3)

NLM 410: Social Entrepreneurship (3)

THP 482: Theatre for Social Change (C) (3)

Fieldwork / Internship -- 3 credit hours

HDA 410: Design and the Arts Corps Seminar (3)

HDA 410 may be satisfied with other Capstone or Internship Experiences as approved by the program faculty coordinator.

Electives (at least 3 credits must be upper-division) -- 6 credit hours

AME 310: Media Literacies and Composition (3)

AME 340: Compositional and Computational Principles for Media Arts (3)

AME 411: Advanced Interactive Sound (3)

AME 444: Media Installations (3)

AME 494: Animating Virtual Worlds (3)

ARS 441: Public Art (3)

ART 439: Intermedia Studio (3)

ART 442: Art and Community (3)

ART 443: Intermedia Performance (3)

DCE 133: Urban Movement Practices I (2)

DCE 201: Dance, Culture, and Global Contexts (HU) (3)

DCE 203: Walk this Way (3)

DCE 233: Urban Movement Practices II (2)

DCE 303: The Body Condition(ed) (SB) (3)

DCE 333: Urban Movement Practices III (3)

DCE 360: Third-Year Creative Practices I (3)

DCE 404: Dance and Ethics (3)

DCE 405: Rhetorical Moves (L or HU) (3)

HDA 252: Foundations Arts and Design Entrepreneurship (3)

MDC 211: Introduction to Digital Sound (3)

MDC 311: Composing and Performing for Hybrid Ensembles (3)
MHL 342: Music History II (HU) (3)
MHL 344: Music in World Cultures (HU & G) (3)
MUP 489: Gamelan (3)
MUP 489: Latin Marimba (3)
MUS 362: Rap Music and Hip Hop Culture (HU & C) (3)
NLM 160: Voluntary Action and Community Leadership (SB) (3)
NLM 220: Introduction to Nonprofit Organizations (3)
NLM 410: Social Entrepreneurship (3)
NLM 430: Managing Nonprofit Organizations (L) (3)
NLM 451: Grant Writing (3)
PAF 200: Public Service and Policy in the 21st Century (3)
PAF 410: Building Leadership Skills (SB) (3)
PAF 420: Managing Across Boundaries (3)
TDM 448: Heritage and Cultural Tourism (3)
THP 251: Student Production Board I (3)
THP 451: Student Production Board II (3)
THP 482: Theatre for Social Change (C) (3)
THP 483: Acting: Viewpoints and Composition (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

A minimum GPA of 3.00 is required to complete the certificate. The certificate is administered through the Office of Student Success in the Herberger Institute and is open to all undergraduate students admitted to ASU.

Students enrolled in a BA in the Herberger Institute must complete three additional credit hours of coursework unique to the certificate program that does not also count toward their major (due to the overlapping requirements of HDA 210 and HDA 310).

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Design & the Arts, Herberger Institute for
Dean, Herberger Institute for Design and the Arts
<https://herbergerinstitute.asu.edu/degree-programs/socially-engaged-practice-design-and-arts-certificate>
CDS 101
herbergeradvising@asu.edu
480-965-4495

Socio-Legal Studies Certificate (LASLSTCERT)

Campus: Tempe

Description:

The distinction between law on the books and law in action, which refers to how people experience law in their everyday lives, is a cornerstone of the certificate program. The undergraduate certificate program in socio-legal studies offers a model for educating and training students in the study of legal ideas, institutions and practices from the perspectives of the social sciences, law and the humanities.

Program Requirements:

Students must complete 15 credit hours with at least 12 credit hours completed at the upper-division level. A minimum grade of "C" (2.00 on a 4.00 scale) is required for a course to count toward the certificate.

Core Theory and Foundation Courses (choose two) -- 6 credit hours

JUS 303: Justice Theory (L) (3)
JUS 308: Courts and Society (3)
JUS 360 / CRJ 350: Law and Social Control (SB) (3)
JUS 410: Punishment: Logic and Approach (3)
JUS 463: Discretionary Justice (SB) or CRJ 470: Discretionary Justice (L or SB) (3)

JUS 465: Death Penalty in the United States (L) (3)
PHI 307: Philosophy of Law (HU) (3)
PHI 336: Social and Political Philosophy (HU) (3)
PHI 408: Feminist Ethics (HU) (3)
POS 315: The Supreme Court (SB) (3)
POS 465: International Organization and Law (SB & G) (3)
POS 471: Constitutional Law I (SB) (3)
POS 472: Constitutional Law II (SB) (3)

Interdisciplinary Elective Component (choose three) -- 9 credit hours

Interdisciplinary electives must be taken from at least two different academic disciplines. Any course listed below may count towards this requirement. Other courses can be approved by the certificate program director.

AFR 215: Bob Marley and Reggae: Lyrics of Resistance (HU & G) (3)
AFR 301 / JUS 300: Race and Racism in Africa/African Diaspora (SB & G) (3)
AFR 304 / JUS 304: Islands of Globalization: Caribbean Politics and Political Economy (SB & G & H) (3)
AFR 420 / JUS 421: Race Ethnicity and Politics in the African Diaspora (SB & G) (3)
AFR 428 / JUS 428 / APA 428 / SST 428: Critical Race Theory (3)
CRJ 305: Gender, Crime, and Criminal Justice (C) (3)
CRJ 306: Race, Ethnicity, Crime, and Criminal Justice (C) (3)
JUS 329: Domestic Violence (SB) (3)
JUS 350: Immigration and Justice (SB & C) (3)
JUS 374: The Holocaust, Genocide, and Human Rights (3)
JUS 422 / WST 422: Women, Law, and Social Control (3)
JUS 425: Race, Gender, and Justice ((L or SB) & C) (3)
JUS 430: Social Protest, Conflict, and Change ((L or SB) & C) (3)
JUS 432: Racial Justice (L) (3)
JUS 467: Terrorism, War, and Justice (SB) (3)
JUS 469: Political Deviance and the Law ((L or SB) & C) (3)
JUS 470: Alternative Dispute Resolution (L & C) (3)
JUS 484: Internship (3)
JUS 498: Pro-Seminar (3)
POS 370: Law and Society (SB) (3)
POS 470: Law and the Political Order (SB) (3)
PSY 468: Psychology and Law (3)
SOC 340: The Sociology of Deviance (SB) (3)
SOC 445: Globalization, Development, and Resistance (SB & G) (3)
TCL 335 / HST 323 / AFR 335: Historical Studies in Race, Crime, and the Law (3)
TCL 340: Chicana/o and Latina/o Politics and Policy (L & C) (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

Students who have attained sophomore standing (30 credit hours) in any undergraduate degree program at ASU are eligible for admission to the certificate program for socio-legal studies. There is no formal admission procedure, but students should contact the certificate program director or an academic advisor in the School of Social Transformation as soon as they decide to pursue the certificate.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Liberal Arts & Sciences, The College of
School of Social Transformation
<https://sst.asu.edu/content/socio-legal-studies>
WILSN 125
SSTadvising@asu.edu
480-965-7682

Campus: Downtown Phoenix

Description:

The series of courses in this 18-credit hour certificate program helps students hone Spanish communication skills and cultural knowledge so they may serve the needs of the U.S. Latino community in professional settings, such as business, engineering and urban planning, legal and justice studies, sustainability, social work, health care and community interpretation.

The combination of professionally focused courses and practical experience in this program enhances students' professional preparation for employment in positions that require advanced proficiency in Spanish and an in-depth understanding of U.S. Latino culture.

Program Requirements:

The Spanish for the professions certificate requires a total of 18 credit hours.

A grade of "C" (2.00 on a 4.00 scale) or better is required for all courses. Pass/Fail courses cannot be used.

Required Courses -- 12 credit hours

SPA 317: Spanish for the Professions (G) (3)

SPA 404: Spanish in U. S. Professional Communities ((L or HU) & C) (3)

SPA 405: Latino Cultural Perspectives for the Professions ((L or HU) & C & G) (3)

SPA 484: Internship (3)

Elective Courses (choose two) -- 6 credit hours

SPA 318: Advanced Spanish for Health Care Professionals (<https://webapp4.asu.edu/catalog/courselist?s=SPA&l=upperdivision&t=2207&hon=F>) > SPA Upper Division Elective (3)

Notes: SPA 300- or 400-level Spanish courses focused on the professions (e.g., health care, business, social work, legal and justice studies, sustainability, engineering, urban planning, community interpretation and translation) (3)

SPA 401: Spanish Oral Communication for the Professions (3)

Notes: Recommended for journalism majors.

SPA 402: Written Communication for the Professions (3)

Notes: Recommended for journalism majors.

SPA 403: Spanish Grammar and Stylistics for the Professions (3)

Notes: Recommended for journalism majors.

SPA 406: Introduction to Spanish/English Medical Interpretation (3)

SPA 494: Introduction to Spanish Translation for the Profes (3)

Notes: Recommended for journalism majors.

SPA 494: Latino/Lat. Amer. Film: Ethical Discus. for Profes (3)

SPA 494: Markets Migrants and Work Case Studies for Profess (3)

Students should complete a minimum of 12 credit hours in the certificate and seek instructor approval before enrolling in SPA 484. Contact spanishfortheprofessions@asu.edu for details.

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

The prerequisites for this certificate are SPA 314 Spanish Conversation and Composition or SPA 316 Advanced Spanish II for Bilinguals or by permission of the instructor.

For additional information and to add the certificate, students should visit the college's website.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Integrative Sciences and Arts, College of

College of Integrative Sciences and Arts

<https://cisa.asu.edu>

AZCENT 380

CISA@asu.edu

602-496-0271

Special Events Management Certificate (HSRTMUERT)

Campus: Downtown Phoenix

Description:

The special events management certificate is a career enhancement program offered to nondegree-seeking students who already have a degree from an accredited university in any major or to students currently pursuing a bachelor's degree in any major at ASU.

This program is designed to give students hands-on event planning experience, including promotion techniques for the theoretical and philosophical aspects of event operations.

The certificate requires 18 credit hours of required core courses. Courses taken as part of certain university majors may count credits toward that degree and toward the certificate.

Program Requirements:

The certificate requires 18 credit hours: 15 credit hours of required core courses and three credit hours of electives. Courses taken as part of a university major may count toward that degree and the certificate. To earn the certificate, students must complete all course work in the certificate with a minimum grade of "C" (2.00 on a 4.00 scale) or better. An application to the program is required.

Required Core Courses -- 15 credit hours

PRM 145: Special Events Management (3)

Notes: Must take this course first, as prerequisite for the following required courses.

PRM 422: Entertainment, Protocol, and Programming for Special Events (3)

Notes: Offered spring semester only

PRM 423: Special Event On-Site Operations (3)

Notes: Offered fall semester only

PRM 427: Revenue Generation for Special Event Management (3)

PRM 488: Event Marketing and Promotion (3)

Notes: iCourse, offered fall semester only

Elective Course (select one) -- 3 credit hours

CRD 301: Sustainable Communities (3)

NLM 220: Introduction to Nonprofit Organizations (3)

NLM 310: Volunteer Management (3)

PRM 470: Environmental Communication (3)

Notes: Offered spring semester only

PRM 475: Entrepreneurial Recreation and Tourism (3)

PRM 487: Advanced Special Events Management (3)

Notes: Offered spring semester only

TDM 205: Introduction to Travel and Tourism (G) (3)

TDM 345: Meeting and Convention Planning (3)

TDM 350: Tourism, Recreation and Sports Marketing (3)

TDM 448: Heritage and Cultural Tourism (3)

Standards

1. 18 hours of graded classroom course work (no internship, no independent study)
2. minimum of a "C" (2.00 on a 4.00 scale) grade required for all courses in the certificate
3. minimum GPA of 2.00 for those pursuing the certificate
4. should be a junior to take 400-level courses

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Public Service and Community Solutions, Watts College of

School of Community Resources and Development
<https://scrd.asu.edu/content/degree-programs>
UCENT 500
scrdadvising@asu.edu
602-496-0550

Speech-Language Pathology Assistant Certificate (LASLPACERT)

Campus: Tempe

Description:

The speech-language pathology assistant certificate program prepares students to work with individuals with communication disorders, under the direction of a licensed speech-language pathologist.

Students majoring in speech and hearing science or persons already holding a bachelor's degree in speech and hearing science receive additional coursework and clinical training to be eligible for the speech-language pathology assistant licensure.

Speech-language pathology assistants work under the direction and supervision of speech-language pathologists in schools, clinics and rehabilitation agencies that provide speech and language services.

Program Requirements:

The speech-language pathology assistant certificate program includes 15 credit hours of course work and clinical internships completed in conjunction with the bachelor's degree in speech and hearing science.

Twelve of the 15 credit hours for the speech-language pathology assistant certificate must be completed at ASU. A minimum grade of "B-" (scale is 4.00 = "A") is required for a course to count toward the certificate.

Required courses -- 15 credit hours

SHS 402: Clinical Methods and Treatment of Communication Disorders (3)

SHS 473: Implementation of Treatment Plans for Individuals with Communication Disorders (3)

SHS 483: Professional Issues and Ethical Considerations for the SLPA (3)

SHS 484: Internship (6)

Notes: Two internships of clinical practice

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

Students who have completed at least nine credit hours in speech and hearing science coursework with at least a 2.75 GPA (scale is 4.00 = "A") in those courses are eligible to apply. Applications are accepted from students who have completed a bachelor's degree in speech and hearing science or communication disorders from a program accredited by the American Speech-Language-Hearing Association, providing their GPA in the major was at least 2.75.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Health Solutions, College of
College of Health Solutions
<https://chs.asu.edu/programs/speech-language-pathology-assistant>
HLTHN 401AA
chs@asu.edu
602-496-3300

Sports Business Certificate (BASPBCERT)

Campus: Tempe

Description:

The certificate in sports business has an innovative curriculum designed for students seeking a BS in the W. P. Carey School of Business who are interested in deepening their knowledge in the sports business domain. Particular attention is given to providing a foundation in marketing and sales

as it is applied to the sports business discipline. The certificate program prepares students for success by complementing coursework from a degree program with specialized business knowledge in the sports business area of interest.

Program Requirements:

The certificate requires 15 credit hours.

A "C" (2.00 on a 4.00 scale) or better is required in all coursework.

Required Course -- 3 credit hours

MKT 311: Sports Business (3)

Choose at least two of the following courses -- 6 credit hours

MKT 441: Sports Revenue Generation (3)

MKT 451: Sports Business Analytics (3)

MKT 484: Internship or MKT 493: Honors Thesis (L) (3)

Choose no more than two of the following courses -- 6 credit hours

MKT 370: Professional Sales and Relationship Management (3)

MKT 410: Sales Management (3)

MKT 431: Sports Events and Facility Management (3)

MKT 435: Entrepreneurial Marketing (3)

MKT 442: Services Marketing Strategy (3)

MKT 484: Internship or MKT 493: Honors Thesis (L) (3)

MKT 494: Special Topics (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

Prerequisites: This program is available to W. P. Carey Bachelor of Science degree program students with a 2.50 cumulative ASU GPA and 56 earned credit hours. Students must have completed MKT 300, MKT 302 or MKT 303 with a grade of "C" (2.00 on a 4.00 scale) or better.

The certificate application is accessed and submitted through Advising SOS: <http://wpcarey.asu.edu/sos> (<http://wpcarey.asu.edu/sos>).

No more than six credit hours may be shared between certificate and other degree programs, minors, or other certificates.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Business, W. P. Carey School of

Department of Marketing

<https://wpcarey.asu.edu/undergraduate-degrees/programs>

BA 460

wpcareymkt@asu.edu

480-965-3621

Sports, Cultures and Ethics Certificate (LASPCECERT)

Campus: Tempe

Description:

The certificate program in sports, cultures and ethics is a cross-disciplinary inquiry into the social, ethical and cultural influence of athletics and sports spectatorship in our society.

The courses explore the historical grounding of sport and examine how sport and culture, including religion and gender, influence and shape each other. Students analyze the ethical and philosophical issues of participating in and spectating sport.

Students completing the certificate have a knowledge and understanding of the nature of sport and its wide-ranging impact on the culture and lives.

Program Requirements:

The certificate in sports, cultures and ethics requires a minimum of 18 credit hours, of which at least 12 must be upper-division. At least six upper-division hours must be in courses offered by The College of Liberal Arts and Sciences. All courses for the certificate must be passed with a minimum grade of "C" (2.00 on a 4.00 scale).

Required Courses -- 6 credit hours

AFR 375: Race, Gender and Sport (SB & C) or HST 377: Sports in United States History (3)

PHI 370: Sports Ethics (HU) (3)

Electives (choose four) -- 12 credit hours

At least six credit hours must be upper-division. AFR 375 or HST 377 may be used as an elective if not used as a required sports culture course.

AFR 375: Race, Gender and Sport (SB & C) (3)

ASB 252: Sports and Culture (SB & G) (3)

COM 394 / SBS 394 / SOC 394: Soccer: The Global Game (3)

COM 477: Sport, Culture, and Discourses (3)

CSM 335 / PRM 335: Sports and Recreation for Youth Development (3)

FMS 377: Baseball, Film, and American Dreams (3)

HST 294 / SLC 294: The Beautiful Game: History & Culture of Soccer (3)

HST 302: History of the Olympic Movement ((HU or SB) & G & H) (3)

HST 306: History of Baseball ((HU or SB) & H) (3)

HST 377: Sports in United States History (3)

HST 379: History of College Sports (3)

NEW 300: International Cities Barcelona (3)

PHI 394: Philosophy of Sport (3)

REL 394: Religion and Sports (3)

Additional courses related to sports, cultures and ethics that are not on the elective list may be used with the approval of the certificate directors. Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

Students must consult with an academic advisor in the School of Historical, Philosophical and Religious Studies to declare the certificate.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Liberal Arts & Sciences, The College of
Historical, Philosophical & Religious Studies, Sch
<https://shprs.asu.edu/content/sports-cultures-and-ethics>
COOR 3307
SHPRSAdivising@asu.edu
480-965-8364

Sustainable Food Systems Certificate (SUFSUCERT)

Campus: Tempe

Description:

Food systems are particularly important for human societies to sustain; however, these systems are particularly vulnerable to multiple threats. Many students from a wide variety of disciplines are interested in food systems, especially as food and sustainability become increasingly relevant issues to employers in fields across the public and private sectors.

This certificate program in sustainable food systems allows students to take advantage of the diversity of courses offered that address challenges to food system sustainability. It encourages students to cover a breadth of topics and perspectives related to food system issues while providing the opportunity to focus on particular skills and approaches suitable for their career paths, which can range from agriculture to marketing and retail to policy or ethics. This program offers an innovative and exciting approach to the challenges of food system sustainability.

Due to the transdisciplinary nature of the certificate program, many courses may be found across all four ASU campuses, allowing students to choose both the focus area and location of study that best fits their needs.

The knowledge, competencies and skills students will have upon completion of this certificate include the ability to identify food system drivers, activities, actors and outcomes at different spatial scales and the capacity to assess the primary social, economic and environmental drivers and outcomes associated with food system sustainability challenges.

Students also acquire the ability to apply one or more of the following analytical skills or approaches to the development of food system sustainability solutions: cultural and social analysis, alternative agricultural design and practice, analysis of biophysical processes and environmental services, urban planning and policy, marketing and entrepreneurial development, sustainability assessment, and consumer preference and behavior.

Program Requirements:

The certificate in sustainable food systems consists of 15 credit hours, at least 12 of which must be upper-division.

All courses must be completed with a minimum grade of C (2.0 on a 4.0 scale), however, an overall average GPA of 2.5 or higher is required for courses completed for the certificate.

Required Course -- 3 credit hours

SOS 117: Food System Sustainability (3)

Elective Courses -- 12 credit hours

Students must choose four electives. A minimum of two courses must be selected from tier 1 core electives and no more than two courses from the same prefix across both tiers 1 and 2 should be selected.

Tier 1 - Core Electives (choose at least two)

AGB 302: International Management and Agribusiness (G) (3)

AGB 414: Food and Agribusiness Policy Issues (L) (3)

AGB 456: Food Product Innovation and Development (3)

ASB 300: Food and Culture ((L or SB) & C) (3)

ASB 463: Political Ecology of the Border (SB & G) (3)

BIO 429: Human Impacts on Ecosystem Functioning (3)

ENG 367: Environmental Issues in Literature and Film (L or HU) (3)

GPH 314: Global Change (HU & G) (3)

ITA 350: Food and Culture: The Mediterranean Lifestyle in Italy (3)

NTR 353: Perspectives on the Western Diet: Food, Health and Sustainability (3)

PLB 302: Plants and Civilization (L) (3)

PUP 498: Urban Food Systems (3)

SOS 327: Sustainable Food and Farms (3)

Tier 2 - Electives

ABS 368: Plant Propagation (3)

ABS 464: Desert Horticulture (3)

AGB 302: International Management and Agribusiness (G) (3)

AGB 321: Agribusiness Marketing (3)

AGB 414: Food and Agribusiness Policy Issues (L) (3)

AGB 420: Food Advertising and Promotion (3)

AGB 452: Global Food and Agricultural Trade (3)

AGB 456: Food Product Innovation and Development (3)

AIS 494: American Indian Food Justice and Sovereignty (3)

ASB 300: Food and Culture ((L or SB) & C) (3)

ASB 305: Poverty and Global Health ((L or SB) & G) (3)

ASB 463 / TCL 443: Political Ecology of the Border (SB & G) (3)

ASB 464 / TCL 444: The Ethnography of Mexico and the Borderlands (SB & G) (3)

BIO 311: Biology and Society (3)

BIO 324: Environmental Ethics (HU) (3)

BIO 418: Soil Ecology (3)

BIO 434: People and Nature: Ecosystem Services (3)

ENG 367: Environmental Issues in Literature and Film (L or HU) (3)

GPH 314: Global Change (HU & G) (3)

ITA 350: Food and Culture: The Mediterranean Lifestyle in Italy (3)

NTR 348: Cultural Aspects of Food (SB & C & G) (3)

NTR 353: Perspectives on the Western Diet: Food, Health and Sustainability (3)

NTR 448: Community Nutrition (L) (3)

PLB 302: Plants and Civilization (L) (3)

PUP 498: Urban Food Systems (3)

SOS 309 / HST 308 / PHI 322: History and Philosophy of Sustainability (3)
SOS 322: International Development and Sustainability (3)
SOS 327: Sustainable Food and Farms (3)
SOS 370 / ASB 370: Ethics of Eating (L or SB) (3)
SOS 374 / GLG 327: Earth's Critical Zone (3)
SOS 429 / BIO 429: Human Impacts on Ecosystem Functioning (3)
SOS 456: Human Rights and Sustainability ((L or SB) & G) (3)
SOS 498: Sustainable Neighborhoods for Happiness (L) (3)
TCL 394: Health Policy in a Transborder Context (3)

Electives are not limited to courses from this list only. Other courses on food systems may be offered (special topics, etc.). Students may request to have those approved as an elective for this certificate by submitting a School of Sustainability petition:

https://students.asu.edu/College_Standards_Petitions

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

Students wishing to declare a certificate in sustainable food systems should make an appointment with a College of Global Futures advisor. Advising is by appointment only, and students must schedule an advising appointment through the School of Sustainability advising website: <https://schoolofsustainability.asu.edu/advising/undergraduate-advising/> (<https://schoolofsustainability.asu.edu/advising/undergraduate-advising/>)

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Global Futures, College of
School of Sustainability
<https://schoolofsustainability.asu.edu/degrees-and-programs/certificates/>
WGHL 108
sosadvising@asu.edu
480-727-6963

Symbolic, Cognitive and Linguistic Systems Certificate (LAPHICERT)

Campus: Tempe

Description:

The symbolic, cognitive and linguistic systems certificate program takes a transdisciplinary approach to the symbolic representation and processing of information in human cognition, natural languages and formal mathematical, logical and computing systems.

Coursework covers three areas: human cognition and theories of mind, philosophy of language and linguistics, and computing and logic.

Program Requirements:

The certificate requires 18 credit hours, of which at least 12 must be upper-division. At least six upper-division credit hours must be taken through The College of Liberal Arts and Sciences. A grade of "C" (2.00 on a 4.00 scale) or higher is required for all courses used toward the certificate.

Required Course (choose one) -- 3 credit hours

CSE 110: Principles of Programming (CS) (3)
CSE 205: Object-Oriented Programming and Data Structures (CS) (3)
CSE 240: Introduction to Programming Languages (3)

Upper Division Philosophy Course (choose one) -- 3 credit hours

PHI 313: Probability, Evidence, and Decision (3)
PHI 319: Philosophy, Computing and Artificial Intelligence (CS) (3)
PHI 330: Theory of Knowledge (HU) (3)
PHI 331: Philosophy of Language (HU) (3)
PHI 333: Symbolic Logic (3)
PHI 334: Philosophy of Mind (HU) (3)
PHI 401: Rationalism (3)

PHI 402: Empiricism (HU) (3)
PHI 413: Advanced Symbolic Logic (3)

Electives -- 12 credit hours

Elective (3)

Upper Division Electives (9)

Students must complete at least one course each from the cognitive, linguistic and symbolic systems course lists below to earn the certificate. The required CSE course above also satisfies the requirement for a symbolic systems course, but students must cover the other two categories within the electives and upper division PHI course requirement. Once all three categories are satisfied, students may choose any courses from the cognitive, linguistic and symbolic systems lists for the remaining electives.

Cognitive Systems

PHI 313: Probability, Evidence, and Decision (3)
PHI 330: Theory of Knowledge (HU) (3)
PHI 334: Philosophy of Mind (HU) (3)
PHI 401: Rationalism (3)
PHI 402: Empiricism (HU) (3)
PSY 323: Sensation and Perception (3)
PSY 324: Memory and Cognition (3)
PSY 434: Cognitive Psychology (L) (3)
PSY 437: Human Factors (L) (3)

Linguistic Systems

ENG 213: Introduction to the Study of Language (3)
ENG 312: English in its Social Setting (L or HU or SB) (3)
ENG 313: Phonology and Morphology (3)
ENG 314: Modern Grammar (3)
ENG 413: History of English Language (HU) (3)
PHI 331: Philosophy of Language (HU) (3)

Symbolic Systems

CSE 110: Principles of Programming (CS) (3)
CSE 205: Object-Oriented Programming and Data Structures (CS) (3)
CSE 240: Introduction to Programming Languages (3)
CSE 471: Introduction to Artificial Intelligence (3)
MAT 243: Discrete Mathematical Structures (3)
MAT 300: Mathematical Structures (L) (3)
MAT 420: Scientific Computing (3)
PHI 319: Philosophy, Computing and Artificial Intelligence (CS) (3)
PHI 333: Symbolic Logic (3)
PHI 413: Advanced Symbolic Logic (3)

With the approval of the director of undergraduate studies, students may substitute one course not on the approved course lists. Please obtain approval prior to enrolling in any course not on the approved list.

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

To declare the certificate, students must consult with an academic advisor in the School of Historical, Philosophical and Religious Studies.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Liberal Arts & Sciences, The College of
Historical, Philosophical & Religious Studies, Sch
<https://shprs.asu.edu/node/188>
COOR 3307
SHPRSadvising@asu.edu
480-965-8364

Teaching English to Speakers of Other Languages (TESOL) Certificate (LATESLCERT)

Campus: Tempe

Description:

The undergraduate certificate program teaching English to speakers of other languages consists of a coherent set of courses that provides students with the skills necessary to teach English as a foreign language.

This certificate is useful for students interested in careers in this increasingly important field. It also serves as excellent preparation for students wishing to pursue graduate studies in the Master of Teaching English to Speakers of Other Languages program at ASU or in a similar program at another institution.

Note that this certificate does not certify students to teach in Arizona public schools (K-12).

Program Requirements:

The certificate program in teaching English as a second language requires a minimum of 18 credit hours, of which 12 must be completed at the upper-division level. At least six credit hours must be completed from courses offered by The College of Liberal Arts and Sciences. Each course must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher.

Core -- 6 credit hours

ENG 213: Introduction to the Study of Language (3)

ENG 484: TESOL Internship (3)

Theory/Methods -- 6 credit hours

ENG 404: Studies in Second Language Acquisition (6)

Notes: ENG 404 is repeatable for credit and must be completed twice.

Linguistics Electives -- 6 credit hours

Choose 1 course from each group below.

Group 1:

ENG 403: Semantics (3)

ENG 404: Studies in Second Language Acquisition (3)

ENG 414: Studies in Linguistics (3)

Group 2:

ENG 214: English Grammar and Usage (3)

ENG 312: English in its Social Setting (L or HU or SB) (3)

ENG 313: Phonology and Morphology (3)

ENG 314: Modern Grammar (3)

ENG 413: History of English Language (HU) (3)

Course substitutions may be used with approval of an academic advisor in the Department of English before enrollment.

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

For more information about the TESOL certificate, students should contact an advisor in the Department of English.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Liberal Arts & Sciences, The College of

Department of English

<https://english.asu.edu/node/252>

RBHL 170

englishadvising@asu.edu

480-965-3168

Technical Communication Certificate (LSTECCERT)

Campus: Polytechnic

ASU is no longer accepting new students to this program. Please explore Degree Search for other similar program options.

Description:

Through the technical communication program, students learn how to produce, design and manage information using traditional and developing technologies.

Program Requirements:

Enrollment Requirements:

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

For disclosure information about this U.S. Department of Education Gainful Employment program, students should see <https://catalog.asu.edu/files/disclosures/LSTECCERT/Gedt.pdf> (<https://catalog.asu.edu/files/disclosures/LSTECCERT/Gedt.pdf>).

Contact Information:

Integrative Sciences and Arts, College of
College of Integrative Sciences and Arts
<https://cisa.asu.edu>
SANCA 233
CISA@asu.edu
480-727-1526

Translation Certificate (LASPACERT)

Campus: Tempe

Description:

The translation certificate program, which focuses on Spanish and English, is designed to provide competence in translation, awareness of the different approaches, an introduction into the main professional areas and an overview of the requirements for further certification in the desired area or areas of expertise: legal, medical, business and technical translation.

Program Requirements:

The certificate program requires a minimum of 15 credit hours. At least 12 credit hours must be completed at the upper-division level. A grade of "C" (2.00 on a 4.00 scale) or higher is required in all courses.

Students are expected to have taken prerequisite courses ENG 301 and SPA 412. However, ENG 301 and SPA 412 may be completed in the first semesters after admission to the program.

Required Translation Theory Course -- 3 credit hours
SLC 401 / SPA 440: Translation Theory and Practice (3)

Required Applied Translation Courses -- 9 credit hours
Students should consult with an academic advisor in the School of International Letters and Cultures and plan their studies accordingly.
SLC 481 / SPA 441: Technical and Scientific Translation (3)
SLC 482 / SPA 442: Business and Financial Translation (3)
SLC 485 / SPA 443: Translation of Legal Texts (3)
SLC 486 / SPA 444: Medical Translation (3)

Internship Requirement -- 3 credit hours
Students must complete all required courses before enrolling for an internship. Students must complete 135 on-site internship hours to earn three credit hours in SLC 484.
SLC 484: Internship (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

Since entry into the field of professional translation is gained through work, cultural experience and examination, the entrance requirements to this certificate program include a written proficiency examination in both the source and receptor languages at the level of completion of an advanced composition course in Spanish (SPA 412) and English (ENG 301).

Extensive work experience using Spanish and English or demonstrated bilingual writing competence in English and Spanish is also required.

Students should contact an academic advisor in the school for more information.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Liberal Arts & Sciences, The College of
School of International Letters and Cultures
<https://silc.asu.edu/degrees/undergrad/minor-certs>
LL 440
silcadvising@asu.edu
480-965-6281

Veterans, Society and Service Certificate (LAVSSCERT)

Campus: Tempe

Description:

This certificate program in veterans, society and service explores the history, representations, experiences and culture of military service and veterans. Students study the veteran community from an interdisciplinary approach combining history, politics, business, journalism, psychology, law, sociology and the arts through the intersectional lenses of gender, race, ethnicity and national identity. This program trains student to listen to, learn from, serve, as well as research, and advocate for veterans and their families. Future professionals and current employees at government agencies, health provider organizations, non-profit organizations and media industries can benefit from this multifaceted certificate program.

Program Requirements:

The certificate requires a minimum of 18 credit hours, of which at least 12 must be completed at the upper-division level and 12 must be completed at ASU. All courses must be completed with a grade of C (2.00 on a 4.00 scale) or higher.

Required Courses -- 9 credit hours

VTS 301: Veterans, Society and Service: Experience of America's Modern Wars (3)
VTS 302: Representations and Self-Representations of Veterans in the Media and the Arts (3)
VTS 402: Undergraduate Research or COM 308: Advanced Research Methods in Communication (L) (3)

Electives (choose two) -- 6 credit hours

AES 103: Air Force Today II (2)
AES 203: The Evolution of USAF Air and Space Power II (2)
ARS 102: Art from Renaissance to Modernism (HU & H) (3)
COM 263: Elements of Intercultural Communication (SB & C & G) (3)
COM 420: Rhetoric and Community Advocacy (3)
FAS 410: Military Family Systems in a Democracy (3)
FMS 427: Identity and World Film (C) (3)
GRK 346 / HST 346 / SLC 346: Ancient Greece II: Late Classical and Hellenistic Period (SB & H) (3)
HST 204: Historical Themes in the US (3)
HST 302: War and Political Thought ((HU or SB) & G & H) (3)
HST 302: Women, War and Peace ((HU or SB) & G & H) (3)
HST 306: World War II ((HU or SB) & H) (3)
HST 340: American Military History (SB & H) (3)
HST 355: Total War and the Crisis of Modernity (SB & G & H) (3)
HST 372: Modern Middle East (SB & G & H) (3)
HST 456: The Vietnam War (SB & G & H) (3)

IAP 307: Art and War (HU & G) (3)
MCO 494: War and News Media (3)
NAV 102: Sea Power and Maritime Affairs (3)
OGL 300: Theory and Practice of Leadership (3)
OGL 350: Diversity and Organizations (L & C) (3)
POS 378 / REL 378: Religion, War and Peace (L) (3)
SGS 394: Gender and Armed Conflict (3)
SOC 352: Social Change (SB & G & H) (3)

Other courses that complement the student's individual course of study may be completed with prior approval of the academic advisor.

Internship -- 3 credit hours
VTS 484: Internship (3)

All students must complete an internship.

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Integrative Sciences and Arts, College of
College of Integrative Sciences and Arts
<https://vetengagement.asu.edu>
AZCNTR 380
CISA@asu.edu
602-496-0271

Water Resources Certificate (LAWATRCERT)

Campus: Tempe

Description:

The certificate program in water resources prepares undergraduate students in topics related to hydrologic science and their application to water resources management. Exciting career opportunities exist in this field within government agencies, private sector consulting and engineering firms and non-profit organizations. The sequence of classes offered through the certificate program build from a foundation in geological sciences up to water policy and design aspects of hydrology, as selected by the student.

Program Requirements:

The certificate requires a minimum of 16 credit hours. At least 12 credit hours must be completed in upper-division coursework and at least nine credit hours must be completed at ASU. At least six upper-division hours in the certificate must be completed in courses offered by The College of Liberal Arts and Sciences. A grade of "C" (2.00 on a 4.00 scale) or higher is required for each course used to fulfill a certificate requirement.

Required Courses -- 10 credit hours

GLG 108 / SOS 182: Water Planet (SQ) (4)
GLG 327 / SOS 374: Earth's Critical Zone (3)
GLG 470: Hydrogeology (3)

Electives (choose two) -- 6 credit hours

CEE 441: Water Resources Engineering (3)
GLG 325 / BIO 325 / CHM 385: Oceanography (3)
GLG 362: Geomorphology (3)
GLG 471: Hydrology (3)
GLG 481: Geochemistry (3)
SOS 433: Sustainable Water Use (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Contact Information:

Liberal Arts & Sciences, The College of
School of Earth and Space Exploration
<https://sese.asu.edu/>
ISTB4 795
sese-advising@asu.edu
480-965-5081

Wildlife Management Certificate (LSWLMCERT)

Campus: Polytechnic

Description:

The undergraduate wildlife management certificate program is for students at ASU interested in biology, conservation, sustainability and management of natural resources. The certificate provides students with professional credentials to qualify for many positions offered by state (e.g., Arizona Game and Fish Department) and federal agencies (e.g., U.S. Forest Service, U.S. Geological Survey, U.S. Bureau of Land Management).

The program provides students with application-based and hands-on experience in the field and allows them to engage with wildlife professionals. The certificate may give a hiring edge to those in the growing field of environmental careers in agencies and nongovernmental organizations.

Program Requirements:

This certificate requires 22 credit hours. A grade of "C" (2.00 on a 4.00 scale) or better is required in each course.

Required Courses -- 13 credit hours

ABS 274: Introduction to Wildlife Management (4)
ABS 376: Wildlife Ecology (3)
ABS 475: Habitat Management for Small Wildlife (3)
ABS 476: Big Game Habitat Management (3)

Elective Courses (choose three) -- 9 credit hours

ABS 377: International Wildlife Conservation (3)
ABS 380: Restoration and Wildlife Plants (3)
ABS 384: Natural Resources Measurements (3)
ABS 470: Life History of Mammals (3)
ABS 472: Applied Herpetology (3)
ABS 473: Applied Ornithology (3)
ABS 485: GIS in Natural Resources (3)
ABS 486: Introduction to Remote Sensing (4)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

Students interested in pursuing the certificate should speak with an academic advisor in the College of Integrative Sciences and Arts.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Integrative Sciences and Arts, College of
College of Integrative Sciences and Arts
<https://cisa.asu.edu>
SANCA 233
CISA@asu.edu
480-727-1526

Women and Gender Studies Certificate (ASWSTCERT)

Campus: West

Description:

The certificate program in women and gender studies examines the changing political, social, economic and cultural realities of racial, ethnic and indigenous communities in the United States and the Americas.

The program combines interdisciplinary topics and methods to critically analyze, unpack and address how relations of gender are embedded in and connected to social, political and cultural transformations. The intellectual core draws from theories, methods and teachings in women and gender studies while engaging complementary fields of social justice, cultural studies, sexuality studies, queer studies, literature, history, sociology, psychology, oral history, ethnicity, race and indigenous studies, and transnational studies.

This program prepares students for graduate study or a variety of fields including business, health care, criminal justice, social services, education, public relations, nonprofits, community development, public policy and government.

Program Requirements:

The certificate in women and gender studies consists of 18 credit hours. A minimum of 12 credit hours must be upper-division. Courses should be chosen in consultation with an academic advisor prior to enrollment. All courses used to satisfy requirements for the certificate must be passed with a "C" (2.00) or better.

Core Requirements -- 6 credit hours

HRC 200: Introduction to Social and Cultural Analysis (SB & C) (3)

WST 100: Women, Gender, and Society (SB & C) or WST 300: Women and Gender in Contemporary Society (SB & C) (3)

Electives (choose from the following) -- 12 credit hours

Courses used for Core Requirements cannot also be used to satisfy the Elective Requirements.

ENG 454: Gender and Literature (L or HU) (3)

HST 328: Women in U.S. History, 1880-1980 ((HU or SB) & C & H) (3)

WST 220: Gender, Media and Culture (HU & C) (3)

WST 300: Women and Gender in Contemporary Society (SB & C) (3)

WST 333: Critical Perspectives on Sexuality (SB & C) (3)

WST 341: Latin American Women Writers (3)

WST 370: Chronicling Women's Lives (HU & C) (3)

WST 376: Feminist Theory (H & C) (3)

WST 380: Race, Gender, and Class (SB & C) (3)

WST 390 / REL 390: Women, Gender and Religion (HU & G) (3)

WST 428: Gender, Madness and Justice (SB) (3)

WST 430: Gender on the Borderlands (SB & G) (3)

WST 433 / ETH 433: Race and Sexualities in Social Justice Movements (3)

WST 444: Gender, Health, and Bodies (SB) (3)

WST 449: Hate Speech, Manifestos, and Radical Writings (SB & C) (3)

WST 457: Women, Cultures, and Societies (SB & G) (3)

WST 469: Abject Bodies and the Politics of Trash (SB & C) (3)

WST 473: Indigenous and Latina/Chicana Representation (SB & C) (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

Students wishing to pursue this certificate should consult an academic advisor in the School of Humanities, Arts and Cultural Studies to ensure the appropriate set of courses is taken and the required paperwork is submitted.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded

prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Humanities, Arts, and Cultural Studies
<https://newcollege.asu.edu/women-and-gender-studies-certificate>
FAB N100
harc sadvising@asu.edu
602-543-3000

Women and Gender Studies Certificate (LAWSTCERT)

Campus: Tempe

Description:

The women and gender studies certificate program provides students with an intensive, liberal arts approach to topics such as gender inequality and feminism and how these interact with society today.

Because students have the opportunity to explore issues from multiple disciplines, the certificate is an interdisciplinary alternative to a minor. The program enables students to write well, think critically and analyze problems effectively.

The certificate is offered by the School of Social Transformation.

Program Requirements:

The women and gender studies certificate requires a minimum of 18 credit hours, of which at least 12 must be completed at the upper-division level. Each course must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher.

Required Course (choose one) -- 3 credit hours

WST 100: Women, Gender, and Society (SB & C) (3)

WST 300: Women and Gender in Contemporary Society (SB & C) (3)

Elective Core Course (choose one) -- 3 credit hours

WST 377: History of American Feminist Thought (H & C) (3)

WST 378: Global Feminist Theory (L & G) (3)

Electives -- 12 credit hours

WST Elective (3)

WST Upper Division Elective (9)

WST 100 and WST 300 cannot be used to fulfill the elective requirement.

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Liberal Arts & Sciences, The College of
School of Social Transformation
<https://sst.asu.edu/content/women-and-gender-studies-certificate>
WILSN 125
SSTadvising@asu.edu
480-965-7682

Working with Military Families Certificate (LAWWMFCERT)

Campus: Tempe

Description:

Important complexities surround the dynamics of military families. Military personnel, veterans and their families face unique issues and challenges such as navigating military culture and dealing with multiple deployments, war, combat, trauma and death. Students interested in careers focusing on these families have a need to understand normative family processes, stress and coping, and military culture and leadership.

Students enrolled in this program take a unique combination of academic coursework and military leadership training. Students who complete the certificate program are conversant with human development, marital and familial relationships, and family dynamics in the context of military culture.

Program Requirements:

The certificate requires 18 credit hours. At least 12 credit hours must be completed at the upper-division level and a grade of "C" (2.00 on a 4.00 scale) or higher is required in all courses.

Required Courses -- 15 credit hours

CDE 232: Human Development (SB) (3)

FAS 101: Personal Growth in Human Relationships (SB) (3)

FAS 331: Marriage and Family Relationships (SB) (3)

FAS 410: Military Family Systems in a Democracy (3)

MIS 301: Training Management and the Warfighting Functions (L) or AES 301: Air Force Leadership Studies I (L) (3-4)

Internship Requirement -- 3 credit hours

FAS 484: Internship (3)

Students are required to complete a capstone internship project that includes a field work experience, a written integrative paper and an oral presentation.

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

Students in related majors can apply for the certificate through the T. Denny Sanford School of Social and Family Dynamics. Admission is determined by the admission committee. A student must have a minimum GPA of 3.00 (scale is 4.00 = "A") in order to be considered for admission to the certificate program.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Liberal Arts & Sciences, The College of
Sanford School of Social and Family Dynamics

<https://thesanfordschool.asu.edu/>

SS 144

advisor@asu.edu

480-965-6978

Writing (Liberal Arts and Sciences) Certificate (LAENGCERT)

Campus: Tempe

ASU is no longer accepting new students to this program. Please explore Degree Search for other similar program options.

Description:

The writing certificate program provides advanced writing instruction for students in any major. Students in the program gain practical skills in effective communication and enhance their ability to create, structure and present information in a variety of contexts.

ASU's Department of English in The College of Liberal Arts and Sciences has an extensive internship program, with opportunities for placements in publishing, media and marketing, government, teaching English as a second language, nonprofits and film festivals. The Department of English also boasts top online programs, rigorous undergraduate research opportunities and options for cultural and community involvement.

Program Requirements:

Enrollment Requirements:

Application to the program requires a minimum GPA of 3.00 (scale is 4.00 = "A") in ENG 101 and ENG 102, ENG 105, or ENG 107 and ENG 108. Students must also have completed at least 30 credit hours of coursework. Students should contact the department for more information.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Liberal Arts & Sciences, The College of
Department of English
<https://english.asu.edu/node/254>
RBHL 170
englishadvising@asu.edu
480-965-3168

Writing (New College) Certificate (ASWRTCERT)

Campus: West

Description:

The certificate in writing offered by the New College of Interdisciplinary Arts and Sciences at the West campus is a valuable program for students in any discipline. The ability to communicate clearly, directly and effectively is a key to advancement in all careers. Certification of advanced writing skills opens the way to a vast array of opportunities, from journalism and publishing to public advocacy, military and government careers, elementary and secondary education, business management, economic development, law, nonprofits and high-tech industry.

The program offers five track options (creative writing, generalist, nonfiction writing, professional and technical writing, and publishing and editing) which can be tailored to students' individual interests and career goals. The program comprises intensive coursework that culminates in an exit portfolio, a collection of work that demonstrates the writing skills mastered by each student.

Program Requirements:

The writing certificate consists of 16 credit hours, 12 of which must be upper-division. Requirements include 15 credit hours of track courses from one track (chosen in consultation with the faculty certificate coordinator) and 1 credit hour of AMS 490 Writing Portfolio. Students must complete a minimum of six upper-division credit hours offered by the School of Humanities, Arts, and Cultural Studies and must complete a minimum of 12 credit hours at ASU. Six to nine credit hours may be shared between the certificate and major requirements upon approval. All courses used to satisfy the requirements for the certificate must be passed with a "B" (3.00 on a 4.00 scale) or better.

Track Requirements -- 15 credit hours

Complete 15 credit hours of courses from one track below, chosen in consultation with the faculty certificate coordinator. A minimum of 12 credit hours must be upper-division. (15)

Creative Writing Track

ENG 210: Introduction to Creative Writing (3)
ENG 217: Writing Reflective Essays (L) (3)
ENG 287: Beginning Creative Writing Workshop in Poetry (3)
ENG 288: Beginning Creative Writing Workshop in Fiction (3)
ENG 310: Intermediate Creative Writing (3)
ENG 317: Cross-Cultural Writing ((L or HU) & G) (3)
ENG 361: Scriptwriting (3)
ENG 387: Intermediate Creative Writing Workshop in Poetry: Form, Theory, and Practice (3)
ENG 388: Intermediate Creative Writing Workshop in Fiction: Form, Theory, and Practice (3)
ENG 394: Comedy Writing (3)
ENG 394: NaNoWriMo - National Novel Writing Month (1-3)
ENG 394: Professional Writing Workshop/Creative Nonfiction (1-3)
ENG 394: Professional Writing Workshop - Fiction (1-3)
ENG 394: Professional Writing Workshop - Poetry (1-3)
ENG 410: Writing for Publication (3)
ENG 494: Canyon Voices (3)
ENG 499: Individualized Instruction (3)

Generalist Track

ENG 205: Introduction to Writing, Rhetorics and Literacies (L) (3)
ENG 210: Introduction to Creative Writing (3)
ENG 216: Persuasive Writing on Public Issues (L) (3)
ENG 217: Writing Reflective Essays (L) (3)
ENG 287: Beginning Creative Writing Workshop in Poetry (3)
ENG 288: Beginning Creative Writing Workshop in Fiction (3)
ENG 301: Writing for the Professions (L) (3)
ENG 302: Business Writing (L) (3)
ENG 310: Intermediate Creative Writing (3)
ENG 311: Persuasive Writing (L) (3)
ENG 317: Cross-Cultural Writing ((L or HU) & G) (3)
ENG 323: Rhetoric and Grammar (L) (3)
ENG 361: Scriptwriting (3)
ENG 379: Travel Writing (L) (3)
ENG 387: Intermediate Creative Writing Workshop in Poetry: Form, Theory, and Practice (3)
ENG 388: Intermediate Creative Writing Workshop in Fiction: Form, Theory, and Practice (3)
ENG 394: Comedy Writing (3)
ENG 394: NaNoWriMo - National Novel Writing Month (1-3)
ENG 394: Professional Writing Workshop/Creative Nonfiction (1-3)
ENG 394: Professional Writing Workshop - Fiction (1-3)
ENG 394: Professional Writing Workshop - Poetry (1-3)
ENG 410: Writing for Publication (3)
ENG 494: Canyon Voices (3)
ENG 499: Individualized Instruction (3)

Nonfiction Writing Track

ENG 216: Persuasive Writing on Public Issues (L) (3)
ENG 217: Writing Reflective Essays (L) (3)
ENG 311: Persuasive Writing (L) (3)
ENG 317: Cross-Cultural Writing ((L or HU) & G) (3)
ENG 379: Travel Writing (L) (3)
ENG 394: NaNoWriMo - National Novel Writing Month (1-3)
ENG 394: Professional Writing Workshop/Creative Nonfiction (1-3)
ENG 394: Professional Writing Workshop - Fiction (1-3)
ENG 394: Professional Writing Workshop - Poetry (1-3)
ENG 410: Writing for Publication (3)
ENG 420 / IAS 420: Multicultural Autobiographies ((L or HU) & C) (3)
ENG 494: Canyon Voices (3)
ENG 499: Individualized Instruction (3)

Professional and Technical Writing Track

ENG 205: Introduction to Writing, Rhetorics and Literacies (L) (3)
ENG 216: Persuasive Writing on Public Issues (L) (3)
ENG 301: Writing for the Professions (L) (3)
ENG 311: Persuasive Writing (L) (3)
ENG 317: Cross-Cultural Writing ((L or HU) & G) (3)
ENG 323: Rhetoric and Grammar (L) (3)
ENG 394: NaNoWriMo - National Novel Writing Month (1-3)
ENG 394: Professional Writing Workshop/Creative Nonfiction (1-3)
ENG 394: Professional Writing Workshop - Fiction (1-3)
ENG 394: Professional Writing Workshop - Poetry (1-3)
ENG 410: Writing for Publication (3)
ENG 494: Canyon Voices (3)
ENG 499: Individualized Instruction (3)

Publishing and Editing Track

ENG 323: Rhetoric and Grammar (L) (3)
ENG 394: NaNoWriMo - National Novel Writing Month (1-3)
ENG 394: Professional Writing Workshop/Creative Nonfiction (1-3)
ENG 394: Professional Writing Workshop - Fiction (1-3)
ENG 394: Professional Writing Workshop - Poetry (1-3)
ENG 410: Writing for Publication (3)
ENG 494: Canyon Voices (3)
ENG 499: Individualized Instruction (3)

Writing Portfolio -- 1 credit hours

AMS 490: Writing Certificate Portfolio (1)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

The certificate in writing is open to all ASU undergraduate majors. To gain admission to the program, students must demonstrate fundamental writing skills through the completion of English composition. Students are required to submit an application, which includes at least three samples of writing from lower-division courses or independent writing projects. Applications must be submitted at least two months before the start of the semester they anticipate being admitted. Students wishing to pursue this certificate should consult an academic advisor in the School of Humanities, Arts and Cultural Studies to ensure the appropriate set of courses is taken and all required paperwork is submitted.

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

Contact Information:

Interdisciplinary Arts & Sciences, New College of

School of Humanities, Arts, and Cultural Studies

<https://newcollege.asu.edu/writing-new-college-certificate>

FAB N100

harcsadvising@asu.edu

602-543-3000

Undergraduate Programs

Undergraduate Degrees (Program Descriptions)

Business, W. P. Carey School of

Accountancy, BS (BAACCBS)

Campus: Tempe, West, Online

Program Description:

The School of Accountancy's undergraduate BS program in accountancy offers two tracks during the senior year.

The accounting track is followed by most students and is designed to provide a rich educational experience.

The accounting master's internship is the track designed for the most highly qualified students who wish to commit to the MACC or MTax program during the second semester of their junior year. The internship provides a particularly rich and individualized educational experience during the senior year. It includes a number of distinct advantages for students: a full-time paid internship for credit with a participating accountancy firm, early consideration for scholarships, and possible eligibility for a GMAT waiver and a graduate application fee waiver for the MACC or MTax program (eligibility is determined by the GPA at the time of application).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Accelerated Degree Options:

This program allows students to choose either a 2.5- or a 3-year path while participating in the same high-quality educational experience of a 4-year option. Students can opt to fast-track their studies after acceptance into a participating program by connecting with their academic advisor. Fast track options appear at the top of the major map.

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Taxation, MTax

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Freshmen admission requirements: 1230 SAT Reasoning OR 25 ACT score, OR graduated in the top 8% of high school class, OR an overall high school GPA of 3.40 in ASU competency courses (scale is 4.00 = "A").

Freshmen should select an additional major when applying for admission. Additional choices may include any of the W. P. Carey business BA programs or any other degree program outside W. P. Carey School of Business. Students who are not admissible to a W. P. Carey business BS major and who did not select a second major or are not admissible to their second major choice will be placed in a business BA program in W. P. Carey School of Business.

Readmission requirements: Students must meet freshman admission requirements by way of high school GPA, test score or class rank and must have a 3.00 transfer GPA (if applicable) and a cumulative ASU GPA of 3.00.

Transfer Admission Requirements:

Transfer admission requirements (30 or more semester hours of credit after high school): 3.00 transfer GPA and one of the following: 1160 (prior to March 2016) or 1230 SAT Reasoning (after March 2016) OR 25 ACT score OR the student must have graduated in the top 8% of their high school

class OR an overall high school GPA of 3.40 in ASU competency courses (scale is 4.00 = "A").

Transfer students should select an additional major when applying for admission. Additional choices may include any of the W. P. Carey business BA programs or any other business or other degree program outside W. P. Carey School of Business.

Students with fewer than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice are placed in the exploratory social and behavioral sciences program in the College of Integrative Sciences and Arts.

Students with more than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice are prompted in My ASU to select a new major.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/accounting-degree/>)

Change of Major Requirements:

Students should visit the following W. P. Carey website to determine if they meet change of major requirements:

<https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors> (<https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors>). Students ready to change their major should submit their request through W. P. Carey's Advising SOS website: <https://wpcarey.asu.edu/sos> (<https://wpcarey.asu.edu/sos>).

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BAACCBS-null + &college=CBA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

The major in accountancy includes the essential academic preparation for students who are:

- planning to pursue a graduate degree or attend law school
- pursuing professional careers in public, corporate and governmental accounting
- seeking positions in consulting or are planning to operate a business
- seeking positions in personal financial planning and portfolio analysis

The U.S. Bureau of Labor Statistics' Occupational Outlook Handbook (2018) states, "Employment of accountants and auditors is projected to grow 10 percent from 2016 to 2026, faster than the average for all occupations."

Contact Information:

Business, W. P. Carey School of

School of Accountancy

<https://wpcarey.asu.edu/undergraduate-degrees/accounting>

BA 223Q

wpcareyacc@asu.edu

480-965-3631

Business, BA (BABUSBA)

Campus: Polytechnic, Tempe, West

Program Description:

The BA in business provides an innovative, transdisciplinary approach to learning, which broadens career options upon graduation. Not only do students acquire a strong grounding in the principles of business, they also immerse themselves in coursework outside the business school, supplementing the business degree.

Students in the program learn how to apply core business knowledge in one of the following disciplines:

- agribusiness (global agribusiness)

- business administration
- communication
- corporate accounting
- food industry management
- global leadership
- global logistics management
- global politics
- health care
- human resources
- information security
- law
- language and cultures
- public service and public policy
- retail management
- sports and media studies
- statistics
- sustainability
- technology
- tourism

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Freshman admission requirements for this program are the same as the university's freshman admission requirements.

Readmission requirements: Students must have a 3.00 transfer GPA (if applicable) and a 3.00 cumulative ASU GPA.

Transfer Admission Requirements:

Transfer applicants must have a 3.00 GPA for all transfer work and meet university transfer admission requirements. Transfer students should select an additional major, which must be outside W. P. Carey School of Business, when applying for admission.

Students with fewer than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice will be placed in the exploratory social and behavioral sciences program in the College of Integrative Sciences and Arts.

Students with more than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice will be prompted in My ASU to select a new major.

Change of Major Requirements:

Students cannot change their major to this degree program. Students should visit Advising SOS, <https://wpcarey.asu.edu/sos> (<https://wpcarey.asu.edu/sos>), to declare a W. P. Carey business concentration.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BABUSBA~null + &college=CBA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about

these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Students in this bachelor's degree program graduate from one of many concentrations in the W. P. Carey School of Business, and they should see those concentrations for career opportunities.

Contact Information:

Business, W. P. Carey School of
Dean, W.P. Carey School of Business
<https://wpcarey.asu.edu/undergraduate-degrees>
BA 160
wpcareyug@asu.edu
480-965-4227

Business (Business Administration), BA (BABUSBABA)

Campus: Polytechnic, West, ASU@Lake Havasu, Online

Program Description:

In the BA program in business with a concentration in business administration, students gain a breadth of knowledge and the skills needed for managing business operations. The program provides the full business core plus a concentration with 18 hours of coursework focused on skills such as forecasting demand, planning inventory, purchasing services, conducting skillful negotiations, building strategies for the future, and managing people, finances and risk.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Global Management (Creative Industries and Design Thinking), MGM
- Global Management (Digital Audience Strategy), MGM
- Global Management (Global Affairs), MGM
- Global Management (Global Business), MGM
- Global Management (Global Development and Innovation), MGM
- Global Management (Global Digital Transformation), MGM
- Global Management (Global Entrepreneurship), MGM
- Global Management (Global Health Care Delivery), MGM
- Global Management (Global Legal Studies), MGM
- Global Management (Integrated Health Care), MGM
- Global Management (Nonprofit Leadership and Management), MGM
- Global Management (Public Administration), MGM
- Global Management (Public Policy), MGM
- Global Management (Sustainability Solutions), MGM
- Global Management (Sustainable Tourism), MGM
- Global Management, MGM

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Freshman admission requirements for this program are the same as the university's freshman admission requirements.

Readmission requirements: Students must have a 3.00 transfer GPA (if applicable) and a 3.00 cumulative ASU GPA.

Transfer Admission Requirements:

Transfer applicants must have a 3.00 GPA for all transfer work and meet university transfer admission requirements. Transfer students should select an additional major, which must be outside the W. P. Carey School of Business, when applying for admission.

Students with fewer than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice are placed in the Exploratory Social and Behavioral Sciences program in the College of Integrative Sciences and Arts.

Students with more than 45 transfer hours who are not admissible to the W. P. Carey School of Business will be contacted to select an appropriate major.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-business-concentration-business/>)

Change of Major Requirements:

Students should visit the following W. P. Carey website, <https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors> (<https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors>), to determine if they meet change of major requirements. Students ready to change their major should submit their request through Advising SOS: <http://wpcarey.asu.edu/sos> (<http://wpcarey.asu.edu/sos>).

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BABUSBABA~null + &college=CBA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates of the bachelor's degree program in business with a concentration in business administration are prepared to work in a wide range of industries with a broad skill set in managing processes and people. Several anticipated career opportunities are shown below for those who complete the concentration in business administration. Career opportunities include:

- administrative services manager
- business manager
- general and operations management
- sales manager
- training and development manager

Contact Information:

Business, W. P. Carey School of
Dean, W.P. Carey School of Business
<https://wpcarey.asu.edu/undergraduate-degrees>
BA 160
wpcareyug@asu.edu
480-965-4227

Business (Chinese Language and Culture), BA (BABUSCLBA)

Campus: Tempe

ASU is no longer accepting new students to this program. Students interested in pursuing a Chinese language track should apply to the language and culture concentration (<https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/BABSLACUBA/undergrad/false>) of the BA in business.

Program Description:

The mission of the concentration in Chinese language and culture within the BA in business degree program is to create global business professionals who can function well culturally and linguistically in the business environment in China and domestically. As China becomes an increasingly important participant in the global economy and as the manufacturing and financial sectors become more globalized, the need for business professionals skilled in communicating in the Chinese language is growing.

With a network of 26 flagship programs at 22 institutions of higher education across the U.S., the language flagship program graduates students prepared to take their place among the next generation of global professionals, commanding a superior level of proficiency in languages critical to U.S. national security and economic competitiveness. This program prepares participants to function professionally in Chinese within diverse business fields.

Additional Program Fee: Y

Second Language Requirement: Yes

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Freshman admission requirements for this program are the same as the university's freshman admission requirements.

Readmission requirements: Students must have a 3.00 transfer GPA (if applicable) and a 3.00 cumulative ASU GPA.

Transfer Admission Requirements:

Transfer applicants must have a 3.00 GPA for all transfer work and meet university transfer admission requirements. Transfer students should select an additional major, which must be outside W. P. Carey School of Business, when applying for admission.

Students with fewer than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice are placed in the exploratory social and behavioral sciences program in the College of Integrative Sciences and Arts.

Students with more than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice are prompted in My ASU to select a new major.

Change of Major Requirements:

Students should visit the following W. P. Carey website, <https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors> (<https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors>) to determine if they meet change of major requirements. Students ready to change their major should submit their request through Advising SOS: <http://wpcarey.asu.edu/sos> (<http://wpcarey.asu.edu/sos>).

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BABUSCLBA~null + &college=CBA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

This degree program provides students with the fundamental business skills, linguistic training, critical thinking and intercultural competencies required to work in the increasingly globalized world markets that now rely on trade and commerce with China. Graduates of this program are equipped to play a key role in companies and organizations seeking out new markets or dealing with international interests in the U.S. and are suited to the demands of small-business enterprises as well as multinational companies. Currently, there are demands for Mandarin-speaking business professionals in the hotel and tourism industry and in the consulting, banking and finance, international trade, sports management and media fields.

Contact Information:

Business, W. P. Carey School of
Dean, W.P. Carey School of Business
<https://students.wpcarey.asu.edu/chinese-language-and-culture-advising>
BA 160
wpcareyug@asu.edu
480-965-4227

Business (Communication), BA (BABUSCBA)

Campus: Polytechnic, Tempe, West, ASU@Lake Havasu, Online

Program Description:

The BA in business with a concentration in communication is an innovative, transdisciplinary program that prepares students for positions in a variety of professions in which business and communication play an important role in ensuring success. Students in this program complete rigorous courses within the communication concentration in addition to the skill and core courses required of all W. P. Carey School of Business majors. Graduates have specific knowledge of business practices and the capacity to effectively communicate complex business information.

Additional Program Fee: Y**Second Language Requirement:** N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Accelerated Degree Options:

This program allows students to choose either a 2.5- or a 3-year path while participating in the same high-quality educational experience of a 4-year option. Students can opt to fast-track their studies after acceptance into a participating program by connecting with their academic advisor. Fast track options appear at the top of the major map.

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Global Management (Creative Industries and Design Thinking), MGM
- Global Management (Digital Audience Strategy), MGM
- Global Management (Global Affairs), MGM
- Global Management (Global Business), MGM
- Global Management (Global Development and Innovation), MGM
- Global Management (Global Digital Transformation), MGM
- Global Management (Global Entrepreneurship), MGM
- Global Management (Global Health Care Delivery), MGM
- Global Management (Global Legal Studies), MGM
- Global Management (Integrated Health Care), MGM
- Global Management (Nonprofit Leadership and Management), MGM
- Global Management (Public Administration), MGM
- Global Management (Public Policy), MGM
- Global Management (Sustainability Solutions), MGM
- Global Management (Sustainable Tourism), MGM
- Global Management, MGM

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Freshman admission requirements for this program are the same as the university's freshman admission requirements.

Readmission requirements: Students must have a 3.00 transfer GPA (if applicable) and a 3.00 cumulative ASU GPA.
Academic Catalog Archive 2020-2021

Transfer Admission Requirements:

Transfer applicants must have a 3.00 GPA for all transfer work and meet university transfer admission requirements. Transfer students should select an additional major, which must be outside W. P. Carey School of Business, when applying for admission.

Students with fewer than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice will be placed in the exploratory social and behavioral sciences program in the College of Integrative Sciences and Arts.

Students with more than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice will be prompted in My ASU to select a new major.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-business-concentration-communication/>)

Change of Major Requirements:

Students should visit the following W. P. Carey website, <https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors> (<https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors>), to determine if they meet change of major requirements. Students ready to change their major should submit their request through Advising SOS: <http://wpcarey.asu.edu/sos> (<http://wpcarey.asu.edu/sos>).

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BABUSCBA~null + &college=CBA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Business communication has exploded as a distinct professional field as companies require rapid and considered responses, from conveying ordinary information to crisis communications. Historically, these positions have been staffed with people trained in communication, English, journalism or other fields but who lack specific business knowledge. Graduates of this program are qualified to enter these positions with knowledge that will be immediately useful to potential employers while advancing their careers.

Contact Information:

Business, W. P. Carey School of
Dean, W.P. Carey School of Business
<https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/communication>
BA 160
wpcareyug@asu.edu
480-965-4227

Business (Corporate Accounting), BA (BABUSCABA)

Campus: Online

Program Description:

The BA in business with a concentration in corporate accounting addresses the educational needs of many students who have an interest in accounting but no plans to enter public accounting.

The emphasis of this program is managerial accounting. The six major courses in the concentration prepare students for corporate accounting positions by helping students develop skills in strategic financial planning, control, corporate compliance and decision-making. Upon completion of the program, students may take the Certified Management Accountant exam.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Freshman admission requirements for this program are the same as the university's freshman admission requirements.

This program is not available to students with BA, BS or MS degrees in accountancy.

Readmission requirements: Students must have a 3.00 transfer GPA (if applicable) and a 3.00 cumulative ASU GPA.

Transfer Admission Requirements:

Transfer applicants must have a 3.00 GPA for all transfer work and meet university transfer admission requirements. Transfer students should select an additional major, which must be outside the W. P. Carey School of Business, when applying for admission.

Students with fewer than 45 transfer credit hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice will be placed in the Exploratory Social and Behavioral Sciences program in the College of Integrative Sciences and Arts.

Students with more than 45 transfer credit hours who are not admissible to the College of Integrative Sciences and Arts will be contacted to select an appropriate major.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-business-corporate-accounting/>)

Change of Major Requirements:

Students should visit the following W. P. Carey website, <https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors> (<https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors>), to determine if they meet change of major requirements. Students ready to change their major should submit their request through Advising SOS: <https://wpcarey.asu.edu/sos> (<https://wpcarey.asu.edu/sos>). This program is not available to students who already hold a BA, BS or MS degree in accountancy.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BABUSCABA~null + &college=CBA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Career opportunities are generally substantive and in high demand. Senior management roles for corporate accountants include chief financial officer positions. Currently, more than half the CFOs at larger corporations have formal accounting training. Projecting into the future, the longer term trend is for CFOs to have extensive corporate accounting training, particularly since CFOs at public U.S. corporations personally sign the financial statements.

Typical early- to mid-career positions held by corporate accountants include controllers, treasurers and vice presidents in areas like financial planning, divisional controlling, cost accounting directing, senior financial analysis and senior accounting. These positions typically report to the

CFO.

Contact Information:

Business, W. P. Carey School of
Dean, W.P. Carey School of Business
<https://wpcarey.asu.edu/undergraduate-degrees>
BA 160
wpcareyug@asu.edu
480-965-4227

Business (Financial Planning), BA (BABUSFPBA)

Campus: Tempe, Online

Program Description:

As the population ages and life expectancies rise, demand for financial planning services will increase. The BA program in business with a concentration in financial planning provides students with knowledge and experience in personal financial planning so upon graduation they can secure employment in the growing field of financial services and planning. This program will deliver to the next generation of financial planning professionals the knowledge and skills to develop solutions for their clients' personal financial needs.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Freshman admission requirements for this program are the same as the university's freshman admission requirements.

Readmission requirements: must have a 3.00 transfer GPA (if applicable) and a 3.00 cumulative ASU GPA.

Transfer Admission Requirements:

Transfer applicants must have a 3.00 GPA for all transfer work and meet university transfer admission requirements. Transfer students should select an additional major, which must be outside the W. P. Carey School of Business, when applying for admission.

Students with fewer than 45 transfer credit hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice will be placed in an exploratory program.

Students with more than 45 transfer credit hours who are not admissible to an exploratory program will be contacted to select an appropriate major.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/financial-planning-business/>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BABUSFPBA~null + &college=CBA>) to outline a list of recommended courses to take prior to transfer.

include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Aging populations are paying closer attention to their finances as they approach retirement. The rising need for financial planning services and advisors translate into huge opportunities for careers in this growing market. Employment of personal financial advisors is projected to grow 15% from 2016 to 2026, much faster than the average for all occupations.

Contact Information:

Business, W. P. Carey School of
Dean, W.P. Carey School of Business
<https://wpcarey.asu.edu/undergraduate-degrees/programs>
BAC 316
wpcareyfin@asu.edu
480-965-3131

Business (Food Industry Management), BA (BABUSFIMBA)

Campus: Polytechnic, Online

Program Description:

The BA in business with a concentration in food industry management provides students the knowledge and skills needed for leadership roles in the global food industry. The program has been developed in close coordination with partners in the food industry and provides the full business core plus 21 credit hours of food industry coursework.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Global Management (Creative Industries and Design Thinking), MGM
- Global Management (Data Science), MGM
- Global Management (Digital Audience Strategy), MGM
- Global Management (Global Affairs), MGM
- Global Management (Global Business), MGM
- Global Management (Global Development and Innovation), MGM
- Global Management (Global Digital Transformation), MGM
- Global Management (Global Entrepreneurship), MGM
- Global Management (Global Health Care Delivery), MGM
- Global Management (Global Legal Studies), MGM
- Global Management (Integrated Health Care), MGM
- Global Management (Nonprofit Leadership and Management), MGM
- Global Management (Public Administration), MGM
- Global Management (Public Policy), MGM
- Global Management (Sustainability Solutions), MGM
- Global Management (Sustainable Tourism), MGM
- Global Management, MGM

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Freshman admission requirements for this program are the same as the university's freshman admission requirements.

Readmission requirements: Students must have a 3.00 transfer GPA (if applicable) and a 3.00 cumulative ASU GPA.

Transfer Admission Requirements:

Transfer applicants must have a 3.00 GPA for all transfer work and meet university transfer admission requirements. Transfer students should select an additional major, which must be outside W. P. Carey School of Business, when applying for admission.

Students with fewer than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice will be placed in the exploratory social and behavioral sciences program in the College of Integrative Sciences and Arts.

Students with more than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice will be prompted in My ASU to select a new major.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-food-industry-management/>)

Change of Major Requirements:

Students should visit the following W. P. Carey website (<https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors>) (<https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors>) to determine if they meet change of major requirements. Students ready to change their major should submit their request through Advising SOS at <https://wpcarey.asu.edu/sos> (<https://wpcarey.asu.edu/sos>).

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BABUSFIMBA~null + &college=CBA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

This concentration in food industry management prepares students for business careers in the food industry, which is defined as the group of firms and organizations involved with manufacturing, marketing and distributing food beyond the farm to retail stores, restaurants and institutions such as schools and hospitals. The industry is becoming increasingly competitive, sophisticated and global, and it shows a growing demand for professional management as one in six people are employed in the food industry nationwide, with 100,000 in Arizona.

Contact Information:

Business, W. P. Carey School of
Morrison School of Agribusiness
<https://wpcarey.asu.edu/undergraduate-degrees>
SANTN 230
wpcareyug@asu.edu
480-727-5183

Business (Global Agribusiness), BA (BABUSGAGBA)

Campus: Polytechnic

Program Description:

The agribusiness industry is increasingly competitive, sophisticated and global, driving demand for innovative leaders who understand the industry's unique challenges and practices. The BA in business with a concentration in global agribusiness teaches students the business of agricultural production, finance, marketing and distribution.

Through a technology-rich, applied, industry-oriented curriculum that focuses on real-world projects, students explore global agribusiness issues such as international trade, food safety and sustainability. It is specifically designed to meet the needs of students interested in studying the

business aspects of agriculture in the domestic and global economy. Students learn to analyze and manage issues involved in food manufacturing, input and output supply activities, commodity trading and food distribution.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Environmental and Resource Management, MS
- Global Management (Creative Industries and Design Thinking), MGM
- Global Management (Data Science), MGM
- Global Management (Digital Audience Strategy), MGM
- Global Management (Global Affairs), MGM
- Global Management (Global Business), MGM
- Global Management (Global Development and Innovation), MGM
- Global Management (Global Digital Transformation), MGM
- Global Management (Global Entrepreneurship), MGM
- Global Management (Global Health Care Delivery), MGM
- Global Management (Global Legal Studies), MGM
- Global Management (Integrated Health Care), MGM
- Global Management (Nonprofit Leadership and Management), MGM
- Global Management (Public Administration), MGM
- Global Management (Public Policy), MGM
- Global Management (Sustainability Solutions), MGM
- Global Management (Sustainable Tourism), MGM
- Global Management, MGM

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Freshman admission requirements for this program are the same as the university's freshman admission requirements.

Readmission requirements: Students must have a 3.00 transfer GPA (if applicable) and a 3.00 cumulative ASU GPA.

Transfer Admission Requirements:

Transfer applicants must have a 3.00 GPA for all transfer work and meet university transfer admission requirements. Transfer students should select an additional major, which must be outside W. P. Carey School of Business, when applying for admission.

Students with fewer than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice will be placed in the exploratory social and behavioral sciences program in the College of Integrative Sciences and Arts.

Students with more than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice will be prompted in My ASU to select a new major.

Change of Major Requirements:

Students should refer to the following W. P. Carey website to determine if they meet change of major requirements:

<https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors> (<https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors>). Students ready to change their major should submit their request through W. P. Carey's Advising SOS: <https://wpcarey.asu.edu/sos> (<https://wpcarey.asu.edu/sos>).

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BABUSGAGBA-null + &college=CBA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Accounting for more than 50% of the global economy and employing 25% of Americans, agribusiness brings food from the farm to the global table. Possible career paths include positions with private agribusiness firms and governmental agencies in these fields:

- finance
- management
- marketing
- technology

Contact Information:

Business, W. P. Carey School of
Morrison School of Agribusiness
<https://wpcarey.asu.edu/undergraduate-degrees>
SANTN 230
wpcareyug@asu.edu
480-727-5183

Business (Global Leadership), BA (BABUSGBA)

Campus: Online

Program Description:

The BA program in business with a concentration in global leadership prepares students for careers in the global business environment by developing strong business skills through global studies courses from a variety of regions around the world. Students also may choose to participate in an international study experience in a variety of countries around the globe.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Freshman admission requirements for this program are the same as the university's freshman admission requirements.

Readmission requirements: Students must have a 3.00 transfer GPA (if applicable) and a 3.00 cumulative ASU GPA.

Transfer Admission Requirements:

Transfer applicants must have a 3.00 GPA for all transfer work and meet university transfer admission requirements. Transfer students should select an additional major, which must be outside W. P. Carey School of Business, when applying for admission.

Students with fewer than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice will be placed in the exploratory social and behavioral sciences program in the College of Integrative Sciences and Arts.

Students with more than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice will be prompted in My ASU to select a new major.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-business-global-leadership/>)

Change of Major Requirements:

Students should refer to the following W. P. Carey website to determine if they meet change of major requirements: <https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors> (<https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors>). Students ready to change their major should submit their request through W. P. Carey's Advising SOS: <http://wpcarey.asu.edu/sos> (<http://wpcarey.asu.edu/sos>).

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BABUSGBA-null + &college=CBA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

A degree that incorporates solid business skills and global studies helps prepare students for employment in the global business world. Opportunities exist for qualified students to work either domestically or internationally in an international organization. This degree program augments business and leadership skills necessary in most corporations.

Contact Information:

Business, W. P. Carey School of
Dean, W.P. Carey School of Business
<https://wpcarey.asu.edu/undergraduate-degrees>
BA 160
wpcareyug@asu.edu
480-965-4227

Business (Global Logistics Management), BA (BABUSGLBA)

Campus: West, Online

Program Description:

Logistics management focuses on integration and partnerships necessary to meet customer needs on a timely basis, with relevant and high-quality products produced and delivered in a service-effective manner.

This BA program in business with a concentration in global logistics management trains students to be strategic thinkers, excellent analysts, effective communicators and team leaders who are focused on efficiency, effectiveness and increasing revenue.

An efficient logistics management system is critical to the success of global corporations, making sure the supply of goods and services flowing through the system closely matches the demand. Logistics management professionals manage, coordinate and transport products from raw materials to the finished goods sitting on a local store shelf or offered by an online retailer. Efficient logistics is a key reason consumers can buy an ever-increasing variety of goods and services at remarkably low prices. Not surprisingly, logistics also plays a major role in the health care industry where efficient, effective delivery systems are gaining significant traction.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Concurrent Degrees:

This degree is also offered as concurrent degree program with International Trade, BS

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Global Management (Creative Industries and Design Thinking), MGM
- Global Management (Digital Audience Strategy), MGM
- Global Management (Global Affairs), MGM
- Global Management (Global Business), MGM
- Global Management (Global Development and Innovation), MGM
- Global Management (Global Digital Transformation), MGM
- Global Management (Global Entrepreneurship), MGM
- Global Management (Global Health Care Delivery), MGM
- Global Management (Global Legal Studies), MGM
- Global Management (Integrated Health Care), MGM
- Global Management (Nonprofit Leadership and Management), MGM
- Global Management (Public Administration), MGM
- Global Management (Public Policy), MGM
- Global Management (Sustainability Solutions), MGM
- Global Management (Sustainable Tourism), MGM
- Global Management, MGM

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Freshman admission requirements for this program are the same as the university's freshman admission requirements.

Readmission requirements: Students must have a 3.00 transfer GPA (if applicable) and a 3.00 cumulative ASU GPA.

Concurrent degree admission requirements:

Students interested in the international trade and business (global logistics management) program must meet general university admission requirements.

Transfer Admission Requirements:

Transfer applicants must have a 3.00 GPA for all transfer work and meet university transfer admission requirements. Transfer students should select an additional major, which must be outside W. P. Carey School of Business, when applying for admission.

Transfer students must have a 3.00 cumulative transfer GPA and a 3.00 cumulative ASU GPA (if applicable) in addition to meeting the general admission requirements in order to be admitted to this program. If the student does not meet the admission requirements for the concurrent program, they will be placed in the BS in international trade.

Students with fewer than 45 transfer credit hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice are placed in the exploratory social and behavioral sciences program in the College of Integrative Sciences and Arts.

Students with more than 45 transfer credit hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice are prompted in My ASU to select a new major.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-business-global-logistics-management/>)

Change of Major Requirements:

Students should refer to the following W. P. Carey website to determine if they meet change of major requirements:

<https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors> (<https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors>). Students ready to change their major should submit their request through W. P. Carey's Advising SOS: <http://wpcarey.asu.edu/sos> (<http://wpcarey.asu.edu/sos>).

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transferecreditguide/app/transfermap?major=BABUSGLBA~null + &college=CBA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Logistics management professionals hold a range of job titles and engage in a wide variety of activities in the private, nonprofit and governmental sectors. Apple and Walmart CEOs previously held logistics-related positions at those organizations. This demonstrates the high value of leaders who understand the importance of logistics for enterprise success.

Contact Information:

Business, W. P. Carey School of
Department of Supply Chain Management
<https://wpcarey.asu.edu/undergraduate-degrees>
FAB N106
wpcareyug@asu.edu
480-965-6044

Business (Global Politics), BA (BABUSGPBA)

Campus: Tempe

Program Description:

The BA program in business with a concentration in global politics incorporates solid business skills and global understanding in order to prepare students to realize and analyze the relationship between business and social science. Students in this program complete the rigorous courses within the global politics concentration in addition to the skill and core courses required of all W. P. Carey School of Business majors.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Global Management (Creative Industries and Design Thinking), MGM
- Global Management (Digital Audience Strategy), MGM
- Global Management (Global Affairs), MGM
- Global Management (Global Business), MGM
- Global Management (Global Development and Innovation), MGM
- Global Management (Global Digital Transformation), MGM
- Global Management (Global Entrepreneurship), MGM
- Global Management (Global Health Care Delivery), MGM
- Global Management (Global Legal Studies), MGM
- Global Management (Integrated Health Care), MGM
- Global Management (Nonprofit Leadership and Management), MGM
- Global Management (Public Administration), MGM
- Global Management (Public Policy), MGM
- Global Management (Sustainability Solutions), MGM
- Global Management (Sustainable Tourism), MGM

Global Management, MGM

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Freshman admission requirements for this program are the same as the university's freshman admission requirements.

Readmission requirements: Students must have a 3.00 transfer GPA (if applicable) and a 3.00 cumulative ASU GPA.

Transfer Admission Requirements:

Transfer applicants must have a 3.00 GPA for all transfer work and meet university transfer admission requirements. Transfer students should select an additional major, which must be outside W. P. Carey School of Business, when applying for admission.

Students with fewer than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice will be placed in the exploratory social and behavioral sciences program in the College of Integrative Sciences and Arts.

Students with more than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice will be prompted in My ASU to select a new major.

Change of Major Requirements:

Students should refer to the following W. P. Carey website to determine if they meet change of major requirements:

<https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors> (<https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors>). Students ready to change their major should submit their request through W. P. Carey's Advising SOS: <http://wpcarey.asu.edu/sos> (<http://wpcarey.asu.edu/sos>).

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BABUSGPBA~null + &college=CBA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Students completing the global politics concentration think critically about global problems and integrate inquiry and action in order to become responsible leaders. These students are prepared to successfully launch careers in many fields including:

- campaign and issue management
- information analysis
- public relations

Contact Information:

Business, W. P. Carey School of

Dean, W.P. Carey School of Business

<https://wpcarey.asu.edu/undergraduate-degrees>

BA 160

wpcareyug@asu.edu

Business (Health Care), BA (BABUSHCBA)

Campus: West

Program Description:

The BA program in business with a concentration in health care prepares students to operate within the challenging and dynamic health care industry by helping them develop skills and acquire knowledge through one of its five specialized tracks --- health care analytics, communication, coordination, innovation and delivery.

Students graduating from the program go on to pursue careers in health care management and leadership by developing an ability to understand different stakeholders in these often-complex environments.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Global Management (Creative Industries and Design Thinking), MGM
- Global Management (Digital Audience Strategy), MGM
- Global Management (Global Affairs), MGM
- Global Management (Global Business), MGM
- Global Management (Global Development and Innovation), MGM
- Global Management (Global Digital Transformation), MGM
- Global Management (Global Entrepreneurship), MGM
- Global Management (Global Health Care Delivery), MGM
- Global Management (Global Legal Studies), MGM
- Global Management (Integrated Health Care), MGM
- Global Management (Nonprofit Leadership and Management), MGM
- Global Management (Public Administration), MGM
- Global Management (Public Policy), MGM
- Global Management (Sustainability Solutions), MGM
- Global Management (Sustainable Tourism), MGM
- Global Management, MGM

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Freshman admission requirements for this program are the same as the university's freshman admission requirements.

Readmission requirements: must have a 3.00 transfer GPA (if applicable) and a 3.00 cumulative ASU GPA.

Transfer Admission Requirements:

Transfer applicants must have a 3.00 GPA for all transfer coursework and meet university transfer admission requirements. Transfer students should select an additional major, which must be outside the W. P. Carey School of Business, when applying for admission.

Students with fewer than 45 transfer credit hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice are placed in the exploratory social and behavioral sciences program in the College of Integrative Sciences and Arts.

Students with more than 45 transfer credit hours who are not admissible to the College of Integrative Sciences and Arts are contacted to select an appropriate major.

Change of Major Requirements:

Students should refer to the following W. P. Carey website to determine if they meet change of major requirements:

<https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors> (<https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors>). Students ready to change their major should submit their request through W. P. Carey's Advising SOS: <http://wpcarey.asu.edu/sos> (<http://wpcarey.asu.edu/sos>).

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BABUSHCBA~null + &college=CBA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

This program provides students with core business skills such as computer information systems, accounting, basic economic theory, finance, management, marketing and supply chain management as well as in-depth knowledge in relation to the business of health care. Graduates are prepared for careers in the public or private health care setting related to health care management, administration, access, analytics and policy setting.

Contact Information:

Business, W. P. Carey School of

Dean, W.P. Carey School of Business

<https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/business-health-care>

FAB N106

wpcareyug@asu.edu

602-543-6200

Business (Human Resources), BA (BABUSHRBA)

Campus: Polytechnic

Program Description:

The BA in business with a concentration in human resources incorporates solid business and human resource skills. The program involves both theoretical and applied concepts with a focus on practical and applied aspects of human resources. This degree is applicable to any business or governmental organization, as all have a need to manage their personnel services.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Freshman admission requirements for this program are the same as the university's freshman admission requirements.

Readmission requirements: Students must have a 3.00 transfer GPA (if applicable) and a 3.00 cumulative ASU GPA.

Transfer Admission Requirements:

Transfer applicants must have a 3.00 GPA for all transfer work and meet university transfer admission requirements. Transfer students should select an additional major, which must be outside W. P. Carey School of Business, when applying for admission.

Students with fewer than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice will be placed in the exploratory social and behavioral sciences program in the College of Integrative Sciences and Arts.

Students with more than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice will be prompted in My ASU to select a new major.

Change of Major Requirements:

Students should refer to the following W. P. Carey website to determine if they meet change of major requirements:

<https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors> (<https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors>). Students ready to change their major should submit their request through W. P. Carey's Advising SOS: <http://wpcarey.asu.edu/sos> (<http://wpcarey.asu.edu/sos>).

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transferecreditguide/app/transfermap?major=BABUSHRBA-null + &college=CBA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

The bachelor's degree in business with a concentration in human resources has been designed to provide students with a comprehensive skill set that allows them to move into any business, industry or governmental organization and have the knowledge, skills and abilities to perform necessary human resource tasks.

There is growing demand for human resources professionals to handle issues like corporate social responsibility and ethics, sustainability, workplace diversity and inclusion, and labor relations.

Contact Information:

Business, W. P. Carey School of
Department of Management and Entrepreneurship
<https://wpcarey.asu.edu/undergraduate-degrees>
SANTN 230
wpcareyug@asu.edu
480-727-5183

Business (Information Security), BA (BABUSISBA)

Campus: West, Online

Program Description:

Data security has become an everyday part of business operations. Protecting key stakeholders and clients is an essential aspect for businesses of all sizes and types. The BA degree program in business with a concentration in information security provides students with core business skills as well as the basic critical and technical skills necessary to understand cyber threats, security and prevention in the business setting.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus/MAT 211 Mathematics for Business Analysis

Program Math Intensity: Moderate

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Global Management (Creative Industries and Design Thinking), MGM
- Global Management (Digital Audience Strategy), MGM
- Global Management (Global Affairs), MGM
- Global Management (Global Business), MGM
- Global Management (Global Development and Innovation), MGM
- Global Management (Global Digital Transformation), MGM
- Global Management (Global Entrepreneurship), MGM
- Global Management (Global Health Care Delivery), MGM
- Global Management (Global Legal Studies), MGM
- Global Management (Integrated Health Care), MGM
- Global Management (Nonprofit Leadership and Management), MGM
- Global Management (Public Administration), MGM
- Global Management (Public Policy), MGM
- Global Management (Sustainability Solutions), MGM
- Global Management (Sustainable Tourism), MGM
- Global Management, MGM

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Freshman admission requirements for this program are the same as the university's freshman admission requirements.

Readmission requirements: Students must have a 3.00 transfer GPA (if applicable) and a 3.00 cumulative ASU GPA.

Transfer Admission Requirements:

Transfer applicants must have a 3.00 GPA for all transfer work and must meet university transfer admission requirements. Transfer students should select an additional major, which must be outside the W. P. Carey School of Business, when applying for admission.

Students with fewer than 45 transfer credit hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice are placed in the exploratory social and behavioral sciences program in the College of Integrative Sciences and Arts.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/information-security-business-degree/>)

Change of Major Requirements:

Students should refer to the following W. P. Carey website to determine if they meet change of major requirements:

<https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors> (<https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors>). Students ready to change their major should submit their request through W. P. Carey's Advising SOS: <http://wpcarey.asu.edu/sos> (<http://wpcarey.asu.edu/sos>).

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BABUSISBA-null + &college=CBA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about

these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

This is an ideal degree for students interested in anything from small-business startups to the management of large cybersecurity companies. The degree program prepares those who are interested in managing digital business, working in organizations that predominantly conduct business online and developing basic information security technical competency relevant for most organizations.

Contact Information:

Business, W. P. Carey School of
Dean, W.P. Carey School of Business
<https://wpcarey.asu.edu/undergraduate-degrees/admission-requirements>
FAB N101
wpcadmissions@asu.edu
602-543-6200

Business (Language and Culture), BA (BABSLACUBA)

Campus: Tempe, West

Program Description:

The BA in business with a concentration in language and culture is an innovative, transdisciplinary program intended to prepare students for positions in a variety of professions in which business and communication play an important role in ensuring success. The program mission is to create business professionals who can function well culturally and linguistically in the business environments of both international and domestic markets. Students complete rigorous courses within Chinese, French, Italian or Spanish languages in addition to the skill and core courses required of all W. P. Carey School of Business students.

Additional Program Fee: Y

Second Language Requirement: Y

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Global Management (Creative Industries and Design Thinking), MGM
- Global Management (Data Science), MGM
- Global Management (Digital Audience Strategy), MGM
- Global Management (Global Affairs), MGM
- Global Management (Global Business), MGM
- Global Management (Global Development and Innovation), MGM
- Global Management (Global Digital Transformation), MGM
- Global Management (Global Entrepreneurship), MGM
- Global Management (Global Health Care Delivery), MGM
- Global Management (Global Legal Studies), MGM
- Global Management (Integrated Health Care), MGM
- Global Management (Nonprofit Leadership and Management), MGM
- Global Management (Public Administration), MGM
- Global Management (Public Policy), MGM
- Global Management (Sustainability Solutions), MGM
- Global Management (Sustainable Tourism), MGM
- Global Management, MGM

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Freshman admission requirements for this program are the same as the university's freshman admission requirements.

Readmission requirements: students must have a 3.00 transfer GPA (if applicable) and a 3.00 cumulative ASU GPA

Transfer Admission Requirements:

Transfer applicants must have a 3.00 GPA for all transfer work and meet university transfer admission requirements. Transfer students should select an additional major, which must be outside the W. P. Carey School of Business, when applying for admission.

Students with fewer than 45 transfer credit hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice will be placed in the exploratory social and behavioral sciences program in the College of Integrative Sciences and Arts.

Students with more than 45 transfer credit hours who are not admissible to the College of Integrative Sciences and Arts will be contacted to select an appropriate major.

Change of Major Requirements:

Students should refer to the following W. P. Carey website to determine if they meet change of major requirements:

<https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors> (<https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors>). Students ready to change their major should submit their request through W. P. Carey's Advising SOS: <http://wpcarey.asu.edu/sos> (<http://wpcarey.asu.edu/sos>).

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BABSLACUBA~null + &college=CBA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Students who successfully complete this program are equipped to play a key role in companies and organizations seeking new markets or dealing with international interests domestically. The demand for multilingual business professionals is strong in the hotel and tourism industry and in consulting, banking and finance, international trade, sports management and media companies.

Contact Information:

Business, W. P. Carey School of
Dean, W.P. Carey School of Business
<https://wpcarey.asu.edu/undergraduate-degrees>
BA 160
wpcadmissions@asu.edu
480-965-4227

Business (Law), BA (BABUSLBA)

Campus: Tempe, Online

Program Description:

The BA program in business with a concentration in law is an innovative, transdisciplinary program intended to prepare students for positions in a variety of professions in which business and law play an important role in ensuring success. Coupled with a strong business background, the law concentration gives students a systematic framework for analyzing real-world legal regulation and corresponding business risks and liabilities. Students in this program complete rigorous courses within the law concentration in addition to the skill and core courses required of all W. P. Carey School of Business majors.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Global Management (Creative Industries and Design Thinking), MGM
- Global Management (Digital Audience Strategy), MGM
- Global Management (Global Affairs), MGM
- Global Management (Global Business), MGM
- Global Management (Global Development and Innovation), MGM
- Global Management (Global Digital Transformation), MGM
- Global Management (Global Entrepreneurship), MGM
- Global Management (Global Health Care Delivery), MGM
- Global Management (Global Legal Studies), MGM
- Global Management (Integrated Health Care), MGM
- Global Management (Nonprofit Leadership and Management), MGM
- Global Management (Public Administration), MGM
- Global Management (Public Policy), MGM
- Global Management (Sustainability Solutions), MGM
- Global Management (Sustainable Tourism), MGM
- Global Management, MGM

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Freshman admission requirements for this program are the same as the university's freshman admission requirements.

Readmission requirements: Students must have a 3.00 transfer GPA (if applicable) and a 3.00 cumulative ASU GPA.

Transfer Admission Requirements:

Transfer applicants must have a 3.00 GPA for all transfer work and meet university transfer admission requirements. Transfer students should select an additional major, which must be outside W. P. Carey School of Business, when applying for admission.

Students with fewer than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice are placed in the exploratory social and behavioral sciences program in the College of Integrative Sciences and Arts.

Students with more than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice are prompted in My ASU to select a new major.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/business-law-major/>)

Change of Major Requirements:

Students should refer to the following W. P. Carey website to determine if they meet change of major requirements:

<https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors> (<https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors>). Students ready to change their major should submit their request through W. P. Carey's Advising SOS: <http://wpcarey.asu.edu/sos> (<http://wpcarey.asu.edu/sos>).

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BABUSLBA~null + &college=CBA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

The law concentration is designed to expose students who will pursue careers in the business world to aspects of law and legal issues relevant to their career goals. Graduates of this program are prepared to use their skills in a variety of industries ranging from new business ventures to corporate or agency compliance.

Contact Information:

Business, W. P. Carey School of
Dean, W.P. Carey School of Business
<https://wpcarey.asu.edu/undergraduate-degrees>
BA 160
wpcareyug@asu.edu
480-965-4227

Business (Public Service and Public Policy), BA (BABUSPBA)

Campus: Tempe

Program Description:

The BA program in business with a concentration in public service and public policy prepares students for work in public, nonprofit and private sectors, through comprehensive coverage of topics in public policy and public administration. Students become familiar with leading a public organization and the process of policy development. They also examine the public sector through multiple lenses and address its challenges in a practical way.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Global Management (Creative Industries and Design Thinking), MGM
- Global Management (Digital Audience Strategy), MGM
- Global Management (Global Affairs), MGM
- Global Management (Global Business), MGM
- Global Management (Global Development and Innovation), MGM
- Global Management (Global Digital Transformation), MGM
- Global Management (Global Entrepreneurship), MGM
- Global Management (Global Health Care Delivery), MGM
- Global Management (Global Legal Studies), MGM
- Global Management (Integrated Health Care), MGM
- Global Management (Nonprofit Leadership and Management), MGM
- Global Management (Public Administration), MGM
- Global Management (Public Policy), MGM
- Global Management (Sustainability Solutions), MGM
- Global Management (Sustainable Tourism), MGM
- Global Management, MGM

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Freshman admission requirements for this program are the same as the university's freshman admission requirements.

Readmission requirements: Students must have a 3.00 transfer GPA (if applicable) and a 3.00 cumulative ASU GPA.

Transfer Admission Requirements:

Transfer applicants must have a 3.00 GPA for all transfer work and meet university transfer admission requirements. Transfer students should select an additional major, which must be outside W. P. Carey School of Business, when applying for admission.

Students with fewer than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice are placed in the exploratory social and behavioral sciences program in the College of Integrative Sciences and Arts.

Students with more than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice are prompted in My ASU to select a new major.

Change of Major Requirements:

Students should refer to the following W. P. Carey website to determine if they meet change of major requirements:

<https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors> (<https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors>). Students ready to change their major should submit their request through W. P. Carey's Advising SOS: <http://wpcarey.asu.edu/sos> (<http://wpcarey.asu.edu/sos>).

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BABUSPBA~null + &college=CBA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

There is an increase in job opportunities in the public sector for graduates due to retiring workers and an increasing demand for public services. The degree program prepares students for work in public, nonprofit and private sectors through comprehensive coverage of topics in public policy and public administration.

The program also offers preparation for students who wish to pursue graduate degrees in:

- law
- nonprofit administration or other public service
- policy-oriented areas
- public administration
- public policy

Contact Information:

Business, W. P. Carey School of
Dean, W.P. Carey School of Business
<https://wpcarey.asu.edu/undergraduate-degrees>
BA 160
wpcareyug@asu.edu
480-965-4227

Business (Retail Management), BA (BABUSRBA)

Campus: Online

Program Description:

The BA program in business with a concentration in retail management provides a business curriculum focused on the knowledge and skills needed

for leadership roles in the retail industry. The program provides the full business core plus 18 credit hours of retail-specific coursework. The degree program has been developed in collaboration with faculty and industry professionals to provide a curriculum responsive to industry needs.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Freshman admission requirements for this program are the same as the university's freshman admission requirements.

Readmission requirements: Students must have a 3.00 transfer GPA (if applicable) and a 3.00 cumulative ASU GPA.

Transfer Admission Requirements:

Transfer applicants must have a 3.00 GPA for all transfer work and meet university transfer admission requirements.

Transfer students should select an additional major, which must be outside W. P. Carey School of Business, when applying for admission.

Students with fewer than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice are placed in the exploratory social and behavioral sciences program in the College of Integrative Sciences and Arts.

Students with more than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice are prompted in My ASU to select a new major.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-business-retail-management/>)

Change of Major Requirements:

Students should refer to the following W. P. Carey website to determine if they meet change of major requirements:

<https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors> (<https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors>). Students ready to change their major should submit their request through W. P. Carey's Advising SOS: <http://wpcarey.asu.edu/sos> (<http://wpcarey.asu.edu/sos>).

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BABUSRBA~null + &college=CBA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

The bachelor's degree program in business with a concentration in retail management prepares students to work in the retail industry. Drawing on coursework from four areas in the concentration that provide them with the broad preparation and leadership skills required today, graduates are ready to assume positions of responsibility in the retail industry. Several anticipated career opportunities for graduates are:

- administrative services manager
- business manager
- food service manager

- general and operations management
- management analyst
- operations specialist
- purchasing or buying manager
- sales manager
- training and development manager
- wholesale and manufacturing representative

Contact Information:

Business, W. P. Carey School of
 Department of Marketing
<https://wpcarey.asu.edu/undergraduate-degrees>
 BA 160
wpcareyug@asu.edu
 480-965-4227

Business (Spanish Language and Culture), BA (BABUSSLBA)

Campus: Tempe, West

ASU is no longer accepting new students to this program. Students interested in pursuing a Spanish language track should apply to the language and culture concentration (<https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/BABSLACUBA/undergrad/false>) of the BA in business.

Program Description:

The BA in business with a concentration in Spanish language and culture is an innovative, transdisciplinary program that prepares students for positions in a variety of professions in which business and communication play an important role in ensuring success. The program mission is to create global business professionals who can function well culturally and linguistically in the business environment in both Latin America and the domestic market. Students complete rigorous courses within the Spanish language in addition to the skill and core courses required of all W. P. Carey School of Business majors.

Additional Program Fee: Y

Second Language Requirement: Yes

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Freshman admission requirements for this program are the same as the university's freshman admission requirements.

Readmission requirements: Students must have a 3.00 transfer GPA (if applicable) and a 3.00 cumulative ASU GPA.

Transfer Admission Requirements:

Transfer applicants must have a 3.00 GPA for all transfer work and meet university transfer admission requirements. Transfer students should select an additional major, which must be outside W. P. Carey School of Business, when applying for admission.

Students with fewer than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice are placed in the exploratory social and behavioral sciences program in the College of Integrative Sciences and Arts.

Students with more than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice are prompted in My ASU to select a new major.

Change of Major Requirements:

Students should refer to the following W. P. Carey website to determine if they meet change of major requirements:

<https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors> (<https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors>). Students ready to change their major should submit their request through W. P. Carey's Advising SOS: <http://wpcarey.asu.edu/sos> (<http://wpcarey.asu.edu/sos>).

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transferecreditguide/app/transfermap?major=BABUSSLBA~null + &college=CBA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates are equipped to play a key role in companies and organizations seeking new markets or dealing with international interests in the U.S. and are suited to the demands of small-business enterprises as well as multinational companies.

Currently, there is a demand for Spanish-speaking business professionals in the hotel and tourism industry and in consulting, banking and finance, international trade, sports management and media. Additionally, businesses of all types, especially locally, are actively recruiting bilingual applicants.

Contact Information:

Business, W. P. Carey School of

Dean, W.P. Carey School of Business

<https://wpcarey.asu.edu/undergraduate-degrees>

BA 160

wpcareyug@asu.edu

480-965-4227

Business (Sports Business), BA (BABUSMSBA)

Campus: Tempe, Online

Program Description:

The BA program in business with a concentration in sports business is attractive to students with an interest in the sports industry. This concentration has been planned to provide students the necessary skills to build knowledge and understanding of the development of the strategic business process in sports organizations and its relationship to media. The proliferation of mass communication (including television, game systems and social networks) has transformed sports into a highly commercialized industry and, in turn, sports continue to generate revenues for these businesses. The interaction between sports and media has led to a multitude of applications of business knowledge to these fields. The sports business program offers a strong focus on applied elements of the sports industry, especially as it relates to media and its impact on the industry.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Global Management (Creative Industries and Design Thinking), MGM

Global Management (Digital Audience Strategy), MGM

Global Management (Global Affairs), MGM

Global Management (Global Business), MGM

Global Management (Global Development and Innovation), MGM

Global Management (Global Digital Transformation), MGM

Global Management (Global Entrepreneurship), MGM

Global Management (Global Health Care Delivery), MGM

Global Management (Global Legal Studies), MGM

Global Management (Integrated Health Care), MGM

Global Management (Nonprofit Leadership and Management), MGM
Global Management (Public Administration), MGM
Global Management (Public Policy), MGM
Global Management (Sustainability Solutions), MGM
Global Management (Sustainable Tourism), MGM
Global Management, MGM

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Freshman admission requirements for this program are the same as the university's freshman admission requirements.

Readmission requirements: Students must have a 3.00 transfer GPA (if applicable) and a 3.00 cumulative ASU GPA.

Transfer Admission Requirements:

Transfer applicants must have a 3.00 GPA for all transfer work and meet university transfer admission requirements. Transfer students should select an additional major, which must be outside W. P. Carey School of Business, when applying for admission.

Students with fewer than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice are placed in the exploratory social and behavioral sciences program in the College of Integrative Sciences and Arts.

Students with more than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice are prompted in My ASU to select a new major.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/sports-business-degree/>)

Change of Major Requirements:

Students should refer to the following W. P. Carey website to determine if they meet change of major requirements:

<https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors> (<https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors>). Students ready to change their major should submit their request through W. P. Carey's Advising SOS: <http://wpcarey.asu.edu/sos> (<http://wpcarey.asu.edu/sos>).

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BABUSMSBA~null + &college=CBA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Career opportunities for graduates of this degree program could include jobs with titles such as:

- administrative service manager
- advertising and sponsorship salesperson
- agent
- business manager
- event planner

- management analyst
- operations specialist
- purchasing or buying manager
- wholesale and manufacturing representative

Graduates of this concentration find opportunities in mass communication, including television, game systems and social networks. The interaction between sports and media has led to a multitude of applications of business knowledge to these fields.

Contact Information:

Business, W. P. Carey School of
 Department of Marketing
<https://wpcarey.asu.edu/undergraduate-degrees>
 BAC 460
wpcareyug@asu.edu
 480-965-3621

Business (Statistics), BA (BABUSTABA)

Campus: West

Program Description:

The BA program in business with a concentration in statistics is designed for students interested in a curriculum that helps them develop solid business skills with an emphasis in mathematics and statistics. The program involves theoretical and applied statistics with a focus on practical and applied aspects of statistics.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Global Management (Creative Industries and Design Thinking), MGM
- Global Management (Data Science), MGM
- Global Management (Digital Audience Strategy), MGM
- Global Management (Global Affairs), MGM
- Global Management (Global Business), MGM
- Global Management (Global Development and Innovation), MGM
- Global Management (Global Digital Transformation), MGM
- Global Management (Global Entrepreneurship), MGM
- Global Management (Global Health Care Delivery), MGM
- Global Management (Global Legal Studies), MGM
- Global Management (Integrated Health Care), MGM
- Global Management (Nonprofit Leadership and Management), MGM
- Global Management (Public Administration), MGM
- Global Management (Public Policy), MGM
- Global Management (Sustainability Solutions), MGM
- Global Management (Sustainable Tourism), MGM
- Global Management, MGM

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Freshman admission requirements for this program are the same as the university's freshman admission requirements.

Readmission requirements: Students must have a 3.00 transfer GPA (if applicable) and a 3.00 cumulative ASU GPA.

Transfer Admission Requirements:

Transfer applicants must have a 3.00 GPA for all transfer work and meet university transfer admission requirements. Transfer students should select an additional major, which must be outside W. P. Carey School of Business, when applying for admission.

Students with fewer than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice are placed in the exploratory social and behavioral sciences program in the College of Integrative Sciences and Arts.

Students with more than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice are prompted in My ASU to select a new major.

Change of Major Requirements:

Students should refer to the following W. P. Carey website to determine if they meet change of major requirements:

<https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors> (<https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors>). Students ready to change their major should submit their request through W. P. Carey's Advising SOS: <http://wpcarey.asu.edu/sos> (<http://wpcarey.asu.edu/sos>).

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BABUSTABA~null + &college=CBA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates of this program are prepared to move into business or governmental positions, using statistics to help make decisions and solve problems. They find positions such as:

- financial analysts
- market and survey researchers
- personal financial advisors
- statisticians

Contact Information:

Business, W. P. Carey School of
Dean, W.P. Carey School of Business
<https://wpcarey.asu.edu/undergraduate-degrees>
FAB N101
wpcareyug@asu.edu
602-543-6200

Business (Sustainability), BA (BABUSSBA)

Campus: Polytechnic, Tempe, West, Online

Program Description:

The BA in business with a concentration in sustainability is an innovative, transdisciplinary program that prepares students for positions in a variety of professions in which business and sustainability play important roles in ensuring success. Finding ways to grow and prosper while reducing the stress on the global environment is a critical issue facing today's society. Combining the latest trends in business with cutting-edge knowledge of sustainability prepares graduates to excel in career areas that will dramatically increase in demand. Students in this program complete rigorous courses within the sustainability concentration in addition to the skill and core courses required of all W. P. Carey School of Business majors.

Additional Program Fee: Y

Second Language Requirement: N**First Required Math Course:** MAT 210 - Brief Calculus**Program Math Intensity:** Moderate**Accelerated Degree Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Global Management (Creative Industries and Design Thinking), MGM
- Global Management (Digital Audience Strategy), MGM
- Global Management (Global Affairs), MGM
- Global Management (Global Business), MGM
- Global Management (Global Development and Innovation), MGM
- Global Management (Global Digital Transformation), MGM
- Global Management (Global Entrepreneurship), MGM
- Global Management (Global Health Care Delivery), MGM
- Global Management (Global Legal Studies), MGM
- Global Management (Integrated Health Care), MGM
- Global Management (Nonprofit Leadership and Management), MGM
- Global Management (Public Administration), MGM
- Global Management (Public Policy), MGM
- Global Management (Sustainability Solutions), MGM
- Global Management (Sustainable Tourism), MGM
- Global Management, MGM

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:**General University Admission Requirements:**

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Freshman admission requirements for this program are the same as the university's freshman admission requirements.

Readmission requirements: Students must have a 3.00 transfer GPA (if applicable) and a 3.00 cumulative ASU GPA.

Transfer Admission Requirements:

Transfer applicants must have a 3.00 GPA for all transfer work and meet university transfer admission requirements. Transfer students should select an additional major, which must be outside W. P. Carey School of Business, when applying for admission.

Students with fewer than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice are placed in the exploratory social and behavioral sciences program in the College of Integrative Sciences and Arts.

Students with more than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice are prompted in My ASU to select a new major.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-business-sustainability/>)

Change of Major Requirements:

Students should refer to the following W. P. Carey website to determine if they meet change of major requirements:

<https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors> (<https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors>). Students ready to change their major should submit their request through W. P. Carey's Advising SOS:

<http://wpcarey.asu.edu/sos> (<http://wpcarey.asu.edu/sos>).

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BABUSSBA~null + &college=CBA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Interest in sustainability issues is growing and most likely will be increasingly important to business in the next few years. People around the world are asking serious questions about how they can understand, evaluate and act on issues related to sustainability while making sensible business decisions for both the short and long run. Qualified individuals are needed, those who understand the societal, scientific and business aspects of the issues. Graduates from this degree program fill these needs.

Contact Information:

Business, W. P. Carey School of
Dean, W.P. Carey School of Business
<https://wpcarey.asu.edu/undergraduate-degrees>
BA 160
wpcareyug@asu.edu
480-965-4227

Business (Technology), BA (BABUSTCBA)

Campus: Polytechnic

Program Description:

The BA in business with a concentration in technology is an innovative, transdisciplinary degree program intended to prepare students for positions in a variety of professions in which business and technology play an important role. This program incorporates business knowledge and a strong skill set in technology and is designed to help students realize and analyze the relationship between business and technology.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Global Management (Creative Industries and Design Thinking), MGM
- Global Management (Digital Audience Strategy), MGM
- Global Management (Global Affairs), MGM
- Global Management (Global Business), MGM
- Global Management (Global Development and Innovation), MGM
- Global Management (Global Digital Transformation), MGM
- Global Management (Global Entrepreneurship), MGM
- Global Management (Global Health Care Delivery), MGM
- Global Management (Global Legal Studies), MGM
- Global Management (Integrated Health Care), MGM
- Global Management (Nonprofit Leadership and Management), MGM
- Global Management (Public Administration), MGM
- Global Management (Sustainability Solutions), MGM
- Global Management (Sustainable Tourism), MGM
- Global Management, MGM

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)
Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)
International (<https://students.asu.edu/international/future>)
Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Freshman admission requirements for this program are the same as the university's freshman admission requirements.

Readmission requirements: Students must have a 3.00 transfer GPA (if applicable) and a 3.00 cumulative ASU GPA.

Transfer Admission Requirements:

Transfer applicants must have a 3.00 GPA for all transfer work and meet university transfer admission requirements. Transfer students should select an additional major, which must be outside W. P. Carey School of Business, when applying for admission.

Students with fewer than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice are placed in the exploratory social and behavioral sciences program in the College of Integrative Sciences and Arts.

Students with more than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice are prompted in My ASU to select a new major.

Change of Major Requirements:

Students should refer to the following W. P. Carey website to determine if they meet change of major requirements:

<https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors> (<https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors>). Students ready to change their major should submit their request through W. P. Carey's Advising SOS: <http://wpcarey.asu.edu/sos> (<http://wpcarey.asu.edu/sos>).

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BABUSTCBA~null + &college=CBA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates with a bachelor's degree in business with a concentration in technology bring a solid background in business to technology companies and also the technological skills necessary to apply their skills in a variety of industries.

Contact Information:

Business, W. P. Carey School of
Dean, W.P. Carey School of Business
<https://wpcarey.asu.edu/undergraduate-degrees>
SANTN 230
wpcareyug@asu.edu
480-727-5183

Business (Tourism), BA (BABUSTBA)

Campus: Tempe, Online

Program Description:

The BA in business with a concentration in tourism is an innovative, transdisciplinary program that prepares students for positions in a variety of professions in which business and tourism play important roles in ensuring success. Developing tourism and recreation opportunities requires an understanding of effective marketing techniques and the ability to interact with many different types of businesses that support those efforts. A solid academic preparation in business helps prepare students for success in the tourism industry and affiliated professions. Students in this program complete rigorous courses within the tourism concentration in addition to the skill and core courses required of all W. P. Carey School of Business

majors.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Global Management (Creative Industries and Design Thinking), MGM
- Global Management (Digital Audience Strategy), MGM
- Global Management (Global Affairs), MGM
- Global Management (Global Business), MGM
- Global Management (Global Development and Innovation), MGM
- Global Management (Global Digital Transformation), MGM
- Global Management (Global Entrepreneurship), MGM
- Global Management (Global Health Care Delivery), MGM
- Global Management (Global Legal Studies), MGM
- Global Management (Integrated Health Care), MGM
- Global Management (Nonprofit Leadership and Management), MGM
- Global Management (Public Administration), MGM
- Global Management (Public Policy), MGM
- Global Management (Sustainability Solutions), MGM
- Global Management (Sustainable Tourism), MGM
- Global Management, MGM

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Freshman admission requirements for this program are the same as the university's freshman admission requirements.

Readmission requirements: Students must have a 3.00 transfer GPA (if applicable) and a 3.00 cumulative ASU GPA.

Transfer Admission Requirements:

Transfer applicants must have a 3.00 GPA for all transfer work and meet university transfer admission requirements. Transfer students should select an additional major, which must be outside W. P. Carey School of Business, when applying for admission.

Students with fewer than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice are placed in the exploratory social and behavioral sciences program in the College of Integrative Sciences and Arts.

Students with more than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice are prompted in My ASU to select a new major.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-business-tourism/>)

Change of Major Requirements:

Students should refer to the following W. P. Carey website to determine if they meet change of major requirements:

<https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors> (<https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors>). Students ready to change their major should submit their request through W. P. Carey's Advising SOS: <http://wpcarey.asu.edu/sos> (<http://wpcarey.asu.edu/sos>).

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BABUSTBA~null + &college=CBA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Tourism management and development combines marketing and economic development with an emphasis on managerial understanding to promote smooth operations. The combination of skills acquired from exposure to both business and tourism courses make graduates more marketable and productive in their careers.

Contact Information:

Business, W. P. Carey School of
Dean, W.P. Carey School of Business
<https://wpcarey.asu.edu/undergraduate-degrees>
BA 160
wpcareyug@asu.edu
480-965-4227

Business Data Analytics, BS (BABDABS)

Campus: Tempe, Online

Program Description:

The BS program in business data analytics prepares business students with the requisite knowledge, skills and experience to create and manage big data initiatives as well as associated business processes to facilitate large-scale business data analytics in organizations.

Students learn organizational and technical competencies to implement data gathering, cleansing, integration and modeling tasks as well as data asset analysis for business applications. The program covers data warehousing, dimensional modeling, big data analytics methods and visualization tools and techniques, and it introduces topics such as data mining and predictive analytics.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Accelerated Degree Options:

This program allows students to choose either a 2.5- or a 3-year path while participating in the same high-quality educational experience of a 4-year option. Students can opt to fast-track their studies after acceptance into a participating program by connecting with their academic advisor. Fast track options appear at the top of the major map.

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Global Management (Creative Industries and Design Thinking), MGM
- Global Management (Data Science), MGM
- Global Management (Digital Audience Strategy), MGM
- Global Management (Global Affairs), MGM
- Global Management (Global Business), MGM
- Global Management (Global Development and Innovation), MGM
- Global Management (Global Digital Transformation), MGM
- Global Management (Global Entrepreneurship), MGM
- Global Management (Global Health Care Delivery), MGM
- Global Management (Global Legal Studies), MGM
- Global Management (Integrated Health Care), MGM

Global Management (Nonprofit Leadership and Management), MGM
Global Management (Public Administration), MGM
Global Management (Public Policy), MGM
Global Management (Sustainability Solutions), MGM
Global Management (Sustainable Tourism), MGM
Global Management, MGM

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Freshmen admission requirements: 1230 SAT Reasoning OR 25 ACT score, OR graduated in the top 8% of high school class, OR an overall high school GPA of 3.40 in ASU competency courses (scale is 4.00 = "A").

Freshmen should select an additional major when applying for admission. Additional choices may include any of the W. P. Carey business BA programs or any other degree program outside W. P. Carey School of Business. Students who are not admissible to a W. P. Carey business BS major and who did not select a second major or are not admissible to their second major choice will be placed in a business BA program in the W. P. Carey School of Business.

Readmission requirements: must meet freshman admission requirements by way of high school GPA, test score or class rank and must have a 3.00 transfer GPA (if applicable) and a 3.00 cumulative ASU GPA.

Transfer Admission Requirements:

Transfer admission requirements (30 or more semester hours of credit after high school): 3.00 transfer GPA and one of the following: 1160 (prior to March 2016) or 1230 SAT Reasoning (after March 2016) OR 25 ACT score OR the student must have graduated in the top 8% of their high school class OR an overall high school GPA of 3.40 in ASU competency courses (scale is 4.00 = "A").

Transfer students should select an additional major when applying for admission. Additional choices may include any of the W. P. Carey business BA programs or any other business or other degree program outside W. P. Carey School of Business.

Students with fewer than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice are placed in exploratory social and behavioral sciences in the College of Integrative Sciences and Arts.

Students with more than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice are prompted in My ASU to select a new major.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-business-data-analytics/>)

Change of Major Requirements:

Students should refer to the following W. P. Carey website to determine if they meet change of major requirements:

<https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors> (<https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors>). Students ready to change their major should submit their request through W. P. Carey's Advising SOS: <http://wpcarey.asu.edu/sos> (<http://wpcarey.asu.edu/sos>).

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BABDABS-null + &college=CBA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about

these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

The demand for employees with business analytics skills is strong, with close to 89% of employers indicating their needs for new recruits skilled in business data analytics will increase in the future [source: Occupational Information Network (O*NET)].

Graduates can become data analysts, data architects, data visualization developers, data change agents and data operators. Many graduates serve as architects, change agents and analytics tool suite operators for business and government.

Contact Information:

Business, W. P. Carey School of
Department of Information Systems
<https://wpcarey.asu.edu/undergraduate-degrees>
BA 301P
wpcareyis@asu.edu
480-965-3252

Business Entrepreneurship, BS (BABUENTBS)

Campus: Tempe

Program Description:

The BS program in business entrepreneurship prepares students to identify, evaluate and develop entrepreneurial opportunities in existing companies or through new ventures. Students earning the degree may choose to start a new venture, work for a startup or a small business or work as an innovator within an existing organization. The program has an emphasis on collaboration, leadership, communication and team-building as well as development of refined analytical, managerial and leadership skills appropriate for people who want to change the world through innovation.

Students in the program frequently collaborate with students from across the university for a breadth of understanding in all business disciplines and a depth of understanding in opportunity recognition, feasibility, management of resources and strategy. Students completing the program understand the unique requirements of an entrepreneur and learn how to operate effectively to identify market opportunities, innovative solutions and execution strategies.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Accelerated Degree Options:

This program allows students to choose either a 2.5- or a 3-year path while participating in the same high-quality educational experience of a 4-year option. Students can opt to fast-track their studies after acceptance into a participating program by connecting with their academic advisor. Fast track options appear at the top of the major map.

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Global Management (Creative Industries and Design Thinking), MGM
- Global Management (Data Science), MGM
- Global Management (Digital Audience Strategy), MGM
- Global Management (Global Affairs), MGM
- Global Management (Global Business), MGM
- Global Management (Global Development and Innovation), MGM
- Global Management (Global Digital Transformation), MGM
- Global Management (Global Entrepreneurship), MGM
- Global Management (Global Health Care Delivery), MGM
- Global Management (Global Legal Studies), MGM
- Global Management (Integrated Health Care), MGM
- Global Management (Nonprofit Leadership and Management), MGM
- Global Management (Public Administration), MGM
- Global Management (Public Policy), MGM
- Global Management (Sustainability Solutions), MGM
- Global Management (Sustainable Tourism), MGM
- Global Management, MGM

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Freshmen admission requirements: 1230 SAT Reasoning OR 25 ACT score, OR graduated in the top 8% of high school class, OR an overall high school GPA of 3.40 in ASU competency courses (scale is 4.00 = "A").

Freshmen should select an additional major when applying for admission. Additional choices may include any of the W. P. Carey business BA programs or any other degree program outside of the W. P. Carey School of Business. Students who are not admissible to a W. P. Carey business BS major and who did not select a second major or are not admissible to their second major choice are placed in a business BA program in the W. P. Carey School of Business.

Readmission requirements: Students must meet freshman admission requirements by way of high school GPA, test score or class rank and must have a 3.00 transfer GPA (if applicable) and a 3.00 cumulative ASU GPA.

Transfer Admission Requirements:

Transfer admission requirements (30 or more semester hours of credit after high school): 3.00 transfer GPA and one of the following: 1160 (prior to March 2016) or 1230 SAT Reasoning (after March 2016) OR 25 ACT score OR the student must have graduated in the top 8% of their high school class OR an overall high school GPA of 3.40 in ASU competency courses (scale is 4.00 = "A").

Transfer students should select an additional major when applying for admission. Additional choices may include any of the W. P. Carey business BA programs or any other business or other degree program outside of the W. P. Carey School of Business.

Students with fewer than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice are placed in the exploratory social and behavioral sciences program in the College of Integrative Sciences and Arts.

Students with more than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice are prompted in My ASU to select a new major.

Change of Major Requirements:

Students should refer to the following W. P. Carey website to determine if they meet change of major requirements:

<https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors> (<https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors>). Students ready to change their major should submit their request through W. P. Carey's Advising SOS: <http://wpcarey.asu.edu/sos> (<http://wpcarey.asu.edu/sos>).

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BABUENTBS~null + &college=CBA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates may follow multiple self-directed paths such as starting a new venture or nonprofit organization, working for a new venture or a small business or working as an innovative leader within an existing organization.

Contact Information:

Business, W. P. Carey School of
Department of Management and Entrepreneurship
<https://wpcarey.asu.edu/undergraduate-degrees>
BA 323

Business Exploratory, (BABUSEXP)

Campus: Tempe

Program Description:

Virtually every profession and organization uses business in some way. Business exploratory students have an opportunity to explore a variety of areas in business prior to selecting one of these nine majors:

- accountancy
- business data analytics
- business entrepreneurship
- computer information systems
- economics
- finance
- management
- marketing
- supply chain management

Students have an opportunity to work with world-class faculty in an environment that values high-quality teaching. Majors in the W. P. Carey School of Business provide students with the skills and knowledge needed in today's companies --- whether they are starting their own businesses or working in large multinational corporations. Additionally, many graduates attend some of the other top-tier graduate schools in the country in a variety of disciplines.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

This major has higher admission standards. Freshmen admission requirements: 1230 SAT Reasoning OR 25 ACT score, OR graduated in the top eight percent of high school class, OR an overall high school GPA of 3.60 in ASU competency courses (scale is 4.00 = "A").

Transfer Admission Requirements:

For students who hold 30 or more transfer credit hours after high school: 3.00 transfer GPA and one of the following: 1160 (prior to March 2016) or 1230 SAT Reasoning (after March 2016) OR 25 ACT score OR the student must have graduated in the top eight percent of their high school class.

Change of Major Requirements:

Students are not permitted to change their major to this degree program. Students admitted to this exploratory program who are ready to declare their major should submit their request through W. P. Carey's Advising SOS: <http://wpcarey.asu.edu/sos> (<http://wpcarey.asu.edu/sos>).

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BABUSEXP~null + &college=CBA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Students in business exploratory have the opportunity to graduate from one of many BS degree programs in the W. P. Carey School of Business. For career opportunities, students should see the options highlighted in those specific programs.

Contact Information:

Business, W. P. Carey School of
Prebusiness Office
<https://wpcarey.asu.edu/undergraduate-degrees>
BA 160
wpcareyug@asu.edu
480-965-4227

Computer Information Systems, BS (BACISBS)

Campus: Tempe, Online

Program Description:

Computer information systems are part of every business and organization. In this degree program, students learn about the exciting and innovative ways that information technology is used to help organizations succeed.

Dedicated faculty members teach students how to design, build and maintain information systems that support business operations and managerial decision-making. In particular, students learn about business intelligence for competitive advantage, business process for workflow redesign, data management for decision-making, distributed systems for collaboration and globalization, enterprise integration for synergy, project management, and solution development for value creation.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Accelerated Degree Options:

This program allows students to choose either a 2.5- or a 3-year path while participating in the same high-quality educational experience of a 4-year option. Students can opt to fast-track their studies after acceptance into a participating program by connecting with their academic advisor. Fast track options appear at the top of the major map.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Freshmen admission requirements: Students must have a score of 1230 SAT Reasoning OR 25 ACT score, OR graduated in the top 8% of high school class, OR an overall high school GPA of 3.40 in ASU competency courses (scale is 4.00 = "A").

Freshmen should select an additional major when applying for admission. Additional choices may include any of the W. P. Carey business BA programs or any other degree program outside of the W. P. Carey School of Business. Students who are not admissible to a W. P. Carey business BS major and who did not select a second major or are not admissible to their second major choice will be placed in a business BA program in the W. P. Carey School of Business.

Readmission requirements: Students must meet freshman admission requirements by way of high school GPA, test score or class rank and must have a 3.00 transfer GPA (if applicable) and a 3.00 cumulative ASU GPA.

Transfer Admission Requirements:

Transfer admission requirements (30 or more semester hours of credit after high school): Students must have a 3.00 transfer GPA and a score of 1160 (prior to March 2016) or 1230 SAT Reasoning (after March 2016) OR 25 ACT score OR the student must have graduated in the top 8% of their high school class OR an overall high school GPA of 3.40 in ASU competency courses (scale is 4.00 = "A").

Transfer students should select an additional major when applying for admission. Additional choices may include any of the W. P. Carey business BA programs or any other business or other degree program outside the W. P. Carey School of Business.

Students with fewer than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice are placed in the exploratory social and behavioral sciences program in the College of Integrative Sciences and Arts.

Students with more than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice are prompted in My ASU to select a new major.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/computer-information-systems-bs/>)

Change of Major Requirements:

Students should refer to the following W. P. Carey website to determine if they meet change of major requirements:

<https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors> (<https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors>). Students ready to change their major should submit their request through W. P. Carey's Advising SOS: <http://wpcarey.asu.edu/sos> (<http://wpcarey.asu.edu/sos>).

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BACISBS~null + &college=CBA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Currently, there is a shortage of information systems professionals, with many more jobs than graduates. With a degree in computer information systems, career choices are limitless. A computer information systems degree offers job opportunities in a variety of industries, including:

- education
- entertainment
- finance
- health care
- national defense
- transportation

Information systems are key components in the success of other functional business areas such as accounting, supply chain, finance and marketing. Entry-level information systems positions include:

- computer forensics analyst
- database administrator
- information systems consultant
- information technology security manager
- network administrator
- project manager
- software or systems developer
- systems administrator
- systems analyst

Long-term career aspirations for a student with a computer information systems degree include:

- chief executive officer
- chief information officer
- chief knowledge officer
- chief security officer
- chief technology officer

Contact Information:

Business, W. P. Carey School of

Department of Information Systems
<https://wpcarey.asu.edu/undergraduate-degrees>
BA 301P
wpcareyis@asu.edu
480-965-3252

Economics, BS (BAECNBS)

Campus: Tempe, Online

Program Description:

The economics program requires a strong core of economic theory, supplemented by mathematics and data analysis.

Students in this W. P. Carey BS degree program in economics choose from a variety of electives offered by the Department of Economics or many other ASU department. All students are encouraged to develop programs of study tailored to individual needs and interests. The undergraduate program provides students with the critical thinking and communication skills needed to succeed in business or graduate school.

The department's mission is to provide the highest quality instruction to students, conduct cutting-edge research in economics and provide leadership and service to professional communities.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Concurrent Degrees:

This degree is also offered as concurrent degree program with Engineering Management, BSE

Accelerated Degree Options:

This program allows students to choose either a 2.5- or a 3-year path while participating in the same high-quality educational experience of a 4-year option. Students can opt to fast-track their studies after acceptance into a participating program by connecting with their academic advisor. Fast track options appear at the top of the major map.

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Global Management (Creative Industries and Design Thinking), MGM
- Global Management (Data Science), MGM
- Global Management (Digital Audience Strategy), MGM
- Global Management (Global Affairs), MGM
- Global Management (Global Business), MGM
- Global Management (Global Development and Innovation), MGM
- Global Management (Global Digital Transformation), MGM
- Global Management (Global Entrepreneurship), MGM
- Global Management (Global Health Care Delivery), MGM
- Global Management (Global Legal Studies), MGM
- Global Management (Integrated Health Care), MGM
- Global Management (Nonprofit Leadership and Management), MGM
- Global Management (Public Administration), MGM
- Global Management (Public Policy), MGM
- Global Management (Sustainability Solutions), MGM
- Global Management (Sustainable Tourism), MGM
- Global Management, MGM

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Freshmen admission requirements: 1230 SAT Reasoning OR 25 ACT score, OR graduated in the top 8% of high school class, OR an overall high school GPA of 3.40 in ASU competency courses (scale is 4.00 = "A").

Freshmen should select an additional major when applying for admission. Additional choices may include any of the W. P. Carey business BA programs or any other degree program outside of the W. P. Carey School of Business. Students who are not admissible to a W. P. Carey business BS major and who did not select a second major or are not admissible to their second major choice are placed in a business BA program in the W. P. Carey School of Business.

Readmission requirements: Students must meet freshman admission requirements by way of high school GPA, test score or class rank and must have a 3.00 transfer GPA (if applicable) and a 3.00 cumulative ASU GPA.

Transfer Admission Requirements:

Transfer admission requirements (30 or more semester hours of credit after high school): 3.00 transfer GPA and one of the following: 1160 (prior to March 2016) or 1230 SAT Reasoning (after March 2016) OR 25 ACT score OR the student must have graduated in the top 8% of their high school class or an overall high school GPA of 3.40 in ASU competency courses (scale is 4.00 = "A").

Transfer students should select an additional major when applying for admission. Additional choices may include any of the W. P. Carey business BA programs or any other business or other degree program outside of the W. P. Carey School of Business.

Students with fewer than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice are placed in exploratory social and behavioral sciences in the College of Integrative Sciences and Arts.

Students with more than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice are prompted in My ASU to select a new major.

Concurrent degree admission requirements: Engineering Management, BSE and Economics, BS:

- minimum 1250 SAT combined math and verbal (650 minimum on SAT math) or minimum 29 ACT combined score (29 minimum on ACT math), and
- 3.00 minimum ABOR GPA

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/economics-bs-wpc/>)

Change of Major Requirements:

Students should refer to the following W. P. Carey website to determine if they meet change of major requirements:

<https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors> (<https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors>). Students ready to change their major should submit their request through W. P. Carey's Advising SOS: <http://wpcarey.asu.edu/sos> (<http://wpcarey.asu.edu/sos>).

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BAECNBS-null + &college=CBA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

A major in economics provides students with the analytical and quantitative skills needed to prepare them for careers in business, government or public policy. The program of study can also be tailored to prepare students for graduate programs in economics, business or law. Students interested in pursuing a doctorate in economics are strongly encouraged to minor or major in mathematics as well.

Graduates have taken positions such as:

- consultants who serve as advisers to state and federal governments as well as private corporations
- corporate economists who collect data and make forecasts relevant to the firm's business
- employment in banking and financial services firms

Each year, many graduates pursue additional studies at other prestigious universities.

Contact Information:

Business, W. P. Carey School of
Department of Economics
<https://wpcarey.asu.edu/undergraduate-degrees>
CPCOM 412
wpcareyecn@asu.edu
480-965-3531

Finance, BS (BAFINBS)

Campus: Tempe

Program Description:

The finance department has a rich tradition of educating leaders who excel in all aspects of the discipline of finance. Whether ascending to the top ranks of the venture capital industry, executing multimillion dollar real estate deals or becoming successful entrepreneurs with their own ideas and drive, graduates of the BS program in finance from the W. P. Carey School of Business are equipped to succeed.

In particular, the Investment Banking Industry Scholars program mentors students interested in going to Wall Street. The student investment management fund provides undergraduates the opportunity to manage a real-world investment portfolio worth hundreds of thousands of dollars.

Finance department faculty members are considered among the top in the world. The professional advisory board, comprised of leading professionals from the financial services, manufacturing, energy, investment banking and real estate sectors, provides a sounding board for new ideas and is a resource of jobs for top graduates.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Accelerated Degree Options:

This program allows students to choose either a 2.5- or a 3-year path while participating in the same high-quality educational experience of a 4-year option. Students can opt to fast-track their studies after acceptance into a participating program by connecting with their academic advisor. Fast track options appear at the top of the major map.

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Global Management (Creative Industries and Design Thinking), MGM
- Global Management (Digital Audience Strategy), MGM
- Global Management (Global Affairs), MGM
- Global Management (Global Business), MGM
- Global Management (Global Development and Innovation), MGM
- Global Management (Global Digital Transformation), MGM
- Global Management (Global Entrepreneurship), MGM
- Global Management (Global Health Care Delivery), MGM
- Global Management (Global Legal Studies), MGM
- Global Management (Integrated Health Care), MGM
- Global Management (Nonprofit Leadership and Management), MGM
- Global Management (Public Administration), MGM
- Global Management (Public Policy), MGM
- Global Management (Sustainability Solutions), MGM
- Global Management (Sustainable Tourism), MGM
- Global Management, MGM

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Freshmen admission requirements: 1230 SAT Reasoning OR 25 ACT score, OR graduated in the top 8% of high school class, OR an overall high school GPA of 3.40 in ASU competency courses (scale is 4.00 = "A").

Freshmen should select an additional major when applying for admission. Additional choices may include any of the W. P. Carey business BA programs or any other degree program outside of the W. P. Carey School of Business. Students who are not admissible to a W. P. Carey business BS major and who did not select a second major or are not admissible to their second major choice are placed in a business BA program in the W. P. Carey School of Business.

Readmission requirements: must meet freshman admission requirements by way of high school GPA, test score or class rank and must have a 3.00 transfer GPA (if applicable) and a 3.00 cumulative ASU GPA.

Transfer Admission Requirements:

For students who hold 30 or more transfer credit hours after high school: 3.00 transfer GPA and one of the following: 1160 (prior to March 2016) or 1230 SAT Reasoning (after March 2016) OR 25 ACT score OR the student must have graduated in the top 8% of their high school class OR an overall high school GPA of 3.40 in ASU competency courses (scale is 4.00 = "A").

Transfer students should select an additional major when applying for admission. Additional choices may include any of the W. P. Carey business BA programs or any other business or other degree program outside of the W. P. Carey School of Business.

Students with fewer than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice are placed in the exploratory social and behavioral sciences program in the College of Integrative Sciences and Arts.

Students with more than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice are prompted in My ASU to select a new major.

Change of Major Requirements:

Students should refer to the following W. P. Carey website to determine if they meet change of major requirements:

<https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors> (<https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors>). Students ready to change their major should submit their request through W. P. Carey's Advising SOS: <http://wpcarey.asu.edu/sos> (<http://wpcarey.asu.edu/sos>).

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BAFINBS~null + &college=CBA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates are prepared for careers in:

- consulting
- corporate financial management
- depository institutions
- financial services
- investment banking
- investment management
- portfolio analysis

Contact Information:

Business, W. P. Carey School of
Department of Finance

<https://wpcarey.asu.edu/undergraduate-degrees>

BAC 519
wpcareyfin@asu.edu
480-965-3131

Food Industry Management, BS (BAFIMBS)

Campus: Polytechnic

ASU is no longer accepting new students to this program. Please explore Degree Search for similar program options.

Program Description:

The BS program in food industry management is unique and has been developed in close coordination with partners in the food industry to help ensure graduates have the knowledge and skills needed to become immediate leaders in the industry. Students combine core courses in business disciplines (finance, marketing, management, accounting, supply chain management and economics) with courses specific to the food industry.

Students select from courses in the following areas: environmental management and sustainability, food industry sales and management, food marketing strategy, food retailing, food supply networks, futures and options markets, innovation and food product development, insurance, pricing and promotion strategy in food markets, retail information analysis, and risk management.

Each of the courses addresses a different issue in which fundamental concepts, theoretical approaches, analytical methods and industry practice are unique to the food industry.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Freshman and transfer students must submit either an SAT Reasoning test score or an ACT test score by the end of the first semester in the program (we do not require the writing portion of these tests). There is no minimum score requirement.

Freshman admission requirements for this program are the same as the university's freshman admission requirements.

Readmission requirements: must meet freshman admission requirements by way of high school GPA, test score or class rank and must have a 3.00 transfer GPA (if applicable) and a 3.00 cumulative ASU GPA.

Transfer Admission Requirements:

Transfer applicants must have a 3.00 GPA for all transfer work and meet university transfer admission requirements. Transfer students should select an additional major, which must be outside W. P. Carey School of Business, when applying for admission.

Students with fewer than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice will be placed in the exploratory social and behavioral sciences program in the College of Integrative Sciences and Arts.

Students with more than 45 transfer hours who are not admissible to the College of Letters and Sciences will be contacted to select an appropriate major.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BAFIMBS~null + &college=CBA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

The W. P. Carey degree program in food industry management prepares students for business careers in the food industry, which is defined as the group of firms and organizations involved with manufacturing, marketing and distributing food beyond the farm to retail stores, restaurants and institutions such as schools and hospitals.

Potential careers for graduates include:

- brand manager for a food manufacturing firm
- commodities trader for an investment bank or hedge fund
- district manager for a food retailer
- loan officer for a bank with a food-industry portfolio

Contact Information:

Business, W. P. Carey School of
Morrison School of Agribusiness
<https://wpcarey.asu.edu/undergraduate-degrees>
SANTN 230
wpcareyug@asu.edu
480-727-5183

Management, BS (BAMGTBS)

Campus: Polytechnic, Tempe, West, Online

Program Description:

The W. P. Carey BS program in management prepares students to become effective managers and team leaders by providing theoretical and conceptual knowledge and by building critical skills such as:

- analytical research and problem-solving
- communication
- critical thinking
- global applications
- leadership
- personal ethics and integrity
- teamwork

The curriculum includes the fundamentals of the global economy, the world of e-business, ethics, human resource and strategic management, and collaborative team skills. Throughout the program, theories and concepts of management and ethical leadership are enhanced by experiencing and testing them in skill-based exercises, case discussions and real-world, team-based project work.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Accelerated Degree Options:

This program allows students to choose either a 2.5- or a 3-year path while participating in the same high-quality educational experience of a 4-year option. Students can opt to fast-track their studies after acceptance into a participating program by connecting with their academic advisor. Fast track options appear at the top of the major map.

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Global Management (Creative Industries and Design Thinking), MGM
- Global Management (Digital Audience Strategy), MGM
- Global Management (Global Affairs), MGM
- Global Management (Global Business), MGM
- Global Management (Global Development and Innovation), MGM
- Global Management (Global Digital Transformation), MGM

Global Management (Global Entrepreneurship), MGM
Global Management (Global Health Care Delivery), MGM
Global Management (Global Legal Studies), MGM
Global Management (Integrated Health Care), MGM
Global Management (Nonprofit Leadership and Management), MGM
Global Management (Public Administration), MGM
Global Management (Public Policy), MGM
Global Management (Sustainability Solutions), MGM
Global Management (Sustainable Tourism), MGM
Global Management, MGM

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Freshmen admission requirements: 1230 SAT Reasoning OR 25 ACT score, OR graduated in the top 8% of high school class, OR an overall high school GPA of 3.40 in ASU competency courses (scale is 4.00 = "A").

Freshmen should select an additional major when applying for admission. Additional choices may include any of the W. P. Carey business BA programs or any other degree program outside of the W. P. Carey School of Business. Students who are not admissible to a W. P. Carey business BS major and who did not select a second major or are not admissible to their second major choice are placed in a business BA program in the W. P. Carey School of Business.

Readmission requirements: must meet freshman admission requirements by way of high school GPA, test score or class rank and must have a 3.00 transfer GPA (if applicable) and a 3.00 cumulative ASU GPA.

Transfer Admission Requirements:

Transfer admission requirements (30 or more semester hours of credit after high school): 3.00 transfer GPA and one of the following: 1160 (prior to March 2016) or 1230 SAT Reasoning (after March 2016) OR 25 ACT score OR the student must have graduated in the top 8% of their high school class OR an overall high school GPA of 3.40 in ASU competency courses (scale is 4.00 = "A").

Transfer students should select an additional major when applying for admission. Additional choices may include any of the W. P. Carey business BA programs or any other business or other degree program outside of the W. P. Carey School of Business.

Students with fewer than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice are placed in the exploratory social and behavioral sciences program in the College of Integrative Sciences and Arts.

Students with more than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice are prompted in My ASU to select a new major.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-management/>)

Change of Major Requirements:

Students should refer to the following W. P. Carey website to determine if they meet change of major requirements:

<https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors> (<https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors>). Students ready to change their major should submit their request through W. P. Carey's Advising SOS: <http://wpcarey.asu.edu/sos> (<http://wpcarey.asu.edu/sos>).

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BAMGTBS-null + &college=CBA>) to outline a list of

recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

The management major prepares graduates for managerial leadership in a world characterized by:

- corporate accountability
- cross-functional management
- demands for continuous process improvements to enhance the value chain
- ethical decision-making
- growing technological sophistication
- racial, cultural and gender diversity in the workforce
- the fast pace of e-business
- the need for skills in communicating and working with people, directing projects and managing change

Graduates with skills in these areas are likely to be recruited by:

- for-profit and nonprofit organizations
- high-tech firms
- large and small organizations
- management consulting firms
- service and manufacturing firms

The ONET salaries below reflect median salaries, not starting salaries.

Contact Information:

Business, W. P. Carey School of
Department of Management and Entrepreneurship
<https://wpcarey.asu.edu/undergraduate-degrees>
BA 323
wpcareymgt@asu.edu
480-965-3431

Marketing, BS (BAMKTBS)

Campus: Tempe, Online

Program Description:

Students pursuing the BS in marketing gain an understanding of the science behind consumer behavior and the critical role that marketing plays in all organizations. In addition, students develop marketing skills that provide a competitive advantage in their careers. The nationally ranked and award-winning marketing faculty share a passion for teaching and mentoring undergraduate students. Faculty members provide many productive ways for students to get involved in the life of the department and work with business partners.

The department is home to the Center for Services Leadership, the premier international center for the study of the science of services, and offers distinctive coursework in professional sales, relationship management and sports business.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Accelerated Degree Options:

This program allows students to choose either a 2.5- or a 3-year path while participating in the same high-quality educational experience of a 4-year option. Students can opt to fast-track their studies after acceptance into a participating program by connecting with their academic advisor. Fast track options appear at the top of the major map.

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Global Management (Creative Industries and Design Thinking), MGM

Global Management (Data Science), MGM

Global Management (Digital Audience Strategy), MGM
Global Management (Global Affairs), MGM
Global Management (Global Business), MGM
Global Management (Global Development and Innovation), MGM
Global Management (Global Digital Transformation), MGM
Global Management (Global Entrepreneurship), MGM
Global Management (Global Health Care Delivery), MGM
Global Management (Global Legal Studies), MGM
Global Management (Integrated Health Care), MGM
Global Management (Nonprofit Leadership and Management), MGM
Global Management (Public Administration), MGM
Global Management (Public Policy), MGM
Global Management (Sustainability Solutions), MGM
Global Management (Sustainable Tourism), MGM
Global Management, MGM

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Freshmen admission requirements: 1230 SAT Reasoning OR 25 ACT score, OR graduated in the top 8% of high school class, OR an overall high school GPA of 3.40 in ASU competency courses (scale is 4.00 = "A").

Freshmen should select an additional major when applying for admission. Additional choices may include any of the W. P. Carey business BA programs or any other degree program outside of the W. P. Carey School of Business. Students who are not admissible to a W. P. Carey business BS major and who did not select a second major or are not admissible to their second major choice are placed in a business BA program in the W. P. Carey School of Business.

Readmission requirements: Students must meet freshman admission requirements by way of high school GPA, test score or class rank and must have a 3.00 transfer GPA (if applicable) and a 3.00 cumulative ASU GPA.

Transfer Admission Requirements:

Transfer admission requirements (30 or more semester hours of credit after high school): 3.00 transfer GPA and one of the following: 1160 (prior to March 2016) or 1230 SAT Reasoning (after March 2016) OR 25 ACT score OR the student must have graduated in the top 8% of their high school class OR an overall high school GPA of 3.40 in ASU competency courses (scale is 4.00 = "A").

Transfer students should select an additional major when applying for admission. Additional choices may include any of the W. P. Carey business BA programs or any other business or other degree program outside of the W. P. Carey School of Business.

Students with fewer than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice are placed in the exploratory social and behavioral sciences program in the College of Integrative Sciences and Arts.

Students with more than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice are prompted in My ASU to select a new major.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-marketing/>)

Change of Major Requirements:

Students should refer to the following W. P. Carey website to determine if they meet change of major requirements:

<https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors> (<https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors>). Students ready to change their major should submit their request through W. P. Carey's Advising SOS: <http://wpcarey.asu.edu/sos> (<http://wpcarey.asu.edu/sos>).

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercrreditguide/app/transfermap?major=BAMKTBS~null + &college=CBA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Through the proper selection of coursework and other educational experiences, a marketing student may prepare for a variety of careers in areas such as:

- business development
- business-to-business marketing
- customer relationship management
- international marketing
- market research and information management
- marketing communications
- professional sales and relationship management
- retail management
- sales management
- services marketing

The degree program provides fundamentals, flexibility and specialization opportunities.

Contact Information:

Business, W. P. Carey School of
Department of Marketing
<https://wpcarey.asu.edu/undergraduate-degrees>
BAC 460
wpcareymkt@asu.edu
480-965-3621

Marketing (Digital and Integrated Marketing Communications), BS (BAMKDIMCBS)

Campus: Tempe

Program Description:

Designed specifically for the marketing major, this digital and integrated marketing communications concentration builds on the knowledge provided in the major and prepares marketing students with specialized knowledge and training in the areas of advertising, brand management and digital marketing.

The purpose of the concentration within the BS program in marketing is to equip students with cutting-edge knowledge in the marketing communications area so they are well-prepared to assume jobs in the areas of advertising, brand management and digital marketing. This concentration enhances the marketing degree by providing specialized expertise to our graduates in an area that is growing in importance in the marketplace.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Global Management (Creative Industries and Design Thinking), MGM
- Global Management (Data Science), MGM
- Global Management (Digital Audience Strategy), MGM
- Global Management (Global Affairs), MGM
- Global Management (Global Business), MGM

Global Management (Global Development and Innovation), MGM
Global Management (Global Digital Transformation), MGM
Global Management (Global Entrepreneurship), MGM
Global Management (Global Health Care Delivery), MGM
Global Management (Global Legal Studies), MGM
Global Management (Integrated Health Care), MGM
Global Management (Nonprofit Leadership and Management), MGM
Global Management (Public Administration), MGM
Global Management (Public Policy), MGM
Global Management (Sustainability Solutions), MGM
Global Management (Sustainable Tourism), MGM
Global Management, MGM

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Freshmen admission requirements: 1230 SAT Reasoning OR 25 ACT score, OR graduated in the top 8% of high school class, OR an overall high school GPA of 3.40 in ASU competency courses (scale is 4.00 = "A").

Freshmen should select an additional major when applying for admission. Additional choices may include any of the W. P. Carey business BA programs or any other degree program outside of the W. P. Carey School of Business. Students who are not admissible to a W. P. Carey business BS major and who did not select a second major or are not admissible to their second major choice are placed in a business BA program in the W. P. Carey School of Business.

Readmission requirements: Students must meet Freshman admission requirements by way of high school GPA, test score or class rank and must have a 3.00 transfer GPA (if applicable) and a 3.00 cumulative ASU GPA.

Transfer Admission Requirements:

Transfer admission requirements (30 or more semester hours of credit after high school): 3.00 transfer GPA and one of the following: 1160 (prior to March 2016) or 1230 SAT Reasoning (after March 2016) OR 25 ACT score OR the student must have graduated in the top 8% of their high school class OR an overall high school GPA of 3.40 in ASU competency courses (scale is 4.00 = "A").

Transfer students should select an additional major when applying for admission. Additional choices may include any of the W. P. Carey business BA programs or any other business or other degree program outside of the W. P. Carey School of Business.

Students with fewer than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice are placed in the exploratory social and behavioral sciences program in the College of Integrative Sciences and Arts.

Students with more than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice are prompted in My ASU to select a new major.

Change of Major Requirements:

Students should refer to the following W. P. Carey website to determine if they meet change of major requirements:

<https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors> (<https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors>). Students ready to change their major should submit their request through W. P. Carey's Advising SOS: <http://wpcarey.asu.edu/sos> (<http://wpcarey.asu.edu/sos>).

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BAMKDIMCBS~null + &college=CBA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

While the number and quality of job opportunities in advertising and brand management is relatively small, the number of entry-level positions in digital marketing has exploded. A sampling of career opportunities include:

- digital account manager
- digital marketing analyst
- digital marketing coordinator
- digital marketing specialist
- electronic marketing specialist

Contact Information:

Business, W. P. Carey School of
Department of Marketing
<https://wpcarey.asu.edu/undergraduate-degrees>
BAC 460
wpcareymkt@asu.edu
480-965-3621

Marketing (Professional Sales), BS (BAMKTPSBS)

Campus: Tempe

Program Description:

The W. P. Carey BS program in marketing with a concentration in professional sales is designed for undergraduate marketing students who are interested in pursuing the many opportunities in professional sales.

The curriculum includes courses in professional sales as well as sales management and consumer behavior. This program prepares students to be successful account managers or sales team leaders in both business-to-business and business-to-consumer settings.

An internship in sales, as a component of the professional sales concentration, is required.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Global Management (Creative Industries and Design Thinking), MGM
- Global Management (Data Science), MGM
- Global Management (Digital Audience Strategy), MGM
- Global Management (Global Affairs), MGM
- Global Management (Global Business), MGM
- Global Management (Global Development and Innovation), MGM
- Global Management (Global Digital Transformation), MGM
- Global Management (Global Entrepreneurship), MGM
- Global Management (Global Health Care Delivery), MGM
- Global Management (Global Legal Studies), MGM
- Global Management (Integrated Health Care), MGM
- Global Management (Nonprofit Leadership and Management), MGM
- Global Management (Public Administration), MGM
- Global Management (Public Policy), MGM
- Global Management (Sustainability Solutions), MGM
- Global Management (Sustainable Tourism), MGM
- Global Management, MGM

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Freshmen admission requirements: 1230 SAT Reasoning OR 25 ACT score, OR graduated in the top 8% of high school class, OR an overall high school GPA of 3.40 in ASU competency courses (scale is 4.00 = "A").

Freshmen should select an additional major when applying for admission. Additional choices may include any of the W. P. Carey business BA programs or any other degree program outside of the W. P. Carey School of Business. Students who are not admissible to a W. P. Carey business BS major and who did not select a second major or are not admissible to their second major choice are placed in a business BA program in the W. P. Carey School of Business.

Readmission requirements: Students must meet freshman admission requirements by way of high school GPA, test score or class rank and must have a 3.00 transfer GPA (if applicable) and a 3.00 cumulative ASU GPA.

Transfer Admission Requirements:

Transfer admission requirements (30 or more semester hours of credit after high school): 3.00 transfer GPA and one of the following: 1160 (prior to March 2016) or 1230 SAT Reasoning (after March 2016) OR 25 ACT score OR the student must have graduated in the top 8% of their high school class OR an overall high school GPA of 3.40 in ASU competency courses (scale is 4.00 = "A").

Transfer students should select an additional major when applying for admission. Additional choices may include any of the W. P. Carey business BA programs or any other business or other degree program outside of the W. P. Carey School of Business.

Students with fewer than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice are placed in the exploratory social and behavioral sciences program in the College of Integrative Sciences and Arts.

Students with more than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice are prompted in My ASU to select a new major.

Change of Major Requirements:

Students should refer to the following W. P. Carey website to determine if they meet change of major requirements:

<https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors> (<https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors>). Students ready to change their major should submit their request through W. P. Carey's Advising SOS: <http://wpcarey.asu.edu/sos> (<http://wpcarey.asu.edu/sos>).

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BAMKTPSBS~null + &college=CBA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

The number of employers interested in hiring professionals for sales roles far exceeds the number of students who are pursuing career opportunities in sales. This concentration prepares students for careers in account management across a variety of industries in the business-to-business and consumer products domains.

Contact Information:

Business, W. P. Carey School of

Department of Marketing

<https://wpcarey.asu.edu/undergraduate-degrees>

BAC 460
wpcareymkt@asu.edu
480-965-3621

Supply Chain Management, BS (BASCMBMS)

Campus: Tempe, Online

Program Description:

Supply chain managers coordinate the purchase of raw materials and the manufacturing and the transportation of materials across multiple vendors and countries to provide the services and goods sitting on a local store shelf or available through an online retailer. Supply chain management is a key reason that people can buy an ever-increasing variety of goods and services at remarkably low prices.

The BS program in supply chain management provides W. P. Carey School of Business students with an in-depth knowledge of integrated supply chain management. The curriculum focuses on:

- execution systems
- logistics
- negotiations
- operations
- planning
- procurement
- strategy development

Classes are small and use projects and case studies to bring the material to life.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Concurrent Degrees:

This degree is also offered as concurrent degree program with Sustainability, BA

Accelerated Degree Options:

This program allows students to choose either a 2.5- or a 3-year path while participating in the same high-quality educational experience of a 4-year option. Students can opt to fast-track their studies after acceptance into a participating program by connecting with their academic advisor. Fast track options appear at the top of the major map.

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Global Management (Creative Industries and Design Thinking), MGM
- Global Management (Digital Audience Strategy), MGM
- Global Management (Global Affairs), MGM
- Global Management (Global Business), MGM
- Global Management (Global Development and Innovation), MGM
- Global Management (Global Digital Transformation), MGM
- Global Management (Global Entrepreneurship), MGM
- Global Management (Global Health Care Delivery), MGM
- Global Management (Global Legal Studies), MGM
- Global Management (Integrated Health Care), MGM
- Global Management (Nonprofit Leadership and Management), MGM
- Global Management (Public Administration), MGM
- Global Management (Public Policy), MGM
- Global Management (Sustainability Solutions), MGM
- Global Management (Sustainable Tourism), MGM
- Global Management, MGM

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Freshmen admission requirements: Students must have a score of 1230 SAT Reasoning OR 25 ACT score, OR graduated in the top 8% of high school class, OR an overall high school GPA of 3.40 in ASU competency courses (scale is 4.00 = "A").

Freshmen should select an additional major when applying for admission. Additional choices may include any of the W. P. Carey business BA programs or any other degree program outside of the W. P. Carey School of Business. Students who are not admissible to a W. P. Carey business BS major and who did not select a second major or are not admissible to their second major choice are placed in a business BA program in the W. P. Carey School of Business.

Readmission requirements: Students must meet freshman admission requirements by way of high school GPA, test score or class rank and must have a 3.00 transfer GPA (if applicable) and a 3.00 cumulative ASU GPA.

Transfer Admission Requirements:

Transfer admission requirements (30 or more semester hours of credit after high school): Students must have a 3.00 transfer GPA and a score of 1160 (prior to March 2016) or 1230 SAT Reasoning (after March 2016) OR 25 ACT score OR the student must have graduated in the top 8% of their high school class OR an overall high school GPA of 3.40 in ASU competency courses (scale is 4.00 = "A").

Transfer students should select an additional major when applying for admission. Additional choices may include any of the W. P. Carey business BA programs or any other business or other degree program outside of the W. P. Carey School of Business.

Students with fewer than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice are placed in the exploratory social and behavioral sciences program in the College of Integrative Sciences and Arts.

Students with more than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice are prompted in My ASU to select a new major.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/supply-chain-management-bs/>)

Change of Major Requirements:

Students should visit the W. P. Carey website (<https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors>) (<https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors>) to determine if they meet change of major requirements. Students ready to change their major should submit their request through W. P. Carey's Advising SOS: <https://apps.wpcarey.asu.edu/apps/advising/index.cfm> (<https://apps.wpcarey.asu.edu/apps/advising/index.cfm>).

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BASCMBS-null + &college=CBA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Career track progression could lead to the vice president level in supply chain-related areas. Firms recruit ASU supply chain management graduates from around the world and in all sectors of the economy, including:

- health care
- manufacturing
- public and private
- retail
- service

Graduates of program are highly sought after and have excellent placements. The following are some positions that supply chain management

graduates have obtained:

- buyer or planner
- commodity manager
- distribution manager
- internet marketing analyst
- inventory specialist
- logistics planner
- materials manager
- operations planner or analyst
- planner or analyst
- product forecaster
- production coordinator
- production line manager
- production scheduler
- quality control specialist
- supply management analyst

Contact Information:

Business, W. P. Carey School of
Department of Supply Chain Management
<https://wpcarey.asu.edu/undergraduate-degrees>
BA 446
wpcareyscm@asu.edu
480-965-6044

Technological Entrepreneurship and Management, BS (TSTEM2BS)

Campus: Polytechnic, Online

Program Description:

The BS program in technological entrepreneurship and management advances the knowledge and practice of entrepreneurship and innovation. To enhance students' understanding of business fundamentals, the Fulton Schools of Engineering have partnered with the W. P. Carey School of Business to offer a degree that is jointly conferred by both colleges. The degree program prepares students to address social and corporate issues to impact and change the world; create, launch and improve technology-based products, services and ventures; and identify and solve open-ended problems using engineering and technology approaches.

Students receive a foundation in both technology and business fundamentals, with an emphasis on technology entrepreneurship and innovation in one of two focus areas: innovation and operation management or social entrepreneurship.

The objectives for this degree program are that students demonstrate the ability to identify, analyze and synthesize information to address and solve use-inspired, open-ended problems, assessing their impact on social, cultural and economic environments; formulate methodologies to advance the knowledge of entrepreneurship and innovation; launch technology-based products and services from idea generation through actualization; use quantitative and qualitative methods to demonstrate continuous improvement of products, services and processes; and utilize a systems approach for the effective design and improvement of entrepreneurial and innovation ventures.

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Applied Leadership and Management, MALM
- Global Management, MGM
- Global Technology and Development, MS
- Technology (Management of Technology), MSTech

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-technological-entrepreneurship-and-management/>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TSTEM2BS~null>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Small businesses and startups create the majority of new jobs in the U.S. while larger corporations seek individuals who can see the big picture and solve complex problems.

Students in the technological entrepreneurship and management program learn the range of skills needed to develop new products, services and business models as well as whole new industries.

The technological entrepreneurship and management program prepares students for a wide variety of career possibilities; some examples are technology-based entrepreneurship, product development, consulting, venture capital analysis, business development, market analysis and technology marketing.

Contact Information:

Business, W. P. Carey School of

Tech Entrepreneurship & Mgmt

<https://poly.engineering.asu.edu/tem/bs-technological-entrepreneurship-and-management/>

WANER 230

polyadvising@asu.edu

480-727-1874

Design & the Arts, Herberger Institute for

Architectural Studies, BSD (ARSTDBSD)

Campus: Tempe

Program Description:

Architects design buildings and environments that are useful, sustainable and aesthetically pleasing. This implies an understanding of people's needs, the science and technology of building and the concepts of aesthetics.

The faculty in The Design School offer a BSD in architectural studies. In addition to developing knowledge and skills in architectural thinking, building technology, history and theory, and professional practice, students are encouraged to select electives from a broad range of approved courses within the institute and across the university. These electives may be selected to devise a minor, to further professional study or to enrich

the student's academic experience in some other fashion.

This is an eight-semester program requiring sequential completion of studio coursework or approved equivalent at any point of entry.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 170 - Precalculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

An ASU student who would like to change majors to one offered by the Herberger Institute or one of its programs must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ARSTDBSD~null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates of the bachelor's degree program are prepared for graduate school as well as a range of design-related careers. Those who wish to become licensed can complete their professional studies by attending an accredited professional master's degree. The Design School offers a two-year professional MArch for graduates of the undergraduate program.

Contact Information:

Design & the Arts, Herberger Institute for
The Design School

<https://design.asu.edu/degree-programs>

CDN 162

herbergeradvising@asu.edu

480-965-4495

Art (Animation), BFA (HIARTANBFA)

Campus: Tempe

Program Description:

The BFA program in art with a concentration in animation prepares students to excel in the field of animation. Animation students are provided an education that simultaneously sustains tradition and fosters innovation through embracing new visualization methodologies and tools with the potential to advance discoveries and insights across disciplines. Upon completion of the program, students will be able to demonstrate the technical and artistic abilities to create animations for exhibition in arts venues (galleries, museums, festivals, etc.) and entertainment media-arts industries (cinema, TV, web, video games, virtual reality, augmented reality, robotics and emerging forms), and pursue advanced research in graduate animation programs

The mission of the Herberger Institute for Design and the Arts is to create works of art, explore the history and traditions of art production, understand more about art's function in society, and promote national and international recognition for research and creative activities while fostering cultural development in the community.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=HIARTANBFA--null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Animators work within the realms of fine arts, design, cinema, television, games, online media, augmented and virtual reality, scientific and data visualization, medical illustration, robotics and a range of other emerging fields. Top job titles for those with an education in animation include graphic designer, artist, designer, art director, animator, graphic artist, multimedia designer and creative director. Nationally, since 2017, jobs for multimedia artists, animators, film and video editors are trending upward.

Contact Information:

Design & the Arts, Herberger Institute for

School of Art

<https://art.asu.edu/>

ART 102

herbergeradvising@asu.edu

480-965-8521

Art (Art Education), BFA (FAARTEBFA)

Campus: Tempe

Program Description:

The BFA program in art with a concentration in art education involves creative teaching and learning processes and strategies, first-hand experience teaching art with a range of ages, the study of art history and global cultures, and practice in a variety of studio areas.

The program focuses on engaging with artistic inquiry and education in K-12, community and museum settings. Students investigate issues related to teaching art from multiple perspectives, including:

- creativity and critical thinking
- ecological connections
- inquiry-based learning
- interdisciplinary curriculum development
- multicultural contexts
- studio and conceptual art practices

In addition to their art education coursework, students are required to take coursework in the various studio areas offered in the School of Art. Students declare their Bachelor of Fine Arts concentration at the time of their ASU admission. Following admission, if students wish to change their concentration, they may meet with their School of Art academic advisor.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

OR MAT 117 OR MAT 119

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Students are admitted directly to the art education concentration upon admittance to the BFA program in art.

Transfer Admission Requirements:

Transfer students who have completed the foundational core and pre-art requirements are admitted directly to the art education concentration upon admittance to the BFA program in art. To complete an undergraduate degree in four years, it is recommended that community college transfer students, who are completing a two-year degree and have completed the foundational core and pre-art requirements, apply and submit a declaration form in the semester they are completing their community college degree or the semester before they plan to enter Arizona State University.

Direct transfer of courses from other accredited institutions to the Herberger Institute for Design and the Arts are subject to the existence of parallel and equal courses in the college's curriculum and subject to departmental or school evaluation of studio courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 credit hours in resident credit at ASU. Transfer students enrolled in the college must complete a minimum of 15 credit hours of resident credit in the major as approved by the faculty.

Change of Major Requirements:

An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=FAARTEBFA~null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates who also complete the state certification requirements for an art specialist certificate may teach in public and private elementary schools, middle schools and high schools. Graduates who do not seek state certification may find opportunities for jobs with some charter schools, art museums, nonprofit art spaces and recreational or community-oriented service groups that offer art instruction.

Contact Information:

Design & the Arts, Herberger Institute for
School of Art

<https://art.asu.edu/degree-programs/art-education?dept=160343&id=1>

ART 102

herbergeradvising@asu.edu

Art (Art History), BA (FAARTHBA)

Campus: Tempe, Online

Program Description:

The BA in art history is a dynamic program for the investigation of visual culture in which students engage with a rich and diverse curriculum.

Faculty members emphasize critical concepts in their teaching, including the close study of artists, objects and technologies. Students explore art's history in economic, social and political contexts and the relationship of visual art to other disciplines such as literature, science, anthropology, media and performance studies. In addition to art history courses, the program includes interdisciplinary coursework from departments across the university.

Internships are available at a wide range of arts organizations. The program is enriched by partnerships with the ASU Art Museum and museums throughout the Phoenix metropolitan area and beyond, including an affiliation with the Los Angeles County Museum of Art.

Additional Program Fee: Y

Second Language Requirement: Yes

First Required Math Course: MAT 142 - College Mathematics OR MAT 117 OR MAT 119

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Creative Enterprise and Cultural Leadership, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Students meeting the university requirements for admission may matriculate in the Herberger Institute for Design and the Arts. Separate admission procedures and approvals are required for some programs within the college. Students must contact specific departments or schools for details.

Freshmen students applying to the Herberger Institute School of Art enter ASU as art exploratory majors in the School of Art. There is no portfolio review process at the time of admission to ASU for freshmen.

Typically students in their second year who are interested in studio art and art education will submit a portfolio for review once they have completed their core requirements and are completing the last of the 12 hours of 200-level art requirements, or if they are interested in art history or museum studies they will submit a declaration form in the semester in which they complete 30 hours.

Transfer Admission Requirements:

Direct transfer of courses from other accredited institutions to the Herberger Institute for Design and the Arts are subject to the existence of parallel and equal courses in the college's curriculum and subject to departmental or school evaluation of studio courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 hours in resident credit at ASU. Transfer students enrolled in the college must complete a minimum of 15 hours of resident credit in the major as approved by the faculty.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-art-history/>)

Change of Major Requirements:

An ASU student who would like to change a major to one offered by the Herberger Institute for Design and the Arts must have a minimum

cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=FAARTHBA~null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates of art history at the bachelor's degree level find employment opportunities in commercial art galleries, art museums and historical societies and archives. Other options include arts agencies and public art programs or admission to prestigious graduate programs across the nation.

A graduate degree is essential for professional positions; a master's degree prepares individuals to teach at the community college level, practice and publish as an art critic or writer, enhance one's own practice as an artist, or gain entry into museums, archives, historical societies, auction houses, publishing companies and academic presses as well as to art libraries. The doctorate is a necessity for employment as a university or college teacher and for responsible administrative and curatorial positions in the museum and publishing world.

Contact Information:

Design & the Arts, Herberger Institute for
School of Art

<https://art.asu.edu/degree-programs/art-history-museum-studies?dept=160344&id=1>

ART 102

herbergeradvising@asu.edu

480-965-8521

Art (Art Studies), BA (FAARTSTDBA)

Campus: Tempe

Program Description:

The art studies curriculum offers students a broad educational foundation in the arts and general studies. The BA in art with a concentration in art studies is a multidisciplinary program featuring coursework in art history, studio art, performing arts and a range of arts-related courses across the university.

This concentration offers students a great deal of flexibility in planning coursework. The scope of offerings in art is unparalleled and the ability to combine art classes with offerings from other disciplines at ASU makes this a uniquely open degree. Art studies students can design a course of study focused on their individual aspirations in consultation with faculty advisors.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

OR MAT 117 OR MAT 119

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Students meeting the university requirements for admission may matriculate in the Herberger Institute for Design and the Arts. Separate admission procedures and approvals are required for some programs within the college. Students must contact specific departments or schools for details.

Freshmen may apply directly to the art studies program; there is no portfolio review for this major.

Transfer Admission Requirements:

Direct transfer of courses from other accredited institutions to the Herberger Institute for Design and the Arts are subject to the existence of parallel and equal courses in the college's curriculum and subject to departmental or school evaluation of studio courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 semester hours in resident credit at ASU. Transfer students enrolled in the college must complete a minimum of 15 semester hours of resident credit in the major as approved by the faculty.

Change of Major Requirements:

An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=FAARTSTDBA~null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

This program prepares students to initiate creative careers as visual artists or as professionals in the public and private spheres. The wide range of options include independent artist, commission artist, museum or gallery professional, art dealer, creative art director, private school teacher, college professor, community-based artist (in health care settings, nonprofit agencies, and local and national public arts) and many others. Career opportunities are also available with employers who seek graduates with a well-rounded humanities education.

Contact Information:

Design & the Arts, Herberger Institute for
School of Art
<https://art.asu.edu/degree-programs/art-studies>
ART 102
herbergeradvising@asu.edu
480-965-8521

Art (Ceramics), BFA (FAARTCBFA)

Campus: Tempe

Program Description:

The BFA in art with a concentration in ceramics provides a stimulating and challenging environment for artistic and intellectual growth. With the realization that discipline, familiarity with historical precedents and freedom go hand in hand with creative activities, the ceramics program strikes a balance between the acquisition of traditional skills and the promotion of independence and innovation. Responsibility is placed on the individual student to find personally meaningful content and an effective means to express that content within the ceramic arts.

The ceramics program features a complete and varied line of kilns, wheels and other equipment. Faculty members ensure that students of the program learn the techniques and concepts that enable them to take their work in any direction they wish. A guest artist schedule enhances the program as does the Ceramics Research Center at the ASU Art Museum, which has a collection of more than 3,000 pieces and provides unparalleled opportunities to study and research the ceramic arts.

Students declare their BFA concentration at the time of their ASU admission. Following admission, if students wish to change their BFA concentration, they may meet with their School of Art academic advisor.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

OR MAT 117 OR MAT 119

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Students are admitted directly to the ceramics concentration upon admittance to the BFA program in art.

Transfer Admission Requirements:

Transfer students who have completed the foundational core and pre-art requirements are admitted directly to the ceramics concentration upon admittance to the BFA program in art. To complete an undergraduate degree in four years, it is recommended that community college transfer students, who are completing a two-year degree and have completed the foundational core and pre-art requirements, apply and submit a declaration form in the semester they are completing their community college degree or the semester before they plan to enter Arizona State University.

Direct transfer of courses from other accredited institutions to the Herberger Institute for Design and the Arts are subject to the existence of parallel and equal courses in the college's curriculum and subject to departmental or school evaluation of studio courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 credit hours in resident credit at ASU. Transfer students enrolled in the college must complete a minimum of 15 credit hours of resident credit in the major as approved by the faculty.

Change of Major Requirements:

An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=FAARTCBFA~null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates of the undergraduate and graduate programs work as artists in the field, selling their works through commercial galleries, commissions and to private collectors. Some artists work as designers and consultants to the commercial ceramic industry; others set up their own businesses, producing handcrafted functional ware, architectural tiles and one-of-a-kind works.

Contact Information:

Design & the Arts, Herberger Institute for
School of Art

<https://art.asu.edu/degree-programs/ceramics>

ART 102

herbergeradvising@asu.edu

480-965-8521

Art (Digital Photography), BFA (HIARTDPBFA)

Campus: Online

Program Description:

The BFA in digital photography teaches students to master the technical, aesthetic and conceptual aspects of photography in the information age.

Through assignments, readings, lectures, critiques, discussion and projects, students work with classmates, artists and faculty to develop and refine

their own creative vision and comprehensive knowledge of the theory, practice and history of photography. Not bound by traditional schedules or the limitations of location, this program's flexibility creates a unique community of instructors and students and provides studio-practice art education to a wide and diverse student population.

The program culminates in a capstone course dedicated to producing a self-defined final portfolio of accomplished work.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/art-digital-photography-bfa/>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=HIARTDPBFA-null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Career possibilities for students with a degree in this concentration include

- client-based and editorial photography
- documentary photography
- fine art photography
- journalism
- photo book publishing
- photo criticism
- photo editing for web
- photo web design
- photographic post-production (retouching)
- video and photo production.
- visual literacy education

Contact Information:

Design & the Arts, Herberger Institute for

School of Art

<https://art.asu.edu>

ART 102

soadmin@asu.edu

480-965-8521

Campus: Tempe

ASU is no longer accepting new students to this program. Students interested in drawing should apply to the painting and drawing concentration (<https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/HIARTPDBFA/undergrad/false>).

Program Description:

The BFA program in art with a concentration in drawing offers a dynamic environment for creative, intellectual and technical growth that leads to quality art practice and professionalism. The program encourages a wide spectrum of innovative approaches to contemporary drawing. Working from a variety of sources and subjects, students develop technical proficiency experimenting with a wide range of materials and processes. In addition, students develop the ability to critically assess imagery through written and verbal analysis. In their final year, students create a body of work with an individualized approach to form and content, culminating in a senior exhibition.

Students declare their BFA concentration at the time of their ASU admission. Following admission, if students wish to change their BFA concentration, they may meet with their School of Art academic advisor.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics or MAT 142 or MAT 119

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Currently, all art students are admitted to ASU into the Bachelor of Arts (art studies) program. They must complete a series of requirements that include foundational coursework to be eligible for study in one of the school's Bachelor of Fine Arts degree programs, which include upper-division coursework in the studio. There is no portfolio review process for admission to the School of Art.

Students in their second year who are interested in studio art and art education obtain a signed BFA declaration form after completing the core requirements and during completion of the last of the 12 hours of 200-level art requirements. Students interested in art history or museum studies submit a major declaration form in the semester in which they complete 30 credit hours. The student's major is changed upon successful completion of the major declaration form. Students may choose to remain in and complete the Bachelor of Arts (art studies).

Beginning Fall 2019, students are admitted directly to the drawing concentration upon admittance to the BFA program in art.

Transfer Admission Requirements:

Transfer students who have completed the foundational core and pre-art requirements may submit a major declaration form before they have been admitted to ASU. To complete an undergraduate degree in four years, it is recommended that community college transfer students, who are completing a two-year degree and have completed the foundational core and pre-art requirements, apply and submit a declaration form in the semester they are completing their community college degree or the semester before they plan to enter Arizona State University.

Direct transfer of courses from other accredited institutions to the Herberger Institute for Design and the Arts are subject to the existence of parallel and equal courses in the college's curriculum and subject to departmental or school evaluation of studio courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 credit hours in resident credit at ASU. Transfer students enrolled in the college must complete a minimum of 15 credit hours of resident credit in the major as approved by the faculty.

Beginning Fall 2019, transfer students are admitted directly to the drawing concentration upon admittance to the BFA program in art.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=FAARTDBFA~null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

This program prepares students to initiate creative careers as visual artists and as professionals in the public and private sphere. Career opportunities depend on focused concentrations within the area and additional education or training per industry standards. Professions could include independent artist, illustrator, mural painter, commission artist, museum or gallery professional, art dealer, creative art director, private school teacher, college professor, community-based artist (in healthcare setting, nonprofit agencies, local and national public arts) and many others.

Contact Information:

Design & the Arts, Herberger Institute for
School of Art
<https://art.asu.edu/degree-programs/drawing-painting>
ART 102
herbergeradvising@asu.edu
480-965-8521

Art (Intermedia), BFA (FAARTIBFA)

Campus: Tempe

Program Description:

Students of the intermedia art concentration study traditional and emerging forms and orientations, including performance, installation, 3D fabrication, digital sculpture, public and place-based art, digital animation, and experimental and documentary video.

Faculty also teach special topics, including the recent studio seminars on walking as art practice and the engagement of women in the field of art and technology. Intermedia faculty nurture students' talents and provide them with the skills they need to capture creative and professional opportunities, exhibitions, grants, commissions, residencies and employment as educators, curators, and media and arts professionals across an array of established and emerging fields.

Students declare their BFA concentration at the time of their ASU admission. Following admission, if students wish to change their BFA concentration, they may meet with their School of Art academic advisor.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

OR MAT 117 OR MAT 119

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Students are admitted directly to the intermedia concentration upon admittance to the BFA program in art.

Transfer Admission Requirements:

Transfer students who have completed the foundational core and pre-art requirements are admitted directly to the intermedia concentration upon admittance to the BFA program in art. To complete an undergraduate degree in four years, it is recommended that community college transfer students, who are completing a two-year degree and have completed the foundational core and pre-art requirements, apply and submit a declaration form in the semester they are completing their community college degree or the semester before they plan to enter Arizona State University.

Direct transfer of courses from other accredited institutions to the Herberger Institute for Design and the Arts are subject to the existence of parallel and equal courses in the college's curriculum and subject to departmental or school evaluation of studio courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 credit hours in resident credit at ASU. Transfer students enrolled in the college must complete a minimum of 15 credit hours of resident credit in the major as approved by the faculty.

Change of Major Requirements:

An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=FAARTIBFA~null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Career opportunities depend on the emphasis selected. Possibilities include:

- computer graphics and animation
- community-based artist (in schools, healthcare setting, nonprofit agencies)
- event production and cultural production
- positions in the music or entertainment industry
- video production and post-production
- web-based entertainment, education and communication

Professions may include:

- animator
- art director and set designer
- audio and video equipment technician
- commercial and industrial designer
- elementary or secondary school teacher
- independent artist
- marketing and public relations director
- media consultant
- museum and gallery curator, staff, director or art dealer
- performer
- professor
- video and media producer or designer
- video game designer

Contact Information:

Design & the Arts, Herberger Institute for
School of Art

<https://art.asu.edu/degree-programs/intermedia?dept=160348&id=1>

ART 102

herbergeradvising@asu.edu

480-965-8521

Art (Museum Studies), BA (FAARTMSBA)

Campus: Tempe, Online

Program Description:

The BA in art with a concentration in museum studies at ASU is one of the most rigorous programs in the U.S.

Through coursework and internships, students of museum studies explore art and museums, historical societies, archives, art galleries, public art programs, arts publishing and arts agencies. The program ensures that students are knowledgeable in art history and visual thinking as well as in museum practice. Upon completion, students possess critical-writing skills and foreign language ability (students must demonstrate an ability to read at least one foreign language).

The curriculum includes art history courses taught by faculty members of diverse specialties. Museum professionals and arts administrators teach specialized classes in their areas of expertise. Internships enable students to work directly with working arts professionals in their field of interest. In addition to art history and museum studies courses, students also pursue a range of other courses, which can include in business, marketing, fundraising, international tourism and nonprofit management.

Additional Program Fee: Y

Second Language Requirement: Yes

First Required Math Course: MAT 142 - College Mathematics

OR MAT 142 OR MAT 119

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Creative Enterprise and Cultural Leadership, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Students meeting the university requirements for admission may matriculate in the Herberger Institute for Design and the Arts. Separate admission procedures and approvals are required for some programs within the college. Students must contact specific departments or schools for details.

Transfer Admission Requirements:

Direct transfer of courses from other accredited institutions to the Herberger Institute for Design and the Arts are subject to the existence of parallel and equal courses in the college's curriculum and subject to departmental or school evaluation of studio courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 hours in resident credit at ASU. Transfer students enrolled in the college must complete a minimum of 15 hours of resident credit in the major as approved by the faculty.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/art-museum-studies-ba/>)

Change of Major Requirements:

An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=FAARTMSBA~null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates with a bachelor's degree in museum studies find employment opportunities in museums (generally entry-level), art galleries, archives, historical societies, art-based organizations and agencies and with art publishers and publications.

A graduate degree is necessary for many professional positions. An MA in art history or museum studies prepares individuals to teach at the community college level, to practice and publish as an art critic or writer, to enhance one's own practice as an artist or to gain entry into museums, archives, historical societies, auction houses, publishing companies and academic presses, as well as to art libraries. The PhD is necessary for responsible administrative posts in museums and higher education and for employment as a university or college faculty member.

Contact Information:

Design & the Arts, Herberger Institute for
School of Art
<https://art.asu.edu/degree-programs/art-history-museum-studies>
ART 102
herbergeradvising@asu.edu
480-965-8521

Art (Painting and Drawing), BFA (HIARTPDBFA)

Campus: Tempe

Program Description:

The BFA program in art with a concentration in painting and drawing offers a dynamic environment for creative, intellectual and technical growth that leads students to a quality studio art practice and a professional career in painting and drawing. The program's curriculum encourages a wide spectrum of innovative approaches to contemporary painting and drawing.

Working from a variety of sources and subjects, students develop technical proficiency through experimentation with a wide range of materials and processes. In addition, students develop the ability to critically assess imagery through written and verbal analysis. Through concentration courses, and especially preparation for their senior exhibition, graduates leave the program with a body of work created with an individualized approach to form and content.

Students declare their Bachelor Fine Arts concentration at the time of ASU admission. Following admission, if students wish to change their concentration, they may meet with their School of Art academic advisor.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=HIARTPDBFA-null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

This program prepares students to initiate creative careers as visual artists and as professionals in the public and private sphere. Career opportunities depend on focus areas and additional education or training per industry standards. Professions could include independent artist, illustrator, mural painter, commission artist, museum or gallery professional, art dealer, creative art director, private school teacher, college instructor, community-based artist (in health care settings, nonprofit agencies, local or national public arts) and many others.

Contact Information:

Design & the Arts, Herberger Institute for
School of Art
<https://art.asu.edu/>
ART 102
herbergeradvising@asu.edu
480-965-8521

Art (Painting), BFA (FAARTPABFA)

Campus: Tempe

ASU is no longer accepting new students to this program. Students interested in painting should apply to the painting and drawing concentration (<https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/HIARTPDBFA/undergrad/false>).

Program Description:

The BFA in art with a concentration in painting offers a dynamic environment for creative, intellectual and technical growth that leads to quality art practice and professionalism. The program encourages a wide spectrum of innovative approaches to contemporary painting. Working from a variety of sources and subjects, students develop technical proficiency experimenting with a wide range of materials and processes. In addition, students develop the ability to critically assess imagery through written and verbal analysis. In their final year, students create a body of work with an individualized approach to form and content, culminating in a senior exhibition.

Students declare their BFA concentration at the time of their ASU admission. Following admission, if a student wishes to change their BFA concentration, they may meet with their School of Art academic advisor.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics
OR MAT 117 OR MAT 119

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Currently, all art students are admitted to ASU into the Bachelor of Arts (art studies) program. They must complete a series of requirements that include foundational coursework to be eligible for study in one of the school's Bachelor of Fine Arts degree programs, which include upper-division coursework in the studio. There is no portfolio review process for admission to the School of Art.

Students in their second year who are interested in studio art and art education obtain a signed BFA declaration form after completing the core requirements and during completion of the last of the 12 hours of 200-level art requirements. Students interested in art history or museum studies submit a major declaration form in the semester in which they complete 30 credit hours. The student's major is changed upon successful completion of the major declaration form. Students may choose to remain in and complete the Bachelor of Arts (art studies).

Beginning Fall 2019, students are admitted directly to the painting concentration upon admittance to the BFA program in art.

Transfer Admission Requirements:

Transfer students who have completed the foundational core and pre-art requirements may submit a major declaration form before they have been admitted to ASU. To complete an undergraduate degree in four years, it is recommended that community college transfer students, who are

completing a two-year degree and have completed the foundational core and pre-art requirements, apply and submit a declaration form in the semester they are completing their community college degree or the semester before they plan to enter Arizona State University.

Direct transfer of courses from other accredited institutions to the Herberger Institute for Design and the Arts are subject to the existence of parallel and equal courses in the college's curriculum and subject to departmental or school evaluation of studio courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 credit hours in resident credit at ASU. Transfer students enrolled in the college must complete a minimum of 15 credit hours of resident credit in the major as approved by the faculty.

Beginning Fall 2019, transfer students are admitted directly to the painting concentration upon admittance to the BFA program in art.

Change of Major Requirements:

An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transferecreditguide/app/transfermap?major=FAARTPABFA~null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

This program prepares students to initiate creative careers as visual artists and as professionals in the public and private sphere. Career opportunities depend on focused concentrations within the area and additional education or training per industry standards. Professions could include independent artist, illustrator, mural painter, commission artist, museum or gallery professional, art dealer, creative art director, private school teacher, college professor, or community-based artist in health care settings, nonprofit agencies, and local and national public arts organizations, among others.

Contact Information:

Design & the Arts, Herberger Institute for
School of Art
<https://art.asu.edu/degree-programs/drawing-painting/>
ART 102
herbergeradvising@asu.edu
480-965-8521

Art (Photography), BFA (FAARTPHBFA)

Campus: Tempe

Program Description:

Students in the BFA program in art with a concentration in photography are offered an education in the creation and analysis of photographs as a form of creative expression. Students work in a wide range of photographic media including specialized 19th-century processes, traditional black-and-white and state-of-the-art digital output.

The internationally recognized photography faculty at ASU are diverse, representing and encouraging a wide range of approaches to the creation of photo-based art. Students learn to be self-disciplined and self-directed to understand complex ideas around how images function in their work and to develop a strong sense and control of the craft of photography. The Northlight Gallery engages students and provides opportunities to learn about gallery and museum practice through mounting exhibitions and working with artists and the collection.

A portfolio submission is required for a BFA with a concentration in photography. Students are not able to register for upper-division photography courses until their portfolio has been submitted and reviewed (typically submitted during the second year of study). To be eligible to submit their portfolio, a student must have completed two courses: ART 201 and ART 204 OR ART 205 (transfer credit applicable). Students must submit the online application form and a hard copy portfolio to the Art Office Rm 102 by the posted deadline.

Portfolio details: 10 to 15 hard copy, student-edited prints (8"x10" or 11"x14"); packaged in a simple envelope labeled with name and ASU ID number. If the student has completed ART 205, the prints should be in color and printed by the student on a professional grade printer. If the student has completed ART 204, the prints should be silver gelatin black and white.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

OR MAT 117 OR MAT 119

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

There is no portfolio review process for admission to the School of Art. Usually in their second semester, after completing either ART 204 Black & White or ART 205 Color Photography, photography majors submit a portfolio to continue in the degree program.

Transfer Admission Requirements:

To complete an undergraduate degree in four years, it is recommended that community college transfer students complete the foundational core and pre-art requirements. There is no portfolio review process for admission to the School of Art. If a transfer student has completed a course equivalent to either ART 204 Black and White or ART 205 Color Photography, they may submit a portfolio in their first semester at ASU to continue in the degree program.

Direct transfer of courses from other accredited institutions to the Herberger Institute for Design and the Arts are subject to the existence of parallel and equal courses in the college's curriculum and subject to departmental or school evaluation of studio courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 credit hours in resident credit at ASU. Transfer students enrolled in the college must complete a minimum of 15 credit hours of resident credit in the major as approved by the faculty.

Change of Major Requirements:

An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=FAARTPHBFA~null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

A degree in the arts offers students a pathway to a rich and varied choice of careers. Students with a photography degree may work as independent studio photographers or contract for commercial work for firms, museums, galleries, individuals and other artists. Though this is not a commercial degree program, some students apply their skills post-graduation by doing product photography, portraits or event photography. Students have also started their own successful art galleries.

Photo skills hone a particular sensitivity to issues of representation and a heightened sense of time, among many other life-enhancing attributes. These critical and creative sensitivities can be brought to bear in life after graduation whatever career path a student chooses. The bachelor's degree is essential for advanced study leading to the terminal MFA. This advanced degree offers opportunities in:

- curatorial work in galleries, museums and historical collections

- history or studio areas
- nonprofit arts organization management
- university teaching

Contact Information:

Design & the Arts, Herberger Institute for
School of Art
<https://art.asu.edu/degree-programs/photography>
ART 102
herbergeradvising@asu.edu
480-965-8521

Art (Printmaking), BFA (FAARTPMBFA)

Campus: Tempe

Program Description:

The BFA in art with a concentration in printmaking provides a complete studio experience with regular courses in book arts, digital processes, intaglio, lithography, papermaking, photogravure, relief, screenprint and other graphic applications. Faculty teach in spacious, well-equipped studios that offer a complete range of print media. While individual students are encouraged to pursue a personal direction, the faculty encourage students to become well-rounded printmakers by experiencing and understanding many media processes and approaches. No style, technique or aesthetic approach is stressed over another, so the individual quality of each student's work is the essential measure of achievement. Collaboration, experimentation and transdisciplinary approaches to making art are encouraged, and students often work with other areas in the School of Art, such as photography, intermedia, painting, drawing and sculpture.

Students declare their Bachelor of Fine Arts concentration at the time of ASU admission. Following admission, if students wish to change their concentration, they may meet with their School of Art academic advisor.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Students are admitted directly to the printmaking concentration upon admittance to the BFA program in art.

Transfer Admission Requirements:

Transfer students who have completed the foundational core and pre-art requirements are admitted directly to the printmaking concentration upon admittance to the BFA program in art. To complete an undergraduate degree in four years, it is recommended that community college transfer students, who are completing a two-year degree and have completed the foundational core and pre-art requirements, apply and submit a declaration form in the semester they are completing their community college degree or the semester before they plan to enter Arizona State University.

Direct transfer of courses from other accredited institutions to the Herberger Institute for Design and the Arts are subject to the existence of parallel and equal courses in the college's curriculum and subject to departmental or school evaluation of studio courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 credit hours in resident credit at ASU. Transfer students enrolled in the college must complete a minimum of 15 credit hours of resident credit in the major as approved by the faculty.

Change of Major Requirements:

An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum

cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transferecreditguide/app/transfermap?major=FAARTPMBFA~null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Trained printmakers are working artists, practicing the expression of a personal understanding of their place in the world. They may find employment as artists or printmakers in schools of all levels teaching the execution and appreciation of visual art. They also work in fine art print studios, executing original prints for other artists. Printmaking skills such as screenprinting or photomechanical and digital techniques, acquired for the production of art, also have commercial, non-art applications that may afford skilled employment. Artists with printmaking skills may also work with graphic designs, illustrations and signage or may work in museums, conservation, publishing, galleries and in other art-related activities. Additionally, their art may sell successfully in the open marketplace.

Contact Information:

Design & the Arts, Herberger Institute for
School of Art
<https://art.asu.edu/degree-programs/printmaking>
ART 102
herbergeradvising@asu.edu
480-965-8521

Art (Sculpture), BFA (FAARTSBFA)

Campus: Tempe

Program Description:

The BFA in art with a concentration in sculpture recognizes the broad, transdisciplinary nature of sculpture today. A wide range of media now falls within an expanded definition of sculpture.

Coursework covers public and site-specific sculpture, foundry, interactive and electronic sculpture, neon, small metals, wood, and video and sound installation. Students learn to put today's creations in the context of the history of sculpture and the larger field of contemporary art. Critical inquiry is augmented by courses in the art history program. Visiting artists, curators and critics share their experience directly with students.

Through one-on-one mentoring, students learn to win commissions and awards, hold exhibitions, and obtain residencies and jobs as studio artists, public artists, fabricators, project managers, teachers and arts administrators.

Students declare their BFA concentration at the time of their ASU admission. Following admission, if students wish to change their BFA concentration, they may meet with their School of Art academic advisor.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

OR MAT 117 OR MAT 119

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Students are admitted directly to the sculpture concentration upon admittance to the BFA program in art.

Transfer Admission Requirements:

Transfer students who have completed the foundational core and pre-art requirements are admitted directly to the sculpture concentration upon admittance to the BFA program in art. To complete an undergraduate degree in four years, it is recommended that community college transfer students, who are completing a two-year degree and have completed the foundational core and pre-art requirements, apply and submit a declaration form in the semester they are completing their community college degree or the semester before they plan to enter Arizona State University.

Direct transfer of courses from other accredited institutions to the Herberger Institute for Design and the Arts are subject to the existence of parallel and equal courses in the college's curriculum and subject to departmental or school evaluation of studio courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 credit hours in resident credit at ASU. Transfer students enrolled in the college must complete a minimum of 15 credit hours of resident credit in the major as approved by the faculty.

Change of Major Requirements:

An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=FAARTSBFA~null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates are prepared to embark on a lifetime exploration of the many aspects of 3D art. Positions are available in:

- 3D design
- fabrication and design of exhibitions
- set design
- teaching
- the motion picture industry
- welding and foundry technician work

Many students also prefer to establish their own studios after graduation.

Contact Information:

Design & the Arts, Herberger Institute for
School of Art

<https://art.asu.edu/degree-programs/sculpture-metals-woods?dept=160351&id=1>

ART 102

herbergeradvising@asu.edu

480-965-8521

Art (Textiles), BFA (FAARTFBFA)

Campus: Tempe

This program's name has changed effective Fall 2020. The previous name was Art (Fibers).

Program Description:

The BFA program in art with a concentration in textiles cultivates an environment that stimulates creative and intellectual growth.

Coursework ranges from the spinning and processing of raw fiber to digital textile printing. With focus on techniques such as weaving, dyeing, textile printing and fiber sculpture, students are encouraged to discover their individual artistic voice. Throughout the program, students are challenged to utilize and interpret textile traditions while considering innovative and interdisciplinary approaches to contemporary practices.

Students declare their Bachelor of Fine Arts concentration at the time of their ASU admission. Following admission, if students wish to change their concentration, they may meet with their School of Art academic advisor.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics OR MAT 117 OR MAT 119

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Students are admitted directly to the textiles concentration upon admittance to the BFA program in art.

Transfer Admission Requirements:

Transfer students who have completed the foundational core and pre-art requirements are admitted directly to the textiles concentration upon admittance to the BFA program in art. To complete an undergraduate degree in four years, it is recommended that community college transfer students, who are completing a two-year degree and have completed the foundational core and pre-art requirements, apply and submit a declaration form in the semester they are completing their community college degree or the semester before they plan to enter Arizona State University.

Direct transfer of courses from other accredited institutions to the Herberger Institute for Design and the Arts are subject to the existence of parallel and equal courses in the college's curriculum and subject to departmental or school evaluation of studio courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 credit hours in resident credit at ASU. Transfer students enrolled in the college must complete a minimum of 15 credit hours of resident credit in the major as approved by the faculty.

Change of Major Requirements:

An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=FAARTFBFA~null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates leave the program prepared to pursue a diverse range of professional careers reflecting the breadth of the textiles field. Utilizing the technical skills gained, they have established careers in design, as varied as working in industry creating commercial items to setting up boutique studios for the creation of one-of-a-kind fabrics for garments and interiors. Others have chosen to pursue graduate degrees in art or design or in fields adjacent to textiles such as business or technology. Graduates continue to develop their art practice once leaving ASU, with outcomes that range from continued personal explorations to professional gallery exhibitions.

Contact Information:

Design & the Arts, Herberger Institute for

School of Art
<https://art.asu.edu/degree-programs/fibers>
ART 102
herbergeradvising@asu.edu
480-965-8521

Arts (BA in the Arts), BA (FAATSBA)

Campus: Tempe

Program Description:

The BA in the arts is an interdisciplinary degree program designed for students who are passionate about the arts and interested in combining knowledge about multiple arts disciplines.

Students gain an increased understanding of the theoretical, historical and cultural forces that shape the arts. They accomplish this through an open-ended path for the exploration and development of a range of skills that is valuable for advanced study in multiple areas.

The major includes a common core for all students, and students choose a focus from arts administration or entertainment design or the student may design a focus that is subject to approval by the institute's standards committee and the dean's office.

Additional Program Fee: Y

Second Language Requirement: Yes

First Required Math Course: MAT 142 - College Mathematics

OR MAT 117 OR MAT 119

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Creative Enterprise and Cultural Leadership, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=FAATSBA~null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

As the population in the state of Arizona grows, numerous arts organizations are being developed to provide cultural and artistic experiences for the state's residents. These organizations need and demand individuals who understand the impact the arts have on society and who can be passionate employees committed to the arts. This program provides the necessary skill set, including critical thinking, for such careers as:

- arts administrators
- arts critics

- entertainment designers
- media arts authors and publishers
- museum curators and directors
- public art specialists

Contact Information:

Design & the Arts, Herberger Institute for
 Dean, Herberger Institute for Design and the Arts
<https://art.asu.edu/degree-programs/undergraduate>
 CDS 101
herbergeradvising@asu.edu
 480-965-4495

Dance, BFA (FADANBFA)

Campus: Tempe

Program Description:

The School of Music, Dance and Theatre provides a dynamic and culturally diverse learning environment in which students develop as creative artists, scholars and educators. The BFA program in dance offers a transdisciplinary curriculum that emphasizes collaboration and a holistic approach to education. The program encourages artists of the 21st-century to develop multiple skills for success in the arts and related fields.

The core values of the program include creativity, research, leadership, reflection, humanity and context. These values are embedded in a broad range of academic experiences that emphasize creative practices (the study of the creative process and dance-making using improvisation, choreography and interdisciplinary approaches); dance and digital arts; dance history, ethnography and philosophy; movement practices (the study of the theory, history and technique of a range of dance forms and mind-body practices, including contemporary ballet, Latin dance practices, postmodern contemporary dance, somatic practices and urban dance practices); and seminars.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics
 OR MAT 117 OR MAT 119

Program Math Intensity: General

Admission Requirements:

- General University Admission Requirements:
 All students are required to meet general university admission requirements.
 Freshman (<https://students.asu.edu/freshman/requirements>)
 Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)
 International (<https://students.asu.edu/international/future>)
 Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Admission to the BFA in dance is selective and based on an interview process. Students are admitted to ASU as dance interview students and must successfully complete an interview and audition before enrolling in the dance major. If a student passes the interview, the School of Music, Dance and Theatre will change the student's major to the BFA in dance. In the event the student is admitted to ASU but not selected as a dance major or misses the interview application deadline, the student enters ASU as a dance interview student and will need to successfully pass the dance interview and audition milestone in the first semester in order to gain admission into the program.

Interview days take place in November, February and April of each year. To ensure a smooth curricular progression, all prospective dance students, including transfer students, are strongly encouraged to participate in the interview day during the semester prior to their intended date of enrollment. More information on the interview process and deadlines can be found at <https://filmdancetheatre.asu.edu/degree-programs> (<https://filmdancetheatre.asu.edu/degree-programs>).

Application Deadlines: Students should visit filmdancetheatre.asu.edu/admissions/bachelor-of-fine-arts-dance-admission-requirements (<https://filmdancetheatre.asu.edu/admissions/bachelor-of-fine-arts-dance-admission-requirements>) for more details on Dance Interview Day requirements and deadlines.

Transfer Admission Requirements:

Direct transfer of courses from other accredited institutions to the Herberger Institute for Design and the Arts are subject to the existence of parallel and equal courses in the college's curriculum, and departmental or school evaluation of studio courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 hours in resident credit at ASU. Transfer students enrolled in the institute must complete a minimum of 15 hours of resident credit in the major as approved by the faculty.

Application Deadlines: Students should visit filmdancetheatre.asu.edu/admissions/bachelor-of-fine-arts-dance-admission-requirements (<https://filmdancetheatre.asu.edu/admissions/bachelor-of-fine-arts-dance-admission-requirements>) for more details on Dance Interview Day requirements and deadlines.

Change of Major Requirements:

An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=FADANBFA~null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

The comprehensive academic foundation of the Bachelor of Fine Arts program in dance prepares students to be leading dance professionals of the 21st century. Graduates of the program have the expertise to pursue professions as choreographers, performers, educators, community artists, scholars and much more. After leaving ASU, many graduates participate in activities like these:

- conduct academic research
- curate or produce dance festivals and events
- direct or manage performing art companies, studios or dance-related organizations
- facilitate community partnerships and projects
- produce dance media for performance or instruction
- pursue certification in somatic practices (Laban Movement Analysis, Feldenkrais, Alexander Technique, Body-Mind Centering, etc.)
- teach and design curriculum
- work as a dance critic
- work in technical theatre and dance production
- work in the areas of health and wellness (fitness, yoga, massage therapy, etc.)
- work in the field of arts management and administration
- write for scholarly publications

Contact Information:

Design & the Arts, Herberger Institute for
School of Music, Dance and Theatre
<https://musicdancetheatre.asu.edu>
GHALL 232
fdt@asu.edu
480-965-5337

Dance (Dance Education), BFA (FADANEBA)

Campus: Tempe

Program Description:

The BFA in dance with a concentration in dance education prepares students for certification to teach dance in K-12 schools in the state of Arizona. Students in this program are required to complete additional state certification requirements.

The School of Music, Dance and Theatre provides a dynamic and culturally diverse learning environment in which students develop as creative artists, scholars and educators. Studies in dance cultures, music, digital media, dance history, philosophy and criticism, movement science, somatics, and stage and screen production enhance the rich educational setting. Creativity and research, the core program values, are embedded in a broad range of academic experiences emphasizing movement and creative practices, artistic process, leadership and pedagogy.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

OR MAT 117 OR MAT 119

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Admission to the BFA in dance is selective and based on an interview process. Students are admitted to ASU as dance interview students and must successfully complete an interview and audition before enrolling in the dance major. If a student passes the interview, the School of Music, Dance and Theatre changes the student's major to the BFA in dance. In the event that the student is admitted to ASU but not selected as a dance major or misses the interview application deadline, the student enters ASU as a dance interview student and must successfully pass the dance interview and audition milestone in the first semester in order to gain admission into the program.

Interview days take place in November, February and April of each year. To ensure a smooth curricular progression, all prospective dance students, including transfer students, are strongly encouraged to participate in the interview day during the semester prior to their intended date of enrollment. More information on the interview process and deadlines can be found at <https://filmdancetheatre.asu.edu/degree-programs> (<https://filmdancetheatre.asu.edu/degree-programs>).

Application Deadlines: Students should visit filmdancetheatre.asu.edu/admissions/bachelor-of-fine-arts-dance-admission-requirements (<https://filmdancetheatre.asu.edu/admissions/bachelor-of-fine-arts-dance-admission-requirements>) for more details on Dance Interview Day requirements and deadlines.

Transfer Admission Requirements:

Direct transfer of courses from other accredited institutions to the Herberger Institute for Design and the Arts are subject to the existence of parallel and equal courses in the college's curriculum and departmental or school evaluation of studio courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 hours in resident credit at ASU. Transfer students enrolled in the institute must complete a minimum of 15 hours of resident credit in the major as approved by the faculty.

Application Deadlines: Students should visit filmdancetheatre.asu.edu/admissions/bachelor-of-fine-arts-dance-admission-requirements (<https://filmdancetheatre.asu.edu/admissions/bachelor-of-fine-arts-dance-admission-requirements>) for more details on Dance Interview Day requirements and deadlines.

Change of Major Requirements:

An ASU student who would like to change majors to one offered by the Herberger Institute or one of its programs must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=FADANEBFA~null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

The concentration in dance education lays the foundation for a career in teaching in public and private settings. Students earn an Arizona teaching certification while pursuing the dance education degree and they can expect to find employment in one of many thriving middle school and high school dance programs throughout the state or in more informal community settings.

Contact Information:

Design & the Arts, Herberger Institute for
School of Music, Dance and Theatre
<https://musicdancetheatre.asu.edu/>
GHALL 232
fdt@asu.edu
480-965-5337

Design Studies, BA (ARDSNBA)

Campus:

ASU is no longer accepting new students to this program. Please explore Degree Search for other similar program options.

Program Description:

The BA in design studies is a four-year, nonstudio program of study in design that focuses on the design disciplines offered in the ASU Herberger Institute:

- architectural studies
- graphic design
- industrial design
- interior design
- landscape architecture

This is a highly flexible program of study, much like a liberal arts degree, in which students select design and design-related courses offered in the institute and throughout the university. Students acquire a breadth of design knowledge via courses taken from three categories: communication for design, design history and general design.

It provides a design education, general and specific, to students who seek opportunities in the broader design sector or in graduate education.

Students may undertake the program in one of two specific concentrations: design studies, which allows students to discover the myriad possibilities of design as a subject area as well as the flexibility that it provides for further exploration; or design management, which offers a selection of courses in management and human communication that complement design.

Additional Program Fee: Y**Second Language Requirement:** N**First Required Math Course:** MAT 142 - College Mathematics

OR MAT 117 OR MAT 119

Program Math Intensity: General**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ARDSNBA-null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Although a specific career path is not the principal intention, graduates of the program have become involved in sales and marketing in the design sector; others have gone on to graduate studies in architecture and planning. Other possible career paths include journalism and education.

Contact Information:

Design & the Arts, Herberger Institute for
Dean, Herberger Institute for Design and the Arts
<https://design.asu.edu/degree-programs>
CDS 101
herbergeradvising@asu.edu
480-965-4495

Design Studies (Design Management), BA (ARDSNMBA)

Campus:

ASU is no longer accepting new students to this program. Please explore Degree Search for other similar program options.

Program Description:

The BA in design studies is a four-year, nonstudio program of study in design that focuses on the design disciplines offered in the ASU Herberger Institute:

- architectural studies
- graphic design
- industrial design
- interior design
- landscape architecture

It is a highly flexible program of study, much like a liberal arts degree, in which students select design and design-related courses offered in the institute and throughout the university. Students acquire a breadth of design knowledge via courses taken from three categories: communication for design, design history and general design.

It provides a design education, general and specific, to students who seek opportunities in the broader design sector or in graduate education.

The concentration in design management offers a selection of courses in management and human communication that complement design and allows for more focused study in these areas.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics
OR MAT 117 OR MAT 119

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ARDSNMBA~null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Although a specific career path is not the principal intention, graduates of the program have become involved in sales and marketing in the design sector; others have gone on to graduate studies in architecture and planning. Other possible career paths include journalism and education.

Contact Information:

Design & the Arts, Herberger Institute for
Dean, Herberger Institute for Design and the Arts
<https://design.asu.edu/degree-programs>
CDS 101
herbergeradvising@asu.edu
480-965-4495

Digital Culture, BA (HIDGCBA)

Campus: Tempe

Program Description:

The BA program in digital culture equips students with the technical skills to create computational media and the cultural skills to know when or why to apply them.

Students learn to create computational media, which is computation combined with objects, sound, video, time, space, culture and bodies; breathe behavior into media, objects or systems by programming; and think critically about how computation impacts lives and how culture makes a difference in how people experience computational media, a critical skill in this dynamic age.

Armed with skills and sound judgment, graduates work in cultural communication, marketing, design, social media, health, education, entertainment and creative arts, and all areas in which culture is shaped by technology and computational media. All know techniques to change the world through communication using contemporary computational media, a vital power in the 21st-century. Some graduates go on to invent fresh techniques.

This program is also offered as an accelerated degree with an MA in creative enterprise and cultural leadership. More information can be found on the Creative Enterprise and Cultural Leadership website: <https://herbergerinstitute.asu.edu/research-and-initiatives/enterprise-and-entrepreneurship-programs/curb-enterprise-leadership/master-of-arts> (<https://herbergerinstitute.asu.edu/research-and-initiatives/enterprise-and-entrepreneurship-programs/curb-enterprise-leadership/master-of-arts>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Creative Enterprise and Cultural Leadership, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts or one of its programs must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=HIDGCBA~null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Career opportunities include the following fields:

- audio
- comparative literature
- computing
- creative writing
- technical writing
- technology
- visual media

Digital culture alumni have obtained careers as:

- 3D modelers
- designers
- engineers
- graphic designers
- programmers
- software specialists
- special effects artists
- visual media artists

Contact Information:

Design & the Arts, Herberger Institute for
Arts, Media and Engineering Sch T
<https://artsmediaengineering.asu.edu/>
STAUF B 217
digitalculture@asu.edu
480-965-9438

Digital Culture (Art), BA (HIDGCABA)

Campus: Tempe

Program Description:

The BA program in digital culture equips students with the technical skills to create computational media and the cultural skills to know when or why to apply them. Students learn to create computational media, which is computation combined with objects, sound, video, time, space, culture and bodies; breathe behavior into media, objects or systems by programming; and think critically about how computation impacts lives and how culture makes a difference in how people experience computational media, a critical skill in this dynamic age.

The program is for students wishing to specialize in visual composition aspects of new media. Students complement their knowledge of digital culture with discipline-specific courses in the School of Art focused on the historical and theoretical aspects of visual arts, foundational visual arts skills and hands-on knowledge of visual composition through digital means.

Armed with skills and sound judgment, graduates work in cultural communication, marketing, design, social media, health, education, entertainment and creative arts, and all areas in which culture is shaped by technology and computational media. All graduates know techniques to change the world and communicate using contemporary computational media, a vital power in the 21st-century. Some go on to invent fresh techniques.

Digital Culture - Art Concentration

The digital culture program with a concentration in art is for students wishing to specialize in visual composition aspects of new media. Students complement their knowledge of digital culture with discipline-specific courses in the School of Art focused on the historical and theoretical aspects of visual arts, foundational visual arts skills and hands-on knowledge of visual composition through digital means.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts or one of its programs must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=HIDGCABA~null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates of digital culture have a wide array of career opportunities in new media involving the fields of:

- communications (CISCO, Google, Facebook)
- computing (Apple, Microsoft)
- gaming and entertainment (Industrial Light and Magic, Electronic Arts, Pixar)
- media arts (engineering multimedia shows, video and sound production)

The digital culture curriculum also prepares students for roles in the development of modern media systems that address complex socio-technical problems, such as:

- diagnostic, monitoring and assistive cyber-physical tools and systems that can be used by health care providers
- new systems for collaborative, participatory content creation and sharing
- social networking and reflection tools for promoting sustainability
- systems for interactive, adaptive learning and computational assessment in educational organizations

Graduates of the digital culture program who are interested in continuing their higher education are well prepared to apply for admission to the graduate programs through the School of Arts, Media and Engineering at ASU and other top interdisciplinary new media programs in the nation.

Digital culture alumni have received job opportunities in:

- 3D modeling and fabrication
- audio and video
- engineering
- graphic design
- illustration
- iOS development
- journalism
- programming
- software engineering
- special effects
- visual media

Contact Information:

Design & the Arts, Herberger Institute for

Arts, Media and Engineering Sch T

<https://artsmediaengineering.asu.edu/>

STAUF B 217

digitalculture@asu.edu

480-965-9438

Digital Culture (Arts and Design Studies), BA (HIDCADSBA)

Campus: Tempe

Effective Fall 2021, ASU is no longer accepting new students to this program. Please explore Degree Search for other similar program options.

Program Description:

The BA program in digital culture equips students with the technical skills to create computational media and the cultural skills to know when or why to apply them. Students learn to create computational media, which is computation combined with objects, sound, video, time, space, culture and bodies; breathe behavior into media, objects or systems by programming; and think critically about how computation impacts lives and how culture makes a difference in how people experience computational media, a critical skill in this dynamic age.

Armed with skills and sound judgment, graduates work in cultural communication, marketing, design, social media, health, education, entertainment and creative arts, and all areas in which culture is shaped by technology and computational media. All graduates know techniques to change the world and communicate using contemporary computational media, a vital power in the 21st-century. Some go on to invent fresh techniques.

Digital Culture - Arts and Design Studies Concentration

The digital culture program with a concentration in arts and design studies is for students wishing to integrate transdisciplinary studies in design and the arts into new media applications.

Students complement their knowledge of new media with broad-based transdisciplinary studies in design and the arts.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts or one of its programs must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=HIDCADSBA~null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates of digital culture have a wide array of career opportunities in new media involving the fields of:

- communications (CISCO, Google, Facebook)
- computing (Apple, Microsoft)
- gaming and entertainment (Industrial Light and Magic, Electronic Arts, Pixar)
- media arts (engineering multimedia shows, video and sound production)

The digital culture curriculum also prepares students for roles in the development of modern media systems that address complex sociotechnical problems such as:

- diagnostic, monitoring and assistive cyber-physical tools and systems that can be used by health care providers
- new systems for collaborative, participatory content creation and sharing
- social networking and reflection tools for promoting sustainability

- systems for interactive, adaptive learning and computational assessment in educational organizations

Graduates of the digital culture program who are interested in continuing their higher education are well prepared to apply for admission to the top interdisciplinary new media programs in the nation, including the graduate programs through the School of Arts, Media and Engineering at ASU.

Digital culture alumni have received job opportunities in:

- 3D modeling and fabrication
- audio and video
- engineering
- graphic design
- illustration
- iOS development
- journalism
- programming
- software engineering
- special effects
- visual media

Contact Information:

Design & the Arts, Herberger Institute for
Arts, Media and Engineering Sch T
<https://artsmediaengineering.asu.edu/>
STAUF B 217
digitalculture@asu.edu
480-965-9438

Digital Culture (Design), BA (HIDGCDBA)

Campus: Tempe

Program Description:

The BA program in digital culture equips students with the technical skills they need to create computational media and the ability to know when or why to apply them.

Students learn to create computational media, which is computation combined with objects, sound, video, time, space, culture and bodies; breathe behavior into media, objects or systems by programming; and think critically about how computation impacts lives and how culture makes a difference in how people experience computational media, a critical skill in this dynamic age.

Armed with skills and sound judgment, graduates work in cultural communication, marketing, design, social media, health, education, entertainment and creative arts, and all areas in which culture is shaped by technology and computational media. All students gain techniques to change the world and communicate using contemporary computational media, a vital power in the 21st-century. Some go on to invent fresh techniques.

Digital Culture - Design Concentration

The digital culture program with a concentration in design allows students to specialize in hybrid (physical and digital) product and space design. Students complement their knowledge with an understanding of the principles of space and product design as well as the historical and theoretical aspects of design, and they develop integrative design approaches to the digital and physical elements of hybrid products and spaces.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transferecreditguide/app/transfermap?major=HIDGCDBA~null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates of digital culture have a wide array of career opportunities in new media involving the fields of:

- communications (CISCO, Google, Facebook)
- computing (Apple, Microsoft)
- gaming and entertainment (Industrial Light and Magic, Electronic Arts, Pixar)
- media arts (engineering multimedia shows, video and sound production)

The digital culture curriculum also prepares students for roles in the development of modern media systems that address complex socio-technical problems, such as:

- diagnostic, monitoring and assistive cyber-physical tools and systems that can be used by health care providers
- new systems for collaborative, participatory content creation and sharing
- social networking and reflection tools for promoting sustainability
- systems for interactive, adaptive learning and computational assessment in educational organizations

Graduates of the digital culture program who are interested in continuing their higher education are well prepared to apply for admission to the graduate programs through the School of Arts, Media and Engineering at ASU and to other top interdisciplinary new media programs in the nation.

Digital culture alumni have received job opportunities in the following fields:

- 3D modeling and fabrication
- audio and video
- engineering
- graphic design
- illustration
- iOS development
- journalism
- programming
- software engineering
- special effects
- visual media

Contact Information:

Design & the Arts, Herberger Institute for
Arts, Media and Engineering Sch T
<https://artsmediaengineering.asu.edu/>
STAUF B 217
digitalculture@asu.edu
480-965-9438

Digital Culture (English), BA (HIDGCENBA)

Campus: Tempe

Program Description:

The BA program in digital culture equips students with the technical skills they need to create computational media and the ability to know when or why to apply them.

Students learn to create computational media, which is computation combined with objects, sound, video, time, space, culture and bodies; breathe behavior into media, objects or systems by programming; and think critically about how computation impacts lives and how culture makes a difference in how people experience computational media, a critical skill in this dynamic age.

Armed with skills and sound judgment, graduates work in cultural communication, marketing, design, social media, health, education, entertainment and creative arts, and all areas in which culture is shaped by technology and computational media. All students gain techniques to change the world and communicate using contemporary computational media, a vital power in the 21st-century. Some go on to invent fresh techniques.

Digital Culture - English Concentration

The digital culture program with a concentration in English is designed for students who wish to explore the historical, scientific and theoretical intersections of art, media and technology. Sharing of stories and media through electronic communities, participatory art-making and creativity forums on the web, gaming, digital movies and effects, mediated public spaces and electronic design are only a few of the new activities that are defining and evolving culture. Students in the major assist in the establishment, evolution and proliferation of such culture at the state, national and international level. Students will use tools of inquiry to examine, analyze and create works of art through a hands-on approach to communication, writing, rhetoric and literacies in collaboration with the English department.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=HIDGCENBA~null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Career opportunities include fields in which the following are sought: technology commentary, future studies, design fiction, technical writing, creative writing, comparative literature and fields in which collaboration is needed.

Contact Information:

Design & the Arts, Herberger Institute for

Arts, Media and Engineering Sch T

<https://artsmediaengineering.asu.edu/degree-programs/digital-culture>

STAUF B 217

digitalculture@asu.edu

480-965-9438

Digital Culture (Film), BA (HIDGCFBA)

Campus: Tempe

Program Description:

The BA program in digital culture equips students with the technical skills they need to create computational media and the ability to know when or why to apply them.

Students learn to create computational media, which is computation combined with objects, sound, video, time, space, culture and bodies; breathe behavior into media, objects or systems by programming; and think critically about how computation impacts lives and how culture makes a difference in how people experience computational media, a critical skill in this dynamic age.

Armed with skills and reasoned judgment, graduates work in cultural communication, marketing, design, social media, health, education, entertainment and creative arts, and all areas in which culture is shaped by technology and computational media. All students gain techniques to change the world and communicate using contemporary computational media, a vital power in the 21st-century. Some go on to invent fresh techniques.

Digital Culture - Film Concentration

The digital culture program with a concentration in film is for students wishing to integrate digital aspects of film into new media. Students complement their knowledge of digital culture with discipline-specific courses in the School of Film, Dance and Theatre that focus on the foundations of filmmaking practices, historical and theoretical aspects of film, knowledge of the film industry and hands-on knowledge of digital processes in filmmaking.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=HIDGCFBA~null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates of digital culture have a wide array of career opportunities in new media, involving the fields of:

- communications (CISCO, Google, Facebook)
- computing (Apple, Microsoft)
- gaming and entertainment (Industrial Light and Magic, Electronic Arts, Pixar)
- media arts (engineering multimedia shows, video and sound production)

The digital culture curriculum also prepares students for roles in the development of modern media systems that address complex sociotechnical problems, such as:

- diagnostic, monitoring and assistive cyber-physical tools and systems that can be used by health care providers
- new systems for collaborative, participatory content creation and sharing
- social networking and reflection tools for promoting sustainability
- systems for interactive, adaptive learning and computational assessment in educational organizations

Graduates of the digital culture program who are interested in continuing their higher education are well prepared to apply for admission to the top interdisciplinary new media programs in the nation, including the graduate programs through the School of Arts, Media and Engineering at ASU.

Digital culture alumni have received job opportunities in:

- 3D modeling and fabrication
- audio and video
- engineering
- graphic design
- illustration
- iOS development
- journalism
- programming
- software engineering
- special effects
- visual media

Contact Information:

Design & the Arts, Herberger Institute for
Arts, Media and Engineering Sch T
<https://artsmediaengineering.asu.edu/degree-programs/digital-culture>
STAUF B 217
digitalculture@asu.edu
480-965-9438

Digital Culture (Graphic Information Technology), BA (HIDGCTEBA)

Campus: Tempe

Program Description:

The BA program in digital culture equips students with the technical skills they need to create computational media and the ability to know when or why to apply them.

Students learn to create computational media, computation combined with objects, sound, video, time, space, culture and bodies; to breathe behavior into media, objects or systems by programming; and to think critically about how computation impacts lives and how culture makes a difference in how people experience computational media, a critical skill in this dynamic age.

Armed with skills and judgment, graduates work in cultural communication, marketing, design, social media, health, education, entertainment and creative arts, and all areas in which culture is shaped by technology and computational media. All students gain techniques to change the world and communicate using contemporary computational media, a vital power in the 21st century. Some go on to invent fresh techniques.

Digital Culture - Graphic Information Technology concentration

This digital culture program with a concentration in graphic information technology is offered in partnership with the Ira A. Fulton Schools of Engineering. Students complement their knowledge of new media with technology and new media entrepreneurship skills, knowledge of legal and ethical issues for technology, and additional skills in graphic communication, digital illustration and design methodology.

Students should be advised that while most requirements can be completed at the Tempe campus, courses specific to this concentration take place on the Polytechnic campus.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=HIDGCTEBA~null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates of the digital culture program have a wide array of career opportunities in new media involving the fields of:

- communications (CISCO, Google, Facebook)
- computing (Apple, Microsoft)
- gaming and entertainment (Industrial Light and Magic, Electronic Arts, Pixar)
- media arts (engineering multimedia shows, video and sound production)

The digital culture curriculum also prepares students for roles in the development of modern media systems that address complex sociotechnical problems, such as:

- diagnostic, monitoring and assistive cyber-physical tools and systems that can be used by health care providers
- new systems for collaborative, participatory content creation and sharing
- social networking and reflection tools for promoting sustainability
- systems for interactive, adaptive learning and computational assessment in educational organizations

Graduates who are interested in continuing their higher education are well prepared to apply for admission to the top transdisciplinary new media programs in the nation, including the graduate programs through the School of Arts, Media and Engineering at ASU.

Digital culture alumni have received job opportunities in:

- 3D modeling and fabrication
- audio and video
- engineering
- graphic design
- illustration
- iOS development
- journalism
- programming
- software engineering
- special effects
- visual media

Contact Information:

Design & the Arts, Herberger Institute for
Arts, Media and Engineering Sch T
<https://artsmediaengineering.asu.edu/degree-programs/digital-culture>
STAUF B 217
herbergeradvising@asu.edu
480-965-9438

Digital Culture (Interdisciplinary Arts and Performance), BA (HIDCIAPBA)

Campus: Tempe

Program Description:

The BA program in digital culture equips students with the technical skills they need to create computational media and the ability to know when or

why to apply them.

Students learn to create computational media, which is computation combined with objects, sound, video, time, space, culture and bodies; breathe behavior into media, objects or systems by programming; think critically about how computation impacts lives and how culture makes a difference in how people experience computational media, a critical skill in this dynamic era.

Armed with skills and sound judgment, graduates work in cultural communication, marketing, design, social media, health, education, entertainment and creative arts, and all areas in which culture is shaped by technology and computational media. All students gain techniques to change the world and communicate using contemporary computational media, a vital power in the 21st-century. Some go on to invent fresh techniques.

Digital Culture - Interdisciplinary Arts and Performance concentration

This digital culture program in interdisciplinary arts and performance is offered in partnership with the New College of Interdisciplinary Arts and Sciences. The program focuses on a transdisciplinary and collaborative approach to the arts, technology and performance. It emphasizes the traditions of transdisciplinary, avant-garde and experimental arts and on contemporary art and performance. Courses include digital media arts, music and electronic sound art, performance studies, theatre and performance practice, and digital graphics.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=HIDCIAPBA-null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates of the digital culture program have a wide array of career opportunities in new media involving the fields of:

- communications (CISCO, Google, Facebook)
- computing (Apple, Microsoft)
- gaming and entertainment (Industrial Light and Magic, Electronic Arts, Pixar)
- media arts (engineering multimedia shows, video and sound production)

The digital culture curriculum also prepares students for roles in the development of modern media systems that address complex sociotechnical problems such as:

- diagnostic, monitoring and assistive cyber-physical tools and systems that can be used by health care providers
- new systems for collaborative, participatory content creation and sharing
- social networking and reflection tools for promoting sustainability
- systems for interactive, adaptive learning and computational assessment in educational organizations

Graduates who are interested in continuing their higher education are well prepared to apply for admission to the top interdisciplinary new media

programs in the nation, including the graduate programs through the School of Arts, Media and Engineering at ASU.

Digital culture alumni have received job opportunities in:

- 3D modeling and fabrication
- audio and video
- engineering
- graphic design
- illustration
- iOS development
- journalism
- programming
- software engineering
- special effects
- visual media

Contact Information:

Design & the Arts, Herberger Institute for
Arts, Media and Engineering Sch T
<https://artsmediaengineering.asu.edu/degree-programs/digital-culture>
STAUF B 217
digitalculture@asu.edu
480-965-9438

Digital Culture (Media Processing), BA (HIDGCMPBA)

Campus: Tempe

ASU is no longer accepting new students to this program. Students interested in a media processing concentration should apply to the BS in digital culture (media processing) (<https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/HIDGCMPBS/undergrad/false>).

Program Description:

The BA program in digital culture equips students with the technical skills to create computational media and the cultural skills to know when or why to apply them.

Students learn to create computational media, which is computation combined with objects, sound, video, time, space, culture and bodies; breathe behavior into media, objects or systems by programming; think critically about how computation impacts lives and how culture makes a difference in how people experience computational media, a critical skill in this dynamic age.

All students gain techniques to change the world and communicate using contemporary computational media, a vital power in the 21st-century. Some go on to invent fresh techniques. Armed with skills and sound judgment, graduates work in cultural communication, marketing, design, social media, health, education, entertainment and creative arts, and all areas in which culture is shaped by technology and computational media.

Digital Culture - Media Processing concentration

This digital culture program with a concentration in media processing is offered in partnership with the Ira A. Fulton Schools of Engineering. The program is designed for students who desire to specialize in media processing aspects of new media. Students complement their knowledge with a more advanced understanding of programming, data structures, signals processing and system architecture aspects of new media.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=HIDGCMPPBA~null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates of the digital culture program have a wide array of career opportunities in new media involving the fields of:

- communications (CISCO, Google, Facebook)
- computing (Apple, Microsoft)
- gaming and entertainment (Industrial Light and Magic, Electronic Arts, Pixar)
- media arts (engineering multimedia shows, video and sound production)

The digital culture curriculum also prepares students for roles in the development of modern media systems that address complex sociotechnical problems, such as:

- diagnostic, monitoring and assistive cyber-physical tools and systems that can be used by health care providers
- new systems for collaborative, participatory content creation and sharing
- social networking and reflection tools for promoting sustainability
- systems for interactive, adaptive learning and computational assessment in educational organizations

Graduates who are interested in continuing their higher education are well prepared to apply for admission to the top interdisciplinary new media programs in the nation, including the graduate programs through the School of Arts, Media and Engineering at ASU.

Digital culture alumni have received job opportunities in:

- 3D modeling and fabrication
- audio and video
- engineering
- graphic design
- illustration
- iOS development
- journalism
- programming
- software engineering
- special effects
- visual media

Contact Information:

Design & the Arts, Herberger Institute for
Arts, Media and Engineering Sch T
<https://artsmediaengineering.asu.edu/degree-programs/digital-culture>
STAUF B 217
digitalculture@asu.edu
480-965-9438

Digital Culture (Media Processing), BS (HIDGCMPPBS)

Campus: Tempe

Program Description:

The BS program in digital culture with a concentration in media processing is for students wishing to specialize in media processing aspects of new media.

This program teaches students to understand the transformative role of digital technology in cultural practice, society and day-to-day life, emphasizing the strongest emerging trends in cultural media: systems and processes that integrate digital technology with the everyday physical human experience. Students in the Bachelor of Science program complement the knowledge acquired through digital culture coursework with a more advanced understanding of the programming, data structures, signals processing and system architecture aspects of new media.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

Students must have a GPA of 3.00 to transfer into the digital culture program.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=HIDGCMPBS~null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Career opportunities include positions in the following fields: graphic design, design, audio, visual media, computer science, technology, technical writing, creative writing and comparative literature.

Digital Culture alumni have obtained careers as: graphic designers, 3D modelers, special effects artists, visual media artists, programmers, engineers and software specialists with Apple, Microsoft, CISCO, Industrial Light and Sound, PIXAR, and other techno-centric companies.

Contact Information:

Design & the Arts, Herberger Institute for

Arts, Media and Engineering Sch T

<https://artsmediaengineering.asu.edu/>

STAUF B217

digitalculture@asu.edu

480-965-9438

Digital Culture (Music), BA (HIDGCMBA)

Campus: Tempe

Program Description:

The BA program in digital culture equips students with the technical skills they need to create computational media and the ability to know when or why to apply them.

Students learn to create computational media, which is computation combined with objects, sound, video, time, space, culture and bodies; breathe behavior into media, objects or systems by programming; think critically about how computation impacts lives and how culture makes a difference in how people experience computational media, a critical skill in this dynamic age.

Armed with skills and reasoned judgment, graduates work in cultural communication, marketing, design, social media, health, education, entertainment and creative arts, and all areas in which culture is shaped by technology and computational media. All students gain techniques to change the world and communicate using contemporary computational media, a vital power in the 21st-century. Some go on to invent fresh techniques.

Graduates interested in continuing their education are well prepared to apply for the top interdisciplinary new media programs in the nation.

Digital Culture - Music Concentration

In the digital culture program with a concentration in music, students complement their knowledge of digital culture with discipline-specific courses in the School of Music. These courses focus on understanding the foundations, historical and theoretical structures of commercial and popular music, and the principles of electronic music composition and digital sound.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=HIDGCMBA~null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates of digital culture have a wide array of career opportunities in new media to choose from, in fields such as:

- communications (CISCO, Google, Facebook)
- computing (Apple, Microsoft)
- gaming and entertainment (Industrial Light and Magic, Electronic Arts, Pixar)
- media arts (engineering multimedia shows, video and sound production)

The digital culture curriculum also prepares students for roles in the development of modern media systems that address complex sociotechnical problems, such as:

- diagnostic, monitoring, and assistive cyber-physical tools and systems that can be used by health care providers
- new systems for collaborative, participatory content creation and sharing
- social networking and reflection tools for promoting sustainability
- systems for interactive, adaptive learning and computational assessment in educational organizations

Graduates who are interested in continuing their higher education are well prepared to apply for admission to the top interdisciplinary new media programs in the nation, including the graduate programs through the School of Arts, Media and Engineering at ASU.

Digital culture alumni have received job opportunities in:

- 3D modeling and fabrication
- audio and video
- engineering
- graphic design
- illustration
- iOS development
- journalism
- programming
- software engineering

- special effects
- visual media

Contact Information:

Design & the Arts, Herberger Institute for
 Arts, Media and Engineering Sch T
<https://artsmediaengineering.asu.edu/degree-programs/digital-culture>
 STAUF B 217
 digitalculture@asu.edu
 480-965-9438

Digital Culture (Theatre), BA (HIDGCTBA)

Campus: Tempe

Program Description:

The BA program in digital culture equips students with the technical skills they need to create computational media and the ability to know when or why to apply them.

Students learn to create computational media and computation combined with objects, sound, video, time, space, culture and bodies; breathe behavior into media, objects or systems by programming; and to think critically about how computation impacts lives and how culture makes a difference in how people experience computational media, a critical skill in this dynamic age.

Armed with skills and judgment, graduates work in cultural communication, marketing, design, social media, health, education, entertainment and creative arts, and all areas in which culture is shaped by technology and computational media. All students gain techniques to change the world and communicate using contemporary computational media, a vital power in the 21st-century. Some go on to invent fresh techniques.

Digital Culture - Theatre Concentration

The digital culture program in theatre is for students who desire to integrate principles of design and production with digital culture. Students complement their knowledge of digital culture with discipline-specific courses in the School of Film, Dance and Theatre that focus on understanding the fundamentals and principles of theatre design, including scene, lighting, sound, costume and multimedia design, while developing art and technical direction and digital design skills.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=HIDGCTBA~null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates of digital culture have a wide array of career opportunities in new media involving the fields of:

- communications (CISCO, Google, Facebook)
- computing (Apple, Microsoft)
- gaming and entertainment (Industrial Light and Magic, Electronic Arts, Pixar)
- media arts (engineering multimedia shows, video and sound production)

The digital culture curriculum also prepares students for roles in the development of modern media systems that address complex sociotechnical problems, such as:

- diagnostic, monitoring, and assistive cyber-physical tools and systems that can be used by health care providers
- new systems for collaborative, participatory content creation and sharing
- social networking and reflection tools for promoting sustainability
- systems for interactive, adaptive learning and computational assessment in educational organizations

Graduates who are interested in continuing their higher education are well prepared to apply for admission to the top interdisciplinary new media programs in the nation, including the graduate programs through the School of Arts, Media and Engineering at ASU.

Digital culture alumni have received job opportunities in the following fields:

- 3D modeling and fabrication
- audio and video
- engineering
- graphic design
- illustration
- iOS development
- journalism
- programming
- software engineering
- special effects
- visual media

Contact Information:

Design & the Arts, Herberger Institute for
Arts, Media and Engineering Sch T
<https://artsmediaengineering.asu.edu/degree-programs/digital-culture>
STAUF B 217
digitalculture@asu.edu
480-965-9438

Environmental Design, BS (HIEDSBS)

Campus: Tempe

Program Description:

The BS program in environmental design offers an integrated curriculum in environmental design primarily in a nonstudio format. This undergraduate program is designed to create a deep awareness and knowledge of issues that influence the design of built environments and the design of artifacts in general.

The program of study emphasizes general knowledge and design research as well as focus areas. Focus areas include histories and theories of design; innovation, technology and design strategies; and sustainability in environmental design. The curriculum provides special understanding of theories, technologies, social issues and management aspects related to the student's chosen focus area. While studio courses cannot be taken as electives, students take career-specific design electives and the degree prepares students for all graduate programs in The Design School.

The program is not a professional degree program but provides a broad base of skills and knowledge in environmental design.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 170 - Precalculus

Program Math Intensity: Moderate

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Creative Enterprise and Cultural Leadership, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts or one of its programs must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=HIEDSBS~null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates of this program may take on roles in offices, businesses, public institutions and industries that require an awareness of issues that affect environmental design. Additionally, graduates may choose to apply to graduate programs in related disciplines to pursue professional or other graduate degrees.

Contact Information:

Design & the Arts, Herberger Institute for

The Design School

<https://design.asu.edu>

CDN 162

herbergeradvising@asu.edu

480-965-4495

Fashion, BA (HIFSHBA)

Campus: Tempe

Program Description:

The BA in fashion at ASU is a transdisciplinary program that provides students with a foundation that enables them to work across many segments in the fashion industry.

The fashion program at ASU combines history, business practices and hands-on studio experience to prepare students for a variety of roles in this global industry. Gaining a proficiency in illustration skills, fluency with materials, traditional techniques and digital technologies, students are prepared for interdisciplinary collaborations through focus tracks in marketing and merchandising, wearable technology, sustainability, management and leadership, international experience, and fashion and culture. In the capstone experience, students develop a substantial project within their focus area. Opportunities for internships and study abroad further advance students' professional goals.

Through the leadership of well-known industry professionals, students with the bachelor's degree in fashion are connected globally to leaders in the industry.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

An ASU student who would like to change majors to one offered by the Herberger Institute or one of its programs must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=HIFSHBA~null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates are prepared to enter a variety of roles in the fashion industry, including fashion designers, merchandise display and window designers, textile and apparel production managers, fabric designers, marketing researchers and other fashion business analysts, supply chain managers for the apparel industry, fashion critics, curators and many other related positions.

Contact Information:

Design & the Arts, Herberger Institute for
School of Art

<https://art.asu.edu/>

ART 102

herbergeradvising@asu.edu

480-965-8521

Film (Film and Media Production), BA (FAFLMBA)

Campus: Tempe

Program Description:

By bringing their own unique stories to life, students pursuing a degree in film and media production develop a comprehensive and practical knowledge of digital media production, an awareness of the impact of media and entertainment on audiences and culture, and an understanding of the role of the artist in society.

Students in the concentration have access to digital cameras, lighting and sound equipment, post-production software and facilities, and other resources --- including talented and dedicated peer and faculty colleagues --- that will give them multiple opportunities to produce projects of exceptional quality.

In this degree program, students have a choice between three upper-division tracks of study: directing, producing/screenwriting and media technology (including cinematography, post-production and sound). Each course of study is supported by the degree-wide emphasis on ethical filmmaking practices, innovative creative expression and preparation for a career as an industry professional.

The program is offered by the New American Film School.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

OR MAT 117 OR MAT 119

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Creative Enterprise and Cultural Leadership, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

All film students are admitted to ASU into the Bachelor of Arts in film, filmmaking practices concentration. Students who wish to pursue the highly selective, studio-based Bachelor of Arts in film, film and media production concentration must complete the 15-hour film core and successfully pass an interview and review of their creative work to enter the concentration. This interview and creative work review generally takes place in the third or fourth term at ASU.

Change of Major Requirements:

An ASU student who would like to change majors to one offered by the Herberger Institute or one of its programs must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=FAFLMBA~null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

The film and media production concentration provides students with the knowledge and experience to prepare them to enter careers in media and entertainment as:

- cinematographers and camera operators
- directors for motion pictures, television and documentary
- editors and post-production specialists
- producers and production executives
- screenwriters for motion pictures and television
- videographers and digital media content creators

The bachelor's degree program is an excellent broad-based foundation for work in the profession or to prepare students for further training at graduate schools or conservatories.

Contact Information:

Design & the Arts, Herberger Institute for

The New American Film School

<https://film.asu.edu/>

GHALL 232

fdt@asu.edu

480-965-5337

Film (Filmmaking Practices), BA (FAFPRBA)

Campus: Tempe

Program Description:

Students who pursue the BA in film with a concentration in filmmaking practices receive grounding in fundamental production skills; entertainment and media ethics; feature, short and episodic screenwriting; and general film and media industry history and practices.

Students have the option of two tracks of study in the upper division: screenwriting or preprofessional. Students who choose the track in screenwriting are required to take multiple writing courses at the intermediate and advanced levels. Students in the preprofessional track chose among a series of course options in each of these areas: writing, producing, and film and media technology.

Production experience is regularly available through select lower-division courses that provide creative coursework options, the upper-division course FMP 300 and credited opportunities to work on projects produced by students, faculty, and the New American Film School. All students complete a year-long senior project, initiated and developed by the students and supported with dedicated faculty mentorship, and are supported in their professional goals through the innovative Film Spark program in Santa Monica, Calif.

Additional Program Fee: Y**Second Language Requirement:** N

First Required Math Course: MAT 142 - College Mathematics

OR MAT 117 OR MAT 119

Program Math Intensity: General**Accelerated Degree Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Creative Enterprise and Cultural Leadership, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

An ASU student who would like to change majors to one offered by the Herberger Institute or one of its programs must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=FAFPRBA~null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

The filmmaking practices concentration provides preprofessional students with the knowledge and experience to prepare them for entry-level positions in media and entertainment production; producing; public relations, marketing and management; or to enter advanced graduate-level education. Screenwriting allows students to develop a diverse and unique writing portfolio and an understanding of the creative and professional skills required to establish and maintain a successful career as a writer.

Contact Information:

Design & the Arts, Herberger Institute for

The New American Film School

<https://film.asu.edu/>

GHALL 232

fdt@asu.edu

Graphic Design, BSD (ARGRABSD)

Campus: Tempe, Online

Program Description:

The graphic design program in The Design School is committed to excellence in traditional and contemporary graphic design education, professionalism, research, and service for the community at large. Faculty, alumni, students, and visiting designers and educators constantly reinforce the link between society and nature and vigorously advocate quality in developing communication strategies.

The curriculum acknowledges the need for creative environments that address ecological concerns and encourages students to develop sustainable transdisciplinary works sensitive to cultural aesthetic. The curriculum rests on a strong foundation (design principles) provided in lower-division studio and lecture courses. Upper-division studio courses provide opportunities for students to work in collaborative teams addressing professional projects in information design, interaction design, exhibition design, animation, motion graphics, branding, publication design, web design, interface design and multiple contemporary facets of sensorial design.

Students are free to explore <http://asudesignshow.com/> (<http://asudesignshow.com/>) --- a site maintained, monitored and voiced by alumni and members of the Graphic Design Senior Student Association. The Visual Communication Design faculty believe that the prime endorsement of the quality and continuing evolution of the program is sustained when voices are heard from an active, enthusiastic and professionally progressive body of alumni and students.

Graphic designers are responsible for designing how information is communicated. Forms of communication include print, video, film and electronic (web). Graphic designers are concerned with appearance, choosing the appropriate mechanism for communication, clarity of information and its effectiveness, and how communication is transferred and received.

The BSD program in graphic design places an emphasis on strategic communication developed through a design process that includes research, analysis, conceptualization, planning and realization. The process leads to innovative visual communication design solutions for contemporary design problems that are local to global in scope.

All students who are admitted to the major must pass a degree milestone at the end of the first year to continue in the major. For more information on the milestone process, students should visit <https://design.asu.edu/resources/students/milestones> (<https://design.asu.edu/resources/students/milestones>). This is an eight-semester graphic design program that requires sequential completion of studio coursework or approved equivalent at any point of entry.

This program is offered by The Design School at ASU.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

OR MAT 117 OR MAT 119

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/graphic-design-major/>)

Change of Major Requirements:

An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ARGRABSD-null+&college=CHI>) to outline a list of

recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Based on a diversified portfolio upon graduation, those who opt for the graphic design profession gain employment in:

- advertising and marketing design
- brand and corporate identity design
- broadcast (TV graphics) design
- interaction and interface design
- museum or exhibition design
- publication design
- visual communication design
- web design

Specific examples of graphic designers' work include:

- annual reports
- books
- environmental graphics
- information design
- motion graphics
- multimedia presentations
- publications
- websites

Graduates of the program may also pursue graduate studies leading to careers in design education and other fields of professional endeavor in design.

Contact Information:

Design & the Arts, Herberger Institute for
The Design School
<https://design.asu.edu/degree-programs>
CDN 162
herbergeradvising@asu.edu
480-965-4495

Industrial Design, BSD (ARINDBSD)

Campus: Tempe

Program Description:

Industrial designers are responsible for the design of product and service systems that people use in their everyday lives. The BSD in industrial design at ASU focuses on a new model of transdisciplinary product development called integrated innovation. Using this model of innovation, students systematically work through a matrix of four questions:

- What is valuable to users?
- What is possible through engineering?
- What is desirable to business?
- What is good for society and the environment?

The goal of the program is to help students learn how to create product and service systems that: benefit society while minimizing impacts on the environment, can be realized through appropriate technology and engineering, create measurable value for business, and satisfy people's needs.

All students who are admitted to the major must pass a degree milestone to continue in the major at the end of the first year. For more information on the milestone process, students should visit <https://design.asu.edu/resources/students/milestones> (<https://design.asu.edu/resources/students/milestones>).

This is an eight-semester program requiring sequential completion of studio coursework or approved equivalent at any point of entry.

Additional Program Fee: Y

Second Language Requirement: N**First Required Math Course:** MAT 170 - Precalculus**Program Math Intensity:** Moderate**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)International (<https://students.asu.edu/international/future>)Readmission (<https://students.asu.edu/readmission>)**Change of Major Requirements:**

An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.**Transfer Options:**ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ARINDBSD~null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.**Career Opportunities:**

After completing the program successfully, graduates have the option of working as designers in several capacities:

They may obtain employment as members of in-house design teams at corporations in a variety of industries including, but not limited to:

- consumer goods
- furniture
- health care and medical products
- packaging design
- sports and outdoor goods
- toys
- trade show and exhibit design
- transportation and mobility device design
- user interface design

Graduates may obtain employment with consulting firms that design products and services for a variety of clients. They may obtain employment with nonprofit institutions or nongovernmental organizations addressing specific social or environmental problems. They may pursue entrepreneurship opportunities; some graduates have established their own design and manufacturing ventures. Or, graduates may pursue teaching a variety of courses in art and design schools, colleges or universities, part time or full time.

Contact Information:

Design & the Arts, Herberger Institute for

The Design School

<https://design.asu.edu/degree-programs>

CDN 162

herbergeradvising@asu.edu

480-965-4495

Interior Design, BSD (ARINTBSD)**Campus:** Tempe**Program Description:**

The interior design program at The Design School explores how people inhabit, interact with and transform interior environments. Interior designers create environments within buildings that meet the physical and psychological needs of individuals and institutions, providing a useful, rich and rewarding environment for users. Interior design involves the design of space, equipment and furniture. It requires substantial technical and

organizational understanding; sensibility to form, lighting, color and texture; and an awareness of design history and theory.

All students admitted to the major must pass a degree milestone at the end of the first year to continue in the major. For more information on the milestone process, students should visit <https://design.asu.edu/resources/students/milestones> (<https://design.asu.edu/resources/students/milestones>). This is an eight-semester program requiring sequential completion of studio coursework or approved equivalent at any point of entry.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 170 - Precalculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

An ASU student who would like to change majors to one offered by the Herberger Institute or one of its programs must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ARINTBSD~null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates find employment opportunities with interior design firms, architecture firms or corporations and governmental entities of any size. Firms may specialize in interior design for residential, commercial, retail, hospitality, institutional and health care spaces. Career specialties include historic restoration, branding, sustainability, new product innovation, and incorporation of new technology.

Contact Information:

Design & the Arts, Herberger Institute for

The Design School

<https://design.asu.edu/degree-programs>

CDN 162

herbergeradvising@asu.edu

480-965-4495

Landscape Architecture, BSLA (ARPLABSLA)

Campus: Tempe

Program Description:

The BSLA program offers students the opportunity to engage with the community in applied projects that focus on designing sustainable outdoor environments and improving the ecological and social health of the urban environment.

Undergraduate landscape architecture projects can range from large-scale work encompassing urban design, landscape restoration, open space preservation planning, community planning and landscape ecological design to projects at the more intimate scale of a neighborhood park or residential backyard. Emerging areas of focus include creative placemaking; environmental equity, green roofs and living walls; restorative environments; sustainable design; and urban climate design. Students complement their design learning with electives from a broad range of approved courses.

Completion of the Bachelor of Science in Landscape Architecture provides the qualifications to take the Landscape Architect in Training examination leading to registration as a professional landscape architect. As the only undergraduate degree offered at The Design School which leads directly to professional registration and as an entry point to the profession, above average or higher performance is needed to be successful.

Students should see the BSLA major map for details on specific courses and semester curricula.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 170 - Precalculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

An ASU student who would like to change majors to one offered by the Herberger Institute or one of its programs must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ARPLABSLA~null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

The bachelor's degree program is designed to prepare students for landscape architecture professional practice and advanced study at the graduate level. Graduates have found employment in nationally recognized firms working with notable landscape architects in large multinational firms or in public agencies. Alumni have also gone on to pursue advanced study at universities with distinguished graduate programs in landscape architecture and allied design fields.

The U.S. Bureau of Labor Statistics projects employment for landscape architects will grow 4% from 2018 to 2028, about as fast as the average for all occupations. The bureau also notes employers prefer hiring entry-level landscape architects with internship experience, to significantly reduce the amount of on-the-job training. The bachelor's degree program has an internship requirement meant to address this preference and better prepare graduates for employment.

Contact Information:

Design & the Arts, Herberger Institute for

The Design School

<https://design.asu.edu>

CDN 162

herbergeradvising@asu.edu

480-965-4495

Music, BA (FAMUSBA)

Campus: Tempe

Program Description:

The BA in music provides students with a broadly based liberal arts degree. Students receive a strong foundation in music theory and music history while completing lessons on their major instrument. The curricular core provides students the opportunity to explore music as human history, cultural artifact and social behavior. Students may combine the degree with another major or minor within ASU.

Additional Program Fee: Y

Second Language Requirement: Yes

First Required Math Course: MAT 142 - College Mathematics or MAT 117 or MAT 119

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Creative Enterprise and Cultural Leadership, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Important: Applicants must submit an ASU application for undergraduate admission in addition to a separate School of Music, Dance and Theatre application. Students should visit <https://music.asu.edu/admissions/undergraduate-steps-to-apply> (<https://music.asu.edu/admissions/undergraduate-steps-to-apply>) for details. Admission to the School of Music, Dance and Theatre is based on an audition. Live auditions take place on campus in November (spring admission) and in January and February (fall admission) of each year. Applicants may review audition information at <http://music.asu.edu/admissions/undergraduate-auditions> (<http://music.asu.edu/admissions/undergraduate-auditions>).

Admission to the music program is highly selective and based on an audition process. Students are admitted as music audition students and must successfully complete the audition before enrolling in music major courses. Upon admission to both ASU and the School of Music, Dance and Theatre, the applicant's major will be changed to music. In the event a student is admitted to ASU but not to the School of Music, Dance and Theatre or misses the audition deadline, the student will remain as a music audition major and will need to successfully pass the music audition milestone in the first semester in order to gain admission into the program.

Application Deadlines: Students should visit <https://music.asu.edu/admissions/undergraduate-deadlines-fees> (<https://music.asu.edu/admissions/undergraduate-deadlines-fees>) for complete music deadlines.

Spring 2020: The deadline to apply for admission to this program is Oct. 15, 2019.

Fall 2020: The deadline to apply for admission to this program is Jan. 5, 2020.

Transfer Admission Requirements:

Transfer Applicants: Transfer of courses from other accredited institutions is subject to the existence of parallel and equal courses in the college's curriculum, and departmental or school evaluation of studio and class piano courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 credit hours in resident credit at ASU. Transfer students enrolled in the institute must complete a minimum of 15 resident credit hours in the major as approved by the faculty.

Application Deadlines: Students should visit <https://music.asu.edu/admissions/undergraduate-deadlines-fees> (<https://music.asu.edu/admissions/undergraduate-deadlines-fees>) for complete music deadlines.

Spring 2020: The deadline to apply for admission to this program is Oct. 15, 2019.

Fall 2020: The deadline to apply for admission to this program is Jan. 5, 2020.

Change of Major Requirements:

An ASU student who would like to change majors to one offered by the Herberger Institute or one of its programs must have a minimum cumulative

GPA of 2.50 (scale is 4.00 = "A").

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercrreditguide/app/transfermap?major=FAMUSBA-null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates are prepared to work in various professional or entrepreneurial capacities, including:

- music criticism and research, ethnomusicology and musicology
- music entrepreneurship, concert management and promotion
- music publishing
- performing in community and professional ensembles in a variety of styles and traditions
- teaching in a private studio or community program

Many graduates pursue a master's degree or a doctorate in music or another professional field.

Contact Information:

Design & the Arts, Herberger Institute for
School of Music, Dance and Theatre

<https://music.asu.edu>

MUSIC E167

MusicAdmissions@asu.edu

480-965-5069

Music (Music and Culture), BA (HIMUSMCBA)

Campus: Tempe

Program Description:

The BA in music with a concentration in music and culture is a broadly based liberal-arts degree offering the most elective flexibility of any ASU music major.

The program provides skills applicable to careers in music and many other fields (e.g., librarianship, arts festival management or production, criticism, audience educator, recruitment, artist representation, publishing, creative writing). Students may develop mainstream competencies such as performing or writing about Western European music, conducting and teaching about music. They may also pursue coursework in popular song writing, beat-making, acoustics, advocacy of wellness through music, dance as musical embodiment and selected musical competencies of Asia, Latin America and other areas.

Students explore music as human history, cultural artifact and social behavior, and engage in interdisciplinary thinking and academic research and writing. Because of the high percentage of elective courses, students may tailor both the General Studies courses and the music electives to suit their career goals.

Additional Program Fee: Y

Second Language Requirement: Yes

First Required Math Course: MAT 117 - College Algebra

Or MAT 119 or MAT 142

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Important: Applicants must submit an ASU application for undergraduate admission in addition to a separate School of Music, Dance and Theatre application. Students should visit <https://music.asu.edu/admissions/undergraduate-steps-to-apply> (<https://music.asu.edu/admissions/undergraduate-steps-to-apply>) for details. Admission to the School of Music, Dance and Theatre is based on an audition. Live auditions take place on campus in November (spring admission) and in January and February (fall admission) of each year. Review audition information at <http://music.asu.edu/admissions/undergraduate-auditions> (<http://music.asu.edu/admissions/undergraduate-auditions>).

Admission to the music program is highly selective and based on an audition process. Students are admitted as music audition students and must successfully complete the audition before enrolling in music major courses. Upon admission to both ASU and the School of Music, Dance and Theatre, the applicant's major will be changed to music. In the event a student is admitted to ASU but not to the School of Music, Dance and Theatre or misses the audition deadline, the student will remain as a music audition major and will need to successfully pass the music audition milestone in the first semester in order to gain admission into the program.

Audition process for admittance to music and culture concentration:

- Submit a writing sample, which will be evaluated by all musicology faculty members.

Submit evidence of musicianship broadly defined (basic notational literacy plus live audition on, for example, didgeridoo or gospel-style composition, or documented transdisciplinary installation including music), which will be evaluated by all musicology faculty.

- Attend an interview with at least three musicology faculty members.

• Each student will be matched with a musicology advisor at the time of acceptance. The advisor will assist students in the choice of ensembles (as qualified) and electives to support their programs of study. Students must audition and be accepted into large ensembles following established procedures.

• Students who wish to take studio lessons as part of the degree must audition for the appropriate performance faculty members. Students should follow the BA in music audition requirements.

Application Deadlines: Students should visit <https://music.asu.edu/admissions/undergraduate-deadlines-fees> (<https://music.asu.edu/admissions/undergraduate-deadlines-fees>) for complete music deadlines.

Spring 2020: The deadline to apply for admission to this program is Oct. 15, 2019.

Fall 2020: The deadline to apply for admission to this program is Jan. 5, 2020.

Transfer Admission Requirements:

Transfer Applicants: Transfer of courses from other accredited institutions is subject to the existence of parallel and equal courses in the college's curriculum, and departmental or school evaluation of studio and class piano courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 credit hours in resident credit at ASU. Transfer students enrolled in the institute must complete a minimum of 15 resident credit hours in the major as approved by the faculty.

Application Deadlines: Students should visit <https://music.asu.edu/admissions/undergraduate-deadlines-fees> (<https://music.asu.edu/admissions/undergraduate-deadlines-fees>) for complete music deadlines.

Spring 2020: The deadline to apply for admission to this program is Oct. 15, 2019.

Fall 2020: The deadline to apply for admission to this program is Jan. 5, 2020.

Change of Major Requirements:

An ASU student who would like to change majors to one offered by the Herberger Institute or one of its programs must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=HIMUSMCBA~null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

The program prepares students for potential careers in fields that require skilled written communication, the ability to conduct research both in electronic and print media, critical and logical thinking, the dissection of an argument, and careful time management.

In addition to the careers listed below, graduates may pursue jobs in music and medical humanities or copyright and entertainment law. Graduates are prepared to work in various professional capacities, including:

- music criticism and research, ethnomusicology and musicology
- music entrepreneurship, concert management and promotion
- music in culture, music blogging
- music publishing, program annotation
- performer in community and professional ensembles in a variety of styles and traditions
- private studio or community program teaching
- music librarian
- music-related fields

Contact Information:

Design & the Arts, Herberger Institute for
School of Music, Dance and Theatre

<https://music.asu.edu/degree-programs/musicology?dept=151167&id=1>

MUSIC E167

MusicAdmissions@asu.edu

480-965-5069

Music (Popular Music), BA (HIMUSPMBA)

Campus: Tempe

Program Description:

The popular music concentration within the BA program in music at Arizona State University welcomes and accommodates 21st-century musicians interested in popular music, music industry studies and entrepreneurship. This includes but is not limited to singers and songwriters, laptop performers or composers, guitarists, bassists, keyboardists, and other instrumentalists and vocalists whose musical practices and playing styles are representative of varied popular music idioms.

Students in this concentration develop musicianship and expertise in songwriting and creating, performing and producing music. All students gain a working knowledge of the music industry and music business, and the entrepreneurial skills necessary to gain meaningful employment upon graduation. Students participate in individual applied study in a chosen specialization, as well as a variety of group performances and production opportunities. Internships associated with specialization courses provide opportunities for students to apply their learning in a real-life context. A capstone course allows students to develop original work in their chosen area of emphasis.

Some classes for this program are offered on the Downtown Phoenix campus.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 117 - College Algebra or MAT 119 or MAT 142

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Audition Process for admittance to BA in Music (Popular Music) concentration:

Artist Statement:

All auditioning students must submit an artist statement explaining both their current work and vision of their future work in popular music. A minimum of 250 words is required.

Audition:

Live auditions or recorded auditions are required for admission to the BA program in popular music and for placement in MUP 111 Studio Instruction in popular music. A live audition consists of a 15-minute performance or presentation consisting of three to five selections of live or digital music performance. The selections may be original works or selections from popular music repertoire. The audition will also include scales, improvisation and aural skills. Students may also provide a recorded sample of their creative popular music work if they so choose.

For students seeking to pursue popular music performance, a live or recorded performance video is required for at least part of the audition. For other disciplines in which a video is not possible (studio recording, music creation and composition), students are required to submit a digital audio sound recording of three to five selections.

The audition also includes a live or remote interview. A live audition is preferred. Applicants who are unable to visit the campus for a live audition may upload a recorded audition to the School of Music, Dance and Theatre application. These students will be contacted by faculty to arrange a remote interview.

Students interested in pursuing classical music lessons are required to follow the classical repertoire audition requirements for MUP 111 Studio Instruction in addition to auditioning for MUP 111 Studio Instruction in popular music.

Transfer Admission Requirements:

Students transferring from community colleges, other universities or other ASU programs engage in the same audition process as first-year students.

Transfer students are encouraged to audition during the semester before they wish to enroll at ASU. They will also take piano and music theory diagnostic exams at that time to ensure placement in appropriate coursework.

Transfer of courses from other accredited institutions is subject to the existence of parallel and equal courses in the college's curriculum, and departmental or school evaluation of studio and class piano courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 credit hours in resident credit at ASU. Transfer students enrolled in the institute must complete a minimum of 15 resident credit hours in the major as approved by the faculty.

Change of Major Requirements:

An ASU student who would like to change majors to one offered by the Herberger Institute or one of its programs must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A"), and may change their major to the BA in music with a concentration in popular music if they successfully complete the audition process required for admittance, and are accepted into the degree.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=HIMUSPMBA~null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

The bachelor's degree in music with a concentration in popular music prepares students for potential careers in the popular music industry that involve creativity and creating new work, being a flexible musician, collaborating with others in the community and having knowledge of music business and music marketing. Possible jobs include:

- concert management and promotion
- entrepreneurship
- music marketing
- music performance in the popular music sector
- music publishing
- nonprofit arts related work
- teaching a private studio
- work in music related fields

Contact Information:

Design & the Arts, Herberger Institute for
 School of Music, Dance and Theatre
<https://music.asu.edu>
 MUSIC 169
musicadmissions@asu.edu
 480-965-5069

Music Learning and Teaching, BMUS (FAMUSEBM)

Campus: Tempe

This program's name has changed effective Fall 2020. The previous name was Music Education.

Program Description:

The BMus program in music learning and teaching is an innovative 120 credit hour degree program designed to prepare students for successful careers as leaders in music learning and teaching in a variety of K-12 school and community settings. Upon completion, students earn a K-12 teaching certification with multistate reciprocity.

Coursework and lab participation help students develop strong musical skills and flexible musicianship, and to deepen and broaden their music making in varied styles and contexts, including contemporary digital music making. Students also develop skills and understandings to facilitate peoples' music engagement and learning in varied settings.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics
 OR MAT 117 OR MAT 119

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Important: Applicants must submit an ASU application for undergraduate admission in addition to a separate School of Music, Dance and Theatre application. Students should visit <https://music.asu.edu/admissions/undergraduate-steps-to-apply> (<https://music.asu.edu/admissions/undergraduate-steps-to-apply>) for details. Admission to the School of Music, Dance and Theatre is based on an audition. Live auditions take place on campus in November (spring admission) and in January and February (fall admission) of each year. Applicants may review audition information at <http://music.asu.edu/admissions/undergraduate-auditions> (<http://music.asu.edu/admissions/undergraduate-auditions>).

Admission to the music program is highly selective and based on an audition process. Students are admitted as music audition students and must successfully complete the audition before enrolling in music major courses. Upon admission to both ASU and the School of Music, Dance and Theatre, the applicant's major will be changed to music. In the event a student is admitted to ASU but not to the School of Music, Dance and Theatre or misses the audition deadline, the student remains as a music audition major and needs to successfully pass the music audition milestone in the first semester in order to gain admission into the program.

Application Deadlines: Students should visit <https://music.asu.edu/admissions/undergraduate-deadlines-fees> (<https://music.asu.edu/admissions/undergraduate-deadlines-fees>) for complete music deadlines.

Spring 2020: The deadline to apply for admission to this program is Oct. 15, 2019.

Fall 2020: The deadline to apply for admission to this program is Jan. 5, 2020.

Transfer Admission Requirements:

Transfer Applicants: Transfer of courses from other accredited institutions is subject to the existence of parallel and equal courses in the college's curriculum, and departmental or school evaluation of studio and class piano courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 credit hours in resident credit at ASU. Transfer students enrolled in the institute must complete a minimum of 15 resident credit hours in the major as approved by the faculty.

Application Deadlines: Students should visit <https://music.asu.edu/admissions/undergraduate-deadlines-fees> (<https://music.asu.edu/admissions/undergraduate-deadlines-fees>) for complete music deadlines.

Spring 2020: The deadline to apply for admission to this program is Oct. 15, 2019.

Fall 2020: The deadline to apply for admission to this program is Jan. 5, 2020.

Change of Major Requirements:

An ASU student who would like to change majors to one offered by the Herberger Institute or one of its programs must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search ([https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=FAMUSEBM-null + &college=CHI](https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=FAMUSEBM-null+%&college=CHI)) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates are prepared to teach in public and private school music programs that offer a variety of music classes, including general music, choir, band, orchestra, strings and other innovative music programs.

Graduates also are prepared to work in various professional or entrepreneurial capacities, including:

- performing in community and professional ensembles in a variety of styles and traditions or as a freelance musician in venues such as art galleries, churches, clubs, cruise ships, resorts, restaurants and theme parks
- presenting school and community programs as artist-in-residence
- teaching in a private studio or community program
- working in music-related fields such as media production, music business, publishing, marketing and education

Many graduates pursue a master's degree or a doctorate in music or in another professional field.

Contact Information:

Design & the Arts, Herberger Institute for
School of Music, Dance and Theatre
<https://music.asu.edu/degree-programs/music-education?dept=151170&id=1>
MUSIC E167
MusicAdmissions@asu.edu
480-965-5069

Music Therapy, BMUS (FAMUSTHBM)

Campus: Tempe

Program Description:

The BMus program in music therapy prepares students for a career in health care, community-based and special education settings. Music therapists use carefully planned music interventions to achieve desired changes in a client's individualized behavior and functioning. Music therapy is a profession in which engagement and receptive or active music-making helps a client achieve individual therapeutic goals. Educating the potential music therapist requires a wide range of musical, verbal and nonverbal skills. Music therapy students have many opportunities to develop their clinical skills. Students also study:

- human anatomy
- musical improvisation
- popular music styles
- psychology
- songwriting
- special education
- world music

Additional Program Fee: Y**Second Language Requirement:** N**First Required Math Course:** MAT 142 - College Mathematics

OR MAT 117 OR MAT 119

Program Math Intensity: General**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)International (<https://students.asu.edu/international/future>)Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Important: Applicants must submit an ASU application for undergraduate admission in addition to a separate School of Music, Dance and Theatre application. Students should visit <https://music.asu.edu/admissions/undergraduate-steps-to-apply> (<https://music.asu.edu/admissions/undergraduate-steps-to-apply>) for details. Admission to the School of Music, Dance and Theatre is based on an audition. Live auditions take place on campus in November (spring admission) and in January and February (fall admission) of each year. Applicants may review audition information at <http://music.asu.edu/admissions/undergraduate-auditions> (<http://music.asu.edu/admissions/undergraduate-auditions>).

Admission to the music program is highly selective and based on an audition process. Students are admitted as music audition students and must successfully complete the audition before enrolling in music major courses. Upon admission to both ASU and the School of Music, Dance and Theatre, the applicant's major will be changed to music. In the event a student is admitted to ASU but not to the School of Music, Dance and Theatre or misses the audition deadline, the student will remain as a music audition major and will need to successfully pass the music audition milestone in the first semester in order to gain admission into the program.

Application Deadlines: Students should visit <https://music.asu.edu/admissions/undergraduate-deadlines-fees> (<https://music.asu.edu/admissions/undergraduate-deadlines-fees>) for complete music deadlines.

Spring 2020: The deadline to apply for admission to this program is Oct. 15, 2019.

Fall 2020: The deadline to apply for admission to this program is Jan. 5, 2020.

Transfer Admission Requirements:

Transfer Applicants: Transfer of courses from other accredited institutions is subject to the existence of parallel and equal courses in the college's curriculum, and departmental or school evaluation of studio and class piano courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 credit hours in resident credit at ASU. Transfer students enrolled in the institute must complete a minimum of 15 resident credit hours in the major as approved by the faculty.

Application Deadlines: Students should visit <https://music.asu.edu/admissions/undergraduate-deadlines-fees> (<https://music.asu.edu/admissions/undergraduate-deadlines-fees>) for complete music deadlines.

Spring 2020: The deadline to apply for admission to this program is Oct. 15, 2019.

Fall 2020: The deadline to apply for admission to this program is Jan. 5, 2020.

Change of Major Requirements:

An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=FAMUSTHBM-null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates are eligible to sit for the music therapy certification examination given by the Certification Board for Music Therapists. Positions are available regionally and nationally in hospitals, schools, rehabilitation centers, nursing homes and other health care facilities. Graduates are prepared to work in the fields of community music therapy and wellness, geriatric care, mental health, physical rehabilitation, special education, or within veteran and military populations.

A music therapy career may also provide an opportunity for private practice with flexible hours.

Contact Information:

Design & the Arts, Herberger Institute for
School of Music, Dance and Theatre
<https://music.asu.edu/degree-programs/music-therapy>
MUSIC E167
MusicAdmissions@asu.edu
480-965-5069

Performance (Collaborative Piano), BMUS (FAMUSPPBM)

Campus: Tempe

Program Description:

The BMus program in performance with a concentration in collaborative piano offers private instruction in solo and collaborative piano, faculty coaching of chamber music and art song repertoire, and ample opportunity for extensive collaborative performance experiences. Collaborative piano students regularly perform with their vocal and instrumental colleagues on concerts at ASU and throughout the valley, including concerts at the Scottsdale Center, the Kerr Cultural Center, Tempe Center for the Arts and the renowned Musical Instrument Museum. The program focuses on the core repertoire of art song, piano chamber music and selected works from the operatic, musical theater and oratorio repertoire. Collaboration within the School of Music, Dance and Theatre involves all performance areas, including classes and opportunities with the Music Theatre and Opera program, concerts with large ensembles and choirs, duo recitals with instrumental and voice colleagues, and performances of great chamber music literature as part of the Visiting Quartet Residency program.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

OR MAT 117 OR MAT 119

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Important: Applicants must submit an ASU application for undergraduate admission in addition to a separate School of Music, Dance and Theatre application. Students should visit <https://music.asu.edu/admissions/undergraduate-steps-to-apply> (<https://music.asu.edu/admissions/undergraduate-steps-to-apply>) for details. Admission to the School of Music, Dance and Theatre is based on an audition. Live auditions take place on campus in November (spring admission) and in January and February (fall admission) of each year. Applicants may review audition information at <http://music.asu.edu/admissions/undergraduate-auditions> (<http://music.asu.edu/admissions/undergraduate-auditions>).

Admission to the music program is highly selective and based on an audition process. Students are admitted as music audition students and must successfully complete the audition before enrolling in music major courses. Upon admission to both ASU and the School of Music, Dance and Theatre, the applicant's major will be changed to music. In the event a student admitted to ASU but not to the School of Music, Dance and Theatre or misses the audition deadline, the student will remain as a music audition major and will need to successfully pass the music audition milestone in the first semester in order to gain admission into the program.

Application Deadlines: Students should visit <https://music.asu.edu/admissions/undergraduate-deadlines-fees> (<https://music.asu.edu/admissions/undergraduate-deadlines-fees>) for complete music deadlines.

Spring 2020: The deadline to apply for admission to this program is Oct. 15, 2019.

Fall 2020: The deadline to apply for admission to this program is Jan. 5, 2020.

Transfer Admission Requirements:

Transfer Applicants: Transfer of courses from other accredited institutions is subject to the existence of parallel and equal courses in the college's curriculum, and departmental or school evaluation of studio and class piano courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 credit hours in resident credit at ASU. Transfer students enrolled in the institute must complete a minimum of 15 resident credit hours in the major as approved by the faculty.

Application Deadlines: Students should visit <https://music.asu.edu/admissions/undergraduate-deadlines-fees> (<https://music.asu.edu/admissions/undergraduate-deadlines-fees>) for complete music deadlines.

Spring 2020: The deadline to apply for admission to this program is Oct. 15, 2019.

Fall 2020: The deadline to apply for admission to this program is Jan. 5, 2020.

Change of Major Requirements:

An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=FAMUSPPBM-null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates are prepared to work in various professional or entrepreneurial capacities, including:

- performing as a choral, collaborative or orchestral pianist or in music theater and opera pit ensembles and chamber music ensembles
- recording and studio work

- teaching in a private studio and community program
- working as a vocal coach or in music-related fields such as media production, music business, publishing and marketing

Many graduates pursue a master's degree or a doctorate in music or in another professional field.

Contact Information:

Design & the Arts, Herberger Institute for
 School of Music, Dance and Theatre
<https://music.asu.edu/degree-programs/piano?dept=151169&id=1>
 MUSIC E167
 MusicAdmissions@asu.edu
 480-965-5069

Performance (Guitar), BMUS (FAMUSPGBM)

Campus: Tempe

Program Description:

The BMus in performance with a concentration in guitar is a program that focuses on the study of classical guitar literature and techniques. Goals include enabling students to express themselves musically while emphasizing the skills necessary to pursue careers as professional musicians. The course of study includes extensive performance experiences.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

OR MAT 117 OR MAT 119

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Important: Applicants must submit an ASU application for undergraduate admission in addition to a separate School of Music, Dance and Theatre application. Students should visit <https://music.asu.edu/admissions/undergraduate-steps-to-apply> (<https://music.asu.edu/admissions/undergraduate-steps-to-apply>) for details. Admission to the School of Music, Dance and Theatre is based on an audition. Live auditions take place on campus in November (spring admission) and in January and February (fall admission) of each year. Applicants may review audition information at <http://music.asu.edu/admissions/undergraduate-auditions> (<http://music.asu.edu/admissions/undergraduate-auditions>).

Admission to the music program is highly selective and based on an audition process. Students are admitted as music audition students and must successfully complete the audition before enrolling in music major courses. Upon admission to both ASU and the School of Music, Dance and Theatre, the applicant's major will be changed to music. In the event a student is admitted to ASU but not to the School of Music, Dance and Theatre or misses the audition deadline, the student will remain as a music audition major and will need to successfully pass the music audition milestone in the first semester in order to gain admission into the program.

Application Deadlines: Students should visit <https://music.asu.edu/admissions/undergraduate-deadlines-fees> (<https://music.asu.edu/admissions/undergraduate-deadlines-fees>) for complete music deadlines.

Spring 2020: The deadline to apply for admission to this program is Oct. 15, 2019.

Fall 2020: The deadline to apply for admission to this program is Jan. 5, 2020.

Transfer Admission Requirements:

Transfer Applicants: Transfer of courses from other accredited institutions is subject to the existence of parallel and equal courses in the college's curriculum, and departmental or school evaluation of studio and class piano courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 credit hours in resident credit at ASU. Transfer students enrolled in the institute must complete a minimum of 15 resident credit hours in the major as approved by the faculty.

Application Deadlines: Students should visit <https://music.asu.edu/admissions/undergraduate-deadlines-fees> (<https://music.asu.edu/admissions/undergraduate-deadlines-fees>) for complete music deadlines.

Spring 2020: The deadline to apply for admission to this program is Oct. 15, 2019.

Fall 2020: The deadline to apply for admission to this program is Jan. 5, 2020.

Change of Major Requirements:

An ASU student who would like to change majors to one offered by the Herberger Institute or one of its programs must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transferecreditguide/app/transfermap?major=FAMUSPGBM~null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates are prepared to work in various professional or entrepreneurial capacities, including:

- performing as a concert soloist or in chamber music ensembles or as a freelance musician in venues such as art galleries, churches, clubs, cruise ships, resorts, restaurants and theme parks
- presenting school programs or serving on state or community arts councils as artist-in-residence
- recording and studio work
- teaching in a private studio or community program
- working in music-related fields such as media production, music business, publishing and marketing

Many graduates pursue a master's degree or a doctorate in music or in another professional field.

Contact Information:

Design & the Arts, Herberger Institute for
School of Music, Dance and Theatre
<https://music.asu.edu/degree-programs/strings>
MUSIC E167
MusicAdmissions@asu.edu
480-965-5069

Performance (Jazz), BMUS (FAMUSPJBM)

Campus: Tempe

Program Description:

The BMus in performance with a concentration in jazz prepares students for professional careers and leadership roles in jazz and related fields of contemporary music by promoting flexible musicianship and an understanding of the jazz tradition.

The curriculum includes course offerings in jazz performance, composition, arranging, history, theory, aural skills and pedagogy and is designed to incentivize artistic expression, innovation, and the exploration of blues-based improvisation, bebop, Latin jazz, swing and soul music. Students in the ASU jazz studies program will find an abundance of performance opportunities in the many university ensembles and professional groups that perform in the greater Phoenix metropolitan area.

Additional Program Fee: Y

Second Language Requirement: N**First Required Math Course:** MAT 142 - College Mathematics

OR MAT 117 OR MAT 119

Program Math Intensity: General**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)International (<https://students.asu.edu/international/future>)Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Important: Applicants must submit an ASU application for undergraduate admission in addition to a separate School of Music, Dance and Theatre application. Students should visit <https://music.asu.edu/admissions/undergraduate-steps-to-apply> (<https://music.asu.edu/admissions/undergraduate-steps-to-apply>) for details. Admission to the School of Music, Dance and Theatre is based on an audition. Live auditions take place on campus in November (spring admission) and in January and February (fall admission) of each year. Applicants may review audition information at <http://music.asu.edu/admissions/undergraduate-auditions> (<http://music.asu.edu/admissions/undergraduate-auditions>).

Admission to the music program is highly selective and based on an audition process. Students are admitted as music audition students and must successfully complete the audition before enrolling in music major courses. Upon admission to both ASU and the School of Music, Dance and Theatre, the applicant's major will be changed to music. In the event a student is admitted to ASU but not to the School of Music, Dance and Theatre or misses the audition deadline, the student will remain as a music audition major and will need to successfully pass the music audition milestone in the first semester in order to gain admission into the program.

Application Deadlines: Students should visit <https://music.asu.edu/admissions/undergraduate-deadlines-fees> (<https://music.asu.edu/admissions/undergraduate-deadlines-fees>) for complete music deadlines.

Spring 2020: The deadline to apply for admission to this program is Oct. 15, 2019.

Fall 2020: The deadline to apply for admission to this program is Jan. 5, 2020.

Transfer Admission Requirements:

Transfer Applicants: Transfer of courses from other accredited institutions is subject to the existence of parallel and equal courses in the college's curriculum, and departmental or school evaluation of studio and class piano courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 credit hours in resident credit at ASU. Transfer students enrolled in the institute must complete a minimum of 15 resident credit hours in the major as approved by the faculty.

Application Deadlines: Students should visit <https://music.asu.edu/admissions/undergraduate-deadlines-fees> (<https://music.asu.edu/admissions/undergraduate-deadlines-fees>) for complete music deadlines.

Spring 2020: The deadline to apply for admission to this program is Oct. 15, 2019.

Fall 2020: The deadline to apply for admission to this program is Jan. 5, 2020.

Change of Major Requirements:

An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=FAMUSPJBM~null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates are prepared to work in various professional or entrepreneurial capacities, including:

- accompanying
- jazz composing or arranging
- performing as a freelance musician in venues such as art galleries, churches, clubs, cruise ships, resorts, restaurants and theme parks
- recording and studio work
- teaching in a private studio or community program
- working in music-related fields such as media production, music business, publishing and marketing

Many graduates pursue a master's degree or a doctorate in music or in another professional field.

Contact Information:

Design & the Arts, Herberger Institute for

School of Music, Dance and Theatre

<https://music.asu.edu/degree-programs/jazz-studies>

MUSIC E167

MusicAdmissions@asu.edu

480-965-5069

Performance (Keyboard), BMUS (FAMUSPKBM)

Campus: Tempe

Program Description:

The BMus in performance with a concentration in keyboard is a program that focuses on the study of literature and techniques of the piano or organ. Goals include enabling students to express themselves musically while emphasizing the skills necessary to pursue a career as a professional musician. The course of study includes extensive performance experience.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

OR MAT 117 OR MAT 119

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Important: Applicants must submit an ASU application for undergraduate admission in addition to a separate School of Music, Dance and Theatre application. Students should visit <https://music.asu.edu/admissions/undergraduate-steps-to-apply> (<https://music.asu.edu/admissions/undergraduate-steps-to-apply>) for details. Admission to the School of Music, Dance and Theatre is based on an audition. Live auditions take place on campus in November (spring admission) and in January and February (fall admission) of each year. Applicants may review audition information at <http://music.asu.edu/admissions/undergraduate-auditions> (<http://music.asu.edu/admissions/undergraduate-auditions>).

Admission to the music program is highly selective and based on an audition process. Students are admitted as music audition students and must successfully complete the audition before enrolling in music major courses. Upon admission to both ASU and the School of Music, Dance and Theatre, the applicant's major will be changed to music. In the event a student is admitted to ASU but not to the School of Music, Dance and Theatre or misses the audition deadline, the student will remain as a music audition major and will need to successfully pass the music audition milestone in the first semester in order to gain admission into the program.

Application Deadlines: Students should visit <https://music.asu.edu/admissions/undergraduate-deadlines-fees> (<https://music.asu.edu/admissions/undergraduate-deadlines-fees>) for complete music deadlines.

Spring 2020: The deadline to apply for admission to this program is Oct. 15, 2019.

Fall 2020: The deadline to apply for admission to this program is Jan. 5, 2020.

Transfer Admission Requirements:

Transfer Applicants: Transfer of courses from other accredited institutions is subject to the existence of parallel and equal courses in the college's curriculum, and departmental or school evaluation of studio and class piano courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 credit hours in resident credit at ASU. Transfer students enrolled in the institute must complete a minimum of 15 resident credit hours in the major as approved by the faculty.

Application Deadlines: Students should visit <https://music.asu.edu/admissions/undergraduate-deadlines-fees> (<https://music.asu.edu/admissions/undergraduate-deadlines-fees>) for complete music deadlines.

Spring 2020: The deadline to apply for admission to this program is Oct. 15, 2019.

Fall 2020: The deadline to apply for admission to this program is Jan. 5, 2020.

Change of Major Requirements:

An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=FAMUSPKBM-null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates are prepared to work in various professional or entrepreneurial capacities, including:

- performing as a concert soloist or in chamber music ensembles
- performing as a freelance musician in venues such as art galleries, churches, clubs, cruise ships, resorts, restaurants and theme parks
- presenting school programs or serving on state or community arts councils as artist-in-residence
- recording and studio work
- teaching privately or in a professional music school, a college or a university program
- working in music-related fields such as media production, music business, publishing and marketing

Many graduates pursue a master's degree or a doctorate in music or in another professional field.

Contact Information:

Design & the Arts, Herberger Institute for
School of Music, Dance and Theatre
<https://music.asu.edu/degree-programs>
MUSIC E167
MusicAdmissions@asu.edu
480-965-5069

Performance (Music Theatre), BMUS (FAMUSPMBM)

Campus: Tempe

Program Description:

The BMus in performance with a concentration in music theatre is an intensive, performance-oriented program designed to hone all the skills necessary for the complete musical theatre artist. Training includes private voice lessons every semester of study as well as specialized instruction in acting, dance, audition techniques, technical production, repertoire classes, scene study and performance. A unique feature of this program includes an innovative sequence of musical theatre performance courses designed to synthesize all the abilities necessary to succeed as a professional musical theatre performer.

The music theatre and opera program is unique in that students are provided with professional training in both opera and musical theatre and training in a broad variety of musical theatre styles from traditional to contemporary. Two musicals and two operas are produced each year, plus new works and student-led productions. The annual showcase in New York City and Phoenix as well as formal collaborations with Arizona Opera and The Phoenix Theatre Company provide additional performance opportunities and valuable career immersion experiences for all students.

Additional Program Fee: Y**Second Language Requirement:** N**First Required Math Course:** MAT 142 - College Mathematics

OR MAT 117 OR MAT 119

Program Math Intensity: General**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)International (<https://students.asu.edu/international/future>)Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Important: Applicants must submit an ASU application for undergraduate admission in addition to a separate School of Music, Dance and Theatre application. Students should visit <https://music.asu.edu/admissions/undergraduate-steps-to-apply> (<https://music.asu.edu/admissions/undergraduate-steps-to-apply>) for details. Admission to the School of Music, Dance and Theatre is based on an audition. Live auditions take place on campus in November (spring admission) and in January and February (fall admission) of each year. Review audition information at <http://music.asu.edu/admissions/undergraduate-auditions> (<http://music.asu.edu/admissions/undergraduate-auditions>).

Admission to the music program is highly selective and based on an audition process. Students are admitted as music audition students and must successfully complete the audition before enrolling in music major courses. Upon admission to both ASU and the School of Music, Dance and Theatre, the applicant's major will be changed to music. In the event a student is admitted to ASU but not to the School of Music, Dance and Theatre or misses the audition deadline, the student will remain as a music audition major and will need to successfully pass the music audition milestone in the first semester in order to gain admission into the program.

Application Deadlines: Students should visit <https://music.asu.edu/admissions/undergraduate-deadlines-fees> (<https://music.asu.edu/admissions/undergraduate-deadlines-fees>) for complete music deadlines.

Spring 2020: The deadline to apply for admission to this program is Oct. 15, 2019.

Fall 2020: The deadline to apply for admission to this program is Jan. 5, 2020.

Transfer Admission Requirements:

Transfer Applicants: Transfer of courses from other accredited institutions is subject to the existence of parallel and equal courses in the college's curriculum, and departmental or school evaluation of studio and class piano courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 credit hours in resident credit at ASU. Transfer students enrolled in the institute must complete a minimum of 15 resident credit hours in the major as approved by the faculty.

Application Deadlines: Students should visit <https://music.asu.edu/admissions/undergraduate-deadlines-fees> (<https://music.asu.edu/admissions/undergraduate-deadlines-fees>) for complete music deadlines.

Spring 2020: The deadline to apply for admission to this program is Oct. 15, 2019.

Fall 2020: The deadline to apply for admission to this program is Jan. 5, 2020.

Change of Major Requirements:

An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=FAMUSPMBM~null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

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Career Opportunities:

This degree program is designed for individuals who plan a career as a performing singer and actor or actress in opera, operetta, musicals and other forms of musical theatre. Graduates become conductors, teachers, singers and actors or actresses and are prepared to work in various professional capacities, including performance:

- at universities, colleges and schools
- in major opera houses
- in national touring companies
- on Broadway

Contact Information:

Design & the Arts, Herberger Institute for
School of Music, Dance and Theatre
<https://music.asu.edu/music-theatre-and-opera>
MUSIC E167
MusicAdmissions@asu.edu
480-965-5069

Performance (Orchestral Instrument), BMUS (FAMUSPOBM)

Campus: Tempe

Program Description:

The BMus program in performance with a concentration in an orchestral instrument focuses on the study of music literature and techniques on a specific orchestral instrument. Students receive coaching from world-renowned faculty and visiting guest artists, attend masterclasses, and receive extensive performance experience in large ensembles as a chamber musician and as a soloist.

Students study a specific orchestral instrument intensively with a faculty member for eight semesters including major repertoire, solo literature and chamber music. Training is focused toward preparing students for a career in orchestral or chamber groups, in military bands or as a private lesson instructor. Students learn skills that prepare them for auditions and learn how to network with other musicians, how to market themselves professionally, and how to schedule and organize recitals and performances.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

OR MAT 117 OR MAT 119

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Important: Applicants must submit an ASU application for undergraduate admission in addition to a separate School of Music, Dance and Theatre application. Students should visit <https://music.asu.edu/admissions/undergraduate-steps-to-apply> (<https://music.asu.edu/admissions/undergraduate-steps-to-apply>) for details. Admission to the School of Music, Dance and Theatre is based on an audition. Live auditions take place on campus in November (spring admission) and in January and February (fall admission) of each year. Applicants may review audition information at <http://music.asu.edu/admissions/undergraduate-auditions> (<http://music.asu.edu/admissions/undergraduate-auditions>).

Admission to the music program is highly selective and based on an audition process. Students are admitted as music audition students and must successfully complete the audition before enrolling in music major courses. Upon admission to both ASU and the School of Music, Dance and Theatre, the applicant's major will be changed to music. In the event a student is admitted to ASU but not to the School of Music, Dance and Theatre or misses the audition deadline, the student will remain as a music audition major and will need to successfully pass the music audition milestone in the first semester in order to gain admission into the program.

Application Deadlines: Students should visit <https://music.asu.edu/admissions/undergraduate-deadlines-fees> (<https://music.asu.edu/admissions/undergraduate-deadlines-fees>) for complete music deadlines.

Spring 2020: The deadline to apply for admission to this program is Oct. 15, 2019.

Fall 2020: The deadline to apply for admission to this program is Jan. 5, 2020.

Transfer Admission Requirements:

Transfer Applicants: Transfer of courses from other accredited institutions is subject to the existence of parallel and equal courses in the college's curriculum, and departmental or school evaluation of studio and class piano courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 credit hours in resident credit at ASU. Transfer students enrolled in the institute must complete a minimum of 15 resident credit hours in the major as approved by the faculty.

Application Deadlines: Students should visit <https://music.asu.edu/admissions/undergraduate-deadlines-fees> (<https://music.asu.edu/admissions/undergraduate-deadlines-fees>) for complete music deadlines.

Spring 2020: The deadline to apply for admission to this program is Oct. 15, 2019.

Fall 2020: The deadline to apply for admission to this program is Jan. 5, 2020.

Change of Major Requirements:

An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=FAMUSPOBM-null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

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Career Opportunities:

Graduates are prepared to work in various professional or entrepreneurial capacities, including:

- performing as a concert soloist, as a freelance musician in venues such as art galleries, churches, clubs, cruise ships, resorts, restaurants and theme parks, or performing in orchestras, chamber music ensembles, music theatre and opera pit ensembles

- presenting school and community programs
- recording and studio work
- teaching privately or as part of a college or university program
- working in music-related fields such as media production, music business, publishing and marketing

Many graduates pursue a master's degree or a doctorate in music or in another professional field.

Contact Information:

Design & the Arts, Herberger Institute for
 School of Music, Dance and Theatre
<https://music.asu.edu/degree-programs>
 MUSIC E167
 MusicAdmissions@asu.edu
 480-965-5069

Performance (Voice), BMUS (FAMUSPVBM)

Campus: Tempe

Program Description:

The BMus program in performance with a concentration in voice focuses on the study of vocal technique, literature and performance while emphasizing the skills necessary to pursue a career as a professional classical singer. The program provides extensive performance experience and opportunities to explore many different singing styles.

Additional Program Fee: Y

Second Language Requirement: Yes

First Required Math Course: MAT 142 - College Mathematics

OR MAT 117 OR MAT 119

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Important: Applicants must submit an ASU application for undergraduate admission in addition to a separate School of Music, Dance and Theatre application. Students should visit <https://music.asu.edu/admissions/undergraduate-steps-to-apply> (<https://music.asu.edu/admissions/undergraduate-steps-to-apply>) for details. Admission to the School of Music, Dance and Theatre is based on an audition. Live auditions take place on campus in November (spring admission) and in January and February (fall admission) of each year. Applicants may review audition information at <http://music.asu.edu/admissions/undergraduate-auditions> (<http://music.asu.edu/admissions/undergraduate-auditions>).

Admission to the music program is highly selective and based on an audition process. Students are admitted as music audition students and must successfully complete the audition before enrolling in music major courses. Upon admission to both ASU and the School of Music, Dance and Theatre, the applicant's major will be changed to music. In the event an applicant is admitted to ASU but not to the School of Music, Dance and Theatre or misses the audition deadline, the student will remain as a music audition major and will need to successfully pass the music audition milestone in the first semester in order to gain admission into the program.

Application Deadlines: Students should visit <https://music.asu.edu/admissions/undergraduate-deadlines-fees> (<https://music.asu.edu/admissions/undergraduate-deadlines-fees>) for complete music deadlines.

Spring 2020: The deadline to apply for admission to this program is Oct. 15, 2019.

Fall 2020: The deadline to apply for admission to this program is Jan. 5, 2020.

Transfer Admission Requirements:

Transfer Applicants: Transfer of courses from other accredited institutions is subject to the existence of parallel and equal courses in the college's curriculum, and departmental or school evaluation of studio and class piano courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 credit hours in resident credit at ASU. Transfer students enrolled in the institute must complete a minimum of 15 resident credit hours in the major as approved by the faculty.

Application Deadlines: Students should visit <https://music.asu.edu/admissions/undergraduate-deadlines-fees> (<https://music.asu.edu/admissions/undergraduate-deadlines-fees>) for complete music deadlines.

Spring 2020: The deadline to apply for admission to this program is Oct. 15, 2019.

Fall 2020: The deadline to apply for admission to this program is Jan. 5, 2020.

Change of Major Requirements:

An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=FAMUSPVBM-null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates are prepared to work in various professional and entrepreneurial capacities, including:

- performing as a soloist, stage performer, choral singer or freelance musician in venues such as art galleries, churches, clubs, cruise ships, resorts, restaurants and theme parks
- presenting school programs or state or community arts councils as artist-in-residence
- recording and studio work
- teaching in a private studio and community program
- working in music-related fields such as media production, music business, publishing, marketing or arts administration

Many graduates pursue a master's degree or a doctorate in music or in another professional field.

Contact Information:

Design & the Arts, Herberger Institute for
School of Music, Dance and Theatre
<https://music.asu.edu/degree-programs/voice>
MUSIC E167
MusicAdmissions@asu.edu
480-965-5069

Performance and Movement, BA (HIPERMVBA)

Campus: Tempe

Program Description:

The BA in performance and movement is an inclusive, transdisciplinary degree program that encourages students to develop both collaborative approaches to learning and professional industry skills in the performing arts. This program is grounded in cultivating community practice through theatre, dance and music.

The bachelor's degree program is located within the ecosystem of Phoenix, the sixth largest urban center in the United States, and enables students to understand, deconstruct and uplift diverse artistic modes across media and encourages the student to create a flexible degree program

that intersects and engages these areas of interest. This degree program offers a number of focus areas: dance and theatre, music theatre, social and partnership dance, and urban arts.

Dance and theatre --- The dance and theatre focus area is designed for dancers who seek experience working with theatrical performance and acting, actors and performers who seek to balance text and voice work with movement exploration, and writers and directors who want to explore a wide range of approaches to live performance.

Social and partnership dance --- The social and partnership dance focus area is an innovative program that allows students to explore multiple styles and approaches in social and partnership dance both in formal classroom study and informal student-centered community events. The focus area seeks to prepare future Latin social and ballroom dance leaders with pedagogical, performance and community-building strategies to support the need for serving local and national community engagement in social dance as a means to create social transformation and change.

Urban arts --- The urban arts focus area is designed for the student interested in melding intersectional embodied practice, social justice and urban arts culture by offering a critical look at the historical, social and practical application of urban arts scholarship and culture. The program focus spans various forms of urban artistry and expression through thought-provoking, in-studio courses and hands-on practical application and connects students with scholars and urban arts practitioners to embrace the interdisciplinary nature of urban arts: dance, music, visual and voice.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

OR MAT 117 OR MAT 119

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=HIPERMVBA~null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

The bachelor's degree in performance and movement provides an excellent broad-based foundation for work in the arts or entertainment professions or readies students for further training at graduate schools or conservatories. The program's liberal arts emphasis combined with a focus on physical presence prepares graduates for a variety of occupations in both performance and nonperformance fields. Opportunities may include work with:

- arts entrepreneurship
- professional performing
- studio ownership and management
- themed entertainment

Contact Information:

Design & the Arts, Herberger Institute for
School of Music, Dance and Theatre
<https://musicdancetheatre.asu.edu/>

GHALL 232
fdt@asu.edu
480-965-5337

Theatre, BA (FATHEBA)

Campus: Tempe

Program Description:

The BA program in theatre provides students with a rigorous academic and hands-on theatre education within the context of a liberal arts degree. The program offers specialty coursework in the following areas:

- design and production
- film
- new work development
- performance
- theatre and performance studies
- theatre for youth

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics
OR MAT 117 OR MAT 119

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Creative Enterprise and Cultural Leadership, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Students interested in the BA in theatre or the BA in theatre with a concentration in acting are admitted directly into the major by indicating their degree preference on their ASU admission application.

Students interested in the BA in theatre with a concentration in design and production enter as theatre majors. Once students begin to complete classes at ASU in the theatre Bachelor of Arts program, they may apply to the design and production concentration after a portfolio review.

Transfer Admission Requirements:

Direct transfer of courses from other accredited institutions to the Herberger Institute for Design and the Arts are subject to the existence of parallel and equal courses in the college's curriculum and subject to departmental or school evaluation of studio courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 hours in resident credit at ASU. Transfer students enrolled in the college must complete a minimum of 15 hours of resident credit in the major as approved by the faculty.

Change of Major Requirements:

An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=FATHEBA~null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

The bachelor's degree program in theatre provides an excellent broad-based foundation for work in the arts or entertainment professions or readies students for further training at graduate schools or conservatories. The program's liberal arts emphasis prepares graduates for a variety of occupations in both theatre and nontheatre fields. Opportunities may include work with:

- arts entrepreneurship
- commercial entertainment
- production companies in theatre, television or film
- schools

Contact Information:

Design & the Arts, Herberger Institute for
School of Music, Dance and Theatre
<https://musicdancetheatre.asu.edu/>
GHALL 232
fdt@asu.edu
480-965-5337

Theatre (Acting), BA (FATHEABA)

Campus: Tempe

Program Description:

The BA program in theatre with a concentration in acting provides students with a rigorous academic and hands-on theatre education that emphasizes performance in both live theatre and recorded media. Within the context of a comprehensive liberal arts education, the program prepares students for both advanced graduate study in the field and entry-level careers in acting and performance. The program offers specialty coursework in the following areas:

- film
- movement
- new work development
- performance styles
- theatre for youth
- voice and speech

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

OR MAT 117 OR MAT 119

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Students interested in the BA in theatre with a concentration in acting are admitted directly into the major by indicating their degree preference on their ASU admission application.

Transfer Admission Requirements:

Direct transfer of courses from other accredited institutions to the Herberger Institute for Design and the Arts are subject to the existence of parallel and equal courses in the college's curriculum and subject to departmental or school evaluation of studio courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 hours in resident credit at ASU. Transfer students enrolled in the college must complete a minimum of 15 hours of resident credit in the major as approved by the faculty.

Change of Major Requirements:

An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transferecreditguide/app/transfermap?major=FATHEABA~null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

The bachelor's degree program in theatre with a concentration in acting provides an excellent broad-based foundation for work in the profession. It prepares students for advanced graduate study and independent career pursuits in performance. It offers students advanced study that can lead to careers in professional theatre, film, television, media, education and other related arts disciplines.

Contact Information:

Design & the Arts, Herberger Institute for
School of Music, Dance and Theatre
<https://musicdancetheatre.asu.edu/>
GHALL 232
fdt@asu.edu
480-965-5337

Theatre (Design and Production), BA (FADSNPRBA)

Campus: Tempe

Program Description:

The BA program in theatre with a concentration in design and production provides students a rigorous academic and hands-on theatre education with an emphasis on design and production for performance. Within the context of a comprehensive liberal arts education, the program prepares students for both advanced graduate study in the field and for entry-level careers in entertainment design and production.

The program offers specialty coursework in the following areas:

- costume design and technology
- lighting design and technology
- media design and technology
- scenic design and technology
- sound design and technology
- stage management
- technical direction

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

OR MAT 117 OR MAT 119

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Students interested in the BA in theatre are admitted directly into the major by indicating their degree preference on their ASU admission application.

Students interested in the BA in theatre, BA in theatre with a concentration in acting, or BA in theatre with a concentration in design and production will enter as BA theatre majors. Once students begin to complete classes at ASU in the BA theatre program, they may apply to a concentration in either acting or design and production.

Transfer Admission Requirements:

Direct transfer of courses from other accredited institutions to the Herberger Institute for Design and the Arts are subject to the existence of parallel and equal courses in the college's curriculum and subject to departmental or school evaluation of studio courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 semester hours in resident credit at ASU. Transfer students enrolled in the college must complete a minimum of 15 semester hours of resident credit in the major as approved by the faculty.

Change of Major Requirements:

An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=FADSNPRBA~null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

The bachelor's degree program in theatre provides an excellent broad-based foundation for work in the profession or readies students for further training at graduate schools or conservatories. The program's liberal arts emphasis prepares graduates for a variety of occupations. The design and production concentration offers students advanced study that can lead to careers as designers or technicians in the performing arts and the entertainment industry.

Contact Information:

Design & the Arts, Herberger Institute for

School of Music, Dance and Theatre

<https://musicdancetheatre.asu.edu/>

GHALL 232

fdt@asu.edu

480-965-5337

Theory and Composition (Composition), BMUS (FAMUSTCBM)

Campus: Tempe

Program Description:

Students pursuing the BMus in theory and composition must choose a concentration in either theory or composition. The completion of the requirements for this concentration results in the award of one degree in either theory or composition.

Students who select the concentration in composition focus on developing a range of techniques for writing music for diverse genres and media

including chamber, orchestra, electronic music, and film and video scoring. The School of Music, Dance and Theatre offers students the opportunity to study with composers who have established national and international reputations.

This program may be used as the first step toward a master's degree or doctorate in music composition or another graduate academic music degree.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

OR MAT 117 OR MAT 119

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Important: Applicants must submit an ASU application for undergraduate admission in addition to a separate School of Music, Dance and Theatre application. Students should visit <https://music.asu.edu/admissions/undergraduate-steps-to-apply> (<https://music.asu.edu/admissions/undergraduate-steps-to-apply>) for details. Admission to the School of Music, Dance and Theatre is based on an audition. Live auditions take place on campus in November (spring admission) and in January and February (fall admission) of each year. Applicants may review audition information at <http://music.asu.edu/admissions/undergraduate-auditions> (<http://music.asu.edu/admissions/undergraduate-auditions>).

Admission to the music program is highly selective and based on an audition process. Students are admitted as music audition students and must successfully complete the audition before enrolling in music major courses. Upon admission to both ASU and the School of Music, Dance and Theatre, the applicant's major will be changed to music. In the event a student is admitted to ASU but not to the School of Music, Dance and Theatre or misses the audition deadline, the student will remain as a music audition major and will need to successfully pass the music audition milestone in the first semester in order to gain admission into the program.

Application Deadlines: Students should visit <https://music.asu.edu/admissions/undergraduate-deadlines-fees> (<https://music.asu.edu/admissions/undergraduate-deadlines-fees>) for complete music deadlines.

Spring 2020: The deadline to apply for admission to this program is Oct. 1, 2019.

Fall 2020: The deadline to apply for admission to this program is Dec. 1, 2019.

Transfer Admission Requirements:

Transfer Applicants: Transfer of courses from other accredited institutions is subject to the existence of parallel and equal courses in the college's curriculum, and departmental or school evaluation of studio and class piano courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 credit hours in resident credit at ASU. Transfer students enrolled in the institute must complete a minimum of 15 resident credit hours in the major as approved by the faculty.

Application Deadlines: Students should visit <https://music.asu.edu/admissions/undergraduate-deadlines-fees> (<https://music.asu.edu/admissions/undergraduate-deadlines-fees>) for complete music deadlines.

Spring 2020: The deadline to apply for admission to this program is Oct. 1, 2019.

Fall 2020: The deadline to apply for admission to this program is Dec. 1, 2019.

Change of Major Requirements:

An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=FAMUSTCBM-null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates are prepared to work in various professional or entrepreneurial capacities, including:

- arranging
- composing
- performing in community and professional ensembles in a variety of styles and traditions
- serving as an artist-in-residence in school programs
- teaching in a private studio and community program
- teaching theory and composition
- working in music-related fields such as media production, music business, publishing and marketing

Many graduates pursue a master's degree or a doctorate in music or in another professional field.

Contact Information:

Design & the Arts, Herberger Institute for
School of Music, Dance and Theatre
<https://music.asu.edu/degree-programs/composition-theory?dept=151166&id=1>
MUSIC E167
MusicAdmissions@asu.edu
480-965-3371

Theory and Composition (Theory), BMUS (FAMUSTTBM)

Campus: Tempe

Program Description:

Students pursuing the BMus in theory and composition must choose a concentration in either theory or composition, and completion of the requirements for this concentration result in the award of one degree in either theory or composition.

Students who select the concentration in theory focus on the theoretical study of music. The School of Music, Dance and Theatre offers students the opportunity to develop a strong foundation in the understanding of musical languages and skills in applying models and methods to music analysis. Students work with renowned faculty with musical interests that represent a wide range of genres and areas.

This program may be used as the first step toward a master's degree or doctorate in music theory or another graduate academic music degree.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

OR MAT 117 OR MAT 119

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Important: Applicants must submit an ASU application for undergraduate admission in addition to a separate School of Music, Dance and Theatre application. Students should visit <https://music.asu.edu/admissions/undergraduate-steps-to-apply> (<https://music.asu.edu/admissions/undergraduate-steps-to-apply>) for details. Admission to the School of Music, Dance and Theatre is based on an audition. Live auditions take place on campus in November (spring admission) and in January and February (fall admission) of each year. Applicants may review audition information at <http://music.asu.edu/admissions/undergraduate-auditions> (<http://music.asu.edu/admissions/undergraduate-auditions>).

Admission to the music program is highly selective and based on an audition process. Students are admitted as music audition students and must successfully complete the audition before enrolling in music major courses. Upon admission to both ASU and the School of Music, Dance and Theatre, the applicant's major will be changed to music. In the event a student is admitted to ASU but not to the School of Music, Dance and Theatre or misses the audition deadline, the student will remain as a music audition major and will need to successfully pass the music audition milestone in the first semester in order to gain admission into the program.

Application Deadlines: Students should visit <https://music.asu.edu/admissions/undergraduate-deadlines-fees> (<https://music.asu.edu/admissions/undergraduate-deadlines-fees>) for complete music deadlines.

Spring 2020: The deadline to apply for admission to this program is Oct. 15, 2019.

Fall 2020: The deadline to apply for admission to this program is Jan. 5, 2020.

Transfer Admission Requirements:

Transfer Applicants: Transfer of courses from other accredited institutions is subject to the existence of parallel and equal courses in the college's curriculum, and departmental or school evaluation of studio and class piano courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 credit hours in resident credit at ASU. Transfer students enrolled in the institute must complete a minimum of 15 resident credit hours in the major as approved by the faculty.

Application Deadlines: Students should visit <https://music.asu.edu/admissions/undergraduate-deadlines-fees> (<https://music.asu.edu/admissions/undergraduate-deadlines-fees>) for complete music deadlines.

Spring 2020: The deadline to apply for admission to this program is Oct. 15, 2019.

Fall 2020: The deadline to apply for admission to this program is Jan. 5, 2020.

Change of Major Requirements:

An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=FAMUSTTBM~null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates are prepared to work in various professional capacities, including:

- arranging
- composing
- performing in community and professional ensembles in a variety of styles and traditions

- presenting school programs, or state or community arts councils as artist-in-residence
- teaching in a private studio or community program
- teaching theory and composition
- working in music-related fields such as media production, music business, publishing and marketing

Many graduates pursue a master's degree or a doctorate in music or in another professional field.

Contact Information:

Design & the Arts, Herberger Institute for
 School of Music, Dance and Theatre
<https://music.asu.edu/degree-programs/composition-theory>
 MUSIC E167
 MusicAdmissions@asu.edu
 480-965-5069

Engineering, Ira A. Fulton Schools of

Aeronautical Management Technology (Air Traffic Management), BS (ESAMTATBS)

Campus: Polytechnic

Program Description:

The BS program in aeronautical management technology with a concentration in air traffic management provides a technical foundation in the air traffic control procedures used by air traffic controllers in air traffic control towers and air traffic control radar facilities.

Students gain a strong background in aircraft operations, management skills and business principles through coursework specific to air traffic control and aviation. As a part of the degree program, students are required to take courses that will qualify them to earn their airline dispatcher certificate.

This is an intensive program of classroom study and laboratory practice using state-of-the-art air traffic control simulators to enhance and reinforce classroom study. Students receive training in the methodologies and technologies that are currently being developed for the next generation of air traffic control systems. Students develop the skills of analytical thinking, clear and concise communication, problem-solving, and teamwork.

The Aviation Accreditation Board International accredits this program and the Federal Aviation Administration certifies flight and ground instruction.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 170 - Precalculus

Program Math Intensity: Moderate

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Technology (Aviation Management and Human Factors), MSTech

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

To be considered for employment by the Federal Aviation Administration, graduates of the program need to be aware of minimum requirements for employment. Students should see https://www.faa.gov/jobs/career_fields/aviation_careers

(https://www.faa.gov/jobs/career_fields/aviation_careers/) for more information. Graduates of the program are not guaranteed employment by the Federal Aviation Administration. Students who do not have U.S. citizenship may be admitted to the program but will not be eligible for employment by the Federal Aviation Administration.

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESAMTATBS~null + &college=CES>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

The Federal Aviation Administration's 2016 Controller Workforce Plan projected that the agency plans to hire more than 7,400 new controllers by 2021 to keep pace with the expected attrition rate and traffic growth. The total number of planned hires for the period of 2016--2025 is 12,088 new controllers. The increase in the volume of air traffic requires more controllers to handle the additional work. New computerized systems assist controllers by automatically making many of the routine decisions, allowing controllers to handle more traffic and thus increasing their productivity.

Despite the obvious demand for new controllers in the immediate future, competition to get into the FAA-approved training programs is expected to remain intense as there generally are many more applicants than there are openings. Graduates who have met all the FAA requirements are eligible for consideration for employment.

Contact Information:

Engineering, Ira A. Fulton Schools of
Aviation Programs
<https://poly.engineering.asu.edu/aviation/>
WANER 201
polyadvising@asu.edu
480-727-1874

Aeronautical Management Technology (Air Transportation Management), BS (TSAMTMBS)

Campus: Polytechnic

Program Description:

The air transportation management concentration of the BS program in aeronautical management technology provides students with a strong foundation of aviation concepts, including airline administration, airport planning, aviation law, policy and human factors as well as technical knowledge focusing on power plants, structures and aerodynamics. Students progress into courses focusing on business and management and operational aspects of aviation such as airline administration and airport planning. All students finish the program by participating in an internship within industry and completion of a capstone project.

This program prepares students for leadership positions within airlines, airports, government, consulting and entrepreneurial enterprises.

The Aviation Accreditation Board International accredits this program.

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 170 - Precalculus

Program Math Intensity: Moderate

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Technology (Aviation Management and Human Factors), MSTech
Academic Catalog Archive 2020-2021

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TSAMTMBS-null + &college=CES>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

A degree in air transportation management prepares graduates for these careers:

- airline manager
- airline operations manager
- airport manager
- aviation consulting
- entrepreneurial ventures
- fixed based operations
- general aviation operations manager
- governmental positions with the Federal Aviation Administration, Department of Transportation and National Transportation Safety Board

Contact Information:

Engineering, Ira A. Fulton Schools of

Aviation Programs

<https://poly.engineering.asu.edu/aviation/air-transportation-management/>

WANER 201

polyadvising@asu.edu

480-727-1874

Aeronautical Management Technology (Professional Flight), BS (TSAMTFBS)

Campus: Polytechnic

Program Description:

Students in the professional flight concentration of the BS program in aeronautical management technology learn to fly in an academic environment that prepares graduates for careers as professional pilots.

Flight training is offered by an ASU-approved flight provider in late-model aircraft equipped with state-of-the-art avionics. Flight instruction takes place at the Phoenix-Mesa Gateway Airport, adjacent to the Polytechnic campus.

Students may take advantage of pathway agreements for guaranteed interviews with regional air carriers.

This program is for students who are seriously interested in becoming professional airline pilots. Graduates are prepared to assume responsibilities in a wide variety of technically related areas within professional aviation flight operations.

The Aviation Accreditation Board International accredits this program and the Federal Aviation Administration certifies flight and ground instruction.

Additional course-related fees apply; students should see the program website for more information.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 170 - Precalculus

Program Math Intensity: Moderate

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Technology (Aviation Management and Human Factors), MSTech

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements: This major has additional admission requirements including Federal Aviation Administration requirements. Students will be admitted to the preprofessional status and then complete additional requirements for admission to the professional program. Students should see <https://poly.engineering.asu.edu/aviation/professional-flight-bs/secondary-application-process> (<https://poly.engineering.asu.edu/aviation/professional-flight-bs/secondary-application-process>) for more information.

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TSAMTFBS~null + &college=CES>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

The professional flight concentration offers students private pilot, commercial pilot and flight instructor certificates as well as instrument pilot, instrument instructor and multiengine pilot ratings. With these flight qualifications and the technically based bachelor's degree, the graduate has a wide variety of career opportunities, including flight crew service on commercial and business aircraft.

Career opportunities include:

- airline pilot
- corporate pilot

Contact Information:

Engineering, Ira A. Fulton Schools of
Aviation Programs

<https://poly.engineering.asu.edu/aviation/professional-flight-bs/>

WANER 201

polyadvising@asu.edu

480-727-1874

Aeronautical Management Technology (Unmanned Aerial Systems), BS (TSAMTUASBS)

Campus: Polytechnic

Program Description:

The unmanned aerial systems concentration of the BS program in aeronautical management technology prepares students for careers in the rapidly growing area of unmanned aerial systems, including operations, remote sensing, data collection and analysis.

The concentration incorporates all aviation management technology core courses and unmanned aerial systems concentration courses. This provides an overview of unmanned aerial systems operations followed by detailed knowledge of unmanned aerial systems-specific systems and technology (ground control stations; data links; flight planning and operations; search, detect and avoid technologies; and payloads) and unmanned aerial systems sensor operations. A critical aspect of this academic area of study is the data capture and transfer of the sensor information collected from the unmanned aerial vehicle.

This innovative concentration brings together the most up-to-date and relevant aspects facing multiple industries today by addressing flight system planning and operations and the employment of the systems in the congested National Airspace System.

Additional Program Fee: Y**Second Language Requirement:** N**First Required Math Course:** MAT 170 - Precalculus**Program Math Intensity:** Moderate**Accelerated Degree Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Technology (Aviation Management and Human Factors), MSTech

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TSAMTUASBS~null + &college=CES>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Students graduating from this program are ready to find various employment opportunities as unmanned aerial vehicle pilots and sensor operators in both the U.S. and worldwide. This concentration prepares students to operate small to mid-range platforms that are used by emergency responders, forestry, agriculture, energy and oil, and other similar industries. Entry-level pay is competitive for this highly specialized field.

Contact Information:

Engineering, Ira A. Fulton Schools of

Aviation Programs

<https://poly.engineering.asu.edu/aviation/unmanned-aerial-systems-bs/>

WANER 201

polyadvising@asu.edu

480-727-1874

Campus: Tempe

Program Description:

The aerospace engineering curriculum provides students with an education in technological areas critical to the design and development of aerospace vehicles and systems. The aeronautics concentration, under the BSE in aerospace engineering, emphasizes engineering and the design of aircraft, helicopters, missiles and other vehicles that fly through the atmosphere.

Topics in required courses cover aerodynamics, aerospace materials, aircraft structures, flight mechanics, propulsion, and stability and control. Required aeronautics topics include attitude control and orbital mechanics.

Accredited by the Engineering Accreditation Commission of ABET, <http://www.abet.org> (<http://www.abet.org/>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 265 - Calculus for Engineers I

Program Math Intensity: Substantial

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Aerospace Engineering, MS

Mechanical Engineering, MS

Robotics and Autonomous Systems (Mechanical and Aerospace Engineering), MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

The admission standards for majors in the Ira A. Fulton Schools of Engineering are higher than minimum university admission standards.

International students may have an additional English-language proficiency criterion. Foreign nationals must meet the same admission requirements shown below with the possible additional requirement of a minimum TOEFL score. If the university requires a TOEFL score from the applicant (see <https://admission.asu.edu/international/undergrad-apply> (<https://admission.asu.edu/international/undergrad-apply>)), then admission to engineering requires a minimum TOEFL score of 550 (paper-based), 213 (computer-based), 79 on iBT (internet-based) or a minimum IELTS score of 6.5.

Freshman Admission:

- minimum 1210 SAT combined evidence-based reading and writing plus math score or minimum 24 ACT combined score or 3.00 minimum ABOR GPA or class ranking in top 25% of high school class, and
- no high school math or science competency deficiencies

Transfer Admission Requirements:

Transfer students with fewer than 24 transferable college credit hours:

- minimum transfer GPA of 3.00 for less than 24 transfer hours, and
- no high school math or science competency deficiencies, and
- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or 3.00 minimum ABOR GPA, or class ranking in top 25% of high school class

Transfer students with 24 or more transferable college credit hours must meet EITHER the primary or the secondary criteria (not both):

Primary Criteria

- minimum transfer GPA of 3.00 for 24 or more transfer hours, and
- no high school math or science competency deficiencies (if Admission Services requires submission of a high school transcript)

Secondary Criteria

- minimum transfer GPA of 2.75 for 24 or more transfer credit hours, and
- minimum GPA of 2.75 in all critical courses: MAE 201, MAE 202, MAE 213 and MAE 242

Change of Major Requirements:

Admission requirements for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards: <https://engineering.asu.edu/admission-requirements> (<https://engineering.asu.edu/admission-requirements>).

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESAEROBSE~null + &college=CES>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

A majority of students entering the field of aerospace engineering desire to work on the design and analysis of aerospace vehicles. Most graduates are employed in the aerospace industry or in government positions related to aerospace. Specific careers in aerospace engineering include:

- aeronautical and space systems integration
- configuration development
- material and structural design
- propulsion engineering
- space mission design and analysis
- vehicle and component analysis using computer-aided tools
- vehicle design and performance
- wind tunnel and flight testing

The aerospace engineering program has the following educational objectives:

- Through volunteering, entrepreneurial endeavors, community service, employment, etc., graduates of the aerospace engineering program will demonstrate commitment to the Sun Devil ideals of global engagement, social embeddedness, social transformation and sustainability. Graduates of the aerospace engineering program should have attained one or more of the following objectives within a few years after completing their degrees:

- employment in aerospace or other field in a position that capitalizes on the skills and abilities gained through the degree in aerospace engineering, in positions of increasing responsibility and leadership within the organization
- admission into a graduate degree program in aerospace engineering or other technical field
- admission into a professional degree program, such as law or business, in accordance with the specific interests and abilities of the graduate

Contact Information:

Engineering, Ira A. Fulton Schools of
Mechanical and Aerospace Engineering Program
<https://semte.engineering.asu.edu/aerospace-engineering-bse/>
ECG 202
semte@asu.edu
480-965-2335

Aerospace Engineering (Astronautics), BSE (ESAEASBSE)

Campus: Tempe

Program Description:

The aerospace engineering curriculum provides students with an education in technological areas critical to the design and development of aerospace vehicles and systems.

The astronautics curriculum covers:

- attitude determination and control
- elective topics in aeronautics
- gas dynamics
- orbital mechanics
- rocket propulsion
- space environment
- space structures
- telecommunications.

Students in the astronautics concentration culminate their major study with a capstone design project that incorporates the multiple disciplines involved in the creation of a space-going vehicle.

Accredited by the Engineering Accreditation Commission of ABET, <http://www.abet.org> (<http://www.abet.org>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 265 - Calculus for Engineers I

Program Math Intensity: Substantial

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Aerospace Engineering, MS

Mechanical Engineering, MS

Robotics and Autonomous Systems (Mechanical and Aerospace Engineering), MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

The admission standards for majors in the Ira A. Fulton Schools of Engineering are higher than minimum university admission standards.

International students may have an additional English-language proficiency criterion. Foreign nationals must meet the same admission requirements shown below with the possible additional requirement of a minimum TOEFL score. If the university requires a TOEFL score from the applicant (see <https://admission.asu.edu/international/undergrad-apply> (<https://admission.asu.edu/international/undergrad-apply>)), then admission to engineering requires a minimum TOEFL score of 550 (paper-based), 213 (computer-based), 79 on iBT (internet-based) or a minimum IELTS score of 6.5.

Freshman Admission:

- minimum 1210 SAT combined evidence-based reading and writing plus math score or minimum 24 ACT combined score or 3.00 minimum ABOR GPA or class ranking in top 25% of high school class, and
- no high school math or science competency deficiencies

Transfer Admission Requirements:

Transfer students with fewer than 24 transferable college credit hours:

- minimum transfer GPA of 3.00 for less than 24 transfer hours, and
- no high school math or science competency deficiencies, and
- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or 3.00 minimum ABOR GPA, or class ranking in top 25% of high school class

Transfer students with 24 or more transferable college credit hours must meet EITHER the primary or the secondary criteria (not both):

Primary Criteria

- minimum transfer GPA of 3.00 for 24 or more transfer hours, and
- no high school math or science competency deficiencies (if Admission Services requires submission of a high school transcript)

Secondary Criteria

- minimum transfer GPA of 2.75 for 24 or more transfer credit hours, and
- minimum GPA of 2.75 in all critical courses: MAE 201, MAE 202, MAE 213 and MAE 242

Change of Major Requirements:

Admission requirements for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards: <https://engineering.asu.edu/admission-requirements> (<https://engineering.asu.edu/admission-requirements>).

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESAEASBSE~null + &college=CES>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

A majority of students entering the field of aerospace engineering desire to work on the design and analysis of aerospace vehicles. Most graduates are employed in the aerospace industry or in government positions related to aerospace. Specific careers in aerospace engineering include:

- aeronautical and space systems integration
- configuration development
- material and structural design
- propulsion engineering
- space mission design and analysis
- vehicle and component analysis using computer-aided tools
- vehicle design and performance
- wind tunnel and flight testing

The aerospace engineering program has the following educational objectives:

- Through volunteering, entrepreneurial endeavors, community service, their employment, etc., graduates of the aerospace engineering program demonstrate commitment to the Sun Devil ideals of global engagement, social embeddedness, social transformation and sustainability.

Graduates of the aerospace engineering program should have attained one or more of the following objectives within a few years after completing their degrees:

- employment in aerospace or other field in a position that capitalizes on the skills and abilities gained through the degree in aerospace engineering, in positions of increasing responsibility and leadership within their organization
- admission into a graduate degree program in aerospace engineering or other technical field
- admission into a professional degree program, such as law or business, in accordance with the specific interests and abilities of the graduate

Contact Information:

Engineering, Ira A. Fulton Schools of
 Mechanical and Aerospace Engineering Program
<https://semte.engineering.asu.edu/aerospace-engineering-bse/>
 ECG 202
 semte@asu.edu
 480-965-2335

Aerospace Engineering (Autonomous Vehicle Systems), BSE (ESAEAVSBSE)

Campus: Tempe

Program Description:

Emerging emphasis on autonomous aircraft technology and operations in both military and civilian sectors signals a new era within the aeronautical

community focused on autonomous vehicles and systems. The autonomous vehicle concentration provides graduates with knowledge and skills required for any career in aerospace engineering plus those specific to unmanned aerial vehicles and systems.

The curriculum is structured so students have general exposure to the engineering of autonomous aircraft plus track courses in one area important to this field. The tracks are guidance, navigation and control, and communications. The tracks are intended for aerospace engineering students.

All paths through this concentration satisfy accreditation criteria for aerospace engineering.

Accredited by the Engineering Accreditation Commission of ABET, <http://www.abet.org> (<http://www.abet.org>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 265 - Calculus for Engineers I

Program Math Intensity: Substantial

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Aerospace Engineering, MS

Mechanical Engineering, MS

Robotics and Autonomous Systems (Mechanical and Aerospace Engineering), MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

The admission standards for majors in the Ira A. Fulton Schools of Engineering are higher than minimum university admission standards.

International students may have an additional English-language proficiency criterion. Foreign nationals must meet the same admission requirements shown below with the possible additional requirement of a minimum TOEFL score. If the university requires a TOEFL score from the applicant, (see <https://admission.asu.edu/international/undergrad-apply>) then admission to engineering requires a minimum TOEFL score of 550 (paper-based), 213 (computer-based), 79 on iBT (internet-based) or a minimum IELTS score of 6.5.

Freshman Admission:

- minimum 1210 SAT combined evidence-based reading and writing plus math score or minimum 24 ACT combined score or 3.00 minimum ABOR GPA or class ranking in top 25% of high school class, and
- no high school math or science competency deficiencies

Transfer Admission Requirements:

Transfer students with fewer than 24 transferable college credit hours:

- minimum transfer GPA of 3.00 for less than 24 transfer hours, and
- no high school math or science competency deficiencies, and
- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or 3.00 minimum ABOR GPA, or class ranking in top 25% of high school class

Transfer students with 24 or more transferable college credit hours must meet EITHER the primary or the secondary criteria (not both):

Primary Criteria

- minimum transfer GPA of 3.00 for 24 or more transfer hours, and
- no high school math or science competency deficiencies (if Admission Services requires submission of a high school transcript)

Secondary Criteria

- minimum transfer GPA of 2.75 for 24 or more transfer credit hours, and
- minimum GPA of 2.75 in all critical courses: MAE 201, MAE 202, MAE 213 and MAE 242

Change of Major Requirements:

Admission requirements for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards: <https://engineering.asu.edu/admission-requirements> (<https://engineering.asu.edu/admission-requirements>).

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESAEV/SBSE~null + &college=CES>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Students who earn a degree in this concentration are prepared for a career in the aerospace industry, focusing on unmanned vehicles.

The aerospace engineering program has the following program educational objectives:

- Through volunteering, entrepreneurial endeavors, community service, employment, etc., graduates of the aerospace engineering program will demonstrate commitment to the Sun Devil ideals of global engagement, social embeddedness, social transformation and sustainability. Graduates of the aerospace engineering program should have attained one or more of the following objectives within a few years after completing their degrees:
- employment in aerospace or other field in a position that capitalizes on the skills and abilities gained through the degree in aerospace engineering, in positions of increasing responsibility and leadership within the organization
- admission into a graduate degree program in aerospace engineering or other technical field
- admission into a professional degree program, such as law or business, in accordance with the specific interests and abilities of the graduate

Contact Information:

Engineering, Ira A. Fulton Schools of
Mechanical and Aerospace Engineering Program
<https://semte.engineering.asu.edu/aerospace-engineering-bse/>
ECG 202
semte@asu.edu
480-965-2335

Applied Science (Aviation), BAS (TSAMTABAS)

Campus: Polytechnic

Program Description:

This BAS program in applied science allows students who have an applicable AAS from an accredited institution to transfer 60 credit hours toward a Bachelor of Applied Science at ASU. Students pursuing this degree may have more than 60 credit hours to complete in order to obtain their Bachelor of Applied Science upon transfer to ASU. Students who have earned an Associate of Applied Science degree from a regionally accredited Arizona community college may be eligible to transfer up to 75 credits toward the Bachelor of Applied Science degree. Students should work with their academic advisor to ensure their courses will meet degree requirements.

The concentration in aviation is for students who have received training and education in some aspect of the air transportation industry, such as air transportation management, flight or aviation maintenance, as part of their associate degree.

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: Any math course with the MA general studies designation will satisfy the math requirement.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements: Students applying to this program must have completed an Associate of Applied Science degree from a regionally accredited institution. Not available for freshmen.

Change of Major Requirements:

Students interested in changing to this Bachelor of Applied Science program must have completed a related Associate of Applied Science degree at a regionally accredited college.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TSAMTABAS~null + &college=CES>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Students receive an orientation in management practices that prepares them for advanced positions in the aviation management field.

Contact Information:

Engineering, Ira A. Fulton Schools of

Aviation Programs

<https://poly.engineering.asu.edu/aviation/>

WANER 201

polyadvising@asu.edu

480-727-1874

Applied Science (Graphic Information Technology), BAS (TSGITBAS)

Campus: Polytechnic, Online

Program Description:

The BAS program with a concentration in graphic information technology allows students who have an applicable AAS from an accredited institution to transfer 60 credit hours toward a Bachelor of Applied Science degree at ASU. Students pursuing this degree may have more than 60 credit hours to complete in order to obtain their Bachelor of Applied Science upon transfer to ASU. Students who have earned an Associate of Applied Science degree from a regionally accredited Arizona community college may be eligible to transfer up to 75 credits toward the Bachelor of Applied Science degree. Students should work with their academic advisor to ensure their courses will meet degree requirements.

The cross-media nature of the graphics industry requires tomorrow's graduates to understand the full spectrum of visual design and production as well as current business practices. The graphic information technology program prepares graduates for careers as visual design technologists encompassing front-end web design and development, printing and digital publishing, commercial photography and videography, and game art and animation. This is an intensive program of study emphasizing theory and hands-on laboratory practice.

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

Additional Program Fee: Y

Second Language Requirement: N

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Graphic Information Technology, MS
Technology (Graphic Information Technology), MSTech

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Students applying to this program must have completed an Associate of Applied Science degree in a similar field such as computer graphic design, digital arts, digital photography, eLearning design specialist, game technology, graphic design, animation and Web publishing design, graphic design: visual communication, information technology; web and graphic design, media arts; desktop publishing, media art; web design, multimedia, multimedia and business technology, and video production technology.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/graphic-information-technology-bas/>)

Change of Major Requirements:

Students interested in changing to this BAS degree must have completed a related AAS degree at a regionally accredited university in a similar program, such as graphic design, animation, visual communication, web design and development, commercial photography and video.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TSGITBAS-null + &college=CES>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graphic information technology prepares graduates for technical and management positions in visual design in such diverse areas as:

- art direction
- commercial photography and videography
- front-end web design and development
- graphic design
- motion graphics, animation and game art
- premedia, digital printing and publishing
- production management
- quality assurance of graphic and visual design products
- technical and digital media production
- user experience design
- user interface design
- video editing
- visual design

Contact Information:

Engineering, Ira A. Fulton Schools of

Graphic Information Technology
https://poly.engineering.asu.edu/_old-git/bas-in-graphic-information-technology/
WANER 201
polyadvising@asu.edu
480-727-1874

Applied Science (Internet and Web Development), BAS (TSIWDBAS)

Campus: Polytechnic, Online

Program Description:

The BAS program with a concentration in internet and web development is an intensive program of study emphasizing hands-on laboratory practice. Students develop skills in front-end web design and development, including advanced web mark up and scripting, user experience design, usability, multimedia design and emerging web technologies.

The Bachelor of Applied Science degree program allows students who have an applicable AAS from an accredited institution to transfer 60 credit hours toward a bachelor's degree at ASU. Students pursuing this degree may have more than 60 credit hours to complete in order to obtain their Bachelor of Applied Science upon transfer to ASU. Students who have earned an Associate of Applied Science degree from a regionally accredited Arizona community college may be eligible to transfer up to 75 credits toward the Bachelor of Applied Science degree. Students should work with their academic advisor to ensure their courses will meet degree requirements.

All courses for this program are available on campus and through ASU Online.

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

Additional Program Fee: Y

Second Language Requirement: N

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Graphic Information Technology, MS
Technology (Graphic Information Technology), MSTech

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Students applying to this program must have completed an Associate of Applied Science degree in web design, web development, media arts; digital animation, media arts; web design, web developer, web designer, and graphic design, animation, and web publishing design.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-applied-science-internet-and-web-development/>)

Change of Major Requirements:

Students interested in changing to this Bachelor of Applied Science degree, must have completed a related Associate of Applied Science degree at a regionally accredited university.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer

Map search (<https://webapp4.asu.edu/transfercrreditguide/app/transfermap?major=TSIWDBAS~null + &college=CES>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

This degree program prepares graduates for careers in website design and development, usability and user experience design.

- front-end web design and development
- user experience design
- user interface design
- visual design

Contact Information:

Engineering, Ira A. Fulton Schools of
Graphic Information Technology

https://poly.engineering.asu.edu/_old-git/bas-internet-and-web-development/
WANER 201

polyadvising@asu.edu
480-727-1874

Applied Science (Operations Management), BAS (TSIMCOBAS)

Campus: Polytechnic, Online

Program Description:

The BAS program with a concentration in operations management prepares students for supervisory and management functions in industry, manufacturing, public service and other service organizations. Graduates are able to provide strategic focus to meet organizational objectives by implementing best practices, managing people and creating value.

This program allows students who have an applicable AAS from an accredited institution to transfer 60 credit hours toward a Bachelor of Applied Science degree at ASU. Students pursuing this degree may have more than 60 credit hours to complete in order to obtain their Bachelor of Applied Science upon transfer to ASU. Students who have earned an Associate of Applied Science degree from a regionally accredited Arizona community college may be eligible to transfer up to 75 credits toward the Bachelor of Applied Science degree. Students should work with their academic advisor to ensure their courses will meet degree requirements.

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: Any math course with the MA general studies designation will satisfy the math requirement.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Students applying to this program must have completed an Associate of Applied Science degree from a regionally accredited institution. This program is not available for freshmen.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-applied-science-operations-management-technology/>)

Change of Major Requirements:

Students interested in changing to this Bachelor of Applied Science degree must have completed a related Associate of Applied Science degree at a regionally accredited institution.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercrreditguide/app/transfermap?major=TSIMCOBAS~null + &college=CES>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

The bachelor's degree program in operations management technology prepares undergraduate students for supervisory and management functions in industry, manufacturing, public service and other service organizations.

Contact Information:

Engineering, Ira A. Fulton Schools of
Tech Entrepreneurship & Mgmt
<https://poly.engineering.asu.edu/tem/>
WANER 201
polyadvising@asu.edu
480-727-1874

Biomedical Engineering, BSE (ESBMEBSE)

Campus: Tempe

Program Description:

Biomedical engineering applies principles of engineering to the study and resolution of problems in biology and medicine.

The program objective is to prepare high-quality graduates with a broad-based education in biomedical engineering for productive employment, graduate study or professional programs, especially in human and animal medicine, biotechnology and related biology-based engineering fields; for continued development of technical knowledge, awareness and leadership abilities so graduates may address domestic or global issues in human health; and for preparation to ethically and responsibly contribute to society by drawing from an integrated, transdisciplinary biomedical engineering education that focuses on sustainability and environmentalism.

Graduates are able to apply their skills in an ethical, sustainable and environmentally responsible manner to make contributions that address societal and individual needs.

Accredited by the Engineering Accreditation Commission of ABET, <http://www.abet.org/> (<http://www.abet.org/>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 265 - Calculus for Engineers I

Program Math Intensity: Substantial

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Biomedical Engineering, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

The admission standards for majors in the Ira A. Fulton Schools of Engineering are higher than minimum university admission standards. International students may have an additional English-language proficiency criterion. Foreign nationals must meet the same admission requirements shown below with the possible additional requirement of a minimum TOEFL score. If the university requires a TOEFL score from the applicant (see <https://admission.asu.edu/international/undergrad-apply> (<https://admission.asu.edu/international/undergrad-apply>)), then admission to engineering requires a minimum TOEFL score of 550 (paper-based), 79 on iBT (internet-based) or a minimum IELTS score of 6.5.

Freshman Admission:

- minimum 1210 SAT combined evidence-based reading and writing plus math score or minimum 24 ACT combined score or 3.00 minimum ABOR GPA or class ranking in top 25% of high school class, and
- no high school math or science competency deficiencies

Transfer Admission Requirements:

Transfer students with fewer than 24 transferable college credit hours:

- minimum transfer GPA of 3.00 for less than 24 transfer hours, and
- no high school math or science competency deficiencies, and
- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or 3.00 minimum ABOR GPA, or class ranking in top 25% of high school class

Transfer students with 24 or more transferable college credit hours must meet EITHER the primary OR the secondary criteria (not both):

Primary Criteria

- minimum transfer GPA of 3.00 for 24 or more transfer hours, and
- no high school math or science competency deficiencies (if Admission Services requires submission of a high school transcript)

Secondary Criteria

- minimum transfer GPA of 2.75 for 24 or more transfer hours, and
- minimum GPA of 3.00 in all critical courses for Terms 1 and 2 (see major map for critical courses)

Change of Major Requirements:

Admission requirements for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards: <https://engineering.asu.edu/admission-requirements> (<https://engineering.asu.edu/admission-requirements/>).

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESBMEBSE-null + &college=CES>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Biomedical engineers are primarily employed in:

- governmental regulatory agencies
- hospital and research facilities
- medical and educational institutions
- medical device, biotechnology and pharmaceutical industries

In industry, they may work in all aspects of product development including:

- business development
- manufacturing
- marketing
- quality
- regulatory
- research and design
- sales

Because of their background in both the engineering and medical fields, they often serve a coordinating or interfacing function and provide a key role for transdisciplinary teams. Government positions may involve evaluating new technologies, testing product quality and safety, and setting standards.

In the hospital, biomedical engineers serving in a clinical engineering function may provide advice on the selection and use of medical equipment and supervise performance testing and maintenance. Biomedical engineers may also build customized devices for special health care, rehabilitation or research needs.

Contact Information:

Engineering, Ira A. Fulton Schools of
Harrington Bioengineering Program
<https://sbhse.engineering.asu.edu/>
ECG 334
sbhse-advising@asu.edu
480-965-3028

Chemical Engineering, BSE (ESCHEBSE)

Campus: Tempe

Program Description:

Chemical engineering deals with the application of chemistry, physics and mathematics to the process of converting raw materials or chemicals into more useful or valuable forms. Chemical engineering also involves the design of valuable new materials and chemical products.

The BSE program offered in chemical engineering builds on a broad base of knowledge within the basic and mathematical sciences and engineering, and it offers excellent career opportunities. Chemical engineers are engaged in the development and production of a diverse range of products, including high-performance materials needed for aerospace, automotive, biomedical, electronic and environmental applications. The modern discipline of chemical engineering is intertwined with biology and biomedical engineering.

Accredited by the Engineering Accreditation Commission of ABET, <http://www.abet.org/> (<http://www.abet.org/>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 265 - Calculus for Engineers I

Program Math Intensity: Substantial

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Chemical Engineering, MS

Materials Science and Engineering, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

The admission standards for majors in the Ira A. Fulton Schools of Engineering are higher than minimum university admission standards. International students may have an additional English-language proficiency criterion. Foreign nationals must meet the same admission requirements shown below with the possible additional requirement of a minimum TOEFL score. If the university requires a TOEFL score from the applicant (see <https://admission.asu.edu/international/undergrad-apply> (<https://admission.asu.edu/international/undergrad-apply>)), then admission to engineering requires a minimum TOEFL score of 550 (paper-based), 213 (computer-based), 79 on iBT (internet-based) or a minimum IELTS score of 6.5.

Freshman Admission:

- minimum 1210 SAT combined evidence-based reading and writing plus math score or minimum 24 ACT combined score or 3.00 minimum ABOR GPA or class ranking in top 25% of high school class, and
- no high school math or science competency deficiencies

Transfer Admission Requirements:

Transfer students with fewer than 24 transferable college credit hours:

- minimum transfer GPA of 3.00 for less than 24 transfer hours, and
- no high school math or science competency deficiencies, and
- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or 3.00 minimum ABOR GPA, or class ranking in top 25% of high school class

Transfer students with 24 or more transferable college credit hours must meet EITHER the primary or the secondary criteria (not both):

Primary Criteria

- minimum transfer GPA of 3.00 for 24 or more transfer credit hours, and
- no high school math or science competency deficiencies (if Admission Services requires submission of a high school transcript)

Secondary Criteria

- minimum transfer GPA of 2.75 for 24 or more transfer credit hours, and

minimum GPA of 2.75 in all critical courses for Terms 1 and 2 (students should refer to the major map for critical courses)

Change of Major Requirements:

Admission requirements for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards: <https://engineering.asu.edu/admission-requirements> (<https://engineering.asu.edu/admission-requirements>).

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESCHEBSE~null + &college=CES>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Chemical engineers have traditionally played a key role in industries as varied as:

- artificial fibers
- biotechnology
- ceramics
- food
- glass
- petrochemicals
- petroleum
- plastics
- primary metals

- semiconductors
- specialty chemicals

There are also many newer fields with great demand for chemical engineering graduates, such as biomedical engineering, modern materials (composites, superconductors) and the solution of environmental problems.

Contact Information:

Engineering, Ira A. Fulton Schools of
 Chemical Engineering Program
<https://semte.engineering.asu.edu/chemical-engineering-bse/>
 ECG 202
 semte@asu.edu
 480-965-2335

Civil Engineering, BSE (ESCEEBS)

Campus: Tempe

Program Description:

Civil engineering majors in the Ira A. Fulton Schools of Engineering have three choices within the accredited BSE program: civil engineering; civil engineering with environmental engineering concentration; and civil engineering with sustainable engineering concentration.

The first choice allows students to choose among design and technical elective courses in their senior year. The other choices specify design and technical courses to students with minimal choices. Regardless of choice, the Bachelor of Science in Engineering in civil engineering is accredited by ABET.

Civil engineering involves the analysis, planning, design, construction, maintenance and application of sustainable practices in all areas of urban infrastructure for government, commerce, industry and the public domain. These include airports, bridges, canals, dams, factories, office towers, roadway systems, schools, tunnels and subway systems, and water purification facilities.

Civil engineers are concerned with the impact their projects have on the public and the environment; they coordinate the needs of society with technical and economic feasibility.

The curriculum exposes students to the following areas of civil engineering, with a strong emphasis on sustainability:

- construction engineering
- environmental engineering
- geotechnical engineering
- hydrosystems engineering
- structures
- transportation

Accredited by the Engineering Accreditation Commission of ABET, <https://www.abet.org> (<https://www.abet.org>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 265 - Calculus for Engineers I

Program Math Intensity: Substantial

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Civil, Environmental and Sustainable Engineering, MSE
- Civil, Environmental, and Sustainable Engineering, MS
- Construction Engineering, MSE

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

The admission standards for majors in the Ira A. Fulton Schools of Engineering are higher than minimum university admission standards. International students may have an additional English-language proficiency criterion. Foreign nationals must meet the same admission requirements shown below with the possible additional requirement of a minimum TOEFL score. If the university requires a TOEFL score from the applicant (see <https://admission.asu.edu/international/undergrad-apply> (<https://admission.asu.edu/international/undergrad-apply>)), then admission to engineering requires a minimum TOEFL score of 550 (paper-based), 79 on iBT (internet-based) or a minimum IELTS score of 6.5.

Freshman Admission:

- minimum 1210 SAT combined evidence-based reading and writing plus math score or minimum 24 ACT combined score or 3.00 minimum ABOR GPA or class ranking in top 25% of high school class, and
- no high school math or science competency deficiencies

Transfer Admission Requirements:

Transfer students with fewer than 24 transferable college credit hours:

- minimum transfer GPA of 3.00 for less than 24 transfer hours, and
- no high school math or science competency deficiencies, and
- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or 3.00 minimum ABOR GPA, or class ranking in top 25% of high school class

Transfer students with 24 or more transferable college credit hours must meet EITHER the primary OR the secondary criteria (not both):

Primary Criteria

- minimum transfer GPA of 3.00 for 24 or more transfer hours, and
- no high school math or science competency deficiencies (if Admission Services requires submission of a high school transcript)

Secondary Criteria

- minimum transfer GPA of 2.75 for 24 or more transfer hours, and
- minimum GPA of 3.00 in all critical courses for Terms 1 and 2 (see major map for critical courses)

Change of Major Requirements:

Admission requirements for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards: <https://engineering.asu.edu/admission-requirements/> (<https://engineering.asu.edu/admission-requirements/>).

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESCEEBSE~null + &college=CES>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

ASU graduates with a bachelor's degree in civil engineering readily find employment. Civil engineers work in many different types of companies: large corporations; small, private consulting firms; and governmental agencies. A civil engineering background is an excellent foundation for jobs in management and public service.

Civil engineering is one of the best engineering professions from the viewpoint of international travel opportunities or for eventually establishing one's own consulting business.

The bachelor's degree program prepares graduates for the fundamentals of engineering examination, the professional engineering examination and for graduate degree programs.

Contact Information:

Engineering, Ira A. Fulton Schools of
Civil, Environmental and Sustainable Eng Program
<https://ssebe.engineering.asu.edu/undergraduate/civil/>
CAVC 437
sebe.advising@asu.edu
480-965-0595

Civil Engineering (Environmental Engineering), BSE (ESCEEEBSE)

Campus: Tempe

ASU is no longer accepting new students to this program. Please explore Degree Search for other similar program options.

Program Description:

Civil engineering majors have three choices within the accredited BSE program:

- civil engineering
- civil engineering with environmental engineering concentration
- civil engineering with sustainable engineering concentration

The first choice allows students to choose among design and technical elective courses in their senior year. The other choices specify design and technical courses to students with minimal choices. Regardless of choice, the Bachelor of Science in Engineering in civil engineering is accredited by ABET.

Civil engineering with a concentration in environmental engineering is a transdisciplinary field based on traditional civil engineering principles and on chemistry, biology and geology. Environmental engineers are involved with:

- air pollution technology
- analysis of the fate and transport of pollutants
- application of sustainable practices in all areas of urban infrastructure
- construction of hazardous waste containment systems
- design and operation of water and wastewater treatment systems
- remediation of contaminated soils and waters
- surface water quality management
- water conservation and reuse

The curriculum also exposes students to other traditional civil engineering areas.

Accredited by the Engineering Accreditation Commission of ABET, <http://www.abet.org/> (<http://www.abet.org/>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 265 - Calculus for Engineers I

Program Math Intensity: Substantial

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Civil, Environmental and Sustainable Engineering, MSE
- Civil, Environmental, and Sustainable Engineering, MS
- Construction Engineering, MSE

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

The admission standards for majors in the Ira A. Fulton Schools of Engineering are higher than minimum university admission standards. International students may have an additional English-language proficiency criterion. Foreign nationals must meet the same admission requirements shown below with the possible additional requirement of a minimum TOEFL score. If the university requires a TOEFL score from the applicant, (see <https://admission.asu.edu/international/undergrad-apply>) then admission to engineering requires a minimum TOEFL score of 550 (paper-based), 79 on iBT (Internet-based) or a minimum IELTS score of 6.5.

Freshman Admission:

- minimum 1210 SAT combined evidence-based reading and writing plus math score or minimum 24 ACT combined score or 3.00 minimum ABOR GPA or class ranking in top 25% of high school class, and
- no high school math or science competency deficiencies

Transfer Admission Requirements:

Transfer students with fewer than 24 transferable college credit hours:

- minimum transfer GPA of 3.00 for less than 24 transfer hours, and
- no high school math or science competency deficiencies, and
- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or 3.00 minimum ABOR GPA, or class ranking in top 25% of high school class

Transfer students with 24 or more transferable college credit hours must meet EITHER the primary OR the secondary criteria (not both):

Primary Criteria

- minimum transfer GPA of 3.00 for 24 or more transfer hours, and
- no high school math or science competency deficiencies (if Admission Services requires submission of a high school transcript)

Secondary Criteria

- minimum transfer GPA of 2.75 for 24 or more transfer hours, and
- minimum GPA of 3.00 in all critical courses for Terms 1 and 2 (see major map for critical courses)

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESCEEEBSE~null + &college=CES>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

ASU graduates with a bachelor's degree in civil engineering with a concentration in environmental engineering find employment in:

- consulting firms
- industry
- municipalities
- regulatory agencies

The growth of environmental engineering positions has been balanced by the growing number of students entering the field, resulting in a stable job market.

A civil engineering background is an excellent foundation for jobs in management and public service. International opportunities are abundant and are likely to expand. The bachelor's degree program in civil engineering prepares graduates for the fundamentals of engineering examination, the professional engineering examination and graduate degree programs.

Contact Information:

Engineering, Ira A. Fulton Schools of
Civil, Environmental and Sustainable Eng Program
<https://ssebe.engineering.asu.edu/>
CAVC 437
sebe.advising@asu.edu
480-965-0595

Civil Engineering (Sustainable Engineering), BSE (ESCEESUBSE)

Campus: Tempe

Program Description:

Civil engineering majors have three options within the accredited BSE program: civil engineering; civil engineering with environmental engineering concentration; and civil engineering with sustainable engineering concentration.

The first option allows students to choose among design and technical elective courses in their senior year. The other options specify design and technical courses to students with minimal choices. Regardless of choice, the Bachelor of Science in Engineering in civil engineering is accredited by ABET.

The bachelor's degree in civil engineering with a concentration in sustainable engineering incorporates systems modeling and life cycle approaches to assessing the resiliency and material selection across all areas of urban infrastructure, or built environment, currently addressed within the civil engineering degree. The program is designed to provide students with exposure to material from several disciplines that comply with the principles of economic, social and ecological sustainability and apply them to traditional civil engineering areas.

Accredited by the Engineering Accreditation Commission of ABET, <http://www.abet.org/> (<http://www.abet.org/>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 265 - Calculus for Engineers I

Program Math Intensity: Substantial

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Civil, Environmental and Sustainable Engineering, MSE
- Civil, Environmental, and Sustainable Engineering, MS
- Construction Engineering, MSE

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

The admission standards for majors in the Ira A. Fulton Schools of Engineering are higher than minimum university standards. International students may have an additional English-language proficiency criterion. Foreign nationals must meet the same admission requirements shown below with the possible additional requirement of a minimum TOEFL score. If the university requires a TOEFL score from the applicant (see <https://admission.asu.edu/international/undergrad-apply> (<https://admission.asu.edu/international/undergrad-apply>)), then admission to engineering requires a minimum TOEFL score of 550 (paper-based), 79 on iBT (internet-based) or a minimum IELTS score of 6.5.

Freshman Admission:

- minimum 1210 SAT combined evidence-based reading and writing plus math score or minimum 24 ACT combined score or 3.00 minimum ABOR GPA or class ranking in top 25% of high school class, and
- no high school math or science competency deficiencies

Transfer Admission Requirements:

Transfer students with fewer than 24 transferable college credit hours:

- minimum transfer GPA of 3.00 for less than 24 transfer hours, and
- no high school math or science competency deficiencies, and
- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or 3.00 minimum ABOR GPA, or class ranking in top 25% of high school class

Transfer students with 24 or more transferable college credit hours must meet EITHER the primary OR the secondary criteria (not both):

Primary Criteria

- minimum transfer GPA of 3.00 for 24 or more transfer hours, and
- no high school math or science competency deficiencies (if Admission Services requires submission of a high school transcript)

Secondary Criteria

- minimum transfer GPA of 2.75 for 24 or more transfer hours, and
- minimum GPA of 3.00 in all critical courses for Terms 1 and 2 (see major map for critical courses)

Change of Major Requirements:

Admission requirements for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards: <https://engineering.asu.edu/admission-requirements/> (<https://engineering.asu.edu/admission-requirements/>).

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESCEESUBSE~null + &college=CES>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Civil engineers with knowledge of sustainable engineering may find employment in many different types of companies: large corporations; small, private consulting firms; and governmental agencies.

Civil engineering is one of the best engineering professions from the viewpoint of international travel opportunities or for eventually establishing one's own consulting business.

The bachelor's degree in civil engineering prepares graduates for the fundamentals of engineering examination, the principles and practice of engineering examination, and for graduate degrees.

Contact Information:

Engineering, Ira A. Fulton Schools of
Civil, Environmental and Sustainable Eng Program
<https://ssebe.engineering.asu.edu/undergraduate/civil/>
CAVC 437
sebe.advising@asu.edu
480-965-0595

Computer Science, BS (ESCSEBS)

Campus: Tempe

Program Description:

Computer science professionals design, analyze and improve the quality of computer software and systems for a variety of applications, including:

- artificial intelligence
- computer vision
- cybersecurity
- graphics
- information management
- multimedia
- networking

Examples of projects a computer scientist might work on include:

- computer networking
- database and information systems
- distribution processing systems
- gaming systems
- next-generation computing systems
- search engines
- software engineering
- web services.

The BS program in computer science focuses on the design of computers, computational processes for problem-solving and information transfer and transformation with an emphasis on improving software and system quality, security, performance and usability. The program supports the evolution of the computing and informatics disciplines: the integration of computer and information sciences with engineering, science and other disciplines.

Accredited by the Computing Accreditation Commission of ABET, <http://www.abet.org/> (<http://www.abet.org/>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 265 - Calculus for Engineers I

Program Math Intensity: Substantial

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Computer Science (Art, Media and Engineering), MS
- Computer Science (Big Data Systems), MCS
- Computer Science (Big Data Systems), MS
- Computer Science (Biomedical Informatics), MS
- Computer Science (Cybersecurity), MCS
- Computer Science (Cybersecurity), MS
- Computer Science, MCS
- Computer Science, MS
- Robotics and Autonomous Systems (Artificial Intelligence), MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

The admission standards for majors in the Ira A. Fulton Schools of Engineering are higher than minimum university standards. International students may have an additional English-language proficiency criterion. Foreign nationals must meet the same admission requirements shown below with the possible additional requirement of a minimum TOEFL score. If the university requires a TOEFL score from the applicant, (see <https://admission.asu.edu/international/undergrad-apply> (<https://admission.asu.edu/international/undergrad-apply>)) then admission to engineering requires a minimum TOEFL score of 550 (paper-based), 213 (computer-based), 79 on iBT (internet-based) or a minimum IELTS score of 6.5.

Freshman Admission:

- minimum 1210 SAT combined evidence-based reading and writing plus math score or minimum 24 ACT combined score or 3.00 minimum ABOR GPA or class ranking in top 25% of high school class, and
- no high school math or science competency deficiencies

Transfer Admission Requirements:

Transfer students with fewer than 24 transferable college credit hours:

- minimum transfer GPA of 3.00 for less than 24 transfer hours, and
- no high school math or science competency deficiencies, and
- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or 3.00 minimum ABOR GPA, or class ranking in top 25% of high school class

Transfer students with 24 or more transferable college credit hours must meet EITHER the primary OR the secondary criteria (not both):

Primary Criteria

- minimum transfer GPA of 3.00 for 24 or more transfer hours, and
- no high school math or science competency deficiencies (if Admission Services requires submission of a high school transcript)

Secondary Criteria

- minimum transfer GPA of 2.75 for 24 or more transfer hours, and
- minimum GPA of 2.75 in all critical courses for Terms 1 and 2 (see major map for critical courses)

Change of Major Requirements:

Admission requirements for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards: <https://engineering.asu.edu/admission-requirements/> (<https://engineering.asu.edu/admission-requirements/>).

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESCSEBS~null + &college=CES>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Computer science graduates secure employment in a variety of capacities ranging from computer and software design to development of information technologies. Their jobs are often distinguished by the high level of theoretical expertise applied to solving complex problems and to the creation and application of new computing technologies. Some computer science-related jobs may include:

- creating computer games and graphics systems
- designing artificial intelligence systems
- developing mobile computing applications
- developing network security applications
- discovering data management and mining solutions for large scale data analytics
- inventing and implementing more efficient computing systems for managing data and information, including information retrieval and search on the Internet

With the theoretical foundation built into the program, computer science graduates can excel in system and software development as well as in designing effective computing solutions for emerging and challenging problems in modern society. Skills in system development and research can lead to entrepreneurial activity that produces innovative computing products and services.

Contact Information:

Engineering, Ira A. Fulton Schools of

Computer Science and Engineering Program
<https://cidse.engineering.asu.edu/computer-science-bs/degree-requirements/>
CTRPT 105
cidse.undergrad@asu.edu
480-965-3199

Computer Science (Cybersecurity), BS (ESCSEIBS)

Campus: Tempe

Program Description:

The BS program in computer science with a concentration in cybersecurity provides students with the knowledge and skills needed to build dependable and secure information systems and networks and to ensure the integrity and quality of information being stored, processed and transmitted.

ASU has been certified as a National Center of Academic Excellence in Information Assurance Education and a National Center of Academic Excellence in Information Assurance - Research by the National Security Agency and the Department of Homeland Security. Information assurance courseware at ASU has been certified by the Information Assurance Courseware Evaluation Program to satisfy the standards for Information Systems Security Professionals (NSTISSI 4011) and Senior Systems Managers (CNSSI 4012). For more information on information assurance courseware at ASU, students should refer to <http://ia.asu.edu/education.php> (<http://ia.asu.edu/education.php>).

Accredited by the Computing Accreditation Commission of ABET, <http://www.abet.org> (<http://www.abet.org/>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 265 - Calculus for Engineers I

Program Math Intensity: Substantial

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Computer Science (Art, Media and Engineering), MS
- Computer Science (Big Data Systems), MCS
- Computer Science (Big Data Systems), MS
- Computer Science (Biomedical Informatics), MS
- Computer Science (Cybersecurity), MCS
- Computer Science (Cybersecurity), MS
- Computer Science, MCS
- Computer Science, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

The admission standards for majors in the Ira A. Fulton Schools of Engineering are higher than minimum university standards. International students may have an additional English-language proficiency criterion. Foreign nationals must meet the same admission requirements shown below with the possible additional requirement of a minimum TOEFL score. If the university requires a TOEFL score from the applicant, (see <https://admission.asu.edu/international/undergrad-apply> (<https://admission.asu.edu/international/undergrad-apply>)) then admission to engineering requires a minimum TOEFL score of 550 (paper-based), 213 (computer-based), 79 on iBT (internet-based) or a minimum IELTS score of 6.5.

Freshman Admission:

- minimum 1210 SAT combined evidence-based reading and writing plus math score or minimum 24 ACT combined score or 3.00 minimum ABOR GPA or class ranking in top 25% of high school class, and
- no high school math or science competency deficiencies

Transfer Admission Requirements:

Transfer students with fewer than 24 transferable college credit hours:

- minimum transfer GPA of 3.00 for less than 24 transfer hours, and
- no high school math or science competency deficiencies, and
- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or 3.00 minimum ABOR GPA, or class ranking in top 25% of high school class

Transfer students with 24 or more transferable college credit hours must meet EITHER the primary OR the secondary criteria (not both):

Primary Criteria

- minimum transfer GPA of 3.00 for 24 or more transfer hours, and
- no high school math or science competency deficiencies (if Admission Services requires submission of a high school transcript)

Secondary Criteria

- minimum transfer GPA of 2.75 for 24 or more transfer hours, and
- minimum GPA of 2.75 in all critical courses for Terms 1 and 2 (see major map for critical courses)

Change of Major Requirements:

Admission requirements for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards:

<https://engineering.asu.edu/admission-requirements/> (<https://engineering.asu.edu/admission-requirements/>).

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESCSEIBS~null + &college=CES>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Domestic students enrolled in the cybersecurity concentration are eligible for federal fellowships, such as the Department of Defense Information Assurance Scholarship Program and the Federal Cyber Service Scholarship for Service Program. For more information on the scholarship programs, students should see <https://globalsecurity.asu.edu/center-cybersecurity-and-digital-forensics/scholarship> (<https://globalsecurity.asu.edu/center-cybersecurity-and-digital-forensics/scholarship>).

Graduates with a degree in computer science with a cybersecurity concentration find employment in a variety of capacities ranging from computer system and software development to research on information assurance technologies. Some related jobs may include:

- analyzing computer forensic data
- designing secure information systems and databases
- developing secure software
- information security consulting
- secure computer and network applications

Contact Information:

Engineering, Ira A. Fulton Schools of

Computer Science and Engineering Program

<https://cidse.engineering.asu.edu/computer-science-bs/degree-requirements/>

CTRPT 105

cidse.undergrad@asu.edu

480-965-3199

Campus: Tempe

Program Description:

The software engineering concentration of the BS program in computer science is appropriate for computer science students seeking careers as software engineers. Students learn advanced processes, methodologies and tools for developing and testing large and small software applications in emerging areas such as:

- databases
- enterprise systems
- interoperable systems
- mobile computing
- service-orientated computing

They also learn information assurance concepts and techniques, or principles of human-computer interaction and methods, for developing these applications. The curriculum prepares students to assume leadership roles in software development organizations and to practice professional standards and emerging software technology to the software engineering life-cycle activities.

Accredited by the Computing Accreditation Commission of ABET, <http://www.abet.org> (<http://www.abet.org/>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 265 - Calculus for Engineers I

Program Math Intensity: Substantial

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Computer Science (Art, Media and Engineering), MS
- Computer Science (Big Data Systems), MCS
- Computer Science (Big Data Systems), MS
- Computer Science (Biomedical Informatics), MS
- Computer Science (Cybersecurity), MCS
- Computer Science (Cybersecurity), MS
- Computer Science, MCS
- Computer Science, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

The admission standards for majors in the Ira A. Fulton Schools of Engineering are higher than minimum university standards. International students may have an additional English-language proficiency criterion. Foreign nationals must meet the same admission requirements shown below with the possible additional requirement of a minimum TOEFL score. If the university requires a TOEFL score from the applicant, (see <https://admission.asu.edu/international/undergrad-apply> (<https://admission.asu.edu/international/undergrad-apply>)) then admission to engineering requires a minimum TOEFL score of 550 (paper-based), 213 (computer-based), 79 on iBT (internet-based) or a minimum IELTS score of 6.5.

Freshman Admission:

- minimum 1210 SAT combined evidence-based reading and writing plus math score or minimum 24 ACT combined score or 3.00 minimum ABOR GPA or class ranking in top 25 percent of high school class, and
- no high school math or science competency deficiencies

Transfer Admission Requirements:

Transfer students with fewer than 24 transferable college credit hours:

- minimum transfer GPA of 3.00 for less than 24 transfer hours, and
- no high school math or science competency deficiencies, and
- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or 3.00 minimum ABOR GPA, or class ranking in top 25 percent of high school class

Transfer students with 24 or more transferable college credit hours must meet EITHER the primary OR the secondary criteria (not both):

Primary Criteria

- minimum transfer GPA of 3.00 for 24 or more transfer hours, and
- no high school math or science competency deficiencies (if Admission Services requires submission of a high school transcript)

Secondary Criteria

- minimum transfer GPA of 2.75 for 24 or more transfer hours, and
- minimum GPA of 2.75 in all critical courses for Terms 1 and 2 (see major map for critical courses)

Change of Major Requirements:

Admission requirements for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards: <https://engineering.asu.edu/admission-requirements> (<https://engineering.asu.edu/admission-requirements/>).

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transferecreditguide/app/transfermap?major=ESCSESBS~null + &college=CES>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Career opportunities are plentiful for software engineers. Graduates of this program possess the knowledge and skills to work across the spectrum of software development process activities, including:

- architecture
- coding
- project management
- quality assurance
- requirements engineering
- testing

Careers include:

- software analyst
- software architect
- software engineer
- software task leader
- software tester

Graduates of the software engineering concentration find employment in large and small organizations that develop, deploy and manage software systems. They work on all types of projects that include large, complex engineering systems, distributed banking, financial and government software, and gaming.

Contact Information:

Engineering, Ira A. Fulton Schools of
Computer Science and Engineering Program

<https://cidse.engineering.asu.edu/computer-science-bs/degree-requirements/>

Computer Systems Engineering, BSE (ESCSEBSE)

Campus: Tempe

Program Description:

The BSE program in computer systems engineering focuses on the analysis, design, testing, integration and evaluation of hardware and software systems. The curriculum is grounded in many engineering disciplines, including the applications of science and technology to the design of:

- computer architecture
- cybersecurity
- digital circuits
- distributed and embedded systems
- networking
- operating systems

Students engage in the design of integrated hardware and software solutions for computing, communication and control applications. They practice many aspects of engineering activities, such as the development of:

- computer networks
- embedded and ubiquitous systems
- high-performance computer systems
- individual digital components

Students become skilled at interfacing different pieces of hardware and software components and integrating systems and products with new capabilities and improved quality and performance.

Accredited by the Engineering Accreditation Commission of ABET, <http://www.abet.org> (<http://www.abet.org>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 265 - Calculus for Engineers I

Program Math Intensity: Substantial

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Computer Engineering (Computer Systems), MS
- Computer Science (Art, Media and Engineering), MS
- Computer Science (Big Data Systems), MCS
- Computer Science (Big Data Systems), MS
- Computer Science (Biomedical Informatics), MS
- Computer Science (Cybersecurity), MCS
- Computer Science (Cybersecurity), MS
- Computer Science, MCS
- Computer Science, MS
- Robotics and Autonomous Systems (Artificial Intelligence), MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

The admission standards for majors in the Ira A. Fulton Schools of Engineering are higher than minimum university standards. International students may have an additional English-language proficiency criterion. Foreign nationals must meet the same admission requirements shown

below with the possible additional requirement of a minimum TOEFL score. If the university requires a TOEFL score from the applicant, (see <https://admission.asu.edu/international/undergrad-apply> (<https://admission.asu.edu/international/undergrad-apply>)) then admission to engineering requires a minimum TOEFL score of 550 (paper-based), 213 (computer-based), 79 on iBT (internet-based) or a minimum IELTS score of 6.5.

Freshman Admission:

- minimum 1210 SAT combined evidence-based reading and writing plus math score or minimum 24 ACT combined score or 3.00 minimum ABOR GPA or class ranking in top 25 percent of high school class, and
- no high school math or science competency deficiencies

Transfer Admission Requirements:

Transfer students with fewer than 24 transferable college credit hours:

- minimum transfer GPA of 3.00 for less than 24 transfer hours, and
- no high school math or science competency deficiencies, and
- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or 3.00 minimum ABOR GPA, or class ranking in top 25 percent of high school class

Transfer students with 24 or more transferable college credit hours must meet EITHER the primary OR the secondary criteria (not both):

Primary Criteria

- minimum transfer GPA of 3.00 for 24 or more transfer hours, and
- no high school math or science competency deficiencies (if Admission Services requires submission of a high school transcript)

Secondary Criteria

- minimum transfer GPA of 2.75 for 24 or more transfer hours, and
- minimum GPA of 2.75 in all critical courses for Terms 1 and 2 (see major map for critical courses)

Change of Major Requirements:

Admission requirements for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards: <https://engineering.asu.edu/admission-requirements/> (<https://engineering.asu.edu/admission-requirements/>).

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESCSEBSE~null + &college=CES>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Computer systems engineers are employed in industry, government, education and consulting firms where they engage in the design, development and operation of hardware and software systems of computer and networking equipment.

Computer systems engineers often find themselves focusing on engineering problems or challenges of emerging computer systems, from chips to device controllers, embedded systems and high-performance computing servers. Their jobs usually involve the research, design and development of computer hardware and software for practical applications. Their work can result in innovative, state-of-the-art products that integrate computing and communication capabilities, such as those in:

- avionics and space vehicles
- digital television and photography
- intelligent highways and control systems for vehicles
- mobile devices and smart applications
- new apparatuses for health care and for the sight-impaired or others with physical disabilities
- security and defense systems

Contact Information:

Engineering, Ira A. Fulton Schools of
Computer Science and Engineering Program
<https://cidse.engineering.asu.edu/computer-systems-engineering/>
CTRPT 105
cidse.undergrad@asu.edu
480-965-3199

Computer Systems Engineering (Cybersecurity), BSE (ESCSEIBSE)

Campus: Tempe

Program Description:

The cybersecurity concentration in the computer systems engineering BSE degree program provides students with the knowledge and skills needed to build dependable and secure information systems and networks and to ensure the integrity and quality of the information being stored, processed and transmitted.

ASU has been certified as a National Center of Academic Excellence in Information Assurance Education and a National Center of Academic Excellence in Information Assurance - Research by the National Security Agency and the Department of Homeland Security. Information assurance courseware at ASU has been certified by the Information Assurance Courseware Evaluation Program to satisfy the standards for Information Systems Security Professionals (NSTISSI 4011) and Senior Systems Managers (CNSSI 4012). For more information on information assurance courseware at ASU, students should refer to <http://ia.asu.edu/education.php> (<http://ia.asu.edu/education.php>).

Accredited by the Computing Accreditation Commission of ABET, <http://www.abet.org> (<http://www.abet.org/>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 265 - Calculus for Engineers I

Program Math Intensity: Substantial

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Computer Science (Art, Media and Engineering), MS
- Computer Science (Big Data Systems), MCS
- Computer Science (Big Data Systems), MS
- Computer Science (Biomedical Informatics), MS
- Computer Science (Cybersecurity), MCS
- Computer Science (Cybersecurity), MS
- Computer Science, MCS
- Computer Science, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

The admission standards for majors in the Ira A. Fulton Schools of Engineering are higher than minimum university standards. International students may have an additional English-language proficiency criterion. Foreign nationals must meet the same admission requirements shown below with the possible additional requirement of a minimum TOEFL score. If the university requires a TOEFL score from the applicant, (see <https://admission.asu.edu/international/undergrad-apply> (<https://admission.asu.edu/international/undergrad-apply>)) then admission to engineering requires a minimum TOEFL score of 550 (paper-based), 213 (computer-based), 79 on iBT (internet-based) or a minimum IELTS score of 6.5.

Freshman Admission:

- minimum 1210 SAT combined evidence-based reading and writing plus math score or minimum 24 ACT combined score or 3.00 minimum ABOR GPA or class ranking in top 25 percent of high school class, and
- no high school math or science competency deficiencies

Transfer Admission Requirements:

Transfer students with fewer than 24 transferable college credit hours:

- minimum transfer GPA of 3.00 for less than 24 transfer hours, and
- no high school math or science competency deficiencies, and
- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or 3.00 minimum ABOR GPA, or class ranking in top 25 percent of high school class

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Primary Criteria

- minimum transfer GPA of 3.00 for 24 or more transfer hours, and
- no high school math or science competency deficiencies (if Admission Services requires submission of a high school transcript)

Secondary Criteria

- minimum transfer GPA of 2.75 for 24 or more transfer hours, and
- minimum GPA of 2.75 in all critical courses for Terms 1 and 2 (see major map for critical courses)

Change of Major Requirements:

Admission requirements for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards: <https://engineering.asu.edu/admission-requirements/> (<https://engineering.asu.edu/admission-requirements/>).

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESCSEIBSE~null + &college=CES>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Domestic students enrolled in the cybersecurity concentration are eligible for federal fellowships such as the Department of Defense Information Assurance Scholarship Program and the Federal Cyber Service Scholarship for Service Program. For more information on the scholarship programs, students should visit <https://globalsecurity.asu.edu/center-cybersecurity-and-digital-forensics/scholarship> (<https://globalsecurity.asu.edu/center-cybersecurity-and-digital-forensics/scholarship>).

Graduates with a degree in computer systems engineering with a concentration in cybersecurity find employment in a variety of capacities ranging from computer systems and software development to research on information assurance technologies. Some related jobs may include:

- analyzing computer forensic data
- designing secure information systems and networks
- information security consulting
- information systems security engineering
- network security engineering

Contact Information:

Engineering, Ira A. Fulton Schools of
 Computer Science and Engineering Program
<https://cidse.engineering.asu.edu/computer-systems-engineering/>
 CTRPT 105

Construction Engineering, BSE (ESCONBSE)

Campus: Tempe

Program Description:

The BSE program in construction engineering focuses on a combination of design and management topics, preparing students for a career in the engineering and construction industry. The program prepares students who wish to gain a professional engineering license while working at the interface of design and construction, and it is attractive for students interested in a career that emphasizes the construction of infrastructure.

The degree program includes engineering design and construction management courses with a focus on sustainability and building information modeling topics. Construction management content includes construction methods, contract management, cost and schedule control, people management and project estimating.

The curriculum's design content includes structures, geotechnical engineering and transportation. Students are further prepared with the computer, management, technical and people skills needed to succeed.

This degree is the third in the southwestern U.S. and one of about 20 worldwide.

Accredited by the Engineering Accreditation Commission of ABET, <http://www.abet.org/> (<http://www.abet.org/>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 265 - Calculus for Engineers I

Program Math Intensity: Substantial

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Construction Engineering, MSE

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

The admission standards for majors in the Ira A. Fulton Schools of Engineering are higher than minimum university standards. International students may have an additional English-language proficiency criterion. Foreign nationals must meet the same admission requirements shown below with the possible additional requirement of a minimum TOEFL score. If the university requires a TOEFL score from the applicant (see <https://admission.asu.edu/international/undergrad-apply> (<https://admission.asu.edu/international/undergrad-apply>)), then admission to engineering requires a minimum TOEFL score of 550 (paper-based), 213 (computer-based), 79 on iBT (internet-based) or a minimum IELTS score of 6.5.

Freshman Admission:

- minimum 1210 SAT combined evidence-based reading and writing plus math score or minimum 24 ACT combined score or 3.00 minimum ABOR GPA or class ranking in top 25% of high school class, and
- no high school math or science competency deficiencies

Transfer Admission Requirements:

Transfer students with fewer than 24 transferable college credit hours:

- minimum transfer GPA of 3.00 for less than 24 transfer hours, and
- no high school math or science competency deficiencies, and
- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or 3.00 minimum ABOR GPA, or class ranking in top 25% of high school class

Transfer student with 24 or more transferable college credit hours must meet EITHER the primary OR secondary criteria (not both):

Primary Criteria

- minimum transfer GPA of 3.00 for 24 or more transfer hours, and
- no high school math or science competency deficiencies (if Admission Services requires submission of a high school transcript)

Secondary Criteria

- minimum transfer GPA of 2.75 for 24 or more transfer hours, and
- minimum GPA of 2.75 in all critical courses for Terms 1 and 2 (see major map for critical courses)

Change of Major Requirements:

Admission requirements for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards. <https://engineering.asu.edu/admission-requirements/> (<https://engineering.asu.edu/admission-requirements/>)

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transferecreditguide/app/transfermap?major=ESCONBSE-null + &college=CES>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

The construction engineering graduate is prepared to begin as a field engineer, project engineer or project designer working for:

- construction companies
- design firms
- facility owners
- material suppliers
- specialty subcontractors

Graduates have unique skills to be able to take on the role of integrator in the delivery of design-build projects or development activities. As the graduate's career progresses, they should be able to take on leadership roles in the delivery of sustainable facilities in the built environment and then progress through successively higher levels of management responsibility. The graduate should be particularly attuned to the design and construction of heavy civil and industrial facilities, meeting the infrastructure needs of society.

Contact Information:

Engineering, Ira A. Fulton Schools of
Construction Engineering
<https://ssebe.engineering.asu.edu/construction-engineering-home/degree-undergrad/>
CAVC 437
sebe.advising@asu.edu
480-965-0595

Construction Management and Technology, BS (ESCONMGTB)

Campus: Tempe

Program Description:

The BS program in construction management and technology allows students to specialize in commercial, heavy, residential and specialty construction and facility management. Students learn to organize, lead and manage the building construction business processes related to real estate, facility and infrastructure projects.

Construction management is the most vital function on a job site. Construction managers represent the interests of the building owner or the

contractor and interact with architects, engineers, subcontractors, vendors and suppliers to ensure the success of construction projects in the built environment.

This program focuses on the business of construction and technology, such as building information modeling.

Students learn the basics of design; the construction methods specific to each type of construction (heavy, residential, commercial, specialty); and the process of sustainable or green construction. They learn how to estimate, schedule and control the costs of a project and what it takes to manage the people involved and the various types of contracts. Graduates are prepared with the computer, management, technical and people skills needed to succeed.

This is one of two construction programs in the state of Arizona and one of approximately 80 accredited programs in the nation.

This program is accredited by the American Council for Construction Education: <https://www.acce-hq.org/> (<https://www.acce-hq.org/>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 170 - Precalculus

Program Math Intensity: Moderate

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Construction Management and Technology, MS

Public Administration - Downtown Phoenix, MPA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

The admission standards for majors in the Ira A. Fulton Schools of Engineering are higher than minimum university standards. International students may have an additional English-language proficiency criterion. Foreign nationals must meet the same admission requirements shown below with the possible additional requirement of a minimum TOEFL score. If the university requires a TOEFL score from the applicant (see <https://admission.asu.edu/international/undergrad-apply> (<https://admission.asu.edu/international/undergrad-apply>)), then admission to engineering requires a minimum TOEFL score of 550 (paper-based), 213 (computer-based), 79 on iBT (internet-based) or a minimum IELTS score of 6.5.

Freshman Admission:

- minimum 1210 SAT combined evidence-based reading and writing plus math score or minimum 24 ACT combined score or 3.00 minimum ABOR GPA or class ranking in top 25% of high school class, and
- no high school math or science competency deficiencies

Transfer Admission Requirements:

Transfer students with fewer than 24 transferable college credit hours:

- minimum transfer GPA of 3.00 for less than 24 transfer hours, and
- no high school math or science competency deficiencies, and
- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or 3.00 minimum ABOR GPA, or class ranking in top 25% of high school class

Transfer students with 24 or more transferable college credit hours must meet EITHER the primary OR the secondary criteria (not both):

Primary Criteria

- minimum transfer GPA of 3.00 for 24 or more transfer hours, and

- no high school math or science competency deficiencies (if Admission Services requires submission of a high school transcript)

Secondary Criteria

- minimum transfer GPA of 2.50 for 24 or more transfer hours, and
- minimum GPA of 2.75 in all critical courses for Terms 1 and 2 (see major map for critical courses)

Change of Major Requirements:

Admission requirements for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards. <https://engineering.asu.edu/admission-requirements> (<https://engineering.asu.edu/admission-requirements/>)

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transferecreditguide/app/transfermap?major=ESCONMGTBS-null + &college=CES>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

The construction management and technology program provides a foundation for students who wish to pursue careers as project managers, project engineers, estimators or schedulers and eventually become principals of firms engaged in the construction of industrial, commercial or residential projects.

The heavy construction emphasis area prepares students for careers related to public works such as highways, airports, bridges, utility systems and water or waste treatment facilities.

The commercial and residential emphasis areas prepare students for careers in real estate development, home production systems, commercial construction, health care and special industrial building projects. Students are also prepared to enter the sustainable or green construction market.

The specialty construction emphasis prepares students to organize, lead and manage the building process at the subcontractor level and prepares students for careers as contractors working with mechanical and electrical systems. It also prepares students for careers in management at specialty contracting firms, such as control systems, electrical distribution or heating, ventilation and air conditioning systems for large and complex facilities such as data centers, health care organizations and semiconductor manufacturing plants as well as commercial facilities.

Contact Information:

Engineering, Ira A. Fulton Schools of
Del E. Webb Construction
<https://ssebe.engineering.asu.edu/undergraduate/construction-mgmt/>
CAVC 437
sebe.advising@asu.edu
480-965-0595

Electrical Engineering, BSE (ESEEEBSE)

Campus: Tempe, Online

Program Description:

The electrical engineering undergraduate program prepares students for positions as electrical engineers.

Following initial coursework in mathematics and sciences, the foundation classes build a solid base of engineering knowledge. The electrical engineering curriculum includes a number of required upper-division electrical engineering and technical elective courses in such areas as circuits; communication, signal processing and control systems; computer engineering; electromagnetics; power; and solid-state devices.

Approved technical elective courses provide students with an opportunity either to broaden their background in electrical engineering or to study in greater depth the technical subjects in which they have special interest.

Accredited by the Engineering Accreditation Commission of ABET, <http://www.abet.org/> (<http://www.abet.org/>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 265 - Calculus for Engineers I

Program Math Intensity: Substantial

Accelerated Degree Options:

This program allows students to choose either a 2.5- or a 3-year path while participating in the same high-quality educational experience of a 4-year option. Students can opt to fast-track their studies after acceptance into a participating program by connecting with their academic advisor. Fast track options appear at the top of the major map.

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Computer Engineering (Electrical Engineering), MS

Electrical Engineering, MS

Electrical Engineering, MSE

Robotics and Autonomous Systems (Electrical Engineering), MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

The admission standards for majors in the Ira A. Fulton Schools of Engineering are higher than minimum university standards. International students may have an additional English-language proficiency criterion. Foreign nationals must meet the same admission requirements shown below with the possible additional requirement of a minimum TOEFL score. If the university requires a TOEFL score from the applicant, (see <https://admission.asu.edu/international/undergrad-apply> (<https://admission.asu.edu/international/undergrad-apply>)) then admission to engineering requires a minimum TOEFL score of 550 (paper-based), 213 (computer-based), 79 on iBT (internet-based) or a minimum IELTS score of 6.5.

Freshman Admission:

- minimum 1210 SAT combined evidence-based reading and writing plus math score or minimum 24 ACT combined score or 3.00 minimum ABOR GPA or class ranking in top 25% of high school class, and
- no high school math or science competency deficiencies

Transfer Admission Requirements:

Transfer students with fewer than 24 transferable college credit hours:

- minimum transfer GPA of 3.00 for less than 24 transfer hours, and
- no high school math or science competency deficiencies, and
- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or 3.00 minimum ABOR GPA, or class ranking in top 25% of high school class

Transfer students with 24 or more transferable college credit hours must meet EITHER the primary OR the secondary criteria (not both):

Primary Criteria

- minimum transfer GPA of 3.00 for 24 or more transfer hours, and
- no high school math or science competency deficiencies (if Admission Services requires submission of a high school transcript)

Secondary Criteria

- minimum transfer GPA of 2.50 for 24 or more transfer hours, and
- minimum GPA of 2.75 in all critical courses for Terms 1 and 2 (MAT 265, MAT 266, PHY 121 and PHY 122)

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-engineering-electrical-engineering/>)

Change of Major Requirements:

Admission requirements for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards: <https://engineering.asu.edu/admission-requirements> (<https://engineering.asu.edu/admission-requirements>).

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search ([https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESEEEBSE~null + &college=CES](https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESEEEBSE~null+%&college=CES)) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates with the bachelor's degree in electrical engineering find many exciting opportunities in industry. These include:

- communication equipment and network providers
- computer and peripheral device manufacturers and defense organizations
- consulting companies
- electric power utilities
- semiconductor chip designers and manufacturers

Graduates are also prepared for continued learning experiences, either in a formal graduate program or in continuing education applications.

Contact Information:

Engineering, Ira A. Fulton Schools of
Electrical Engineering Program
<https://ecee.engineering.asu.edu/>
GWC 209
askee@asu.edu
480-965-3424

Electrical Engineering (Electric Power and Energy Systems), BSE (ESEEEPBSE)

Campus: Tempe, Online

Program Description:

The electric power and energy systems concentration in the BSE electrical engineering program prepares students for positions after graduation in industries dealing with generation, transmission and utilization of electric power. Generation includes conventional power generation (fossil fuel and nuclear) and alternative energy systems, including solar, wind and fuel cells.

Students in this program complete the foundation courses in math, science and engineering and then are required to take the pathway course in electric power and complete nine of the 15 technical elective credit hours with power classes. The senior design capstone project focuses upon the area of electric power and energy systems.

Accredited by the Engineering Accreditation Commission of ABET, <http://www.abet.org> (<http://www.abet.org>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 265 - Calculus for Engineers I

Program Math Intensity: Substantial

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Electrical Engineering, MS

Electrical Engineering, MSE

Robotics and Autonomous Systems (Electrical Engineering), MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

The admission standards for majors in the Ira A. Fulton Schools of Engineering are higher than minimum university standards. International students may have an additional English-language proficiency criterion. Foreign nationals must meet the same admission requirements shown below with the possible additional requirement of a minimum TOEFL score. If the university requires a TOEFL score from the applicant (see <https://admission.asu.edu/international/undergrad-apply> (<https://admission.asu.edu/international/undergrad-apply>)), then admission to engineering requires a minimum TOEFL score of 550 (paper-based), 213 (computer-based), 79 on iBT (internet-based) or a minimum IELTS score of 6.5.

Freshman Admission:

- minimum 1210 SAT combined evidence-based reading and writing plus math score or minimum 24 ACT combined score or 3.00 minimum ABOR GPA or class ranking in top 25% of high school class, and
- no high school math or science competency deficiencies

Transfer Admission Requirements:

Transfer students with fewer than 24 transferable college credit hours:

- minimum transfer GPA of 3.00 for less than 24 transfer hours, and
- no high school math or science competency deficiencies, and
- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or 3.00 minimum ABOR GPA, or class ranking in top 25% of high school class

Transfer students with 24 or more transferable college credit hours must meet EITHER the primary OR the secondary criteria (not both):

Primary Criteria

- minimum transfer GPA of 3.00 for 24 or more transfer hours, and
- no high school math or science competency deficiencies (if Admission Services requires submission of a high school transcript)

Secondary Criteria

- minimum transfer GPA of 2.50 for 24 or more transfer hours, and
- minimum GPA of 2.75 in all critical courses for Terms 1 and 2 (MAT 265, MAT 266, PHY 121 and PHY 122)

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the Academic Catalog Archive 2020-2021

program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/electrical-engineering-electric-power-and-energy-systems-bse/>)

Change of Major Requirements:

Admission requirements for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards. <https://engineering.asu.edu/admission-requirements> (<https://engineering.asu.edu/admission-requirements>)

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercrreditguide/app/transfermap?major=ESEEEPBASE~null + &college=CES>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Career opportunities for graduates with a concentration in electric power and energy systems include:

- consulting engineering firms
- employment in utility companies
- entrepreneurial opportunities
- power equipment manufacturers
- research and design organizations
- state, federal and municipal agencies

This concentration also prepares students to pursue graduate degrees in the areas of:

- power generation
- power systems
- power transmission and distribution
- renewable and sustainable energy sources

The program also prepares graduates for continued learning experiences, either in a formal graduate program or in continuing education applications.

Contact Information:

Engineering, Ira A. Fulton Schools of
Electrical Engineering Program
<https://ecee.engineering.asu.edu/>
GWC 209
askee@asu.edu
480-965-3424

Engineering, BSE (TSEGRBSE)

Campus: Polytechnic

Program Description:

The ABET-accredited BSE in engineering program prepares graduates to collaborate across disciplines to design and build solutions to real-world problems. In the engineering program, students apply engineering fundamental knowledge and design thinking to real projects every semester.

In the Bachelor of Science in Engineering program, students choose a disciplinary concentration to develop in-depth knowledge in a specific area, as well as a secondary focus area. This flexibility allows students to tailor their degree to achieve their individual career and life goals.

Students can choose from the following concentrations: automotive systems, electrical systems, mechanical engineering systems and robotics.

Accredited by the Engineering Accreditation Commission of ABET, <http://www.abet.org> (<http://www.abet.org>).

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all

applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 265 - Calculus for Engineers I

Program Math Intensity: Substantial

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search ([https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TSEGRBSE-null + &college=CES](https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TSEGRBSE-null+%&college=CES)) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Engineers collaborate on transdisciplinary teams to design, manufacture and deliver innovative technological products and services. The BSE program enables students to develop sophisticated technical skills in tandem with the professional skills of communication, teamwork, and collaboration and the self-motivation and adaptability that many employers seek.

Graduates are prepared to work in large corporations, government agencies and small businesses as well as to go on to graduate school to pursue advanced degrees. The program's emphasis on open-ended design and project-based learning supports the development of entrepreneurial skills and attitudes, and some students start companies of their own.

Contact Information:

Engineering, Ira A. Fulton Schools of

Engineering Programs

<https://poly.engineering.asu.edu/engineering/bse-engineering>

WANER 201

polyadvising@asu.edu

480-727-1874

Engineering (Automotive Systems), BSE (TSEGRASBSE)

Campus: Polytechnic

Program Description:

The ABET-accredited BSE in engineering program prepares graduates to collaborate across disciplines to design and build solutions to real-world problems. In the program, students apply fundamental engineering knowledge and design thinking to real projects every semester.

Students in the automotive systems concentration of the Bachelor of Science in Engineering program first build a broad engineering foundation to which they add skills and knowledge necessary for vehicle design and testing. The curriculum focuses on automotive engineering fundamentals, including powertrain engineering and chassis system design as well as hands-on projects that involve designing, analyzing and building of actual automotive systems.

Graduates of this concentration are able to provide leadership in automotive engineering settings, especially automotive testing and hybrid propulsion systems, which are intrinsically transdisciplinary in nature.

Accredited by the Engineering Accreditation Commission of ABET, <http://www.abet.org> (<http://www.abet.org>).

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 265 - Calculus for Engineers I

Program Math Intensity: Substantial

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Engineering, MS
- Global Management, MGM
- Manufacturing Engineering, MS
- Robotics and Autonomous Systems (Systems Engineering), MS
- Secondary Education (Teacher Certification), MEd
- Technology (Management of Technology), MSTech

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TSEGRASBSE~null + &college=CES>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Engineers collaborate on transdisciplinary teams to design, manufacture and deliver innovative technological products and services. The BSE program enables students to develop sophisticated technical skills in tandem with the professional skills of communication, teamwork and collaboration, and self-motivation and adaptability that many employers seek.

Graduates of the automotive concentration are prepared for employment in automotive-related companies, from large original equipment manufacturing companies and their testing grounds to smaller specialty or aftermarket companies. The program's emphasis on open-ended design and project-based learning supports the development of entrepreneurial skills and attitudes, and some students start companies of their own.

Because of the transdisciplinary nature of the Bachelor of Science in Engineering, graduates also have opportunities to perform functions that traditionally have been done by mechanical, manufacturing, automation and development engineers.

Contact Information:

Engineering, Ira A. Fulton Schools of
Engineering Programs

<https://poly.engineering.asu.edu/engineering/bse-engineering>

WANER 201

polyadvising@asu.edu

480-727-1874

Engineering (Electrical Systems), BSE (TSEGRESBSE)

Campus: Polytechnic

Program Description:

The ABET-accredited BSE program in engineering prepares graduates to collaborate across disciplines to design and build solutions to real-world problems. In the Bachelor of Science in Engineering program, students apply fundamental engineering knowledge and design thinking to real projects every semester.

Students in the electrical systems concentration of the Bachelor of Science in Engineering program build a broad engineering foundation to which they add skills and knowledge necessary to contribute electrical subject matter expertise in transdisciplinary engineering teams. This expertise includes theory and application of sensors, actuators, microcontrollers and microprocessors, as well as the integration of these components into electrical and mechatronic systems. The electrical systems curriculum also provides significant hands-on experience designing and implementing electrical and mechatronic systems to meet the needs of users.

Accredited by the Engineering Accreditation Commission of ABET; <http://www.abet.org> (<http://www.abet.org>).

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 265 - Calculus for Engineers I

Program Math Intensity: Substantial

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Engineering, MS
- Global Management, MGM
- Manufacturing Engineering, MS
- Robotics and Autonomous Systems (Systems Engineering), MS
- Secondary Education (Teacher Certification), MEd
- Solar Energy Engineering and Commercialization, PSM
- Technology (Management of Technology), MSTech

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TSEGRESBSE~null + &college=CES>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Engineers collaborate on transdisciplinary teams to design, manufacture and deliver innovative technological products and services.

The BSE program enables students to develop sophisticated technical skills in tandem with the professional skills of communication, teamwork and collaboration, and the self-motivation and adaptability that many employers seek. Graduates are prepared to work in large corporations, government agencies and small businesses, as well as to go on to graduate school to pursue advanced degrees. The program's emphasis on open-ended design and project-based learning supports the development of entrepreneurial skills and attitudes, and some students start companies of their own.

Engineers with electrical expertise are in high demand in many industry sectors, especially manufacturing, utilities, and communications and defense systems. Electrical systems also pervade the service sectors in areas such as health care, finance, education and entertainment. Graduates from this program have the broad base of technical knowledge and operational skills that make them invaluable members of multidisciplinary engineering teams, well-suited for employment across a broad spectrum of engineering endeavors.

Contact Information:

Engineering, Ira A. Fulton Schools of

Engineering Programs

<https://poly.engineering.asu.edu/engineering/bse-engineering>

WANER 201

polyadvising@asu.edu

480-727-1874

Engineering (Mechanical Engineering Systems), BSE (TSEGRMEBSE)

Campus: Polytechnic

Program Description:

The ABET-accredited BSE engineering program prepares graduates to collaborate across disciplines to design and build solutions to real-world problems. In the BSE program, students apply fundamental engineering knowledge and design thinking to real projects every semester.

Students in the mechanical engineering systems concentration of the Bachelor of Science in Engineering program build a broad engineering foundation to which they add skills and knowledge necessary to contribute mechanical subject matter expertise in transdisciplinary engineering teams. This expertise includes theory and application of materials, machine design, thermal fluid systems, and energy and power from a systems perspective. The mechanical systems curriculum also provides significant hands-on experience designing and implementing mechanical systems to meet the needs of users.

Accredited by the Engineering Accreditation Commission of ABET; <http://www.abet.org> (<http://www.abet.org>).

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 265 - Calculus for Engineers I

Program Math Intensity: Substantial

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Engineering, MS

Global Management, MGM

Manufacturing Engineering, MS

Robotics and Autonomous Systems (Systems Engineering), MS

Secondary Education (Teacher Certification), MEd

Technology (Management of Technology), MSTech

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TSEGRMEBSE~null + &college=CES>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Engineers collaborate on transdisciplinary teams to design, manufacture and deliver innovative technological products and services. The BSE program enables students to develop sophisticated technical skills in tandem with the professional skills of communication, teamwork, and collaboration and the self-motivation and adaptability that many employers seek. Graduates are prepared to work in large corporations, government agencies and small businesses, as well as to go on to graduate school to pursue advanced degrees. The program's emphasis on open-ended design and project-based learning supports the development of entrepreneurial skills and attitudes, and some students start companies of their own.

Engineers with mechanical expertise are in high demand in many different industry sectors, including transportation, agriculture, a wide variety of process industries, product development, manufacturing, and energy and defense systems. Mechanical engineers also work in close collaboration with other engineering disciplines in a wide variety of fields, including biomedical, building and construction, transportation, and aerospace. Graduates from this program have a broad base of technical knowledge and operational skills that make them invaluable members of multidisciplinary engineering teams, well-suited for employment across the whole spectrum of applications.

Contact Information:

Engineering, Ira A. Fulton Schools of

Engineering Programs

<https://poly.engineering.asu.edu/engineering/bse-engineering>

WANER 201

polyadvising@asu.edu

480-727-1874

Engineering (Robotics), BSE (TSEGRRBSE)

Campus: Polytechnic

Program Description:

The ABET-accredited BSE in engineering prepares graduates to collaborate across disciplines to design and build solutions to real-world problems. In the program, students apply fundamental engineering knowledge and design thinking to real projects every semester.

Students in the robotics concentration of the Bachelor of Science in Engineering program build a broad engineering foundation to which they add skills and knowledge necessary to contribute robotics subject matter expertise in transdisciplinary engineering teams. This expertise includes electromechanical systems, sensor and actuator integration, embedded digital systems application, and design and analysis of dynamic systems. The robotics curriculum also provides significant hands-on experience designing and implementing robotics systems to meet the needs of users.

Accredited by the Engineering Accreditation Commission of ABET; <http://www.abet.org> (<http://www.abet.org>).

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all

applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 265 - Calculus for Engineers I

Program Math Intensity: Substantial

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Engineering, MS
- Global Management, MGM
- Manufacturing Engineering, MS
- Robotics and Autonomous Systems (Systems Engineering), MS
- Secondary Education (Teacher Certification), MEd
- Technology (Management of Technology), MSTech

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TSEGRRBSE~null + &college=CES>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Engineers collaborate on transdisciplinary teams to design, manufacture and deliver innovative technological products and services. The Bachelor of Science in Engineering program enables students to develop sophisticated technical skills in tandem with the professional skills of communication, teamwork, and collaboration and the self-motivation and adaptability that many employers seek. Graduates are prepared to work in large corporations, government agencies and small businesses, as well as to go on to graduate school to pursue advanced degrees. The program's emphasis on open-ended design and project-based learning supports the development of entrepreneurial skills and attitudes, and some students start companies of their own.

Robotics plays an increasingly important role in many different industries, including manufacturing, automotive, defense systems, biomedical devices and aerospace. Graduates from this program have a broad base of technical knowledge in the design and implementation of robotic electro-mechanical systems. In addition, they have the operational and communication skills that make them invaluable members of multidisciplinary engineering teams, well-suited for employment across the whole spectrum of applications.

Contact Information:

Engineering, Ira A. Fulton Schools of

Engineering Programs

<https://poly.engineering.asu.edu/engineering/bse-engineering/>

WANER 201

polyadvising@asu.edu

480-727-1874

Engineering Management, BSE (ESEMGBSE)

Campus: Tempe, Online

Program Description:

The BSE in engineering management is designed to provide the graduate with skills for effective management and leadership of engineering-driven enterprises.

The curriculum provides a breadth of engineering science and design with depth in one specific area suitable for practice. This knowledge is augmented with an understanding of business practices and organizational behavior and with the development of management skills to enable the graduate to succeed in the management of a scientific or engineering enterprise. Topics covered include project and resource management, financial engineering, risk management, configuration management, service plans, product liability, entrepreneurship and operations management, in addition to product design and process development.

Graduates have a deep understanding of at least one industry sector based upon the focus area courses.

Accredited by the Engineering Accreditation Commission of ABET, <https://www.abet.org> (<https://www.abet.org/>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 265 - Calculus for Engineers I

Program Math Intensity: Substantial

Concurrent Degrees:

This degree is also offered as concurrent degree program with Economics, BS

Accelerated Degree Options:

This program allows students to choose either a 2.5- or a 3-year path while participating in the same high-quality educational experience of a 4-year option. Students can opt to fast-track their studies after acceptance into a participating program by connecting with their academic advisor. Fast track options appear at the top of the major map.

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Industrial Engineering, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

The admission requirements for majors in the Ira A. Fulton Schools of Engineering are higher than minimum university admission requirements. Students should select a second major choice when applying for admission to a degree program in the Ira A. Fulton Schools of Engineering.

International students may have an additional English-language proficiency criterion. Foreign nationals must meet the same admission requirements shown below with the possible additional requirement of a minimum TOEFL score. If the university requires a TOEFL score from the applicant (see <https://admission.asu.edu/international/undergrad-apply> (<https://admission.asu.edu/international/undergrad-apply>)), then admission to engineering requires a minimum TOEFL score of 550 (paper-based), 79 on iBT (internet-based) or a minimum IELTS score of 6.5.

Freshman Admission:

- minimum 1210 SAT combined evidence-based reading and writing plus math score or minimum 24 ACT combined score or 3.00 minimum ABOR GPA or class ranking in top 25% of high school class, and
- Admission may be granted with one deficiency in no more than two competency areas: <https://admission.asu.edu/first-year/competency-requirements> (<https://admission.asu.edu/first-year/competency-requirements>). Deficiencies in both math and laboratory science are not acceptable.

Transfer Admission Requirements:

Transfer students with fewer than 24 transferable college credit hours:

- minimum transfer GPA of 2.75 for less than 24 transfer hours, and
- satisfy the freshmen admission requirements

Transfer students with more than 24 transferable college credit hours:

- minimum transfer GPA of 2.75 for 24 or more transfer hours, and
 - if Admission Services requires submission of a high school transcript, admission may be granted with one deficiency in no more than two competency areas: <https://admission.asu.edu/first-year/competency-requirements> (<https://admission.asu.edu/first-year/competency-requirements>).
- Deficiencies in both math and laboratory science are not acceptable.

Concurrent degree admission requirements: Engineering Management, BSE and Economics, BS:

- minimum 1250 SAT combined evidence-based reading and writing plus math score (650 minimum on SAT math) or minimum 29 ACT combined score (29 minimum on ACT math), and
- 3.00 minimum ABOR GPA

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/engineering-engineering-management-bse/>)

Change of Major Requirements:

Admission requirements for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards. <https://engineering.asu.edu/admission-requirements/> (<https://engineering.asu.edu/admission-requirements/>)

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESEMGBSE-null + &college=CES>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

An engineering management graduate is prepared to begin a career as a:

- production supervisor
- project management team member or lead
- supply logistics engineer
- system specification and customer relationship management specialist or similar role

Graduates are ready to progress through successively higher levels of management responsibility.

Contact Information:

Engineering, Ira A. Fulton Schools of
Industrial, Systems & Operations Engineering Prgm
<https://cidse.engineering.asu.edu/engineering-management-bse/>
CTRPT 105
cidse.undergrad@asu.edu
480-965-3199

Environmental Engineering, BSE (ESEVEBSE)

Campus: Tempe

Program Description:

The environmental engineering BSE program educates tomorrow's engineers to solve complex environmental problems and design systems at the

human, urban and planetary scale.

Environmental engineers are actively involved with the following topics and activities: air quality monitoring and air pollution control technology; analysis of the fate and transport of pollutants; application of sustainable design principles; design and operation of water and wastewater treatment systems; design of hazardous waste containment systems; design of solid waste management systems; remediation of contaminated soil, sediment and water; and water quality, water conservation and water reuse.

In recognition of the interdisciplinary nature of environmental engineering challenges, the degree program incorporates courses from other programs in the Ira A. Fulton Schools of Engineering including chemical engineering and environmental resources management. Engineering courses build on strong foundation in chemistry, biology, geology, physics and mathematics. Courses cover fundamental engineering concepts applied to environmental processes and environmental engineering design as well as applied learning experiences including required internship or research experience and capstone design course.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 265 - Calculus for Engineers I

Program Math Intensity: Substantial

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Civil, Environmental, and Sustainable Engineering, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Freshman Admission:

- minimum 1210 SAT combined evidence-based reading and writing plus math score or minimum 24 ACT combined score or 3.00 minimum ABOR GPA or class ranking in top 25% of high school class, and
- no high school math or science competency deficiencies

Transfer Admission Requirements:

Transfer students with fewer than 24 transferable college credit hours:

- minimum transfer GPA of 3.00 for less than 24 transfer hours, and
- no high school math or science competency deficiencies, and

minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or 3.00 minimum ABOR GPA, or class ranking in top 25% of high school class

Transfer students with more than 24 transferable college credit hours:

Primary

- minimum transfer GPA of 3.00 for 24 or more transfer hours, and
- no high school math or science competency deficiencies (if Admissions Services requires submission of a high school transcript)

Secondary Criteria

minimum transfer GPA of 2.75 for 24 or more transfer hours, and

- minimum GPA of 2.75 in all critical courses for Terms 1 and 2 (see major map for critical courses)

Change of Major Requirements:

Admission requirements for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards: <https://engineering.asu.edu/admission-requirements/> (<https://engineering.asu.edu/admission-requirements/>).

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transferecreditguide/app/transfermap?major=ESEVEBSE~null + &college=CES>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates from the environmental engineering program have career opportunities in both the private and public sectors. The private sector consulting industry in environmental engineering is growing as greater environmental awareness and emerging novel pollutants require continual refinement of regulations and environmental system design standards. In the public sector, municipalities and regulating agencies require a knowledgeable workforce to understand how public policy can improve human health and ecosystem services through environmental engineering processes.

The college seeks to accredit the Bachelor of Science in Engineering in environmental engineering to allow graduates to pursue professional licensure that enables environmental engineers to design and build drinking water and wastewater treatment facilities, contaminated soil and water remediation systems, and hazardous and solid waste confinement systems.

Contact Information:

Engineering, Ira A. Fulton Schools of
School of Sustainable Engineering & Built Environmt
<https://ssebe.engineering.asu.edu/undergraduate/environmental/>
CAVC 437
sebe.advising@asu.edu
480-965-0595

Environmental and Resource Management, BS (TSETMBS)

Campus: Polytechnic

Program Description:

The BS program in environmental and resource management provides critical scientific and management skills for graduates who work in industry or government to ensure the health of natural ecosystems and mitigate the environmental impact of the industrial world.

The curriculum combines a strong foundation in biology, chemistry, physics and mathematics, with a solid grounding in environmental law and policy. Students learn to apply environmental technologies to drinking water and wastewater treatment, management of hazardous and solid wastes, and control of industrial and mobile sources of air pollution. They study OSHA regulations on health and safety, as well as strategies to protect workers in hazardous environments. International environmental issues and legal frameworks are included along with U.S. environmental laws.

Graduates with these skills are in high demand and can find work in industry, governmental management and regulatory agencies, or in policy-making organizations.

An accelerated BS/MS degree option is available in which up to nine credit hours of the bachelor's degree may be applied toward the 33 hours required for the master's degree in environmental and resource management. A special application is required for this option.

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program

(<https://admission.asu.edu/wue>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Environmental and Resource Management (Water Management), MS

Environmental and Resource Management, MS

Technology (Environmental Technology Management), MSTech

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TSETMBS-null + &college=CES>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates are firmly grounded in the scientific, technical and legal problems facing environmental managers in today's business climate. They are prepared to be environmental, health and safety professionals in industrial settings such as manufacturing, mining, oil and gas or environmental engineering consulting firms. They also assure compliance with OSHA and EPA requirements in laboratories at pharmaceutical companies, water treatment plants or academic labs. On the regulatory side, graduates work for agencies such as the U.S. Environmental Protection Agency or state and county departments of environmental quality.

Contact Information:

Engineering, Ira A. Fulton Schools of

Environmental and Resource Management

<https://poly.engineering.asu.edu/erm>

WANER 201

polyadvising@asu.edu

480-727-1874

Graphic Information Technology, BS (TSGITBS)

Campus: Polytechnic, Online

Program Description:

The cross-media nature of the graphics industry requires tomorrow's graduates to understand the full spectrum of visual design and production as well as current business practices.

The graphic information technology program prepares students for careers as visual design technologists encompassing front-end web design and development, printing and digital publishing, commercial photography and videography, and game art and animation. This is an intensive program

of study emphasizing theory and hands-on laboratory practice.

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 170 - Precalculus

Program Math Intensity: Moderate

Concurrent Degrees:

This degree is also offered as concurrent degree program with Journalism and Mass Communication, BA

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Graphic Information Technology, MS

Technology (Graphic Information Technology), MSTech

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Concurrent degree admission requirements:

Freshman applicants must meet all of the following standards:

- 3.75 minimum ABOR GPA
- no English competency deficiencies
- 960 SAT Reasoning or 22 ACT score

Transfer applicants also must meet the following standard:

Transfer students must have a minimum cumulative GPA of 3.00 from a transfer institution.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-graphic-information-technology-concentration/>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

ASU students who would like to change their majors to the concurrent program with journalism and mass communication must have at least a 3.00 cumulative GPA in 12 or more credit hours of ASU courses that can be used to satisfy the Cronkite School's nonelective general studies requirements.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TSGITBS~null + &college=CES>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graphic information technology prepares graduates for technical and management positions in visual design in such diverse areas as:

- art direction
- commercial photography and videography
- front-end web design and development
- graphic design
- motion graphics, animation and game art
- premedia, digital printing and publishing
- production managers
- quality assurance of graphic and visual design products
- technical and digital media production
- user experience design
- user interface design
- visual design

Contact Information:

Engineering, Ira A. Fulton Schools of
Graphic Information Technology
<https://poly.engineering.asu.edu/git/bs-graphic-information-technology>
WANER 201
polyadvising@asu.edu
480-727-1874

Graphic Information Technology (User Experience), BS (ESGITUEBS)

Campus: Polytechnic

Program Description:

The user experience concentration is designed to provide graphic information technology majors with an interdisciplinary foundation in design, research and communication to prepare them for the rapidly growing area of user experience.

The concentration provides students with a conceptual understanding and applied skills in methods of gathering user information, analyzing data and communicating through visual design technologies. Although its disciplinary home and primary focus is graphic information technology, the concentration includes courses from the fields of human systems engineering and technical communication in order to provide students with the multiple perspectives and complementary skills needed for user experience work.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 170 - Precalculus

Program Math Intensity: Moderate

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Graphic Information Technology, MS

Technology (Graphic Information Technology), MSTech

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercrreditguide/app/transfermap?major=ESGITUEBS~null + &college=CES>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graphic information technology graduates who have some expertise in user experience have numerous career opportunities in areas such as user experience research, user-centered design, information design, interaction design, information architecture, content strategy and usability analysis.

Contact Information:

Engineering, Ira A. Fulton Schools of
Graphic Information Technology
<https://poly.engineering.asu.edu/git/>
WANER 240
polyadvising@asu.edu
480-727-1874

Human Systems Engineering, BS (ESHSEBS)

Campus: Polytechnic

Program Description:

The BS program in human systems engineering provides students with an understanding of the science of human performance and with experience using methods and tools to apply this understanding to design and problem-solving in a wide variety of domains, such as product usability, learning design, sports performance, and workplace and hospital safety.

A wide variety of professions need experts in human factors to work on problems that involve an understanding of human performance. Interest areas include user experience, aviation human factors, cognitive performance, consumer psychology, transportation human factors, patient safety, effective teamwork, health psychology, learning optimization, social cognition, threat detection and sports psychology.

The program is offered by the Ira A. Fulton Schools of Engineering.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 170 - Precalculus

Program Math Intensity: Moderate

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Human Systems Engineering, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercrreditguide/app/transfermap?major=ESHSEBS-null + &college=CES>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

The human systems engineering program prepares students for industry and government careers in positions such as:

- game designer
- human factors engineer
- human systems integrator
- interface designer
- user experience designer
- usability engineer

Graduates may work as a member of a design team for a product or system.

Contact Information:

Engineering, Ira A. Fulton Schools of
Human Systems Engineering
<https://poly.engineering.asu.edu/hse/>
WANER 240J
polyadvising@asu.edu
480-727-1874

Human Systems Engineering (User Experience), BS (ESHSEUEBS)

Campus: Polytechnic

Program Description:

The BS degree program in human systems engineering with a concentration in user experience combines topics in psychology, the web, human factors, visual displays, and technical communications to make products and services useful, usable and desirable.

Students learn how to research customer needs, identify criteria for successful products and services, prototype those products and services, and refine them through usability testing and other user-centered methods.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 170 - Precalculus

Program Math Intensity: Moderate

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Human Systems Engineering, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESHSEUEBS~null + &college=CES>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Increasingly, companies are searching for professionals to help make products and services more usable and desirable. In recent years, CNN, U.S. News & World Report and other news organizations have rated user experience as one of the top emerging careers, with benefits that include high pay, opportunity to telecommute, low stress and high job growth.

Contact Information:

Engineering, Ira A. Fulton Schools of
Human Systems Engineering
<https://poly.engineering.asu.edu/hse/>
WANER 240
polyadvising@asu.edu
480-727-1874

Industrial Engineering, BSE (ESIEEBSE)

Campus: Tempe

Program Description:

Industrial engineering pertains to the design, improvement, installation and operation of integrated systems of people, materials, information, equipment and energy with the purpose of determining efficient ways to make a product or provide a service. Industrial engineering draws upon specialized knowledge and skill in the mathematical, physical and social sciences and the principles and methods of engineering analysis and design.

The underlying concepts for the BSE program in industrial engineering include certain business principles but emphasize the use of mathematics and information technology to build models to describe, understand and optimize system performance. Depending on the subspecialties involved and the intended application, industrial engineering may also be known as operations management, management science, operations research, systems engineering or manufacturing engineering.

Accredited by the Engineering Accreditation Commission of ABET, <http://www.abet.org> (<http://www.abet.org/>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 265 - Calculus for Engineers I

Program Math Intensity: Substantial

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Industrial Engineering, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

The admission standards for majors in the Ira A. Fulton Schools of Engineering are higher than minimum university standards. International students may have an additional English language proficiency criterion. Foreign nationals must meet the same admission requirements shown below with the possible additional requirement of a minimum TOEFL score. If the university requires a TOEFL score from the applicant (see <https://admission.asu.edu/international/undergrad-apply> (<https://admission.asu.edu/international/undergrad-apply>)), then admission to engineering requires a minimum TOEFL score of 550 (paper-based), 213 (computer-based), 79 on iBT (internet-based) or a minimum IELTS score of 6.5.

Freshman Admission:

- minimum 1210 SAT combined evidence-based reading and writing plus math score or minimum 24 ACT combined score or 3.00 minimum ABOR GPA or class ranking in top 25% of high school class, and
- no high school math or science competency deficiencies

Transfer Admission Requirements:

Transfer students with fewer than 24 transferable college credit hours:

- minimum transfer GPA of 3.00 for less than 24 transfer hours, and
- no high school math or science competency deficiencies, and
- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or 3.00 minimum ABOR GPA, or class ranking in top 25% of high school class

Transfer students with 24 or more transferable college credit hours must meet EITHER the primary OR the secondary criteria (not both):

Primary Criteria

- minimum transfer GPA of 3.00 for 24 or more transfer hours, and
- no high school math or science competency deficiencies (if Admission Services requires submission of a high school transcript)

Secondary Criteria

- minimum transfer GPA of 2.75 for 24 or more transfer hours, and
- minimum GPA of 2.75 in all critical courses for Terms 1 and 2 (see major map for critical courses)

Change of Major Requirements:

Admission requirements for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards. <https://engineering.asu.edu/admission-requirements/> (<https://engineering.asu.edu/admission-requirements/>)

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESIEEBSE-null + &college=CES>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates in industrial engineering are prepared to design and manage systems for a wide range of organizations. They find exciting career opportunities in all types of manufacturing and service industries, including:

- banking and finance
- defense and government
- health care

- hospitality, sports and entertainment
- management consulting
- manufacturing (e.g., aerospace, automotive, semiconductor)
- software industry
- telecommunication
- transportation and logistics

Contact Information:

Engineering, Ira A. Fulton Schools of
 Industrial, Systems & Operations Engineering Prgm
<https://cidse.engineering.asu.edu/industrial-engineering-bse/industrial-engineering-degree-requirements/>
 CTRPT 105
 cidse.undergrad@asu.edu
 480-965-3199

Informatics, BS (ESCPIBS)

Campus: Tempe

Program Description:

Informatics is about discovering, developing and understanding computer applications that improve people's lives. The BS in informatics prepares skilled professionals to take a transdisciplinary, user-oriented perspective toward information and computing systems, apply current informatics methods to address society's needs and contribute to the next generation of such systems.

The informatics bachelor's degree program provides an option for students interested in a flexible program in applied information and computing technologies. The program provides skills in design and implementation of computer systems while offering opportunities for building applications used by people in many fields. Students learn to develop software for devices of all sizes, from supercomputers to cell phones and even smaller. The challenges of informatics include designing, developing and applying tools that model, aid or automate activities within science, engineering, business, geography, education and entertainment.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus or MAT 265 Calculus for Engineers I

Program Math Intensity: Moderate

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Robotics and Autonomous Systems (Artificial Intelligence), MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

The admission requirements for a Bachelor of Science in informatics are higher than minimum university admission requirements. Students should select a second major choice when applying for admission to a degree program in the Ira A. Fulton Schools of Engineering.

International students may have an additional English-language proficiency criterion. Foreign nationals must meet the same admission requirements shown below with the possible additional requirement of a minimum TOEFL score. If the university requires a TOEFL score from the applicant, (see <https://admission.asu.edu/international/undergrad-apply>) and admission to engineering requires a minimum TOEFL score of 550 (paper-based), 213 (computer-based), 79 on iBT (internet-based) or a minimum IELTS score of 6.5.

Freshman Admission:

- minimum 1210 SAT combined evidence-based reading and writing plus math score or minimum 24 ACT combined score or 3.00 minimum ABOR GPA or class ranking in top 25% of high school class, and
- A competency deficiency in either math or laboratory science is allowed. Competency deficiencies in both math and science are not allowed.

Transfer Admission Requirements:

Transfer students with fewer than 24 transferable college credit hours:

- Minimum transfer GPA of 3.00 for less than 24 transfer hours, and
- A competency deficiency in either math or laboratory science is allowed. Competency deficiencies in both math and science are not allowed, and
- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or 3.00 minimum ABOR GPA, or class ranking in top 25% of high school class.

Transfer students with more than 24 transferable college credit hours:

Primary Criteria

- Minimum transfer GPA of 3.00 for 24 or more transfer hours, and
- A competency deficiency in either math or laboratory science is allowed. Competency deficiencies in both math and science are not allowed (if Admission Services requires submission of a high school transcript).

Secondary Criteria

- Minimum transfer GPA of 2.75 for 24 or more transfer hours, and
- Minimum GPA of 2.75 in all critical courses for Terms 1 and 2 (see major map for critical courses)

Change of Major Requirements:

Admission requirements for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards: <https://engineering.asu.edu/admission-requirements/> (<https://engineering.asu.edu/admission-requirements/>).

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESCPIBS~null + &college=CES>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Informatics careers center on solving problems through the design and creation of information systems, user interfaces, mobile technologies and social media.

Graduates have the ability to develop future information technology solutions that place a strong emphasis on user needs and provide the ability to adapt and change dynamically with society's needs. This makes the informatician a strong candidate for jobs in:

- management consulting firms
- technology research centers
- technology startups

Additionally, the program prepares students for graduate programs that offer an emphasis in emerging technologies.

Contact Information:

Engineering, Ira A. Fulton Schools of

Computer Science and Engineering Program
<https://cidse.engineering.asu.edu/informatics/informatics-degree-requirements/>
CTRPT 105
cidse.undergrad@asu.edu
480-965-3199

Information Technology, BS (TSIFTBS)

Campus: Polytechnic, Online

Program Description:

Information technology is the business of the movement of data by retrieving, managing, securing and analyzing data sets. It is an embedded system used in our everyday lives that defines how humans interact on a daily basis. The field's fast pace of growth is a worldwide event, and it is in need of self-motivated, problem-solving individuals who are looking toward a career in the exciting world of information technology.

The BS degree program in information technology starts by introducing basic fundamentals that help lay the foundation of the information technology coursework. These fundamentals build toward a focus area that allow students to hone their skill set, preparing them for employment in the fast-paced environment that is information technology. This program has been designed with key-driven threads to incorporate emerging technologies that are utilized in real-world business models.

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Information Technology, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-information-technology/>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TSIFTBS-null + &college=CES>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

The exciting career path of an IT professional can place graduates in positions around the world, in any industry. Such industries include:

- biomedical
- construction
- defense
- educational
- entertainment
- geospatial
- informatics
- sports
- sustainable environments

Contact Information:

Engineering, Ira A. Fulton Schools of
Information Technology
<https://poly.engineering.asu.edu/it/>
WANER 201
polyadvising@asu.edu
480-727-1874

Manufacturing Engineering, BS (TSMEGRBS)

Campus: Polytechnic

Program Description:

Successful manufacturing enterprises balance design, sustainability and quality with production to prosper in the global marketplace. Manufacturing engineering combines manufacturing processes (e.g., how materials are altered in either shape or properties) and the processes of manufacturing (e.g., design and management of manufacturing systems).

The BS program in manufacturing engineering prepares students to analyze, synthesize and control manufacturing operations using statistical methods; collaborate across disciplines to design and build solutions to real-world problems; design innovative products and the equipment, tooling and environments necessary for their manufacture; model, simulate and analyze manufacturing production processes for both small- and large-scale environments; and provide technological leadership.

The curriculum is project-based, hands-on, teamwork-oriented and delivered in outstanding fabrication facilities. Graduates of this program become key team members who create and implement processes for making such varied products as airplanes, surgical instrument, toys and foodstuffs.

Accredited by the Engineering Accreditation Commission of ABET; <http://www.abet.org> (<http://www.abet.org>).

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 265 - Calculus for Engineers I

Program Math Intensity: Substantial

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Engineering, MS
- Manufacturing Engineering, MS
- Robotics and Autonomous Systems (Systems Engineering), MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TSMEGRBS-null + &college=CES>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Engineers collaborate on transdisciplinary teams to design, manufacture and deliver innovative technological products and services.

The Bachelor of Science in Engineering program in manufacturing engineering enables students to develop sophisticated technical skills in tandem with the professional skills of communication, teamwork, and collaboration and the self-motivation and adaptability that many employers seek. Graduates are prepared to work in large corporations, government agencies, small businesses, as well as to go on to graduate school to pursue advanced degrees. The program's emphasis on open-ended design and project-based learning supports the development of entrepreneurial skills and attitudes, and some students start companies of their own.

Graduates typically work as manufacturing engineers in a variety of companies, large and small. They are often members of design and development teams, cooperating with other people within and outside of their company. Career employment opportunities include direct manufacturing support, manufacturing management, and quality control and assurance. Due to a strong, broad and practical engineering skill set, graduates are highly valuable in small or new startup companies. Program graduates are well-placed and command top salaries.

Contact Information:

Engineering, Ira A. Fulton Schools of

Engineering Programs

<https://poly.engineering.asu.edu/engineering/manufacturing-engineering/>

WANER 201

polyadvising@asu.edu

480-727-1874

Materials Science and Engineering, BSE (ESMSEBSE)

Campus: Tempe

Program Description:

Materials engineers are responsible for designing and developing advanced materials for a wide variety of engineering applications. Courses in the BSE program in materials science and engineering teach students about the design of materials and how to process them to improve their structure, properties and performance.

Materials engineers are in demand by almost every industry, from automotive to aerospace to biomaterials to nanotechnology.

Accredited by the Engineering Accreditation Commission of ABET, <https://www.abet.org> (<https://www.abet.org/>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 265 - Calculus for Engineers I

Program Math Intensity: Substantial

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Materials Science and Engineering, MS

Nanoscience, PSM

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

The admission standards for majors in the Ira A. Fulton Schools of Engineering are higher than minimum university standards. International students may have an additional English-language proficiency criterion. Foreign nationals must meet the same admission requirements shown below with the possible additional requirement of a minimum TOEFL score. If the university requires a TOEFL score from the applicant (see <https://admission.asu.edu/international/undergrad-apply> (<https://admission.asu.edu/international/undergrad-apply>)), then admission to engineering requires a minimum TOEFL score of 550 (paper-based), 213 (computer-based), 79 on iBT (internet-based) or a minimum IELTS score of 6.5.

Freshman Admission:

- minimum 1210 SAT combined evidence-based reading and writing plus math score or minimum 24 ACT combined score or 3.00 minimum ABOR GPA or class ranking in top 25% of high school class, and
- no high school math or science competency deficiencies

Transfer Admission Requirements:

Transfer students with fewer than 24 transferable college credit hours:

- minimum transfer GPA of 3.00 for less than 24 transfer hours, and
- no high school math or science competency deficiencies, and
- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or 3.00 minimum ABOR GPA, or class ranking in top 25% of high school class

Transfer students with 24 or more transferable college credit hours must meet EITHER the primary OR the secondary criteria (not both):

Primary Criteria

- minimum transfer GPA of 3.00 for 24 or more transfer hours, and
- no high school math or science competency deficiencies (if Admission Services requires submission of a high school transcript)

Secondary Criteria

- minimum transfer GPA of 2.75 for 24 or more transfer hours, and
- minimum GPA of 2.75 in all critical courses for Terms 1 and 2 (see major map for critical courses)

Change of Major Requirements:

Admission requirements for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards:

<https://engineering.asu.edu/admission-requirements> (<https://engineering.asu.edu/admission-requirements>).

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESMSEBSE~null + &college=CES>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Materials engineers are in demand in a wide range of industries and professions, including:

- aerospace
- automotive
- computer
- electronics
- energy
- health care
- microelectronics
- nanotechnology
- robotics
- telecommunications

The career paths in these industries offer opportunities to impact technological advances through working in a team environment with engineers from the chemical, electrical, mechanical, aerospace and other engineering disciplines.

Contact Information:

Engineering, Ira A. Fulton Schools of

Materials Science and Engineering Program

<https://semte.engineering.asu.edu/materials-science-and-engineering-bse/>

ECG 202

semte@asu.edu

480-965-2335

Mechanical Engineering, BSE (ESMAEMBSE)

Campus: Tempe

Program Description:

Mechanical engineering is a creative, diverse discipline. Mechanical engineers design, build and control the devices, machines, processes and systems that are the mainstay of modern industrialized society.

Students are prepared for a career in mechanical engineering through a curriculum that includes the study of the principles governing energy transfer, mechanical design, sensors and control devices, and the application of these principles to the creative solution of practical modern problems.

Accredited by the Engineering Accreditation Commission of ABET, <http://www.abet.org> (<http://www.abet.org>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 265 - Calculus for Engineers I

Program Math Intensity: Substantial

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Aerospace Engineering, MS

Materials Science and Engineering, MS

Mechanical Engineering, MS

Robotics and Autonomous Systems (Mechanical and Aerospace Engineering), MS

Solar Energy Engineering and Commercialization, PSM

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

The admission standards for majors in the Ira A. Fulton Schools of Engineering are higher than minimum university admission standards. International students may have an additional English-language proficiency criterion. Foreign nationals must meet the same admission requirements shown below with the possible additional requirement of a minimum TOEFL score. If the university requires a TOEFL score from the applicant, (see <https://admission.asu.edu/international/undergrad-apply> (<https://admission.asu.edu/international/undergrad-apply>)) then admission to engineering requires a minimum TOEFL score of 550 (paper-based), 213 (computer-based), 79 on iBT (internet-based) or a minimum IELTS score of 6.5.

Freshman Admission:

- minimum 1210 SAT combined evidence-based reading and writing plus math score or minimum 24 ACT combined score or 3.00 minimum ABOR GPA or class ranking in top 25 percent of high school class, and
- no high school math or science competency deficiencies

Transfer Admission Requirements:

Transfer students with fewer than 24 transferable college credit hours:

- minimum transfer GPA of 3.00 for less than 24 transfer hours, and
- no high school math or science competency deficiencies, and
- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or 3.00 minimum ABOR GPA, or class ranking in top 25 percent of high school class

Transfer students with 24 or more transferable college credit hours must meet EITHER the primary or the secondary criteria (not both):

Primary Criteria

- minimum transfer GPA of 3.00 for 24 or more transfer hours, and
- no high school math or science competency deficiencies (if Admission Services requires submission of a high school transcript)

Secondary Criteria

- minimum transfer GPA of 2.75 for 24 or more transfer credit hours, and
- minimum GPA of 2.75 in all critical courses: MAE 201, MAE 202, MAE 213 and MAE 241

Change of Major Requirements:

Admission requirements for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards: <https://engineering.asu.edu/admission-requirements> (<https://engineering.asu.edu/admission-requirements>).

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESMAEMBSE-null + &college=CES>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

A major strength of a mechanical engineering education is the flexibility it provides in future employment opportunities for its graduates. Mechanical engineers are employed in virtually every kind of industry. They are involved in seeking new knowledge through research; generating creative design and development; and the production, control, management and sales of the devices and systems needed by society.

The BSE program in mechanical engineering has the following program educational objectives:

- Through volunteering, entrepreneurial endeavors, community service, their employment, etc., graduates of the mechanical engineering program will demonstrate commitment to the Sun Devil ideals of global engagement, social embeddedness, social transformation and sustainability.

Graduates of the mechanical engineering program should have attained one or more of the following objectives within a few years after completing

their degrees:

- employment in engineering or other fields in a position that capitalizes on the skills and abilities gained through the degree program in mechanical engineering (holding positions of increasing responsibility and leadership within their organizations)
- admission into a graduate degree program in mechanical engineering or other technical field.
- admission into a professional degree program, such as law, business or medicine, in accordance with the specific interests and abilities of the graduate

Contact Information:

Engineering, Ira A. Fulton Schools of
Mechanical and Aerospace Engineering Program
<https://semte.engineering.asu.edu/mechanical-engineering-bse/>
ECG 202
semte@asu.edu
480-965-2335

Mechanical Engineering (Computational Mechanics), BSE (ESMAECBSE)

Campus: Tempe

Program Description:

As mathematical and numerical modeling takes on a much larger role in product development, graduates who are highly skilled in computational and mathematical engineering will be in high demand. The concentration in computational mechanics under the BSE program in mechanical engineering is designed to teach students the modern computational tools available for solving large-scale and complex technical problems. The curriculum focuses on high-performance computing and the accurate modeling of large and small scale systems.

Accredited by the Engineering Accreditation Commission of ABET, <http://www.abet.org> (<http://www.abet.org>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 265 - Calculus for Engineers I

Program Math Intensity: Substantial

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Aerospace Engineering, MS
- Materials Science and Engineering, MS
- Mechanical Engineering, MS
- Solar Energy Engineering and Commercialization, PSM

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

The admission standards for majors in the Ira A. Fulton Schools of Engineering are higher than minimum university admission standards. International students may have an additional English-language proficiency criterion. Foreign nationals must meet the same admission requirements shown below with the possible additional requirement of a minimum TOEFL score. If the university requires a TOEFL score from the applicant, (see <https://admission.asu.edu/international/undergrad-apply>) then admission to engineering requires a minimum TOEFL score of 550 (paper-based), 213 (computer-based), 79 on iBT (internet-based) or a minimum IELTS score of 6.5.

Freshman Admission:

- minimum 1210 SAT combined evidence-based reading and writing plus math score or minimum 24 ACT combined score or 3.00 minimum ABOR GPA or class ranking in top 25% of high school class, and

- no high school math or science competency deficiencies

Transfer Admission Requirements:

Transfer students with fewer than 24 transferable college credit hours:

- minimum transfer GPA of 3.00 for less than 24 transfer hours, and
- no high school math or science competency deficiencies, and
- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or 3.00 minimum ABOR GPA, or class ranking in top 25% of high school class

Transfer students with 24 or more transferable college credit hours must meet EITHER the primary or the secondary criteria (not both):

Primary Criteria

- minimum transfer GPA of 3.00 for 24 or more transfer hours, and
- no high school math or science competency deficiencies (if Admission Services requires submission of a high school transcript)

Secondary Criteria

- minimum transfer GPA of 2.75 for 24 or more transfer credit hours, and
- minimum GPA of 2.75 in all critical courses: MAE 201, MAE 202, MAE 213 and MAE 241.

Change of Major Requirements:

Admission requirements for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards: <https://engineering.asu.edu/admission-requirements> (<https://engineering.asu.edu/admission-requirements>).

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESMAECBSE~null + &college=CES>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Mechanical engineers are employed in virtually every kind of industry. They are involved in seeking new knowledge through research; generating creative design and development; and the production, control, management and sales of the devices and systems needed by society. Therefore, a major strength of a mechanical engineering education is the flexibility it provides in future employment opportunities for its graduates.

The mechanical engineering program has the following program educational objectives:

- Through volunteering, entrepreneurial endeavors, community service, their employment, etc., graduates of the mechanical engineering program will demonstrate commitment to the Sun Devil ideals of global engagement, social embeddedness, social transformation and sustainability. Graduates of the mechanical engineering program should have attained one or more of the following objectives within a few years after completing their degrees:
- employment in engineering or other fields in a position that capitalizes on the skills and abilities gained through the degree program in mechanical engineering (holding positions of increasing responsibility and leadership within their organizations)
- admission into a graduate degree program in mechanical engineering or other technical field
- admission into a professional degree program, such as law, business or medicine, in accordance with the specific interests and abilities of the graduate

Contact Information:

Engineering, Ira A. Fulton Schools of
 Mechanical and Aerospace Engineering Program
<https://semte.engineering.asu.edu/mechanical-engineering-bse/>
 ECG 202
 semte@asu.edu

Mechanical Engineering (Energy and Environment), BSE (ESMAEEBSE)

Campus: Tempe

Program Description:

The concentration in energy and environment within the BSE in mechanical engineering is designed to prepare students to analyze technical problems in:

- air pollution
- climate change
- energy efficiency
- environmental sustainability
- renewable energy
- timely issues facing the global community

Although the primary focus of this program is technical, the general education courses in the areas of the humanities and social and behavioral sciences introduce students to the global, political and societal issues relating to energy and the environment. By focusing on issues such as air pollution, water scarcity and the lack of alternative transportation, this program is even more attractive for employers in the greater Phoenix area as well as nationwide.

Accredited by the Engineering Accreditation Commission of ABET, <http://www.abet.org> (<http://www.abet.org>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 265 - Calculus for Engineers I

Program Math Intensity: Substantial

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Aerospace Engineering, MS
- Materials Science and Engineering, MS
- Mechanical Engineering, MS
- Solar Energy Engineering and Commercialization, PSM

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

The admission standards for majors in the Ira A. Fulton Schools of Engineering are higher than minimum university admission standards.

International students may have an additional English-language proficiency criterion. Foreign nationals must meet the same admission requirements shown below with the possible additional requirement of a minimum TOEFL score. If the university requires a TOEFL score from the applicant (see <https://admission.asu.edu/international/undergrad-apply> (<https://admission.asu.edu/international/undergrad-apply>)), then admission to engineering requires a minimum TOEFL score of 550 (paper-based), 213 (computer-based), 79 on iBT (internet-based) or a minimum IELTS score of 6.5.

Freshman Admission:

- minimum 1210 SAT combined evidence-based reading and writing plus math score or minimum 24 ACT combined score or 3.00 minimum ABOR GPA or class ranking in top 25% of high school class, and
- no high school math or science competency deficiencies

Transfer Admission Requirements:

Transfer students with fewer than 24 transferable college credit hours:

- minimum transfer GPA of 3.00 for less than 24 transfer hours, and
- no high school math or science competency deficiencies, and
- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or 3.00 minimum ABOR GPA, or class ranking in top 25% of high school class

Transfer students with 24 or more transferable college credit hours must meet EITHER the primary or the secondary criteria (not both):

Primary Criteria

- minimum transfer GPA of 3.00 for 24 or more transfer hours, and
- no high school math or science competency deficiencies (if Admission Services requires submission of a high school transcript)

Secondary Criteria

- minimum transfer GPA of 2.75 for 24 or more transfer credit hours, and
- minimum GPA of 2.75 in all critical courses: MAE 201, MAE 202, MAE 213 and MAE 241.

Change of Major Requirements:

Admission requirements for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards: <https://engineering.asu.edu/admission-requirements> (<https://engineering.asu.edu/admission-requirements>).

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESMAEEBSE~null + &college=CES>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Mechanical engineers are employed in virtually every kind of industry. They are involved in generating creative design and development; seeking new knowledge through research; and the production, control, management and sales of the devices and systems needed by society.

Therefore, a major strength of a mechanical engineering education is the flexibility it provides in future employment opportunities for its graduates. Students completing this concentration have opportunities as environmental consultants; heating, ventilation and air-conditioning engineers; and power plant designers.

The mechanical engineering program has the following program educational objectives:

- Through volunteering, entrepreneurial endeavors, community service, their employment, etc., graduates of the mechanical engineering program will demonstrate commitment to the Sun Devil ideals of global engagement, social embeddedness, social transformation and sustainability. Graduates of the mechanical engineering program should have attained one or more of the following objectives within a few years after completing their degrees:
 - employment in engineering or other fields in a position that capitalizes on the skills and abilities gained through the degree program in mechanical engineering (holding positions of increasing responsibility and leadership within their organizations)
 - admission into a graduate degree program in mechanical engineering or other technical field.
 - admission into a professional degree program, such as law, business or medicine, in accordance with the specific interests and abilities of the graduate

Contact Information:

Engineering, Ira A. Fulton Schools of
 Mechanical and Aerospace Engineering Program
<https://semte.engineering.asu.edu/mechanical-engineering-bse/>
 ECG 202
 semte@asu.edu
 480-965-2335

Software Engineering, BS (TSSERBS)

Campus: Polytechnic, Online

Program Description:

The BS program in software engineering blends engineering, computing, project leadership and software construction.

Students learn how to make creative software solutions to today's problems. Software systems are complex, often including millions of lines of code. Graduates of the bachelor's degree program in software engineering possess the knowledge and skills of a defined engineering approach to complex systems analysis, planning, design and construction.

The program has a unique, project-driven curriculum, establishing a new model for software engineering education. The program is built around the concepts of engaged learning, discovery-based education and learn-by-doing. Students complete projects in every semester of the program to provide emphasis in communication, teamwork, critical thinking and professionalism. Students have flexibility in designing their course of study; they select technical electives from a pool of courses in different software engineering application areas such as Web and Mobile applications, Embedded systems, and other interdisciplinary areas.

Accredited by the Engineering Accreditation Commission of ABET, <http://www.abet.org> (<http://www.abet.org>).

The accelerated program is only allowed for the software engineering program on the Polytechnic campus.

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 265 - Calculus for Engineers I

Program Math Intensity: Substantial

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Robotics and Autonomous Systems (Artificial Intelligence), MS
- Software Engineering, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

The admission standards for majors in the Ira A. Fulton Schools of Engineering are higher than minimum university standards. International students may have an additional English-language proficiency criterion. Foreign nationals must meet the same admission requirements shown below with the possible additional requirement of a minimum TOEFL score. If the university requires a TOEFL score from the applicant (see <https://admission.asu.edu/international/undergrad-apply> (<https://admission.asu.edu/international/undergrad-apply>)), then admission to engineering requires a minimum TOEFL score of 550 (paper-based), 213 (computer-based), 79 on iBT (internet-based) or a minimum IELTS score of 6.5.

Freshman Admission:

- minimum 1210 SAT combined evidence-based reading and writing plus math score or minimum 24 ACT combined score or 3.00 minimum ABOR GPA or class ranking in top 25% of high school class, and
- Admission may be granted with one deficiency in no more than two competency areas: <https://admission.asu.edu/first-year/competency-requirements> (<https://admission.asu.edu/first-year/competency-requirements>). Deficiencies in both math and laboratory science are not acceptable.

Transfer Admission Requirements:

Transfer students with fewer than 24 transferable college credit hours:

- minimum transfer GPA of 2.75 for less than 24 transfer hours, and
- satisfy the freshmen admission requirements

Transfer students with more than 24 transferable college credit hours:

- minimum transfer GPA of 2.75 for 24 or more transfer hours, and
- If Admission Services requires submission of a high school transcript, admission may be granted with one deficiency in no more than two competency areas: <https://admission.asu.edu/first-year/competency-requirements> (<https://admission.asu.edu/first-year/competency-requirements>). Deficiencies in both math and laboratory science are not acceptable.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-software-engineering/>)

Change of Major Requirements:

Admission requirements for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards: <https://engineering.asu.edu/admission-requirements/> (<https://engineering.asu.edu/admission-requirements/>).

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TSSERBS~null + &college=CES>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Software engineers solve a broad set of transdisciplinary problems and apply new technologies to improve the quality of life.

The bachelor's degree program in software engineering is a unique program in which students learn by solving engaging projects, commonly as a member of a development team. The program prepares graduates for advanced study in computing, an allied field, or to enter the computing profession (most commonly as an application software engineer). Graduates design and engineer innovative systems that may include mechanical and electrical components that interact with software.

According to the Bureau of Labor Statistics, software engineers are highly paid and there is significant growth in the number of employment opportunities. Some software engineering jobs may include:

- creating applications for mobile devices
- creating web applications
- designing, creating and validating software for avionics, robotics and similar systems fields

Contact Information:

Engineering, Ira A. Fulton Schools of
Software Engineering
<https://cidse.engineering.asu.edu/software-engineering-bs/>
PICO 245
cidse.online@asu.edu
480-727-3520

Technological Entrepreneurship and Management, BS (TSTEM2BS)

Campus: Polytechnic, Online

Program Description:

The BS program in technological entrepreneurship and management advances the knowledge and practice of entrepreneurship and innovation. To enhance students' understanding of business fundamentals, the Fulton Schools of Engineering have partnered with the W. P. Carey School of Business to offer a degree that is jointly conferred by both colleges. The degree program prepares students to address social and corporate issues

to impact and change the world; create, launch and improve technology-based products, services and ventures; and identify and solve open-ended problems using engineering and technology approaches.

Students receive a foundation in both technology and business fundamentals, with an emphasis on technology entrepreneurship and innovation in one of two focus areas: innovation and operation management or social entrepreneurship.

The objectives for this degree program are that students demonstrate the ability to identify, analyze and synthesize information to address and solve use-inspired, open-ended problems, assessing their impact on social, cultural and economic environments; formulate methodologies to advance the knowledge of entrepreneurship and innovation; launch technology-based products and services from idea generation through actualization; use quantitative and qualitative methods to demonstrate continuous improvement of products, services and processes; and utilize a systems approach for the effective design and improvement of entrepreneurial and innovation ventures.

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Applied Leadership and Management, MALM

Global Management, MGM

Global Technology and Development, MS

Technology (Management of Technology), MSTech

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-technological-entrepreneurship-and-management/>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TSTEM2BS~null>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Small businesses and startups create the majority of new jobs in the U.S. while larger corporations seek individuals who can see the big picture and solve complex problems.

Students in the technological entrepreneurship and management program learn the range of skills needed to develop new products, services and business models as well as whole new industries.

The technological entrepreneurship and management program prepares students for a wide variety of career possibilities; some examples are technology-based entrepreneurship, product development, consulting, venture capital analysis, business development, market analysis and technology marketing.

Contact Information:

Business, W. P. Carey School of

Tech Entrepreneurship & Mgmt

<https://poly.engineering.asu.edu/tem/bs-technological-entrepreneurship-and-management/>

WANER 230

polyadvising@asu.edu

480-727-1874

Global Futures, College of

Innovation in Society, BA (FIFISBA)

Campus: Tempe

Program Description:

The BA in innovation in society equips students with the knowledge, tools and critical thinking skills to analyze how science and technology impact health, the economy, security, sustainability, privacy and well-being. Students learn to work collaboratively with scientists and engineers to design innovations that create better futures for people and communities around the globe.

This Bachelor of Arts degree is for students who want to play a pivotal role in bringing different disciplines together to solve the world's most difficult problems. Students learn to synthesize and apply insights from the social sciences, humanities, design, natural sciences and engineering so they can work to build better futures for everyone.

This interdisciplinary degree program prepares students for careers in public service, business, policy and academia.

Additional Program Fee: Y

Second Language Requirement: Yes

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Global Technology and Development, MS

Science and Technology Policy, MSTP

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer

Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=FIFISBA~null + &college=CGF>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Businesses, governments and nonprofits are all dealing with rapid advances in science and technology and need people who are equipped to understand what those changes mean for their goals and operations; people who can understand how innovation happens, who have the analytical skills to deal with complex challenges, and who can develop effective strategies and policies to guide change.

Graduates of this program have the skills to work in a variety of sectors providing problem-solving, analysis, quality assurance, future planning, technology assessment, and communication and facilitation on issues related to innovation in science and technology. Graduates are well prepared for careers in business and entrepreneurship, public service and policy; they are also prepared for further education in professional schools (such as law, MBA, policy and social work) and graduate research in a variety of disciplines.

Career examples include but are not limited to those shown in the following list. Advanced degrees or certifications may be required for academic or clinical positions.

Contact Information:

Global Futures, College of
School for the Future of Innovation in Society
<https://sfis.asu.edu/degree/innovation-society-0>
WGHL 108
sfisundergrad@asu.edu
480-727-6963

Innovation in Society, BS (FIFISBS)

Campus: Tempe

Program Description:

The BS in innovation in society equips students with the knowledge, tools and critical thinking skills to analyze how science and technology impact health, the economy, security, sustainability, privacy and well-being. Students learn to work collaboratively with scientists and engineers to design innovations that create better futures for people and communities around the globe.

This Bachelor of Science degree is for students who want to play a pivotal role in bringing different disciplines together to solve the world's most difficult problems. Students learn to synthesize and apply insights from the social sciences, humanities, design, natural sciences and engineering so they can work to build better futures for everyone.

This interdisciplinary degree program prepares students for careers in public service, business, policy and academia.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 170 - Precalculus

Program Math Intensity: Moderate

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Global Technology and Development, MS

Science and Technology Policy, MSTP

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercrreditguide/app/transfermap?major=FIFISBS~null + &college=CGF>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Businesses, governments and nonprofits are all dealing with rapid advances in science and technology and need people who are equipped to understand what those changes mean for their goals and operations; people who can understand how innovation happens, who have the analytical skills to deal with complex challenges, and who can develop effective strategies and policies to guide change.

Graduates of this program have the skills to work in a variety of sectors providing problem-solving, analysis, quality assurance, future planning, technology assessment, and communication and facilitation on issues related to innovation in science and technology. Graduates are well prepared for careers in business and entrepreneurship, public service and policy; they are also prepared for further education in professional schools (such as law, MBA, policy and social work) and graduate research in a variety of disciplines.

Career examples include but are not limited to those shown in the following list. Advanced degrees or certifications may be required for academic or clinical positions.

Contact Information:

Global Futures, College of
School for the Future of Innovation in Society
<https://sfis.asu.edu/degree/innovation-society>
WGHL 108
sfisundergrad@asu.edu
480-727-6963

Sustainability, BA (SUSUSTBA)

Campus: Polytechnic, Tempe, Online

Program Description:

Students in ASU's College of Global Futures are rethinking and reinventing the future of a world at risk. The school's programs encourage experiential learning, study abroad (<https://schoolofsustainability.asu.edu/student-life/study-abroad>), research with faculty (<https://schoolofsustainability.asu.edu/undergraduate-research>), community engagement and leadership development (<https://schoolofsustainability.asu.edu/student-life/campus-experience/student-sustainability-clubs-organizations/>). The knowledge and solutions that are created today will shape the social and environmental quality of life for future generations.

The School of Sustainability offers two degrees in sustainability: a BA and a BS. Both programs introduce students to the concept of sustainability in the context of real-world problems and focus on developing practical solutions to some of the most pressing environmental, economic and social challenges of sustainability. The curriculum trains students to approach challenges with consideration of complex adaptive systems and resilience; interconnections and cascading effects between scales; management of trade-offs; stakeholder engagement; future visioning and scenario typologies for transitioning social-ecological systems; and other cutting-edge frameworks.

The Bachelor of Arts is geared toward students interested in the social and human aspects of sustainability in global, regional and local contexts such as international environmental law, urban policy, etc. Students select from one of four Bachelor of Arts track options:

- international development and sustainability
- policy and governance in sustainable systems
- society and sustainability
- sustainable urban dynamics

Disciplinary perspectives included in the core courses of the degree tracks include anthropology, urban planning and design, environmental economics, ethics, geography, philosophy of science, political science, sociology and other disciplines relevant to the sustainability of environmental resources and social institutions.

Students in the School of Sustainability gain not only an understanding of the field of sustainability and strong problem-solving, systems-thinking, stakeholder engagement and future scenario-building skills, they also develop strength in a more traditional discipline of their choice (in addition to their track). Students apply the skills from their core Bachelor of Arts classes and knowledge from their track and related discipline courses in two required capstone experiences in the senior year.

Capstone requirements consist of an internship (<https://schoolofsustainability.asu.edu/student-life/sustainability-internships-opportunities> (<https://schoolofsustainability.asu.edu/student-life/sustainability-internships-opportunities/>)) with a sustainability-focused organization and either hands-on research (<https://schoolofsustainability.asu.edu/student-life/student-sustainability-research/>) (<https://schoolofsustainability.asu.edu/student-life/student-sustainability-research/>) or a workshop course in which students work together as a team to develop solutions to real sustainability problems. These workshops are great resume builders as they usually include real work for actual organizations such as city governments, sports organizations, nonprofits, local and global companies, local schools, and ASU facilities management and sustainability practices. Students also are offered workshops on making documentary films, redesigning buildings and downtown areas, and other engaging projects.

Students graduate with a portfolio of accomplishments and skills. They also have the opportunity to participate in study abroad programs, student organizations and professional development workshops.

Additional Program Fee: Y

Second Language Requirement: Yes

First Required Math Course: SOS 101 - Intro Appl Math Life & Soc Sci

Program Math Intensity: Moderate

Concurrent Degrees:

This degree is also offered as concurrent degree program with Supply Chain Management, BS

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Global Management, MGM

Sustainability Solutions, MSUS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Freshman admission requirements for this program are the same as the university's freshman admission requirements.

Transfer Admission Requirements:

Transfer students (those with 12 or more transfer credit hours after high school graduation) are required to have a cumulative transfer GPA of 3.00 or higher. The School of Sustainability reviews transfer applications that fall below this GPA level on an individual basis.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-sustainability/>)

Change of Major Requirements:

ASU students who would like to change their major to sustainability are required to have a minimum cumulative ASU GPA of 3.00 (based on at least 12 credit hours of ASU coursework).

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercrreditguide/app/transfermap?major=SUSUSTBA-null + &college=CGF>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

In addition to going on to graduate school, graduates of the program are qualified for well-paying positions in:

- consultancy
- government
- intergovernmental organizations
- international development
- management
- municipalities
- nongovernmental organizations
- nonprofits
- policy-making enterprises
- regulatory agencies
- utilities

Recent interest in sustainability within business and government has created new employment opportunities (e.g., sustainability coordinators, directors and managers). Of undergraduate alumni who have shared their experiences with the school (<https://schoolofsustainability.asu.edu/careers/employment-data> (<https://schoolofsustainability.asu.edu/careers/employment-data/>)), 95% are either employed in sectors such as those listed above or have gone on to a graduate program. Of those employed, 72% have jobs directly related to sustainability.

Those with a BA in sustainability offer employers and graduate programs an integrated approach to developing solutions to sustainability challenges. They understand the complexity of systems, have engaged in a range of knowledge and experience from different disciplinary perspectives, and understand the importance of planning for the future and how to engage stakeholders in that process. Graduates of the program are adaptable and prepared for a changing world.

Contact Information:

Global Futures, College of
School of Sustainability

<https://schoolofsustainability.asu.edu/degrees-and-programs/undergraduate-degree-programs/bachelor-arts/WGHL-108>

schoolofsustainability@asu.edu
480-727-6963

Sustainability, BS (SUSUSTBS)

Campus: Polytechnic, Tempe, Online

Program Description:

Students in ASU's College of Global Futures are rethinking and reinventing the future of a world at risk. The school's programs encourage experiential learning, study abroad (<https://schoolofsustainability.asu.edu/student-life/study-abroad> (<https://schoolofsustainability.asu.edu/student-life/study-abroad/>)), research with faculty (<https://schoolofsustainability.asu.edu/undergraduate-research> (<https://schoolofsustainability.asu.edu/undergraduate-research/>)), community engagement and leadership development (<https://schoolofsustainability.asu.edu/student-life/campus-experience/student-sustainability-clubs-organizations/> (<https://schoolofsustainability.asu.edu/student-life/campus-experience/student-sustainability-clubs-organizations/>)). The knowledge and solutions that are created today will shape the social and environmental quality of life for future generations.

The School of Sustainability offers two degrees in sustainability: a BA and a BS. Both programs introduce students to the concept of sustainability in the context of real-world problems and focus on developing practical solutions to some of the most pressing environmental, economic and social challenges of sustainability. The curriculum trains students to approach challenges with consideration of complex adaptive systems and resilience; interconnections and cascading effects between scales; management of trade-offs; stakeholder engagement; future visioning and scenario typologies for transitioning social-ecological systems; and other cutting-edge frameworks.

The Bachelor of Science is geared toward students interested in the more quantitative aspects of sustainability, such as energy, economics and ecology. Students select from one of three Bachelor of Science track options:

- economics of sustainability
- sustainable ecosystems
- sustainable energy, materials and technology

Disciplinary perspectives included in the core courses of the degree tracks include ecology, engineering, environmental economics, environmental science, conservation biology, hydrology, physical geography, earth-systems management and other disciplines relevant to the sustainability of environmental resources and social institutions.

Students in the School of Sustainability not only gain an understanding of the field of sustainability and strong problem-solving, systems-thinking, stakeholder engagement and future scenario-building skills, they also develop strength in a more traditional discipline of their choice, in addition to their track. Students apply the skills from their core Bachelor of Science classes and knowledge from their track and related discipline courses in two required capstone experiences in the senior year.

Capstone requirements consist of an internship (<https://schoolofsustainability.asu.edu/student-life/sustainability-internships-opportunities/> (<https://schoolofsustainability.asu.edu/student-life/sustainability-internships-opportunities/>)) with a sustainability-focused organization and either hands-on research (<https://schoolofsustainability.asu.edu/student-life/student-sustainability-research/> (<https://schoolofsustainability.asu.edu/student-life/student-sustainability-research/>)) or a workshop course in which students work together as a team to develop solutions to real sustainability problems. These workshops are great resume builders as they usually include real work for actual organizations such as city governments, sports organizations, nonprofits, local and global companies, local schools, and ASU facilities management and ASU sustainability practices. Students also are offered workshops on making documentary films, redesigning buildings and downtown areas, and other engaging projects.

Students graduate with a portfolio of accomplishments and skills. They also have the opportunity to participate in study abroad programs, student organizations and professional development workshops.

Additional Program Fee: Y

Second Language Requirement: Yes

First Required Math Course: SOS 101 - Intro Appl Math Life & Soc Sci

Program Math Intensity: Moderate

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Global Management, MGM
- Sustainability Solutions, MSUS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Freshman admission requirements for this program are the same as the university's freshman admission requirements.

Transfer Admission Requirements:

Transfer students (those with 12 or more transfer credit hours after high school graduation) are required to have a cumulative transfer GPA of 3.00 or higher. The School of Sustainability will review transfer applications that fall below this GPA level on an individual basis.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-sustainability/>)

Change of Major Requirements:

ASU students who would like to change their major to sustainability are required to have a minimum cumulative ASU GPA of 3.00 (based on at least 12 credit hours of ASU coursework).

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=SUSUSTBS~null + &college=CGF>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

In addition to going on to graduate school, graduates of the program are qualified for well-paying positions in:

- consultancy
- energy management
- government
- intergovernmental organizations
- international development
- management
- municipalities
- natural resource management
- nongovernmental organizations
- nonprofits
- policy-making enterprises
- regulatory agencies
- utilities
- waste management
- water management

Recent interest in sustainability within business and government has created new employment opportunities (e.g., sustainability coordinators, directors and managers). Of undergraduate alumni who have shared their experiences with the school (<https://schoolofsustainability.asu.edu/careers/employment-data> (<https://schoolofsustainability.asu.edu/careers/employment-data/>)), 95% are either employed in sectors such as those listed above or have gone on to a graduate program. Of those employed, 72% have jobs directly related to sustainability.

Those with a Bachelor of Science in sustainability offer employers and graduate programs an integrated approach to developing solutions to sustainability challenges. They understand the complexity of systems, have engaged in a range of knowledge and experience from different disciplinary perspectives, and understand the importance of planning for the future and how to engage stakeholders in that process. Graduates of the program are adaptable and prepared for a changing world.

Contact Information:

Global Futures, College of
School of Sustainability

[https://schoolofsustainability.asu.edu/degrees-and-programs/undergraduate-degree-programs/bachelor-science/WGHL 108](https://schoolofsustainability.asu.edu/degrees-and-programs/undergraduate-degree-programs/bachelor-science/WGHL%20108)

schoolofsustainability@asu.edu
480-727-6963

Sustainable Food Systems, BS (SUSFOSYSBS)

Campus: Downtown Phoenix, Polytechnic, Tempe, Online

Program Description:

The BS program in sustainable food systems trains students to understand food-related challenges using a food systems lens which encompasses the many aspects of food and agriculture within an integrated social and environmental context. This lens empowers students to grapple with real-life complexities and become effective agents of change.

Coursework covers a wide range of topics from nutrition science to agricultural production, economics, social justice and more. Students are engaged in an active community collectively working to achieve the 2030 United Nations Sustainable Development Goals. Beyond the core subject matter and skills courses, the degree requirements include an internship, a chosen focus area and a culminating project-based course, all of which provide students in-depth knowledge of a food-related subfield and ample preparation for exciting careers.

Additional Program Fee: Y

Second Language Requirement: Y

First Required Math Course: SOS 101 - Intro Appl Math Life & Soc Sci
Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Admission Requirements:

Transfer students (those with 12 or more transfer credit hours after high school graduation) are required to have a cumulative transfer GPA of 3.00 or higher. The School of Sustainability will review transfer applications that fall below this GPA level on an individual basis.

Students with more than 45 transfer credit hours who are not admissible to the School of Sustainability or the second major choice will be contacted to select an appropriate major.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/sustainable-food-systems/>)

Change of Major Requirements:

ASU students who would like to change their major to sustainable food systems are required to have a minimum cumulative ASU GPA of 3.00 (based on at least 12 credit hours of ASU coursework).

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=SUSFOSYSBS~null + &college=CGF>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates have gained a broad understanding of sustainable food systems and are trained to pursue multiple career pathways related to food. Students are encouraged to select electives that build upon core sustainable food systems coursework and ready them for career opportunities such as managing natural resources for food production; public policy, governance and grassroots organizing; food literacy; sustainable food procurement; agricultural development, poverty alleviation and emerging markets; improved public health through food; or food entrepreneurship and innovation, marketing and agribusiness.

From the School of Sustainability's 2019 alumni employment survey, 95% of sustainability undergraduates are either employed or have gone on to a graduate program. Of those employed, 72% have jobs directly related to sustainability. Because the sustainable food systems program just launched Fall 2019, the school currently does not have alumni employment data for this specific degree.

Contact Information:

Global Futures, College of
School of Sustainability
<https://schoolofsustainability.asu.edu/>
WGHL 108
schoolofsustainability@asu.edu
480-727-6963

Global Management, Thunderbird School of

Global Management, BGM (TBTGMBGM)

Campus: West, Online

Program Description:

The BGM degree program draws on Thunderbird School of Global Management's expertise in global management practices and intercultural communication training to provide students with a highly specialized global business education.

The Bachelor of Global Management program prepares students to take on leadership roles in multinational corporations, government agencies or nongovernmental organizations. Thunderbird's elite faculty and strong relationships with global organizations allow students to develop and hone the skills needed to thrive as leaders in today's globally connected economy. Students gain experience and develop skills that international employers, governments and nongovernmental entities value highly in employees.

The program offers two tracks: the international business, language and culture track in which two years of foreign language is required; and the international business and culture track in which there is no foreign language requirement but there is more emphasis on management-related courses. Students who select the foreign language track may complete coursework in Mandarin or Spanish. Speakers of English as a second language may choose the international business and culture track or choose a third language within the international business, language and culture track. The international business, language and culture track is offered to on-campus students only. Online students may pursue only the international business and culture track.

Students have the opportunity to put the skills they have learned into practice in real-world settings through a required internship. Although students are strongly encouraged to pursue international internships, students may also satisfy this requirement by doing a local internship with an international orientation. Students also complete a senior capstone project which draws upon the unique skills they have developed throughout the program. The internship and the capstone project allow students to demonstrate their skills and work experience for potential employers as part of their professional development plan.

This program is unique as it allows students to explore the politics and economics of different countries around the world and apply learned skills during a local, national or international internship. This program provides global career opportunities around the world, global courses taught by outstanding Thunderbird graduate school faculty, and preparation for students to thrive in today's globally connected economy. Students engage in global programming with multinational companies and global organizations, and showcase specialized cross-cultural leadership skills through a senior capstone project.

Thunderbird School of Global Management has produced unique leaders for more than 70 years, leaders in every sector capable of tackling the world's greatest challenges. The alumni network comprises 45,000 graduates and 170 chapters around the globe.

Additional Program Fee: Y**Second Language Requirement:** Yes**First Required Math Course:** MAT 210 - Brief Calculus**Program Math Intensity:** Moderate**Accelerated Degree Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Global Management (Creative Industries and Design Thinking), MGM
- Global Management (Digital Audience Strategy), MGM
- Global Management (Global Affairs), MGM
- Global Management (Global Business), MGM
- Global Management (Global Development and Innovation), MGM
- Global Management (Global Digital Transformation), MGM
- Global Management (Global Entrepreneurship), MGM
- Global Management (Global Health Care Delivery), MGM
- Global Management (Global Legal Studies), MGM
- Global Management (Integrated Health Care), MGM
- Global Management (Nonprofit Leadership and Management), MGM
- Global Management (Public Administration), MGM
- Global Management (Public Policy), MGM
- Global Management (Sustainability Solutions), MGM
- Global Management (Sustainable Tourism), MGM
- Global Management, MGM
- Technology (Management of Technology), MSTech

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)
Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)
International (<https://students.asu.edu/international/future>)
Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/global-management-bgm/>)

Change of Major Requirements:

Current ASU students who would like to change their major to global management must have a minimum cumulative GPA of 2.00.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TBTGMBGM~null + &college=CTB>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

As the global economy continues to expand and interconnect, demand for globally minded specialists is rapidly increasing. Graduates of the Bachelor of Global Management program have a variety of globally transferable skills that open doors to an abundance of career opportunities around the world in the following fields:

- accounting
- finance
- government
- human resources
- international business
- marketing
- nonprofits
- trade

Contact Information:

Global Management, Thunderbird School of
Thunderbird School of Global Management
<https://thunderbird.asu.edu/degrees/undergraduate/bachelor-global-management>
FAB N280
UGAdvising@thunderbird.asu.edu
602-543-0029

International Trade, BS (TBINTRABS)

Campus: West, Online

Program Description:

The BS program in international trade provides rigorous training for a career in global commerce. Students learn the functional disciplines of international business while gaining an in-depth understanding of the political, cultural and economic aspects of doing business on a global scale and in international markets.

Supported by Thunderbird's emphasis on a global mindset, students gain tools for managing supply chains, systematically assessing risk, exporting and importing goods and services, and using economic agreements to develop effective strategies for conducting international trade.

This program is unique as it allows students to learn new skills needed for a career in international trade through rigorous, hands-on training and to apply these skills during a local, national or international internship. The program provides global career opportunities, courses taught by outstanding Thunderbird graduate-school faculty, and an in-depth understanding of the political, cultural and economic aspects of regional business.

Graduates of this program possess the intercultural skills and global mindset needed to do business or take on a leadership role in any part of the

world and learn to develop effective strategies for international trade and exporting goods and services.

Thunderbird students become a part of a renowned global network of Thunderbird alumni working in all parts of the world, in all industries and sectors.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Concurrent Degrees:

This degree is also offered as concurrent degree program with Business (Global Logistics Management), BA

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Global Management (Creative Industries and Design Thinking), MGM
- Global Management (Digital Audience Strategy), MGM
- Global Management (Global Affairs), MGM
- Global Management (Global Business), MGM
- Global Management (Global Development and Innovation), MGM
- Global Management (Global Digital Transformation), MGM
- Global Management (Global Entrepreneurship), MGM
- Global Management (Global Health Care Delivery), MGM
- Global Management (Global Legal Studies), MGM
- Global Management (Integrated Health Care), MGM
- Global Management (Nonprofit Leadership and Management), MGM
- Global Management (Public Administration), MGM
- Global Management (Public Policy), MGM
- Global Management (Sustainability Solutions), MGM
- Global Management (Sustainable Tourism), MGM
- Global Management, MGM
- Technology (Management of Technology), MSTech

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Concurrent degree admission requirements:

Students interested in the international trade and business (global logistics management) program must meet general university admission requirements.

Transfer students wishing to pursue the concurrent degree combination must have a 3.00 cumulative transfer GPA and a 3.00 cumulative ASU GPA (if applicable) in addition to meeting the general admission requirements in order to be admitted to this program. If the student does not meet the admission requirements for the concurrent program, they will be placed in the BS in international trade.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/international-trade-bs/>)

Change of Major Requirements:

Current ASU students who would like to change their major to international trade must have a minimum cumulative GPA of 2.00.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transferecreditguide/app/transfermap?major=TBINTRABS-null + &college=CTB>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

In the increasingly globalized economy, the dramatic expansion of international trade has created tremendous opportunities for global business. Thunderbird's BS in international trade prepares students for a career in this growing field, one in which skilled managers are in demand around the world. Thunderbird's rigorous curriculum and renowned faculty prepare students for a leadership position in a wide range of career fields.

Students in this program master a repertoire of globally transferable skills that open doors to an abundance of opportunities around the world such as:

- commodities broker
- country manager
- import and export agent
- international business development manager
- international market analyst
- international marketing manager
- international product or brand manager
- regional manager

Contact Information:

Global Management, Thunderbird School of
Thunderbird School of Global Management
<https://thunderbird.asu.edu/degrees/undergraduate/bachelor-science-international-trade>
FAB N280
UGAdvising@thunderbird.asu.edu
602-543-3000

Health Solutions, College of

Applied Science (Food and Nutrition Entrepreneurship), BAS (ECNTRBAS)

Campus: Downtown Phoenix, Online

This program's name has changed, effective Fall 2020. The previous name was Applied Science (Food Service Management).

Program Description:

The BAS degree program with a concentration in food and nutrition entrepreneurship is designed to complement and enhance the educational preparation of students holding an AAS degree in culinary or hospitality science.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements: Students applying to this program must have completed an Associate of Applied Science degree. This program is not available for freshmen.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/applied-science-nutrition/>)

Change of Major Requirements:

Only students who have completed an Associate of Applied Science degree are eligible to declare Bachelor of Applied Science majors at ASU.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ECNTRBAS~null + &college=CHL>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

This degree program prepares students for careers in food production, service, management and marketing. With additional education or professional training, students may also become credentialed as:

- certified dietary managers
- registered sanitarians
- school food service and nutrition specialists

Contact Information:

Health Solutions, College of
College of Health Solutions
<https://chs.asu.edu/home>
HLTHN 401AA
chs@asu.edu
602-496-3300

Applied Science (Health Sciences), BAS (NUHSCBAS)

Campus: Downtown Phoenix, Polytechnic, West, ASU@Yavapai, Online

Program Description:

The BAS program with a concentration in health sciences is designed specifically for students who have earned an AAS degree from a regionally accredited institution. In completing the bachelor's degree program, students complete all ASU graduation requirements.

This is an undergraduate degree program designed for students entering the health and health care workforce at a variety of levels. The Bachelor of Applied Science degree program allows students who have an applicable Associate of Applied Science degree from an accredited institution to transfer 60 credit hours toward a bachelor's degree at ASU. Students pursuing this degree may have more than 60 credit hours to complete in order to obtain their Bachelor of Applied Science upon transfer to ASU.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements: Students applying to this program must have completed an Associate of Applied Science degree. This program is not available for freshmen.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-applied-science-health-sciences/>)

Change of Major Requirements:

Only students who have earned a Associate of Applied Science are eligible to change their majors to this degree program.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=NUHSCBAS-null + &college=CHL>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates will be able to return to their original area of expertise in allied health (i.e., radiology, nuclear imaging) and qualify for a managerial position, be an educator or instructor within their field of expertise, or qualify for a higher-grade position within their current place of employment.

Other career options include positions such as:

- elder services program coordinator
- health and patient educator
- health maintenance organization or insurance company client coach
- Healthy Start coordinator
- home health care coordinator
- long-term care health and wellness coordinator
- school health and program specialist
- women, infants, children and community nutrition aide

Contact Information:

Health Solutions, College of
College of Health Solutions
<https://chs.asu.edu/programs/applied-science-health-sciences>
HLTHN 401AA
chs@asu.edu
602-496-3300

Applied Science (Medical Laboratory Science), BAS (NUMLSBAS)

Campus: Downtown Phoenix

Program Description:

The BAS in medical laboratory sciences is designed to provide the academic knowledge and professional skills that allow students to advance their employment opportunities within the fields of medical technology, cytology, clinical laboratory science and related areas.

Medical laboratory scientists, also known as clinical laboratory scientists, are highly skilled professionals who perform analytical tests on blood, tissue and body fluids to provide laboratory information for the detection, diagnosis and treatment of human diseases. There also is a growing trend for medical laboratory scientists to perform wellness laboratory testing aimed at preventing disease. These professionals work independently using skills and knowledge that are greater in depth and breadth compared to those of medical laboratory technicians, who typically are graduates of a two-year or community college program.

The program is accredited by the National Accrediting Agency for Clinical Laboratory Science, 5600 N. River Rd, Suite 720, Rosemont, IL, 60018, <https://www.naacls.org/> (<https://www.naacls.org/>).

Additional program information including the program handbook and course guide can be found on the program website at <https://chs.asu.edu/programs/applied-science-medical-laboratory-science> (<https://chs.asu.edu/programs/applied-science-medical-laboratory-science>).

Additional Program Fee: Y

Second Language Requirement: N**First Required Math Course:** MAT 142 - College Mathematics**Program Math Intensity:** General**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)International (<https://students.asu.edu/international/future>)Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Only students who have been admitted through Phoenix College and who have completed the prerequisite coursework, verified by the program director or program advisor, are eligible to apply to this program. The following requirements are a part of the application process and are included in the separate program application, released to those who are considered eligible during a specified application cycle:

- Gain admission to Phoenix College.

Complete the program application, which should include:

- student information
- coursework
- immunizations
- basic life support or CPR
- fingerprint clearance card
- health declaration
- experience in medical laboratory sciences
- employment observation verification
- references
- Review and sign the checklist.

Submit the materials to:

CHS Student Services

Mail Code 9020 ATTN: MDL Program

Arizona State University

500 N 3rd St

Phoenix AZ 85004

- Apply to Arizona State University.

Change of Major Requirements:

Only students who have completed an Associate of Applied Science degree are eligible to declare a Bachelor of Applied Science major at ASU.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=NUMLSBAS~null + &college=CHL>) to outline a list of

recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

The Bureau of Labor Statistics reports that overall employment of medical laboratory scientists is projected to grow 11% from 2018 to 2028. This is much faster than the average of most occupations. As the population ages, there will be more demand for trained laboratory personnel to aid in the diagnosis of disease and to help manage medical conditions. The majority of medical laboratory scientists and technologists work in hospital laboratories and major reference laboratories.

Contact Information:

Health Solutions, College of
College of Health Solutions
<https://chs.asu.edu/programs/applied-science-medical-laboratory-science>
HLTHN 401AA
chs@asu.edu
602-496-3300

Biomedical Informatics, BS (ESBMIBS)

Campus: Tempe

Program Description:

Biomedical informatics is a multidisciplinary field that involves the understanding of information sciences and technology and their application to the fields of biomedical science, clinical imaging, health care practice and population health.

The BMI curriculum includes biomedical informatics, computer science, biology, chemistry, mathematics and statistics. Students learn approaches to analyzing data, modeling knowledge and using these capabilities to address problems in the biomedical and health domains. Students have the opportunity to do research alongside world-renowned faculty who are experts in bioinformatics, imaging informatics, clinical informatics and population health informatics.

Graduates of the program have a broad set of informatics knowledge and skills that will enable them to contribute to many areas of health and biomedicine in their future work.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 251 - Calculus for Life Sciences

Program Math Intensity: Moderate

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Biomedical Informatics, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESBMIBS~null + &college=CHL>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates with a degree in the rapidly expanding field of biomedical informatics are prepared for careers in a wide range of health care settings. They are employed in positions such as data science analysts, bioinformaticians, software engineers, public health informatics scientists and PhD students, among others. Those with interests in life sciences and technology may see this program as a unique way to combine the two. Others may find this degree the first step toward medical school or advanced medical research or to continued graduate-level study in biomedical informatics.

Contact Information:

Health Solutions, College of
College of Health Solutions
<https://chs.asu.edu/about/academic-program-areas/biomedical-informatics-biomedical-diagnostics>
COOR 2nd floor
chs@asu.edu
480-965-2374

Dietetics, BS (NHDIETCSBS)

Campus: Downtown Phoenix

Program Description:

The BS program in dietetics prepares students, using required coursework, to obtain the skill set needed for a dietetic internship, which is required for all who sit for the registration exam to become a registered dietitian --- a food and nutrition expert. In addition to a core of professional nutrition courses, students complete a broad range of science, management and communication classes. The dietetics program emphasizes the application of nutrition within clinical, community, food production and wellness areas.

More information about this credential and the requirements for this credential can be found at <https://www.eatrightpro.org/about-us/become-an-rdn-or-dtr/dietetic-careers> (<https://www.eatrightpro.org/about-us/become-an-rdn-or-dtr/dietetic-careers>).

ASU's bachelor's degree program in dietetics is accredited as a Didactic Program in Dietetics by the Accreditation Council for Education in Nutrition and Dietetics, 120 S. Riverside Plz., Ste. 2190, Chicago IL 60606-6995; phone: 800-877-1600, ext. 5400.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 117 - College Algebra

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (<https://students.asu.edu/freshman/requirements>)
Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)
International (<https://students.asu.edu/international/future>)
Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=NHDIETCSBS~null + &college=CHL>) to outline a list of

recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

The nutrition and dietetics field provides employment opportunities in fields such as:

- consulting
- education
- food and nutrition marketing and sales
- nutrition and health promotion
- school food service

Graduates may find opportunities in environments such as hospitals and other health care facilities or public health agencies.

Career examples include those shown in the following list. Advanced degrees or certifications may be required for academic or clinical positions.

- Certified Health Education Specialist (CHES)
- Nutritionist
- Registered Dietitian (RD/RDN)
- School Nutrition Specialist (SNS)

Contact Information:

Health Solutions, College of
College of Health Solutions
<https://chs.asu.edu/programs/nutrition-dietetics>
HLTHN, 4th floor
chs@asu.edu
602-496-3300

Exercise and Wellness, BS (ECEXERBS)

Campus: Downtown Phoenix

Program Description:

The BS degree program in exercise and wellness prepares students to become competent professionals who promote, design and deliver evidence-based exercise programs to improve clinical outcomes and the quality of life for clients with chronic cardiovascular, pulmonary, metabolic or neuromuscular conditions and those with developmental or physical disabilities.

Students are educated to conduct appropriate pre-exercise screening evaluations and functional assessments and to deliver evidence-based physical activity or exercise prescriptions to clients or referred patients with or without symptomatic conditions. Students are instructed on how to engage clients in programs to make a meaningful impact on their health.

Graduates have the scientific and applied knowledge necessary for passing the NCCA-accredited certifications related to exercise physiology and pursue Level 2 Exercise Is Medicine credentialing by the American College of Sports Medicine.

Graduates may work in clinical, corporate and private industries.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 170 - Precalculus

Program Math Intensity: Moderate

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Clinical Exercise Physiology, MS

Exercise and Wellness, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ECEXERBS~null + &college=CHL>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates of this program may pursue employment in locations such as:

- adaptive fitness centers
- cardiac rehabilitation facilities
- health care systems and medical centers
- lifestyle and weight management consulting firms
- nonprofit disease prevention agencies (e.g., American Heart Association)
- outpatient fitness centers
- university fitness and wellness centers

Specialty areas may include:

- bariatric weight loss clinic counseling and management
- cancer patient exercise specialist
- corporate fitness and worksite wellness

Possible careers titles may include the following:

- adaptive exercise specialist
- cardiac rehabilitation*
- clinical exercise specialist
- exercise physiologist
- fitness center director
- group exercise specialist
- occupational therapist*
- personal training
- recreational therapist*
- worksite wellness coordinator

*Advanced degrees or certifications may be required for academic or clinical positions.

Students are well-prepared for admission into graduate programs in clinical exercise physiology, obesity prevention and management, rehabilitative fields (e.g., occupational therapy) and medicine.

Contact Information:

Health Solutions, College of
College of Health Solutions
<https://chs.asu.edu/programs/exercise-and-wellness-0>
HLTHN 401AA
chs@asu.edu
602-496-3300

Exercise and Wellness (Fitness and Wellness Specialist), BS (ECEXWBS)

Campus: Downtown Phoenix

ASU is no longer accepting new students to this program. Interested students should apply to the BS program in exercise and wellness.

Program Description:

The BS program in exercise and wellness provides students with the knowledge and practical skills necessary to assist individuals in reaching optimal health. Students are prepared to pursue nationally recognized and credentialed certifications provided by professional organizations in fields of study related to physical activity, strength and conditioning, or exercise physiology. The exercise and wellness student is also well prepared, with the addition of the prerequisite courses, to continue into graduate schools required for careers in physical therapy, occupational therapy, athletic training or other medical fields.

The exercise and wellness program consists of a carefully designed curriculum emphasizing:

- competency in the instruction of basic and advanced techniques related to flexibility, resistance training and cardiovascular exercise
- competencies required to attain advanced level certifications from professional associations in the field
- foundational knowledge of exercise physiology and applied kinesiology
- methods to understand and help improve individuals with regard to their health behavior choices
- skills in assessing and interviewing clients in preparation for fitness and wellness programming
- skills in designing and manipulating program variables to work with apparently healthy or symptomatic individuals

Students in the exercise and wellness degree program also have the ability to enroll in courses that will enhance their abilities to work with high performance athletes, obese individuals or those at risk for suffering from other hypokinetic diseases.

Employment of fitness and wellness professionals is expected to grow by up to 24% through 2020, much faster than other occupations, driven by efforts to reduce health care costs by teaching people about healthy behaviors. The need for exercise and wellness programming and facilities will increase the need for workers in these areas.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 117 - College Algebra

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ECEXWBS~null + &college=CHL>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Students who complete the exercise and wellness degree have enhanced opportunities in fitness and wellness employment settings because clients and employers prefer to work with people who are more highly prepared and qualified.

Undergraduates in this concentration often pursue careers in such fields as:

- clinical exercise
- corporate fitness
- fitness management
- personal training
- sports performance
- wellness center management

Students may also pursue further graduate study in such fields as:

- athletic training*
- cardiac rehabilitation*
- occupational therapy*
- physical therapy*
- physician assistant*

*Advanced degrees or certifications may be required for academic or clinical positions.

Contact Information:

Health Solutions, College of
College of Health Solutions
<https://chs.asu.edu/programs/exercise-and-wellness-0>
HLTHN 401AA
chs@asu.edu
602-496-3300

Exercise and Wellness (Strength and Conditioning Specialist), BS (NHEXWSCBS)

Campus: Downtown Phoenix

ASU is no longer accepting new students to this program. Interested students should apply to the BS program in exercise and wellness.

Program Description:

The strength and conditioning specialist concentration is designed for students who want to work with active or athletic populations, including sport and tactical occupations. These students may work with high school, college or professional sports organizations in scholastic or private sports performance training facilities, with tactical sports performance clients (e.g., military, police, firefighters, EMT) in municipal or government-run facilities or with individual clients participating in more active, higher intensity-based fitness programs. Students in this concentration will be exposed to applied assessment labs and practical fieldwork to gain the knowledge they will need to be competent coaches in this field. Graduates will be prepared to sit for the Certified Strength and Conditioning Specialist or the Tactical Strength and Conditioning-Facilitator examinations offered by the National Strength and Conditioning Association (<https://www.nscs.com> (<https://www.nscs.com>)) at the completion of their coursework. Students interested in careers in the field of sports medicine (athletic trainers, sports physical therapists, orthopedic surgeons, etc.) may also benefit from the coursework to provide an understanding of the training programs that accompany sports participation.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 117 - College Algebra

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercrreditguide/app/transfermap?major=NHEXWSCBS~null + &college=CHL>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Many graduates of this program go onto careers which include:

- athletic trainer*
- fitness center director
- group exercise specialist
- personal trainer
- physical therapist*
- physical therapy technician
- sports performance coach
- sports performance director
- sports scout
- tactical performance coach

*Additional prerequisites and post-graduate degrees are required.

Contact Information:

Health Solutions, College of
INACTIVE School of Nutrition and Health Promotion
<https://chs.asu.edu/programs/exercise-and-wellness-0>
HLTHN 401AA
chs@asu.edu
602-496-2644

Food and Nutrition Entrepreneurship, BS (NHFNUENBS)

Campus: Downtown Phoenix, Online

Program Description:

The BS program in food and nutrition entrepreneurship addresses significant and ongoing changes in the food industry by preparing students with sound nutrition principles and business acumen that will allow them to competitively participate in a growing field. The program encompasses key topics for future nutrition entrepreneurs, whether they may be innovating within a company or organization or launching a food or nutrition-related business. Key topics include how to develop an online presence, supported by evidence-based principles, thorough social media, blogging, podcasting and video; how to launch nutritionally sound startups and create standalone businesses for individual practice and consulting; and routes for innovation within the food industry through research and development.

Experiential learning is integrated into the curriculum; students have opportunities to work with specialists in food and nutrition entrepreneurship in order to gain real-world experience, build professional relationships and establish a foundation and direction for their careers after graduation.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/food-and-nutrition-bs/>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=NHFNUENBS-null + &college=CHL>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates are prepared for careers in the delivery of products and services, in research and development, management of food service and sustainable food systems, and in nutrition and health communication and promotion. They also have capabilities to launch startups and businesses focused on individual practice, consulting and new product and service development.

Contact Information:

Health Solutions, College of
College of Health Solutions
<https://chs.asu.edu/>
HLTHN 401AA
CHS@ASU.EDU
602-496-3300

Health Education and Health Promotion, BS (NHHEHPBS)

Campus: Downtown Phoenix, ASU@Lake Havasu, Online

Program Description:

The BS in health education and health promotion provides students a pathway for becoming a certified health education specialist through the National Commission for Health Education Credentialing (<https://www.nchec.org/> (<https://www.nchec.org/>)).

Working alongside clinicians, health agency directors and community leaders, health education specialists are catalysts for improving health for individuals and communities. The program provides professional preparation in population-based approaches to improve health outcomes, including school and community health education. Students pursuing a bachelor's degree in health education and health promotion gain foundational knowledge in health promotion program planning, implementation, evaluation, health education and health advocacy. These skills can be applied to society's most pressing health challenges, like improving the food and built environments to promote health, providing sexual health education, and preventing substance abuse, violence and injuries.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 117 - College Algebra

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

The Downtown campus is available to all students who meet university admission standards.

The West campus is only available to students who will be first time freshmen as defined as those who have earned 12 college credit hours or less at the time of admission.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-health-education-and-health-promotion/>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transferecreditguide/app/transfermap?major=NHHEHPBS-null + &college=CHL>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Growing awareness of how healthy lifestyles and environments influence our health has led to a greater emphasis on preventing disease and managing chronic diseases effectively. Health education and health promotion professionals fill a critical role in the new vision for health and health care as they teach individuals how to stay well by living healthy lifestyles, and they help mobilize communities to create healthy environments through policy, advocacy and environmental change. As the need for innovative approaches to improving health outcomes becomes increasingly clear, the demand for health education and health promotion professionals will increase as well. Health promotion professionals work in various environments based on the industry in which they are employed.

Based on a random sample of community health job advertisements (September, 2017), health professionals with the CHES credential earn up to a 47% higher salary than health professionals without it. As of 2019, the American Medical Association has approved certified health education specialists for new insurance billing qualifications that will expand the practice even further. In addition to working to change policies and environments to promote health, and to educate communities, health education specialists can work as clinical educators, counseling individuals to adopt new health behaviors. The health education specialist pathway offers growth opportunities, as well, as CHES are eligible to become master certified health education specialists after five years of practice, and MCHES are eligible to become certified diabetes educators.

Graduates of this degree program often pursue careers in wellness and health promotion in such environments as:

- colleges and universities
- community health agencies
- hospitals and clinical settings
- insurance companies
- private health care organizations
- schools
- state and county health departments
- voluntary health organizations
- wellness centers
- work site wellness and health promotion

They may also pursue further graduate study in such fields as:

- medicine and dentistry (with additional elective sciences)
- occupational therapy
- physical therapy
- physician's assistant
- public health
- community health
- health education
- health promotion
- social work
- health psychology

Advanced degrees or certifications may be required for academic or clinical positions.

Contact Information:

Health Solutions, College of
College of Health Solutions
<https://chs.asu.edu/home>
HLTHN 401AA
chs@asu.edu
602-496-3300

Health Sciences, BS (NHHSCBS)

Campus: Downtown Phoenix, Polytechnic, West, Online

Program Description:

The BS program in health sciences is designed to provide students with the academic knowledge and skills that allow them to move directly into a range of employment opportunities within the health field or to continue their education in discipline-specific programs.

Students choose a track focus in either community-based health outcomes; health legislation and regulation; integrated care; language, speech and communication; or Spanish and health.

A limited number of students each year may apply to pursue the echocardiography certificate through the Mayo Clinic. Once the certificate is successfully completed, students may transfer the credits to Arizona State University and those credits may be applied toward completion of the Bachelor of Science in health sciences.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 117 - College Algebra
or MAT 142 College Mathematics

Program Math Intensity: Moderate

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Global Management, MGM

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/health-sciences-bs/>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=NHHSCBS-null + &college=CHL>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates are prepared to enter the health and health care workforce in a variety of capacities, including indirect and direct patient and community care roles. Examples include home health, care coordination, medical interpretation, health services management, patient navigation and

community health.

Graduates also may choose to pursue advanced degree programs in various discipline-specific medical fields.

Contact Information:

Health Solutions, College of
College of Health Solutions
<https://chs.asu.edu/programs/>
HLTHN 401AA
chs@asu.edu
602-496-3300

Health Sciences (Health Policy), BS (NUHSCHPBS)

Campus: Downtown Phoenix

ASU is no longer accepting new students to this program. Interested students should apply to the BS in health sciences or the BS in the science of health care delivery.

Program Description:

The BS program in health sciences is designed to provide the academic knowledge and skills to allow students to move directly into a range of employment opportunities within the health field or continue their education in discipline-specific programs. Students complete a complement of core courses that emphasize ethics, communication skills, critical thinking and cultural awareness.

The health policy program is designed for students interested in the community policy aspects of disease prevention and health promotion. The continuum of health care now spans a diverse array of health providers ranging from private practitioner offices and outpatient care centers to residential care facilities and acute care hospitals. Key to the enhancement of health care within the U.S. is the development and implementation of innovative, cost-effective and universally accessible programs.

Students in this concentration are required to complete a supervised practicum, providing hands-on experience within their field of interest. Students may also wish to consider using their electives to complete a minor in nonprofit administration, which requires 15 credit hours.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics
or MAT 117

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

The Downtown campus is available to all students who meet university admission standards.

The West campus is only available to students who will be first time freshmen as defined as those who have earned 12 college credit hours or less at the time of admission.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=NUHSCHPBS-null + &college=CHL>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Career opportunities are available in city, county and state departments of health, with additional employment opportunities in the health insurance industry, nonprofit sector and within various corporate entities providing health care.

Contact Information:

Health Solutions, College of
College of Health Solutions
<https://chs.asu.edu/home>
HLTHN 401AA
chs@asu.edu
602-496-3300

Health Sciences (Healthy Lifestyles Coaching), BS (NUHSCHLCBS)

Campus: Downtown Phoenix, Polytechnic, West, Online

Program Description:

The BS program in health sciences with a concentration in healthy lifestyles coaching is designed to provide the academic knowledge and skills that allow students to move directly into a range of employment opportunities within the health and wellness fields or continue their education in discipline specific programs. The healthy lifestyles coaching interdisciplinary approach equips students to apply evidence-based practices in exercise prescription, wellness education and coaching psychology to help people adopt and maintain healthier habits and combat ongoing health problems caused by poor lifestyle choices.

Upon completion of the degree, students are qualified to sit for an exam to become certified personal trainers or fitness instructors. Also, students who complete this degree and one additional supervised coaching practical course are eligible for the National Board Certification for Health and Wellness Coaches offered by the National Board for Health and Wellness Coaches: <http://www.nbhwc.org> (<http://www.nbhwc.org>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to choose either a 2.5- or a 3-year path while participating in the same high-quality educational experience of a 4-year option. Students can opt to fast-track their studies after acceptance into a participating program by connecting with their academic advisor. Fast track options appear at the top of the major map.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-health-sciences-healthy-lifestyles-coaching/>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=NUHSCHLCBS~null + &college=CHL>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

According to the U.S. Bureau of Labor Statistics, employment for health coaches and health educators is projected to grow 21% from 2012 to 2022, faster than the average for all occupations. Growth is driven by efforts to improve health outcomes and to reduce health care costs by teaching people about healthy habits and behaviors and utilization of available health care services.

Health, wellness and fitness coaches work in hospitals and health care facilities, schools, public health departments, nonprofit organizations, prevention agencies (e.g., American Heart Association), lifestyle and weight management consulting firms, outpatient fitness centers, university fitness and wellness centers, and private businesses.

Specialty areas may include:

- bariatric weight loss clinic counseling and management
- corporate fitness and worksite wellness

Career options include positions such as:

- elder service or congregate meal program coordinator
- fitness center director
- group exercise specialist
- health and patient educator
- Healthy Start or corporate wellness coordinator
- personal training
- physical therapy technician
- school health and nutrition program specialist
- women, infants, children, and community nutrition aide
- worksite wellness coach/coordinator

Students are also well-prepared for admission into graduate programs in health promotion, population health, lifestyle management, integrative health, health administration, psychology and medicine.

Contact Information:

Health Solutions, College of
College of Health Solutions
<https://chs.asu.edu/programs/health-sciences-healthy-lifestyles-coaching>
HLTHN 401AA
chs@asu.edu
602-496-3300

Health Sciences (Pre-professional), BS (NUHSCPREBS)

Campus: Downtown Phoenix

ASU is no longer accepting new students to this program. Interested students should apply to the BS in medical studies or the BS in nutrition with a concentration in human nutrition.

Program Description:

The BS program in health sciences is designed to provide the academic knowledge and skills that enable students to move directly into a range of employment opportunities within the health field or to continue their education in discipline-specific programs.

The preprofessional program is designed for students planning to enter medical, dental, osteopathic, physical therapy, veterinary, pharmacy and similar professional schools. In addition to a comprehensive core of basic science courses, the concentration is unique in that it provides a solid base in ethics; communication; the evaluation of research (the cornerstone of evidence-based practice); and healthy lifestyles (the foundation of health promotion and chronic disease risk reduction avenues of health care), including the role of complementary and alternative care within the U.S. health care system. Students have the ability to incorporate electives that contribute to their knowledge of and sensitivity to the needs of populations impacted by health disparities.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 251 - Calculus for Life Sciences

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)
Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)
International (<https://students.asu.edu/international/future>)
Readmission (<https://students.asu.edu/readmission>)

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=NUHSCPREBS~null + &college=CHL>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

If not entering an advanced degree program in the medical field, employment opportunities include:

- clinical research coordinator
- health officer
- sales and marketing representative for pharmaceutical or medical device companies

Contact Information:

Health Solutions, College of
College of Health Solutions
<https://chs.asu.edu/home>
HLTHN 401AA
chs@asu.edu
602-496-3300

International Public Health, BIPH (NHIPHBIPH)

Campus: Online

Program Description:

The BIPH is designed to build and strengthen the international public health workforce and includes coursework from two leading universities: ASU and the University of New South Wales, Sydney, Australia.

Aligned with U.S. accreditation standards in public health, the Bachelor of International Public Health coursework teaches new approaches to emerging public health issues including health promotion, communicable disease prevention, environmental health, public health surveillance and global health management. This program helps students to develop and apply knowledge from multiple disciplines to promote the health and well-being of the human population.

Students also have the opportunity to study abroad through optional faculty-led global intensive experiences as well as semester, summer and spring break programs.

In their final year, students complete a capstone experience in their area of interest, which prepares them for careers in global health policy, data and informatics, quality and process improvement, and community-based care.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 117 - College Algebra

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-international-public-health/>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transferecreditguide/app/transfermap?major=NHIPHBIPH-null + &college=CHL>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

The most recent report of the United Nations High-Level Commission on Health Employment and Economic Growth described the importance of a global workforce that will support the creation of 40 million new jobs by 2030, particularly in low- and middle-income countries. Critical needs include global health policy, data and informatics, quality and process improvement, ethics, economics and community-based care.

Career examples include but are not limited to those shown in the following list. Advanced degrees or certifications may be required for academic or clinical positions.

Specific career titles include:

- education coordinator
- health coach
- program coordinator
- program manager
- program officer
- project analyst
- research associate

Commonly cited hiring organizations include the Peace Corps, the United States Agency for International Development, the Centers for Disease Control and Prevention, the United Nations Children's Fund, other nongovernmental organizations, and state and federal agencies.

Contact Information:

Health Solutions, College of
College of Health Solutions
<https://chs.asu.edu/programs/international-public-health>
HLTHN 401AA
chs@asu.edu
602-496-3300

Kinesiology, BS (NUKINBS)

Campus: Downtown Phoenix, ASU@Lake Havasu

Program Description:

A BS degree in kinesiology prepares students for graduate study in physical or occupational therapy, physician assistant programs, medicine and other health-related professional programs. In order to be successful in these programs, students need to have a deep understanding of how the human body works.

In kinesiology, all aspects of human function are studied, but it is done from the perspective of human movement. The curriculum provides a scientifically inclusive approach to human movement, studying mechanical, anatomical, neural, developmental, physiological and psychological mechanisms. This gives students in the program a well-rounded understanding of all aspects of human function as it pertains to movement and exercise.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 170 - Precalculus

Program Math Intensity: Moderate

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Clinical Exercise Physiology, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=NUKINBS~null + &college=CHL>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

An undergraduate degree in kinesiology prepares students for graduate study in a variety of clinical and research occupations including:

- chiropractor
- dentist
- occupational therapist
- pharmacist
- physical therapist
- physician
- physician assistant

Contact Information:

Health Solutions, College of

College of Health Solutions

<https://chs.asu.edu/programs/kinesiology>

HLTHN 401AA

CHS@asu.edu

602-496-3300

Medical Studies, BS (NHMEDBS)

Campus: Downtown Phoenix, Polytechnic, West

Program Description:

The medical studies BS program provides students with the opportunity to meet the prerequisites for a variety of health professions programs (medicine MD/DO programs, dentistry, physician assistant, pharmacy, occupational therapy, optometry and others) and prepares the student for required postgraduate entrance exams, including the revised MCAT.

Students can customize the medical studies degree to meet the prerequisites of the health professions programs for which they intend to apply. Students have the opportunity to learn directly from health care providers who are currently practicing in the field, and they can select clinically related internships or electives during their junior year.

This degree program integrates communication, ethics, critical thinking, teamwork and leadership, all of which are essential competencies for members of today's health care teams.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 170 - Precalculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=NHMEDBS~null + &college=CHL>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Students graduating from this program are academically prepared, well-rounded and adept in skills for a number of exciting careers in the allied health fields, dentistry or medicine; education; government; health care industries; or nonprofit organizations. Positions could include:

- community health worker
- project coordinator
- research assistant
- sales or marketing representative (e.g., medical device or pharmaceutical industry)

Students are well-prepared to pursue postgraduate health degrees, resulting in a career as a:

- chiropractor
- dentist
- naturopathic physician
- optometrist
- pharmacist
- physician
- physician assistant
- podiatrist
- public health professional

Many other career options may be available.

Contact Information:

Health Solutions, College of

College of Health Solutions

<https://chs.asu.edu/programs/medical-studies>

HLTHN 401AA

chs@asu.edu

602-496-3300

Nutrition, BS (NHNTRBS)

Campus: Downtown Phoenix, Online

ASU is no longer accepting new students to this program. Students interested in nutrition should apply to the Food and Nutrition Entrepreneurship BS (<https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/NHFNUENBS/undergrad/false>) program.

Program Description:

This program prepares students to work in the expanding field of food and nutrition related entrepreneurial ventures and program initiatives. Graduates are poised to meet the demands within food and nutrition industries for the application of valid nutritional concepts.

Experiential learning is integrated into the program's curriculum; students have opportunities to work with external stakeholders and community partners specializing in food and nutrition entrepreneurship to gain real-world experience, develop professional relationships, and establish a foundation and direction for their future careers.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-nutrition/>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=NHNTRBS-null + &college=CHL>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Nutrition graduates are prepared for careers within companies looking to innovate in the delivery of products and services, research and development, management of food service and sustainable food systems, and nutrition and health communication and promotion, as well as have capabilities to launch startups and businesses focused on individual practice, consulting, and new product and service development.

There are a wide array of career opportunities available for graduates of this program. Advanced degrees or certifications may be required for some positions.

Contact Information:

Health Solutions, College of

College of Health Solutions

<https://chs.asu.edu/home>

HLTHN 401AA

chs@asu.edu

602-496-3300

Nutrition (Dietetics), BS (ECNTRDBS)

Campus: Downtown Phoenix

ASU is no longer accepting new students to this program. Please explore Degree Search for other similar program options.

Program Description:

The BS in nutrition with a concentration in dietetics prepares students with the required coursework and skill set to apply for a dietetic internship required to sit for the registration exam to become a registered dietitian, which is a food and nutrition expert. In addition to a core of professional nutrition courses, students complete a broad range of science, management and communication classes. The program emphasizes the application of nutrition within clinical, community, food production and wellness areas.

More information about this credential and the requirements for this credential can be found at <https://www.eatrightpro.org/about-us/become-an-rdn-or-dtr/dietetic-careers> (<https://www.eatrightpro.org/about-us/become-an-rdn-or-dtr/dietetic-careers>).

ASU's bachelor's degree program in nutrition with a concentration in dietetics is accredited as a Didactic Program in Dietetics by the Accreditation Council for Education in Nutrition and Dietetics, 120 S. Riverside Plz., Ste. 2190, Chicago IL 60606-6995, phone: 800-877-1600, ext. 5400.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ECNTRDBS-null + &college=CHL>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

The nutrition and dietetics field provides employment opportunities in fields such as:

- consulting
- education
- food and nutrition marketing and sales
- nutrition and health promotion
- school food service

Graduates may find opportunities in environments such as:

- hospitals and other health care facilities
- public health agencies

Contact Information:

Health Solutions, College of

College of Health Solutions

<https://chs.asu.edu/home>

HLTHN 401AA

chs@asu.edu

602-496-3300

Nutrition (Food and Nutrition Management), BS (ECNTRMBS)

Campus: Downtown Phoenix, Online

ASU is no longer accepting new students to this program. Students interested in this program should apply to the BS in food and nutrition entrepreneurship (<https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/NHFNUENBS/undergrad/false>).

Program Description:

The BS program in nutrition with a concentration in food and nutrition management provides students with the ability to apply nutrition principles to food production. This concentration is designed to provide students with an understanding of the food industry to manage and market food and develop a food or menu that meets a specific nutritional guideline.

Coursework focuses on a strong foundation in food purchasing, production and planning. Additional coursework in management, marketing and nutrition prepares students for a variety of food service positions. Graduates can also pursue the credentials of certified dietary manager, school nutrition specialist or registered sanitarian.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu>)

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ECNTRMBS-null + &college=CHL>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

According to the National Restaurant Association, the number of food service managers is projected to increase by 15% in the next 10 years. This degree prepares students to become food service directors at schools, health care facilities and corporate food service operations. Graduates of the program aspire to own restaurants or nutrition-related businesses, work in supplement or pharmaceutical sales, or work in food marketing and distribution.

Contact Information:

Health Solutions, College of

College of Health Solutions

<https://chs.asu.edu/home>

HLTHN 401AA

chs@asu.edu

602-496-3300

Nutrition (Human Nutrition), BS (ECNTRHBS)

Campus: Downtown Phoenix

ASU is no longer accepting new students to this program. Please explore Degree Search for other similar program options.

Program Description:

The BS program in nutrition with a concentration in human nutrition provides students with a strong foundation in nutrition and science that prepares them for careers in public or community health programs and clinical or graduate research programs.

In addition to providing a strong foundation in medical nutrition therapy, the coursework includes anatomy, physiology, chemistry and microbiology. Students gain knowledge of nutritional concepts that health care professionals sometimes lack.

Students from this program have gone on to study:

- dentistry
- medicine
- naturopathic medicine
- optometry and podiatry
- osteopathic medicine
- pharmacy

Additional Program Fee: Y**Second Language Requirement:** N

First Required Math Course: MAT 170 - Precalculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ECNTRHBS-null + &college=CHL>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

The nutrition field provides employment opportunities in:

- education
- food and nutrition marketing and sales
- food service
- health care
- nutrition and health promotion and consulting
- public health

Graduates of the human nutrition program often go on to apply to medical school or another health profession. The area of nutrition research is also a good fit for human nutrition majors.

Advanced degrees or certifications may be required for academic or clinical positions.

Contact Information:

Health Solutions, College of
College of Health Solutions

<https://chs.asu.edu/home>
HLTHN 401AA
chs@asu.edu
602-496-3300

Nutrition (Nutrition Communication), BS (ECNTRCBS)

Campus: Downtown Phoenix, Online

ASU is no longer accepting new students to this program. Students interested in this program should apply to the BS in food and nutrition entrepreneurship (<https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/NHFNUENBS/undergrad/false>).

Program Description:

The BS in nutrition with a concentration in nutrition communication is designed to help students become experts in communicating health and nutrition content. This concentration was originally developed in collaboration with the Walter Cronkite School of Journalism and Mass Communication.

Nutrition courses provide the content for articles students write in their communication-related classes. This degree program provides students with a strong understanding of the scientific method, statistics, nutrition, health care and wellness that many traditional journalists lack. Faculty members teach students how to avoid sensationalism and how to avoid sacrificing reality to get a better story.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu>)

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ECNTRCBS-null + &college=CHL>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

The nutrition communication field offers employment opportunities with:

- community and health care agencies
- magazines
- newspapers
- private corporations (public relations firms)
- web-based companies

With this degree, graduates can pursue careers as:

- authors
- consultants in program or product development
- freelance writers for newspapers and magazines
- public relations representatives for food and beverage companies

Contact Information:

Health Solutions, College of
College of Health Solutions
<https://chs.asu.edu/home>
HLTHN 401AA
chs@asu.edu
602-496-3300

Nutritional Sciences, BS (NHNUSCIBS)

Campus: Downtown Phoenix, Polytechnic

Program Description:

The BS program in nutritional science provides students with a strong foundation in nutrition, biological sciences, research methods, and prevention and treatment of health issues. With two different tracks, this program prepares students for careers in a variety of fields.

The integrative nutrition track establishes a strong basis for evidence-based nutrition practices, nutritional interventions across the lifespan, and both individualized and community approaches to improving human health. This track prepares students for careers in a variety of health care settings including naturopathic medicine.

With the nutrition research track, students can expect to engage in coursework that integrates evidence-based nutrition with anatomy, physiology, chemistry and microbiology to best prepare them for clinical or graduate research programs and careers in research. This track allows students to work alongside faculty while gaining hands-on experience in nutrition research.

Additional Program Fee: Y**Second Language Requirement:** N

First Required Math Course: MAT 117 - College Algebra

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=NHNUSCIBS~null + &college=CHL>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Students from this program can find job opportunities in clinical and life sciences research, medicine, naturopathic medicine, molecular and cellular biology, industry research and development, dentistry and pharmacy.

Contact Information:

Health Solutions, College of
College of Health Solutions
<https://chs.asu.edu/programs/by-academic-program-area/nutrition>
HLTHN 401AA
chs@asu.edu
602-496-3300

Population Health, BS (NHPOPHLBS)

Campus: Downtown Phoenix, West

Program Description:

Improving the health of populations requires an understanding of complex systems that impact health. The BS program in population health integrates the fields of public health and health care delivery to teach students about these complex factors. Students in this program benefit as the emerging field of population health requires training in an array of disciplines already fundamental to the College of Health Solutions, including biomedical informatics, economics, social determinants of health, program and community assessment, program planning and evaluation, health care delivery, and health policy. Students learn how social determinants, access to care, decision-making, policy and infrastructure influence the health of defined groups, as well as the roles of various stakeholders (e.g., health care organizations, governments, businesses, non-profits, etc.) and how to work across systems to improve health.

This program capitalizes on its multidisciplinary approach that features experiential learning, including student engagement as citizen scientists, to better understand the complex factors impacting population health

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 117 - College Algebra

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=NHPOPHLBS~null + &college=CHL>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Multiple career opportunities exist for students majoring in population health, depending on the specific areas of expertise that students develop via core training in population health and the specific track that the student pursues. Students who pursue the biomedical information track, for example, will be most qualified for positions that require working with a variety of datasets, while students who choose the health education specialist track will be trained to work at the interface of health care and public health.

Specific job titles that currently exist for those trained in population health include:

- Health Care Data Analyst
- Population Health Analyst --- Population Health
- Population Health Community Health Worker
- Population Health Coordinator
- Population Health Practice Liaison - Population Outreach

- Population Health Specialist
- Program Coordinator

Contact Information:

Health Solutions, College of
 College of Health Solutions
<https://chs.asu.edu/>
 HLTHN 4th floor
 chs@asu.edu
 602-496-3300

Public Health, BS (NHPBHBS)

Campus: Downtown Phoenix

Program Description:

The BS degree program in public health teaches students to develop and apply knowledge from multiple disciplines for the promotion and protection of the health of the human population. This degree is designed to appeal to students interested in populations of people (rather than an individual's health), preparing the students with skills in the five core areas of public health, namely:

- behavior science and health education
- biostatistics
- environmental health
- epidemiology
- health services administration

The required internship component of the program, POP 444: Population Health Field Experience, allows students to gain practical experience in public health professions.

Graduates typically work as public health practitioners who are competent to plan, implement, evaluate and monitor public health functions and activities in a variety of settings. They are prepared to fill various positions in public and community health as well as pursue further education through graduate study, including a master's degree in public health.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 117 - College Algebra

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=NHPBHBS-null + &college=CHL>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates of this program qualify for entry-level positions in public health education, sanitation and environmental control, public health administration, health promotion and similar areas. Employment opportunities are available within national, state or local health departments and in community clinics, community or private advocacy groups, health education programs and nonprofit organizations.

Popular positions include:

- community health workers --- liaise as front-line public health worker (requires a deep understanding of a served community) with community officials and health services to improve the quality and cultural competence of health care service delivery to the community or to vulnerable groups such as children, veterans and the homeless
- environmental specialists --- investigate potential environmental health and food risks, advise the community on how to reduce these risk, and implement public health projects
- health educators --- teach people about behaviors that promote wellness, and develop and implement strategies to improve the health of individuals and communities
- occupational health and safety specialists --- analyze many types of work environments and procedures, inspect workplaces for adherence to regulations regarding safety, health and the environment, and design programs to help prevent injuries and diseases in workers
- program managers --- plan, direct and coordinate public health programs and initiatives within communities

Contact Information:

Health Solutions, College of
College of Health Solutions
<https://chs.asu.edu/programs/public-health>
HLTHN 401AA
CHS@asu.edu
602-496-3300

Science of Health Care Delivery, BS (NHHCDBS)

Campus: Downtown Phoenix

Program Description:

The science of health care delivery is the study and design of systems, processes, leadership and management used to optimize health care delivery and health for all.

The BS program in the science of health care delivery is designed to provide undergraduate students a foundation in person-centered health care, leadership, critical thinking, population health, informatics, systems engineering, economics and policy. Faculty are comprised of tenure-track and clinically trained professionals who work together to create, teach and disseminate knowledge.

Graduates may pursue entry-level positions in health care administration, program management, policy, or pursue further education through graduate programs.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 117 - College Algebra

Program Math Intensity: Moderate

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Global Management, MGM

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=NHHCDBS~null + &college=CHL>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates of this program are academically prepared, well-rounded and adept in skills necessary for a number of exciting careers in health care.

Job areas may include entry-level positions in health care administration, management, policy, system design, quality improvement and health services research. Opportunities may include positions in hospital systems, physician practices and clinics, patient navigation, the pharmaceutical industry, insurance companies, government and regulatory agencies, and health research organizations.

Graduates may pursue further education through graduate programs in areas such as health care delivery, administration and management.

Contact Information:

Health Solutions, College of
College of Health Solutions
<https://chs.asu.edu/about/academic-program-areas/science-of-health-care-delivery>
HLTHN 401AA
CHS@asu.edu
602-496-3300

Speech and Hearing Science, BS (LASHSBS)

Campus: Tempe, Online

Program Description:

Students in the BS program in speech and hearing science study the normal aspects of the communication process. Emphasis is placed on the human communication system, including anatomy and physiology of the hearing and speech mechanisms; speech, language and hearing science; and normal development of speech and language production and perception.

Graduates attain broad-based knowledge in the basic aspects of speech, language and hearing sciences, which prepares them for graduate study in audiology or speech-language pathology, or potential employment opportunities in related health and behavioral fields.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 170 - Precalculus

Program Math Intensity: Moderate

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Auditory and Language Neuroscience, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/speech-and-hearing-science-bs/>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transferecreditguide/app/transfermap?major=LASHSBS~null + &college=CHL>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Employment opportunities for program graduates may include positions as:

- audiology assistants
- hearing aid or cochlear implant company representatives
- research assistants or associates in behavioral disciplines
- speech-language pathology assistants
- support personnel in rehabilitation or health facilities

Many graduates of speech and hearing sciences gain entrance into a graduate-level program in speech-language pathology or audiology. In both fields, a graduate degree is required for employment.

The undergraduate degree in speech and hearing science is also excellent preparation for those who wish to enter professional or graduate programs in fields such as:

- counseling
- education
- medicine
- rehabilitation
- social work
- special education
- teaching for the deaf

Graduates of speech-language pathology and audiology can work with children or adults with communication disorders in a variety of settings, including:

- clinics
- hospitals
- private practice
- schools, all levels of preschool through secondary

Contact Information:

Health Solutions, College of
College of Health Solutions
<https://chs.asu.edu/programs/speech-and-hearing-science>
HLTHN 401AA
chs@asu.edu
480-965-2374

Sports Science and Performance Programming, BS (NHSPTSPPBS)

Campus: Downtown Phoenix

Program Description:

Sports science and performance programming focuses on understanding and optimizing physical abilities for active groups ranging from sports to occupational to tactical populations. The ability to work with individuals at close to maximal effort requires specialized knowledge and skills related

to these specific populations. The National Strength and Conditioning Association identifies the need for the sports performance and tactical performance specialist to be more knowledgeable about all areas of human physiology and movement mechanics in order to keep up with the ever-expanding technologies used to monitor and provide feedback to the coach and participant.

The BS program in sports science and performance programming prepares students to work with participants whose primary objective is maximizing their performance potential, regardless of the environment. Pushing the limits of performance for success in sports, combat or other tactical situations as well as understanding the stress the body undergoes during training for sport, work or recreational activities allows degree recipients to best plan successful exercise and recovery programs. Graduates are well-prepared to sit for the test to become a Certified Strength and Conditioning Specialist or a Tactical Strength and Conditioning Facilitator through the National Strength and Conditioning Association, to work in the sports performance field, or for graduate study in advanced sports science programs.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 117 - College Algebra OR MAT 170

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=NHSPTSPPBS~null + &college=CHL>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Career options for this degree include opportunities in sports performance training in high school, collegiate, professional and private sector markets. In addition, students are prepared for careers in tactical performance training with local, state and national governmental agencies including work with police, firefighters and military personnel.

Contact Information:

Health Solutions, College of

College of Health Solutions

<https://chs.asu.edu/programs/sports-science-and-performance-programming-bs>

HLTHN, 4th Floor

chs@asu.edu

602-496-3300

Honors - Barrett, The Honors College

Honors College, (9HOHONALL)

Campus: Downtown Phoenix, Polytechnic, Tempe, West

Program Description:

ABOUT THE COLLEGE

Barrett, The Honors College at Arizona State University is highly regarded as the model for honors education in the US and abroad. Barrett stands

alone in dedicated resources, size and complexity with a presence on four ASU campuses, a multimillion dollar endowment used to support honors students and their projects, and dedicated Deans, faculty and staff that include seven administrators, 45 Faculty Fellows, 64 staff within the college and more than 1,900 university faculty members who teach and mentor Barrett students who major in any field across all four campuses. Barrett students are members of a close-knit community of scholars known nationally for its number of National Merit, National Hispanic and Flinn scholars, and nationally ranked numbers of recipients of Fulbright, Truman, Goldwater, Udall and Marshall Fellowships.

A four-year residential experience is the hallmark of the Barrett living and learning experience. The Tempe campus has a nine-acre complex with residence halls for 1,700 students, classroom, community center, dining hall and refectory, and administrative offices. The residential experience continues across the street with upper-division housing for 1,600 honors students in the 18-acre Vista Del Sol Community. The Barrett Honors College residential experience also extends to the Downtown, Polytechnic and West campuses. The Barrett residential community, called B-Town D-Town is located at Taylor Place at the heart of the campus and offers a living environment where students have easy access to ASU's downtown colleges and programs as well as Phoenix's increasingly vibrant lifestyle. Barrett at the Polytechnic campus gives students the feeling of studying at a small private college with the advantages of a large university. The honors residential community is unique among the ASU campuses --- freshman honors students reside together on a floor of Century Hall while upper-division honors students will enjoy a brand new residence hall to open Fall 2020. Barrett at the West campus provides the entire range of honors activities in a small liberal arts college setting. Barrett West students live and learn on the ASU West Campus with approximately 500 other residents. Honors students live in the Casa de Oro residence hall. The 5,000-square-foot Barrett Suite includes a computer lab, study rooms, a meeting area, a library, and staff and faculty offices.

With its outstanding programs, dedicated faculty and staff, and comprehensive facilities, Barrett is a national model for organizing resources to support the honors experience at all four campuses at ASU. This unique arrangement is a model for higher education and has often been referred to as the best of both worlds by students who thrive in a small college atmosphere but appreciate access to large university programs like Division I athletics and high profile lecturers.

STUDENT OPPORTUNITIES

ASU's size, number of majors, student organizations and student support services is an advantage and provides important opportunities for Barrett students to engage in meaningful ways. With the largest college residential profile across all four campuses, Barrett significantly contributes to the student life of the university. Barrett students demonstrate leadership in the classroom, in research labs, in mentoring and tutoring other students, and in securing leadership roles in student government, Changemaker Central, Greek Life and more than 800 student organizations. Barrett offers a full range of student-driven academic, service, wellness, arts, cultural, social, entrepreneurial and sustainability programming.

Barrett students positively impact ASU and our local, national and global communities through internships, service, travel and other professional development opportunities within Barrett and across ASU. Barrett students participate in study abroad programs that enable them to travel to foreign countries, immerse themselves in small classes taught by honors faculty and experience different cultures and societies while earning honors credits. Barrett students engage in cutting edge research with distinguished ASU faculty or through special partnerships with the Mayo Clinic, the Biodesign Institute and Intel. Students are developing iPhone applications, building robots, designing games or developing tools to improve health care, meet global energy needs and provide clean water, or secure data and information privacy. Many students also take advantage of internship opportunities developed exclusively for Barrett students with organizations like Mayo Clinic, Goldman Sachs, Microsoft, Google, The American Heart Institute and local congressional districts, the governor's office and the United States Senate.

Additional Program Fee: Y

Second Language Requirement: N

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Students must complete an application to Arizona State University before submitting a separate application to Barrett, The Honors College. Students who have demonstrated high levels of academic achievement in high school or college may apply for admission to Barrett. Each candidate must file an application to the college separate from the ASU application, in accordance with the appropriate Barrett deadlines.

Applicants are evaluated on the basis of their academic records, their ranking within the graduating class, and their performances on the SAT or ACT. The college also values students who have special talents and aptitudes, exhibit exceptional leadership qualities, have had unusual life experiences or display significant community involvement.

The Barrett admission application and additional information about the college and its activities are available at <https://barretthonors.asu.edu> (<https://barretthonors.asu.edu>).

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercrreditguide/app/transfermap?major=9HOHONALL~null + &college=CHO>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Contact Information:

Honors - Barrett, The Honors College
Barrett, The Honors College
<https://barretthonors.asu.edu/>
SGHAL 101

480-965-2354

Integrative Sciences and Arts, College of

Applied Biological Sciences (Applied Biological Sciences), BS (TSABSABS)

Campus: Polytechnic

Program Description:

The BS program in applied biological sciences offers students solid foundations in biology and related sciences while allowing them to focus on an area of special interest. This concentration works well for students interested in pursuing research careers in biology or for students planning to enter graduate or professional programs related to human health including:

- biotechnology
- dentistry
- epidemiology
- medical technology
- medicine
- physical therapy
- physician's assistant programs
- public health

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 251 - Calculus for Life Sciences

Program Math Intensity: Moderate

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Applied Biological Sciences, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercrreditguide/app/transfermap?major=TSABSABS~null + &college=CLS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates may pursue entry-level careers in wildlife and restoration ecology, urban horticulture and secondary education. The general program in applied biological sciences prepares graduates to succeed in graduate and professional schools in disciplines such as:

- biological research
- dentistry
- environmental biotechnology
- human health
- medicine
- physical therapy
- secondary education

Contact Information:

Integrative Sciences and Arts, College of

College of Integrative Sciences and Arts

<https://cisa.asu.edu>

SANCA 233

CISA@asu.edu

480-727-1526

Applied Biological Sciences (Applied Ecology and Preveterinary Medicine), BS (TSABSRBS)

Campus: Polytechnic

ASU is no longer accepting new students to this program. Please explore Degree Search for other similar program options.

Program Description:

The applied ecology and preveterinary medicine concentration is designed for students who want a strong scientific foundation in animal biology and health.

It is especially appropriate for students who plan to enter graduate or professional programs in veterinary medicine, animal health, or wildlife biology and ecology or who plan to start careers related to wildlife biology, ecology, restoration and rangeland management. Public and private career options are diverse and include small- and large-animal veterinary medicine, wildlife veterinary medicine, domestic and wild animal care, animal biology, habitat research and secondary education.

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Applied Biological Sciences, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TSABSRBS~null + &college=CLS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates can pursue numerous entry-level careers in animal health and nutrition. The program in applied biological sciences also prepares graduates to succeed in graduate or professional schools in disciplines such as:

- animal biology
- animal health
- veterinary medicine

Contact Information:

Integrative Sciences and Arts, College of

College of Integrative Sciences and Arts

<https://cisa.asu.edu>

SANCA 233

CISA@asu.edu

480-727-1526

Applied Biological Sciences (Natural Resource Ecology), BS (LSABSNRBS)

Campus: Polytechnic

Program Description:

The BS in applied biological sciences with a concentration in natural resource ecology is for students who are interested in sustainably managing and restoring degraded plant, soil and wildlife resources. Range conservationists, wildlife managers and other ecologists work in a variety of ecosystems to ensure sustainability of our natural resources for future generations.

Graduates of this degree program have the academic background and hands-on experience that allow them to work in government agencies or environmental consulting firms or to enter graduate programs in the area of natural resource ecology.

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 251 - Calculus for Life Sciences

Program Math Intensity: Moderate

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Applied Biological Sciences, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSABSNRBS~null + &college=CLS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Career opportunities include employment in public agencies and private consulting firms, and includes possible positions such as:

- environmental consultant
- environmental research and education
- natural resource manager
- park manager
- range manager
- watershed manager
- wildlife biologist or ecologist

Contact Information:

Integrative Sciences and Arts, College of

College of Integrative Sciences and Arts

<https://cisa.asu.edu>

SANCA 233

CISA@asu.edu

480-727-1526

Applied Biological Sciences (Preveterinary Medicine), BS (LSABSPMBS)

Campus: Polytechnic

Program Description:

The purpose of the concentration in preveterinary medicine in the BS program in applied biological sciences is to prepare undergraduate students to successfully complete the admission requirements for pursuing an advanced degree in veterinary medicine. The concentration curriculum emphasizes a solid foundation in biology, chemistry, physics, animal science and mathematics while offering specialized courses in veterinary medicine and opportunities for placement in internships in the field.

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 251 - Calculus for Life Sciences
Program Math Intensity: Moderate

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Applied Biological Sciences, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSABSPMBS~null + &college=CLS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Career opportunities for graduates of this program may include entry into professional programs in veterinary medicine and animal health including small- and large-animal veterinary medicine, wildlife veterinary medicine, domestic and wild animal care, education and animal biology research.

Contact Information:

Integrative Sciences and Arts, College of

College of Integrative Sciences and Arts

<https://cisa.asu.edu/>

SANCA 233

CISA@asu.edu

602-727-1526

Applied Biological Sciences (Secondary Education in Biology), BS (TSABSSBS)

Campus: Polytechnic

Program Description:

The secondary education in biology concentration is designed for students who want to teach biology at the high school level.

In addition to the standard curriculum, students receive hands-on experience in laboratory instruction in this BS program in applied biological sciences. The goal of the program is to prepare teachers who excel in biology and the related sciences.

Students enrolling in this concentration should also contact the Mary Lou Fulton Teachers College.

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 251 - Calculus for Life Sciences

Program Math Intensity: Moderate

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Applied Biological Sciences, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TSABSSBS~null + &college=CLS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates of this concentration are prepared to pursue numerous entry-level careers in biology. Specific career fields include secondary education, wildlife and restoration ecology and urban horticulture. Employment opportunities exist in private and public sectors. Graduates of the general program in applied biological sciences are also prepared to succeed in graduate or professional schools in disciplines such as:

- animal health
- dentistry
- ecology
- environmental biotechnology
- horticulture
- medicine
- physical therapy
- teaching
- wildlife biology

Contact Information:

Integrative Sciences and Arts, College of

College of Integrative Sciences and Arts

<https://cisa.asu.edu>

SANCA 233

CISA@asu.edu

480-727-1526

Applied Biological Sciences (Sustainable Horticulture), BS (TSABSUBS)

Campus: Polytechnic

Program Description:

The sustainable horticulture concentration within the BS program in applied biological sciences is designed for students who want theory and practical experiences in the unique aspects of the culture of plants in an urban desert environment. Students acquire the skills to produce, design and care for ornamental and edible plantscapes using sustainable technologies.

Students are prepared for a range of horticulture careers in the private and public sectors, including in nursery plant production, landscape design and culture as well as local food production and organic urban farming.

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 251 - Calculus for Life Sciences

Program Math Intensity: Moderate

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Applied Biological Sciences, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TSABSUBS~null + &college=CLS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Horticulture is a multibillion dollar national and international enterprise that offers a diverse and exciting choice of professional careers. Graduates can pursue numerous entry-level careers in horticulture. Employment opportunities exist in private and public sectors. The sustainable horticulture concentration prepares graduates to succeed in graduate or professional schools in disciplines such as:

- aftermarket care of plants
- biology of the plants in desert cities
- care and management of trees in cities
- creation of public, community and private gardens in arid climates
- design and installation of outdoor landscapes including landscape irrigation systems
- integrated pest management
- marketing
- nursery production
- organic farming
- plant identification
- plant propagation

The general program in sustainable horticulture also prepares graduates to succeed in roles such as:

- arboretum or botanical garden manager
- city horticulturist
- city park superintendent or manager
- horticultural consultant
- horticultural plant researcher or educator
- horticulture products and supplies
- horticulture supply sales representative
- integrated pest management specialist
- interior plant specialist
- irrigation system designer or consultant
- landscape designer or contractor
- landscape services company owner or operator
- nursery plant broker and plant salesperson
- nursery production owner or manager
- organic farmer or permaculturist
- plant propagator
- urban forester, tree specialist or arborist
- urban plant ecologist

Career opportunities for urban horticulture graduates are not limited to any one geographic location; graduates can embark on careers throughout the United States, Canada, Mexico and overseas.

Contact Information:

Integrative Sciences and Arts, College of

College of Integrative Sciences and Arts

<https://cisa.asu.edu>

SANCA 233

CISA@asu.edu

480-727-1526

Applied Mathematics, BS (LSMATBS)

Campus: Polytechnic

Program Description:

The BS in applied mathematics offered by the College of Integrative Sciences and Arts is a transdisciplinary program focused on developing flexible problem-solvers who can apply mathematical techniques and skills to a wide range of problems in the sciences, such as biology, social sciences, chemistry, physics and engineering.

The coursework builds a foundation in mathematical modeling, data analysis and the interpretation of mathematical results in real-world settings. Students choose electives in the sciences, technology, engineering or other areas of interest to complement and provide context for their mathematical training.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 270 - Calculus w/Analytic Geometry I

Program Math Intensity: Substantial

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSMATBS~null + &college=CLS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates of this program are prepared to apply their analytic skills and technical knowledge to problems in a range of careers in industry, government, education or nonprofit organizations. They also pursue advanced degrees in the mathematical sciences (e.g., mathematics, statistics and applied mathematics such as in mathematical biology).

Contact Information:

Integrative Sciences and Arts, College of
College of Integrative Sciences and Arts

<https://cisa.asu.edu>

SANCA 233

CISA@asu.edu

480-727-1526

Applied Physics, BS (LSAPHYBS)

Campus: Polytechnic

Program Description:

The acceleration of advances at the frontier between physics, engineering and technology creates a need for interdisciplinary training and research that is not readily accommodated by traditional single-focus programs in physics. Bringing fundamental physics together with its immediate applications, the BS in applied physics is attractive to students whose interests span new physical technologies in industry and engineering. The degree combines physics, computer science and applied mathematics to tackle complex real-life problems in physics, material sciences, engineering, chemistry and others.

This bachelor's degree program brings together the expertise of physics faculty, particularly in the modeling of physical systems, which relies heavily on both modern numerical techniques and fundamental physics. The growing presence of Intel and other high-tech companies in the east valley and metropolitan Phoenix presents a unique opportunity to enhance the students' interaction with industry. Given the importance of hands-on experience, the degree program offers a series of unique courses allowing students interactive involvement in a project-based environment.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 265 - Calculus for Engineers I

Program Math Intensity: Substantial

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSAPHYBS~null + &college=CLS>) to outline a list of

recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates of this program apply their knowledge in high-performance and scientific computing, biophysics, condensed matter physics, chemistry, material science, electrodynamics and radar physics. This knowledge is vital for employment in chemical and pharmaceutical companies, environmental management agencies and firms specializing in scientific software. Graduates are prepared to continue their studies in graduate programs in physics and chemistry.

Contact Information:

Integrative Sciences and Arts, College of
College of Integrative Sciences and Arts
<https://cisa.asu.edu>
SANCA 233
CISA@asu.edu
480-727-1526

Applied Quantitative Science, BS (LSAQSBS)

Campus: Polytechnic

Program Description:

Students learn to integrate and apply STEM-supported skills that are increasingly in demand in the 21st century.

Graduates of the BS in applied quantitative science acquire six habits of mind, a mental practice that becomes increasingly automatic with progress through the curriculum and after, extending into career development. Students are able to:

- apply and project quantitative reasoning to unfamiliar contexts
- communicate well within and without the expert domain
- critically and adaptably think about complex problems
- effectively search through and evaluate information
- experiment creatively and in an informed manner in search of new insights
- use sophisticated insight involving statistical inference and quantitative reasoning

This program is offered as a stand-alone degree on the Polytechnic campus. Students pursuing degrees on all four metropolitan campuses can add this degree as a concurrent degree.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSAQSBS~null + &college=CLS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Increasingly, employers are hiring people who know how to use quantitative information. By completing this degree program, students equip themselves with the skills and knowledge sought by today's employers. People who work in any business or industry need to use quantitative skills to solve problems.

Contact Information:

Integrative Sciences and Arts, College of
College of Integrative Sciences and Arts
<https://cisa.asu.edu>
SANCA 233
CISA@asu.edu
480-727-1526

Applied Science (Applied Leadership), BAS (LSALSBAS)

Campus: Polytechnic, ASU@Cochise, ASU@Pima, ASU@Pinal, ASU@The Gila Valley, ASU@Yavapai, Online

Program Description:

This BAS program prepares students for leadership positions in a wide variety of organizations and career fields. The concentration in applied leadership focuses on the practice of innovative and effective leadership and helps students develop the skills and knowledge that leaders need to solve problems, communicate effectively, resolve conflicts, assess program effectiveness, lead projects and manage resources. It provides a valuable degree pathway for students with Associate of Applied Science degrees in fields such as fire science, environmental technology, machine shop technology and welding technology.

Students learn leadership skills necessary to prepare them to become effective leaders in diverse environments --- applying those skills as team leaders, floor managers and shift captains.

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 117 - College Algebra

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Students applying to this program must have completed an AAS degree from a regionally accredited institution. For students with an Associate of Applied Science from an Arizona community college, the AGECE is recommended but not required. This program is not available for freshmen.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/applied-leadership-bas/>)

Change of Major Requirements:

Only students who have completed a Associate of Applied Science degree are eligible to declare Bachelor of Applied Science majors at ASU.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSALSBAS~null + &college=CLS>) to outline a list of

recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates possess skills and knowledge needed for leadership positions in a wide range of organizations, including business, government, nonprofit agencies and the service industry.

Contact Information:

Integrative Sciences and Arts, College of
College of Integrative Sciences and Arts

<https://cisa.asu.edu>

USE 138

CISA@asu.edu

480-965-4464

Applied Science (Project Management), BAS (LSAPSPMBAS)

Campus: Polytechnic, Tempe, Online

Program Description:

The BAS program in project management offers a skill-driven curriculum to prepare students to be excellent project managers and project management leaders. Students acquire the skills necessary to manage complex projects: project leadership, project quality management, project risk management, project schedule management, project cost management and project resource management.

Students also learn to integrate leadership theory and practice in organizational leadership courses. They learn the skills and knowledge that leaders need to lead diverse teams, innovate, solve problems, communicate effectively, assess leadership and organizational effectiveness, manage resources and use emerging technologies in organizations.

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 117 - College Algebra

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

This program is not available for freshman.

Transfer Admission Requirements:

Students applying to this program must have completed an AAS degree from a regionally accredited institution. For students with an Associate of Applied Science from an Arizona community college, the AGECE is recommended but not required.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/project-management-transfer-degree/>)

Change of Major Requirements:

Students changing their major to this program must have completed an Associate of Applied Science degree from a regionally accredited institution.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSAPSPMBAS~null + &college=CLS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates possess the skills and knowledge needed for project management positions in a wide range of organizations, including business, government, nonprofit agencies and the service industry.

Contact Information:

Integrative Sciences and Arts, College of
College of Integrative Sciences and Arts
<https://cisa.asu.edu>
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Applied Science (Technical Communication), BAS (LSTECBAS)

Campus: Polytechnic

Program Description:

The BAS in applied science with a concentration in technical communication is a flexible degree plan designed specifically for students who have earned an AAS degree from a regionally accredited institution. This major combines the technical experience gained in the student's associate degree program with a broader education of skills in management, leadership, critical thinking and communication.

Technical communication is applied workplace communication that makes technical information understandable and available to many audiences. In the technical communication concentration, students learn how to produce, design and manage information using both traditional and developing technologies.

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements: Students applying to this program must have completed an Associate of Applied Science degree from a regionally accredited institution. This program is not available for freshmen.

Change of Major Requirements:

Only students who have completed a Associate of Applied Science degree are eligible to declare Bachelor of Applied Science majors at ASU.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSTECBAS~null + &college=CLS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

The Bureau of Labor Statistics estimates the need for writers and editors will increase by 25% during the next five years. Software and electronics companies, media corporations, financial institutions, government agencies, nonprofits and other areas will see an increased demand for writers.

Students in the program prepare for careers as:

- advertising and promotions managers
- communications teachers (postsecondary)
- copy writers
- correspondence clerks
- court clerks
- desktop publishers
- editors
- media and communication workers
- proofreaders and copy markers
- public relations specialists
- technical writers

Contact Information:

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<https://cisa.asu.edu>
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480-727-1526

Communication, BA (LSCOMBA)

Campus: Downtown Phoenix, Polytechnic

Program Description:

The BA program in communication in the College of Integrative Sciences and Arts explores how communication processes create, maintain and transform identities, relationships, workplaces and communities.

Through the study and critique of human communication, students gain the knowledge, creativity and understanding to facilitate healthy relationships and workplaces, civil and secure communities and constructive intercultural interaction. With a dual emphasis on urban communication and technology, it allows for a concerted focus on the rapidly changing modalities of communication occurring today.

Students must complete a minimum of 12 upper-division credit hours of COM courses offered by the College of Integrative Sciences and Arts.

Additional Program Fee: N

Second Language Requirement: Yes

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercrreditguide/app/transfermap?major=LSCOMBA-null + &college=CLS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates of the communications program often attend other top-tier graduate schools, law schools and business schools, or find gainful employment in careers such as these:

- advertising and promotions managers
- clinical research coordinators
- communications teachers, postsecondary
- correspondence clerks
- customer service representatives
- distance learning coordinators
- editors
- education administrators, postsecondary
- labor relations specialists
- lawyers
- legal support workers, all other
- marketing managers
- media and communication workers, all other
- meeting, convention and event planners
- middle school teachers
- paralegals and legal assistants
- postsecondary teachers
- public address system and other announcers
- public relations specialists
- retail salespersons
- sales and related workers
- sales managers
- sales representatives
- secondary school teachers
- survey researchers
- training and development managers
- training and development specialists

Contact Information:

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602-496-0271

Counseling and Applied Psychological Science, BS (LSCAPSBS)

Campus: Polytechnic

Program Description:

Counseling and applied psychological science is a specialty in promoting psychological well-being. Counselors and applied psychologists provide the tools and resources necessary for individuals, families and organizations to cope with everyday problems.

The BS program in counseling and applied psychological science provides foundational training in counseling theories, addictions, trauma, lifespan development, group counseling and professional ethics. A unique aspect of the program is its attention to cultural diversity, which focuses on age, gender, race, ethnicity, sexual orientation, religion and socioeconomic status.

Graduates may qualify for employment in behavioral health care delivery settings such as community agencies, hospitals and rehabilitation centers to support counselors and other mental health professionals. Graduates are prepared for a variety of careers, such as behavioral health

technicians, vocational rehabilitation assistants, human service workers and life-skills instructors. Graduates are not license-eligible as professional counselors but are well-prepared to enter graduate degree programs in counseling and related fields.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 170 - Precalculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSCAPSBS~null + &college=CLS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

A degree in counseling and applied psychological science prepares students for careers in various settings:

- community centers
- government (sales and marketing, human resources management)
- mental health professions (youth counselor, substance abuse counselor, behavioral health technician)
- social services (high school psychology teacher, occupational analyst)
- schools and colleges (school psychologists, educators, professors)
- substance abuse treatment clinics

Advanced degrees or certifications may be required for academic or clinical positions.

The degree also provides an excellent foundation for graduate study in disciplines such as counselor education, counseling psychology, clinical psychology, social work and family studies.

The Bureau of Labor Statistics shows the job outlook (2016 to 2026) for substance abuse, behavioral disorder and mental health counselors is 23%, which is "much faster than average."

Contact Information:

Integrative Sciences and Arts, College of

College of Integrative Sciences and Arts

<https://cisa.asu.edu>

SANCA 233

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480-727-1526

Counseling and Applied Psychological Science (Substance Abuse and Addictions), BS (LSCAPSAABS)

Campus: Polytechnic

Program Description:

The substance abuse and addictions concentration of the BS program in counseling and applied psychological science provides coursework in counseling skills and techniques as they relate to substance abuse and addictions. Counseling and applied psychological science is a specialty in promoting psychological well-being. Students in this concentration program acquire the necessary skills in screening, assessing, diagnosing and planning treatment of patients afflicted with substance abuse, addictions and related disorders. While this program does not make students license-eligible counselors, the coursework is designed to meet the requirements for the Licensed Substance Abuse Technician credential through AzBBHE, the Arizona Board of Behavioral Health Examiners.

Additional Program Fee: Y**Second Language Requirement:** N**First Required Math Course:** MAT 170 - Precalculus**Program Math Intensity:** Moderate**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)International (<https://students.asu.edu/international/future>)Readmission (<https://students.asu.edu/readmission>)**Change of Major Requirements:**

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSCAPSAABS~null + &college=CLS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

The projected job outlook for substance abuse and behavioral disorder counselors is estimated to increase by 22% from 2014-2024. A licensed substance abuse technician is the entry-level position to serve clients who struggle with substance use and addictions. The LSAT assists substance abuse counselors in all prevention and intervention efforts to individuals, groups and organizations. The LSAT credential prepares students for careers in substance abuse treatment clinics, community centers, social services and education settings, under the supervision of licensed mental health professionals.

Contact Information:

Integrative Sciences and Arts, College of

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English, BA (LSENGBA)

Campus: Polytechnic**Program Description:**

The BA program in English focuses on effective writing, critical thinking and reading of sophisticated literary and nonliterary texts. The faculty teach courses in English, American and world literature from the Classical period to the present, creative and academic writing and American and international film. Internships in online publishing are also offered through ASU's acclaimed online literary journal, Superstition Review: <https://superstitionreview.asu.edu/> (<https://superstitionreview.asu.edu/>).

Students must complete a minimum of 12 upper-division credit hours of ENG courses offered by the College of Integrative Sciences and Arts.

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Organizational Leadership, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements: A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LENGBA-null + &college=CLS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

The bachelor's degree program in English prepares scholars and teachers for graduate or professional study and for careers in education, writing and other related fields. Career prospects for secondary language arts teachers in Arizona are particularly strong. More importantly, students in the program develop skills that employers value, such as analyzing ideas and problems, finding and evaluating information, communicating effectively and presenting clear and logical arguments. With these skills, graduates of the program can find jobs such as these:

- advertising and promotions managers
- broadcast news analysts
- copy writers
- court reporters
- editors
- English language and literature teachers
- judicial law clerks
- lawyers
- legal support workers
- marketing managers
- media and communication workers
- middle school teachers
- paralegals and legal assistants
- poets, lyricists and creative writers
- postsecondary teachers
- public relations specialists
- sales managers
- sales representatives
- secondary school teachers

- teachers and instructors
- technical writers
- writers and authors

Contact Information:

Integrative Sciences and Arts, College of
 College of Integrative Sciences and Arts
<https://cisa.asu.edu>
 SANCA 233
 CISA@asu.edu
 480-727-1526

Exploratory Health and Life Sciences, (UCHSCIEXPL)

Campus: Downtown Phoenix, Polytechnic, Tempe, ASU@Lake Havasu, Online

Program Description:

The exploratory health and life sciences track offers students an opportunity to explore a variety of majors related to the health and life science professions.

ASU recognizes that many students are not ready to choose a specific academic program of study when first entering the university. Allowing students the option to declare exploratory status permits them to begin meeting General Studies requirements that all ASU graduates must fulfill while affording them some time to explore a variety of academic courses that may lead to a potential major interest.

All College of Integrative Sciences and Arts exploratory students are required to enroll in the following major and career exploration courses, which must be taken sequentially:

- UNI 150 Major and Career Exploration (1)
- UNI 250 Choosing a Major (1)
- UNI 270 Career Direction for Success (1)

For a complete list of all majors associated with this exploratory track, students should refer to <https://cisa.asu.edu/exp-health-life-sciences-majors> (<https://cisa.asu.edu/exp-health-life-sciences-majors>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: Math courses needed will be determined by potential major choice.

Program Math Intensity: General

Admission Requirements:

- General University Admission Requirements:
- All students are required to meet general university admission requirements.
- Freshman (<https://students.asu.edu/freshman/requirements>)
- Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)
- International (<https://students.asu.edu/international/future>)
- Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/exploratory/exploratory-health-life-sciences/>)

Change of Major Requirements:

Students who have completed fewer than 45 college credit hours may change to exploratory status.

Details for declaring all College of Integrative Sciences and Arts majors are available at <https://cisa.asu.edu/advising> (<https://cisa.asu.edu/advising>).

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=UCHSCIEXPL-null + &college=CLS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Career opportunities are specific to the ultimate major of choice.

Contact Information:

Integrative Sciences and Arts, College of
College of Integrative Sciences and Arts
<https://cisa.asu.edu/>
USE 138
exploratory@asu.edu
480-965-4464

Exploratory Humanities, Fine Arts and Design, (UCHUFAEXPL)

Campus: Downtown Phoenix, Polytechnic, Tempe, ASU@Lake Havasu, Online

Program Description:

The exploratory humanities, fine arts and design track offers students an opportunity to explore a variety of majors related to the humanities, fine arts and design professions.

ASU recognizes that many students are not ready to choose a specific academic program of study when first entering the university. Allowing students the option to declare exploratory status permits them to begin meeting General Studies requirements that all ASU graduates must fulfill while affording them some time to explore a variety of academic courses that may lead to a potential major interest.

All College of Integrative Sciences and Arts exploratory students are required to enroll in the following major and career exploration courses, which must be taken sequentially:

UNI 150 Major and Career Exploration (1)

UNI 250 Choosing a Major (1)

UNI 270 Career Direction for Success (1)

For a complete list of all majors associated with this exploratory track, students should reference <https://cisa.asu.edu/exp-art-design-humanities-majors> (<https://cisa.asu.edu/exp-art-design-humanities-majors>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: Math courses needed will be determined by potential major choice.

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/exploratory/exploratory-humanities-fine-arts-design/>)

Change of Major Requirements:

Students who have completed fewer than 45 college credit hours may change to exploratory status.

Details for declaring all CISA majors are available at <https://cisa.asu.edu/advising> (<https://cisa.asu.edu/advising>).

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transferecreditguide/app/transfermap?major=UCHUFAEXPL~null + &college=CLS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Career opportunities are specific to the ultimate major of choice.

Contact Information:

Integrative Sciences and Arts, College of
College of Integrative Sciences and Arts

<https://cisa.asu.edu/>

USE 138

exploratory@asu.edu

480-965-4464

Exploratory Math, Physical Sciences, Engineering and Technology, (UCEMTPEXPL)

Campus: Downtown Phoenix, Polytechnic, Tempe, Online

Program Description:

The exploratory mathematics, physical sciences, engineering and technology track offers students an opportunity to explore a variety of majors related to the mathematics, physical sciences, engineering and technology professions.

ASU recognizes that many students are not ready to choose a specific academic program of study when first entering the university. Allowing students the option to declare exploratory status permits them to begin meeting General Studies requirements that all ASU graduates must fulfill while taking some time to explore a variety of academic courses that may lead to a potential major interest.

All College of Integrative Sciences and Arts exploratory students are required to enroll in the following major and career exploration courses, which must be taken sequentially:

UNI 150 Major and Career Exploration (1)

UNI 250 Choosing a Major (1)

UNI 270 Career Direction for Success (1)

For a complete list of all majors associated with this exploratory track, students should reference <https://cisa.asu.edu/exp-engineering-math-technology-physical-sciences-majors> (<https://cisa.asu.edu/exp-engineering-math-technology-physical-sciences-majors>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 117 - College Algebra Math courses needed will be determined by potential major choice.

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/exploratory/exploratory-math-physical-sciences-engineering/>)

Change of Major Requirements:

Students who have completed fewer than 45 college credit hours may change to exploratory status.

Details for declaring all CISA majors are available at <https://cisa.asu.edu/advising> (<https://cisa.asu.edu/advising>).

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercrreditguide/app/transfermap?major=UCEMTPEXPL~null + &college=CLS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Career opportunities are specific to the ultimate major of choice.

Contact Information:

Integrative Sciences and Arts, College of
College of Integrative Sciences and Arts
<https://cisa.asu.edu/>
USE 138
exploratory@asu.edu
480-965-4464

Exploratory Social and Behavioral Sciences, (UCSBSEXPL)

Campus: Downtown Phoenix, Polytechnic, Tempe, ASU@Lake Havasu, Online

Program Description:

The exploratory social and behavioral sciences track offers students an opportunity to explore a variety of majors related to the social and behavioral sciences, such as psychology, history, education, journalism and business-related careers.

ASU recognizes that many students are not ready to choose a specific academic program of study when first entering the university. Allowing students the option to declare exploratory status permits students to begin meeting General Studies requirements that all ASU graduates must fulfill while taking some time to explore a variety of academic courses that may lead to a potential major interest.

All College of Integrative Sciences and Arts exploratory students are required to enroll in the following major and career exploration courses, which must be taken sequentially:

UNI 150 Major and Career Exploration (1)
UNI 250 Choosing a Major (1)
UNI 270 Career Direction for Success (1)

For a complete list of all majors associated with this exploratory track, students should reference <https://cisa.asu.edu/exp-social-behavioral-sciences-majors> (<https://cisa.asu.edu/exp-social-behavioral-sciences-majors>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: Math courses needed will be determined by potential major choice.

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/exploratory/exploratory-social-behavioral-sciences/>)

Change of Major Requirements:

Students who have completed fewer than 45 college credit hours may change to exploratory status.

Details for declaring all CISA majors are available at <https://cisa.asu.edu/advising> (<https://cisa.asu.edu/advising>).

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=UCSBSEXPL~null + &college=CLS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Career opportunities are specific to the ultimate major of choice.

Contact Information:

Integrative Sciences and Arts, College of
College of Integrative Sciences and Arts
<https://cisa.asu.edu/>
USE 138
exploratory@asu.edu
480-965-4464

General Studies, BA (LSGNSBGS)

Campus: Downtown Phoenix, Polytechnic, ASU@Lake Havasu

Program Description:

The BA program in general studies offers students a flexible, innovative path to degree completion. Graduates of the program are informed and effective members of society who are well prepared for a changing global marketplace with its diverse cultures.

The theme of this degree is society and the individual. Students explore the tensions between individualism and collectivism, the public and private selves and the interplay of culture and identity.

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Global Management, MGM

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSGNSBGS-null + &college=CLS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Students who have majored in general studies have the option of working in almost any field that requires effective interaction with others, from sales to social services and organizational management to government administration. Graduates are equipped with transferable skills highly desired by many employers; therefore, a wide array of job choices are available. The bachelor's degree creates great flexibility in career choice because of the versatility within the program.

Graduates may choose to enter occupations for which their cluster prepares them, including:

- administrative services manager
- curator
- medical and health service
- middle school teacher
- postsecondary teacher
- property, real estate and community association managers
- public relations specialist
- purchasing manager
- real estate sales agent
- sales manager
- writer and author

Contact Information:

Integrative Sciences and Arts, College of
College of Integrative Sciences and Arts

<https://cisa.asu.edu>

AZCNTR 383

CISA@asu.edu

602-496-0271

History, BA (LSHISBA)

Campus: Polytechnic

Program Description:

The BA program in history focuses on American history, with coursework in European, Latin American and global historical perspectives. Faculty expertise includes the history of technology and science, biography, war and its effect on society, public history, aviation, environmental history and related fields.

Students are trained in methods of historical research and study the development of human society from social, cultural and political perspectives. The capstone course and other research courses allow students to apply research and writing skills as practitioners of history and creators of analytical narratives.

Students must complete a minimum of 12 upper-division credit hours of HST courses offered by the College of Integrative Sciences and Arts.

Students who would like to combine this degree with teaching certification should contact the Mary Lou Fulton Teachers College.

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Organizational Leadership, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSHISBA~null + &college=CLS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

The bachelor's degree program in history prepares scholars and teachers for graduate and professional studies and for careers in education, writing and other related fields. Career prospects for secondary history and social studies teachers in Arizona are particularly strong. Students in the program develop skills in:

- analyzing and assessing ideas and problems
- communicating effectively orally and in prose
- finding and evaluating information
- presenting clear and logical arguments

With these skills, graduates of this program may find jobs in:

Public History

- archivists
- museum curators
- museum technicians and conservators

Legal Professions

- court reporters
- law clerks
- lawyer
- paralegal and legal assistants

Education

- college and university faculty
- middle school teachers
- secondary school teachers

Media and Communication

- broadcast news analysts
- historians
- media and communication workers
- news columnists
- reporters and correspondents
- writers

The degree program also prepares students to continue in graduate and professional programs.

Contact Information:

Integrative Sciences and Arts, College of
College of Integrative Sciences and Arts
<https://cisa.asu.edu>
SANCA 233
CISA@asu.edu
480-727-1526

History of Science, Ideas and Innovation, BA (LSHSIIBA)

Campus: Polytechnic

Program Description:

The BA program in the history of science, ideas and innovation provides students with a grounding in the social and intellectual issues central to understanding the role of science, technology and ideas from past to present.

This transdisciplinary degree program encourages students to combine coursework in the natural and applied sciences with historical and philosophical approaches to social knowledge. Students majoring or minoring in the history of science, ideas and innovation program graduate with a foundation for advanced work either in the humanities, the sciences or in transdisciplinary fields bridging written and technical work.

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSHSIIBA~null + &college=CLS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates of the history of science, ideas and innovation program are prepared for successful careers in a wide range of fields, including science and technical writing, consulting, museum studies, the digital humanities and other fields that benefit from transdisciplinary exchange. Graduates are also prepared to enter advanced programs in history and science as well as law and medical schools.

Contact Information:

Integrative Sciences and Arts, College of
College of Integrative Sciences and Arts
<https://cisa.asu.edu>
SANCA 233
CISA@asu.edu

Integrative Social Science, BS (LSISSBS)

Campus: Polytechnic

Program Description:

The BS in integrative social science is designed to cross-educate students in the disciplines of the social sciences to meet the complex issues that confront human society in the 21st century.

The emphasis of the program lies in bridging traditional disciplinary boundaries to immerse students in the myriad of theories and skills available across disciplines, allowing for true fusion of ideas and methodologies which otherwise may elude them with traditional, single-discipline social science programs.

Graduates of the program are prepared with theory and research skill sets that allow them to draw from the best of the multiple disciplines of the social sciences as they confront a technically sophisticated world.

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Integrative Social Science, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSISSBS-null + &college=CLS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Because of their mastery of the multiple methodologies of the social sciences, graduates of the program have many more professional opportunities available to them than their peers with single-discipline training. Graduates pursue a variety of careers, exemplified by this partial list:

- conflict resolution experts
- counselors or case workers
- data analysts
- environmental assessment experts
- facilitators
- organization managers (private, public and nonprofit)
- policy analysts
- program evaluators

- public relations officers
- public safety and criminal justice professionals
- sustainability experts

Contact Information:

Integrative Sciences and Arts, College of
 College of Integrative Sciences and Arts
<https://cisa.asu.edu>
 SANCA 233
 CISA@asu.edu
 480-727-1526

Interdisciplinary Studies, BA (LSBISBIS)

Campus: Downtown Phoenix, Polytechnic, Tempe, Online

Program Description:

The ASU BA program in interdisciplinary studies, one of the top five in the country, offers students the freedom to select two areas of study, referred to as concentration areas, from a rich menu of more than 150 possibilities. Concentration checksheets are available at <https://cisa.asu.edu/interdisciplinary-studies-concentrations> (<https://cisa.asu.edu/interdisciplinary-studies-concentrations>).

The core curriculum provides students the intellectual tools to integrate their concentration areas, engage in transdisciplinary problem-solving and prepare for careers and graduate programs that increasingly cross disciplinary boundaries. An interdisciplinary studies student could choose to integrate concentrations like business and project management, psychology and social welfare, communication and justice studies, public administration and ethics, digital culture and computer gaming or many other unique combinations.

Interdisciplinary studies is an approach to answering questions, solving problems and addressing contemporary social issues from multiple perspectives. Interdisciplinary studies students take an active role in designing their educational plans and defining their career goals. The degree emphasizes written communication, versatility, self-assessment and critical thinking --- essential skills for today's dynamic world.

Those interested in the online program for interdisciplinary studies may visit the ASU Online website for more information.

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to choose either a 2.5- or a 3-year path while participating in the same high-quality educational experience of a 4-year option. Students can opt to fast-track their studies after acceptance into a participating program by connecting with their academic advisor. Fast track options appear at the top of the major map.

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Organizational Leadership, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

The program is available to all students in good academic standing who have achieved sophomore, junior or senior standing. Students should meet

with an advisor to declare their major as interdisciplinary studies.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-interdisciplinary-studies/>)

Change of Major Requirements:

There are no additional requirements for current ASU students to change majors into this program; however, students interested in the interdisciplinary studies major are highly encouraged to meet with an advisor.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSBISBIS~null + &college=CLS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Because of the flexibility of the interdisciplinary studies program, graduates take many exciting career paths after leaving ASU. While some students complete graduate or professional degrees, others immediately enter the job market. For example, one graduate combined business and communication and now owns a small business; another integrated sociology and family studies to further a career in law enforcement; another studied philosophy and economics to prepare for law school; another combined biology and chemistry in preparation to pursue a master of pharmacy degree; yet, another studied Spanish and religious studies and now works as an employee trainer for a major company.

Possible career opportunities include:

- archivist
- chief executive
- climate change analyst
- compliance manager
- computer network support specialist
- curator
- editor
- environmental restoration planner
- general and operations manager
- regulatory affairs manager
- reporters and correspondent
- web developer
- wholesale and retail buyer (except farm products)

Contact Information:

Integrative Sciences and Arts, College of
College of Integrative Sciences and Arts
<https://cisa.asu.edu>
USE 138
CISA@asu.edu
480-965-4464

Interdisciplinary Studies (Organizational Studies), BA (LSORGBIS)

Campus: Online

Program Description:

Interdisciplinary studies is an approach to answering questions, solving problems and addressing contemporary social issues from multiple perspectives. Interdisciplinary students develop the intellectual tools needed to build bridges between academic disciplines and apply their skills, innovations and knowledge in various academic and practical settings.

The BA degree in organizational studies is intended for students seeking an interdisciplinary degree and who possess a desire to learn about the dynamics of contemporary organizations. Organizational studies students gain valuable knowledge of management styles, communication

strategies, technologies, diversity, ethics and politics. All coursework for organizational studies is offered online, giving students freedom and flexibility in completing their requirements.

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Organizational Leadership, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-interdisciplinary-studies-organizational-studies/>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSORGBIS~null + &college=CLS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

By engaging in a breadth of knowledge and experience, and by acquiring the skills to integrate various domains of knowledge, students prepare themselves for a range of professions, including:

- human resources specialists
- industrial organizational psychologists
- investment fund managers
- loss prevention managers
- management analysts
- regulatory affairs managers
- supply chain managers
- urban and regional planners

Many students majoring in organizational studies already have a chosen career field, yet desire a degree that is versatile, flexible, meaningful and that affords the opportunity for continued career development and advancement. Because of the flexibility of the program, organizational studies graduates take many different career paths after finishing their degree. Recent graduates have found opportunities in many exciting fields, such as:

- business
- education
- health care administration
- nonprofit administration

- tourism

Contact Information:

Integrative Sciences and Arts, College of
College of Integrative Sciences and Arts
<https://cisa.asu.edu>
USE 138
CISA@asu.edu
480-965-4464

Liberal Studies, BA (LABLSBLS)

Campus: Polytechnic, Online

Program Description:

The BA program in liberal studies helps address student interests in a broad array of disciplines and subject matter. The program aims to give students the grounding to use knowledge as more successful thinkers, decision-makers and leaders. The liberal studies core classes are designed to promote critical and creative thinking as students learn how to draw upon diverse disciplinary perspectives and modes of inquiry, help advance communication skills and support professional career development.

Students majoring in liberal studies have become part of an international movement in higher education. This movement has proven empowering to people who are given the flexibility to explore multiple interests or approach a particular interest from various perspectives. Students are not alone in their chosen path. In fact, this program is just one of hundreds of similar programs offered in colleges and universities across the nation.

The program shares with all other liberal arts and science degrees the goal of developing analytical and communicative abilities. The program offers breadth of learning in an online setting. The liberal studies degree is transdisciplinary, providing students a thematic approach to education.

Those interested in the online program for liberal studies may visit the ASU Online website for more information.

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Organizational Leadership, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Admission Requirements:

The MyPath2ASU[®] pathway allows Arizona transfer students to complete a prescribed sequence of courses that meet the requirements for the community college's Associate of Arts degree along with the lower-division requirements for the ASU major.

Students completing their ASU degree at Yuma: Once the MyPath2ASU[®] pathway requirements are complete, students complete the remaining requirements for the ASU bachelor's degree at the community college.

Students should visit <https://admission.asu.edu/transfer> (<https://admission.asu.edu/transfer>) for more information about ASU degrees offered at local community colleges.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-liberal->

studies/)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercrreditguide/app/transfermap?major=LABLSBLS~null + &college=CLS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Liberal studies graduates are prepared to enter the workforce or pursue graduate or professional studies.

Liberal studies courses prepare students for the following careers, among others. Some career options may require additional training or schooling:

- chief executives
- data warehousing specialists
- document management specialists
- elementary, middle and high school principals
- emergency medical technicians and paramedics
- general and operations managers
- human resources specialists
- industrial ecologists
- lawyers
- paralegals and legal assistants
- police detectives
- postsecondary teachers
- technical writers
- web administrators

Contact Information:

Integrative Sciences and Arts, College of
College of Integrative Sciences and Arts
<https://cisa.asu.edu>
USE 138
cisaonline@asu.edu
480-965-4464

Organizational Leadership, BA (LSORGLBA)

Campus: Polytechnic, ASU@Cochise, ASU@Lake Havasu, ASU@Pima, ASU@Pinal, ASU@The Gila Valley, ASU@Yuma, ASU@Yavapai, Online

Program Description:

The BA program in organizational leadership uses transdisciplinary methods that prepare students to become leaders in organizations. Students develop the skills and knowledge that leaders need to solve problems, communicate effectively, assess programs, manage resources and use emerging technologies in organizations. Students are prepared for a range of positions in the public and private sectors, including in government, health care administration, nonprofit agencies, businesses and the service industry.

Students interested in completing the BA program in the Gila Valley, Pinal County, Cochise County, Pima County, Yavapai County or Yuma are encouraged to complete a MyPath2ASU program. Students should see admission requirements below.

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Online: MAT 142 or MAT 117 or higher.

Lake Havasu: MAT 117 or higher. Students simply need to fulfill the General Studies math requirement.

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to choose either a 2.5- or a 3-year path while participating in the same high-quality educational experience of a 4-year option. Students can opt to fast-track their studies after acceptance into a participating program by connecting with their academic advisor. Fast track options appear at the top of the major map.

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Organizational Leadership, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Admission Requirements:

The MyPath2ASU[®] pathway allows Arizona transfer students to complete a prescribed sequence of courses that meet the requirements for the community college's Associate of Arts degree along with the lower-division requirements for the ASU major.

Students completing their ASU degree at Yuma: Once the MyPath2ASU[®] pathway requirements are complete, students complete the remaining requirements for the ASU bachelor's degree at the community college.

Students should visit <https://admission.asu.edu/transfer> (<https://admission.asu.edu/transfer>) for more information about ASU degrees offered at local community colleges.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-organizational-leadership/>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSORGLBA~null + &college=CLS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates possess skills and knowledge needed for leadership positions in a wide range of organizations, such as business, government, health care administration, nonprofit agencies and the service industry. Students who complete the program on the ground in Lake Havasu City choose from three concentrations, with the following job titles based on information from other universities with similar degrees.

organizational behavior:

- community relations manager
- director of employee services
- diversity specialist
- director of training
- knowledge manager
- performance evaluation specialist

organizational leadership:

- director of youth development

- deputy sheriff trainee
- executive assistant
- housing assistant
- knowledge manager
- organization development consultant
- sales executive
- sales manager
- service manager
- supervisor
- talent manager

project management:

- account manager
- facilities manager
- project manager
- senior video producer

Contact Information:

Integrative Sciences and Arts, College of
 College of Integrative Sciences and Arts
<https://cisa.asu.edu>
 USE 138
 CISA@asu.edu
 480-965-4464

Organizational Leadership (Project Management), BA (LSORGLPMBA)

Campus: Polytechnic, Tempe, ASU@Cochise, ASU@Pima, ASU@Pinal, ASU@The Gila Valley, ASU@Yavapai, Online

Program Description:

The BA program in organizational leadership with a concentration in project management offers theoretically and skill-driven curriculum to prepare students to be excellent project managers and project management leaders.

Students learn to integrate leadership theory and practice in organizational leadership courses. They learn the skills and knowledge that leaders need to lead diverse teams, innovate, solve problems, communicate effectively, assess leadership and organizational effectiveness, manage resources and use emerging technologies in organizations. Students also acquire the skills necessary to manage complex projects: project leadership, project quality management, project risk management, project schedule management, project cost management and project resource management.

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Organizational Leadership, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/organizational-leadership-project-management-ba/>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercrreditguide/app/transfermap?major=LSORGLPMBA~null + &college=CLS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Students are prepared for a range of positions in the public and private sectors, including in government, information technology, nonprofit agencies, businesses of many kinds and in the service industry. Students are prepared for jobs as technical project managers, project managers, senior project managers, portfolio or project managers, program managers, directors of project management, project managers: agile, etc. In addition, students may seek advanced study in the form of the Project Management Professional credential, graduate and postbaccalaureate degrees.

According to the U.S. Bureau of Labor Statistics, project manager salaries range anywhere from \$74,000 to \$100,000. The BLS also indicates that the average project manager receives a little more than \$42 per hour in wages.

Contact Information:

Integrative Sciences and Arts, College of
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480-965-4464

Political Science, BS (LSPOLBS)

Campus: Polytechnic

Program Description:

The BS in political science gives students the background and skills they need to gain employment in a relevant profession, to continue their studies in graduate programs in political science or in the social sciences or to pursue a particular discipline at a professional school. The program helps students understand the assumptions underlying political science and develop the research skills to analyze complex socio-political issues. Those objectives are accomplished by offering a flexible program and by providing students with both individual and group experiences, working with faculty on concrete intellectual and policy issues.

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Integrative Social Science, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transferecreditguide/app/transfermap?major=LSPOLBS~null + &college=CLS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

The program serves as good preparation for staff, manager or policy analyst positions in local, state and federal government. This degree is recognized by employers as qualification for many careers in business (for-profit and nonprofit) and industry. Opportunities may include positions that involve binational, crossborder positions linking U.S. and Mexican businesses, Arizona-Sonora local government or local community groups on both sides of the border.

Many students use the degree as a gateway to law school or as a basis for further study in such applied fields as:

- community development
- political science
- public administration
- public policy
- social science
- urban affairs
- urban and regional planning

Contact Information:

Integrative Sciences and Arts, College of
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Psychology, BA (LSPGSBA)

Campus: Polytechnic

Program Description:

Psychology is the scientific study of mind and behavior.

The BA in psychology program emphasizes critical thinking, empirical research methods and writing and adds practical experience through internships, service-learning and faculty-supervised research. The Bachelor of Arts program provides a broad foundation in psychology and affords students the flexibility to choose from a variety of courses outside the major.

Graduates are prepared for employment or preparation for graduate study in applied psychology and related fields (e.g., social work, counseling and management).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 170 - Precalculus OR MAT 119

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transferecreditguide/app/transfermap?major=LSPGSBA~null + &college=CLS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

The Bureau of Labor Statistics shows that the job outlook (2016-26) for psychologists is 14% (which is "faster than average").

A degree in psychology prepares students for a career in various settings:

- consulting firms
- government (sales and marketing, human resources, research, administration, management)
- hospitals
- industries and organizations
- mental health agencies
- social services (high school psychology teacher, occupational analyst)

The degree also provides an excellent foundation for graduate study in fields such as public administration, law, family studies, communication and the various graduate program fields in psychology:

- clinical and counseling
- cognitive neuroscience
- developmental
- environmental
- health
- physiological
- social

Contact Information:

Integrative Sciences and Arts, College of

College of Integrative Sciences and Arts

<https://cisa.asu.edu>

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Psychology, BS (LSPGSBS)

Campus: Polytechnic

Program Description:

Psychology is the scientific study of mind and behavior.

The BS program in psychology emphasizes critical thinking, reasoning, quantitative research and scientific writing.

The Bachelor of Science prepares students for graduate study in quantitative, experimental, environmental, biological and clinical psychology as well as related fields (e.g., medicine and behavioral neuroscience). The bachelor's degree program also prepares students for employment in social services, industry and government organizations.

Additional Program Fee: N

Second Language Requirement: N**First Required Math Course:** MAT 170 - Precalculus**Program Math Intensity:** Moderate**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)International (<https://students.asu.edu/international/future>)Readmission (<https://students.asu.edu/readmission>)**Change of Major Requirements:**

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.**Transfer Options:**ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSPGSBS~null + &college=CLS>) to outline a list of recommended courses to take prior to transfer.ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.**Career Opportunities:**

The Bureau of Labor Statistics shows that the job outlook (2016-2026) for psychologists is 14%, which is much faster than average.

A degree in psychology prepares students for a career in various settings:

- consulting firms
- government (sales and marketing, human resources, research, administration, management)
- hospitals
- industries and organizations
- mental health agencies
- social services (high school psychology teacher, occupational analyst)
- clinical and counseling

The degree program also provides an excellent foundation for graduate study in fields such as public administration, law, family studies, communication and the various graduate program fields in psychology:

- cognitive neuroscience
- developmental
- environmental
- experimental
- physiological
- social

Contact Information:

Integrative Sciences and Arts, College of

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<https://cisa.asu.edu>

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Science, Technology and Society, BS (ECSTSBS)**Campus:** Polytechnic**Program Description:**

Questions surrounding the interaction of science, technology and human systems are highly transdisciplinary and cultural, requiring analytical

techniques that transcend space and time. Thus, the BS program in science, technology and society stresses the need to step outside both disciplinary and cultural boxes in pursuit of knowledge.

Accordingly, the program is heavy on cultural and information literacy and critical thinking. The primary goal is to produce generalists who understand the intricate interrelationship of science, technology and society and who are armed with the technical skills to change their environment.

The following three tracks are available: general science, technology and society; global technology and development; and science, technology and governance. Students may use the general science, technology and society track to design targeted programs of their choosing, including premedical and prelaw.

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Integrative Social Science, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ECSTSBS~null + &college=CLS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

The bachelor's degree program in science, technology and society prepares professionals and scholars for careers in the 21st-century world focusing primarily, but not exclusively, on the interaction of science and technology with human systems. The program focuses on the development of the technical skills required to audit social, political and policy impacts of technological advancement and the competence required to navigate questions surrounding the future trajectory of science and technology. Graduates are prepared for graduate or professional study or professional careers as:

- commercial and industrial designers
- compliance managers
- environmental restoration planners
- public relations specialists
- recycling coordinators

- regulatory affairs specialists
- sales representatives (wholesale, manufacturing, technical, scientific products)
- sustainability specialists
- training and development specialists
- transportation planners
- urban and regional planners

Contact Information:

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 480-727-1526

Technical Communication, BS (LSTECBS)

Campus: Polytechnic, Online

Program Description:

Technical communication is applied workplace communication that makes technical or specialized information understandable and available to many different users. It involves using a range of technologies to craft an ever-expanding array of print and digital information products: websites, social media sites, help files, training materials, grants and proposals, and information graphics, to name just a few.

Technical communicators work in many professional roles, such as information developers, grant writers, web interface designers or usability experts. What all of these roles have in common is the focus on creating accessible and appealing communication that has a practical purpose and is intended for a particular audience.

In the technical communication program, students learn how to write, design, produce and manage print and digital information using traditional and developing technologies.

The BS degree program in technical communication in the College of Integrative Sciences and Arts is the only undergraduate technical communication degree program available in the state of Arizona.

Those interested in the technical communication online program may visit the ASU Online website for more information.

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-technical-communication/>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSTECBS~null + &college=CLS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

The Bureau of Labor Statistics estimates that job growth in technical writing and related areas will continue to be significantly higher than average during the next five years. Software and electronics companies, media corporations, financial institutions, government agencies, nonprofits and other areas will see an increased demand for writers. Students in the program prepare for careers as:

- communications teachers (postsecondary)
- computer user support specialists
- copy writers
- desktop publishers
- editors
- media and communication workers
- proofreaders and copy markers
- public relations specialists
- technical writers
- web developers

Contact Information:

Integrative Sciences and Arts, College of
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Technical Communication (User Experience), BS (LSTECUBS)

Campus: Polytechnic, Online

Program Description:

The user experience concentration of the BS degree in technical communication provides technical communication majors with an interdisciplinary foundation in communication, research and design that is central to the rapidly growing area of user experience.

The program provides students with a conceptual understanding and applied skills in methods of gathering user information, analyzing data and communicating research findings to stakeholders. Although its disciplinary home and primary focus is technical communication, the concentration includes courses from human systems engineering and graphic information technology in order to provide students with the multiple perspectives and complementary skills needed for user experience work.

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/technical->

communication-user-experience-bs/)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transferecreditguide/app/transfermap?major=LSTECUBS~null + &college=CLS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Technical communicators with expertise in user experience have numerous career opportunities in growth areas such as user experience research, user-centered design, information design, interaction design, information architecture, content strategy and usability analysis.

Contact Information:

Integrative Sciences and Arts, College of
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480-727-1526

Interdisciplinary Arts & Sciences, New College of

Applied Computing, BS (ASACOBS)

Campus: West

Program Description:

Students in the BS program in applied computing learn a computer science foundation and then explore the established knowledge and emerging developments in the high-demand areas of database systems, computer networks and cybersecurity. The program also provides the opportunity to investigate interdisciplinary connections, including the combination of computing with its real-world application in other disciplines through concurrent degrees and minors. Hands-on class projects, internships, industry partnerships and authentic and impactful research conducted with faculty provide numerous opportunities for students to apply their knowledge before they graduate. Students use their programming expertise, systems knowledge and critical thinking skills to effectively problem-solve and articulate their experience through presentations, scientific posters and professional papers.

With the depth of knowledge and experience in databases, networks and cybersecurity, graduates have a strong foundation in systems with established interconnections among these fields, preparing them for graduate study and careers that include cybersecurity analysts, database architects and network engineers.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Global Management, MGM

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic

departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASACOBBS-null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates are prepared to integrate technology with human activities, respond to global changes, solve problems and create and manage the technological production of information and creative products. Core information technology industries are among the fastest growing sectors in the U.S. economy. Graduates find employment opportunities with corporations and businesses, nonprofit and government agencies, digital arts media industries and in the academic world.

Contact Information:

Interdisciplinary Arts & Sciences, New College of

School of Mathematical and Natural Sciences

<https://newcollege.asu.edu/applied-computing-degree>

FAB N100

mnsadvising@asu.edu

602-543-3000

Applied Computing (Cybersecurity), BS (ASACOCBS)

Campus: West

Program Description:

The cybersecurity concentration is designed to prepare students for a continuing and progressive career in cybersecurity.

The innovative cybersecurity concentration builds upon the BS program in applied computing. Students acquire the technical knowledge to secure networks and applications, an understanding of cybersecurity governance models and risk-management fundamentals, methods of communicating complex risk issues, and solutions for the challenges of implementing cybersecurity controls within various organizational models. Leadership, critical thinking and effective communication also are emphasized. Students gain experience with real-world cybersecurity organizations, protecting digital assets against compromise or theft.

Graduates of the applied computing program with a concentration in cybersecurity are well prepared for graduate study as well as entry-level employment with businesses, nonprofits, government agencies and academic institutions.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASACOCBS-null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

This is an ideal degree for students interested in careers in cybersecurity. Opportunities are available both in the private sector and within governmental agencies (e.g., the FBI, Homeland Security, the National Security Agency and the Department of Defense). Cybersecurity-focused positions include:

- chief information security officer
- cyber risk analyst
- information security engineer
- network security engineer
- security operations center analyst

Contact Information:

Interdisciplinary Arts & Sciences, New College of

School of Mathematical and Natural Sciences

<https://newcollege.asu.edu/applied-computing-cybersecurity>

FAB N100

MNSadvising@asu.edu

602-543-3000

Applied Mathematics, BS (ASMATBS)

Campus: West

Program Description:

The BS in applied mathematics is an interdisciplinary program that provides a broad and rigorous foundation in applied mathematics. It includes a foundation in computing and statistics as well as both theoretical and applied mathematics.

The program emphasizes quantitative problem-solving and critical thinking through courses that expose students to a variety of mathematical theories, techniques and applications currently used by analysts and researchers in government, industry and nonprofit organizations.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 270 - Calculus w/Analytic Geometry I

Program Math Intensity: Substantial

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASMATBS-null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates are prepared for entry-level positions in industry, finance, government, nonprofit organizations and education. They also may pursue advanced degrees in the mathematical sciences (e.g., mathematics, statistics and computer science), and their career interests would suggest the appropriate degree tracks and choice of courses, such as:

- applied mathematical networks
- financial mathematics
- general applied mathematics
- mathematical biology
- operations research

Contact Information:

Interdisciplinary Arts & Sciences, New College of

School of Mathematical and Natural Sciences

<https://newcollege.asu.edu/applied-mathematics-degree>

FAB N100

mnsadvising@asu.edu

602-543-3000

Applied Science, BAS (ASBASBAS)

Campus: West

Program Description:

The BAS is for students who have already earned a community college AAS degree. The program allows students to apply the technical knowledge gained from their associate degree and significantly broaden their education through completion of a concentration of their design that expands on the coursework completed in their AAS or by creating a new concentration in a different area of study.

The program includes a unique, personalized area of concentration tailored to the student's individual interests and career goals. The possibilities include but are not limited to applied computing, applied ethics, biology, biomedical research, business, conflict resolution, communication, creative writing, cybersecurity, English, environmental science, film and video studies, forensic psychology, forensic science, interdisciplinary arts and performance, risk communication, peace studies, political science, psychology, Spanish and statistics. The program also includes an internship experience.

Students who have earned an Associate of Applied Science degree from a regionally accredited Arizona community college may be eligible to transfer up to 75 credits toward the Bachelor of Applied Science degree. Students who have earned an Associate of Applied Science from an accredited institution may transfer 60 credit hours toward the Bachelor of Applied Science degree.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees.

Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Communication Studies, MA

Interdisciplinary Studies, MA

Social Justice and Human Rights, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements: Students applying to this program must have completed an Associate of Applied Science degree. This program is not available for freshmen.

Change of Major Requirements:

A current ASU student must hold an Associate of Applied Science degree in order to change the major to this program.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASBASBAS~null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Because the program allows students to tailor their concentration, graduates are prepared for a wide range of career opportunities as well as graduate programs in law, business, social sciences and education.

Contact Information:

Interdisciplinary Arts & Sciences, New College of

School of Humanities, Arts, and Cultural Studies

<https://newcollege.asu.edu/applied-science-degree>

FAB N100

harcsadvising@asu.edu

602-543-3000

Biology, BA (ASLSCBA)

Campus: West

Program Description:

The BA program in biology with an emphasis in the natural sciences examines the interdisciplinary nature of the life and physical sciences, focusing on the ways in which these disciplines intersect. The program's organization and flexibility allows students to simultaneously study another subject outside their major. Students are encouraged to add a minor or concurrent degree in another subject area.

Students gain hands-on experience as they work both in small groups and one-on-one with individual faculty members. Students may participate in cutting-edge scientific research by assisting in faculty research laboratories or even publish in top journals and present their results at regional and

national scientific meetings.

Graduates are prepared for entry-level jobs in research, nonprofit, education and outreach organizations and for other roles in the life sciences. Graduates are also prepared for related graduate programs.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 170 - Precalculus

Program Math Intensity: Moderate

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Communication Studies, MA

Social Justice and Human Rights, MA

Social Technologies, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASLSCBA~null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Students have a wide variety of options, including pursuing graduate studies or seeking careers in areas that include:

- environmental management and conservation
- health professions
- laboratory research
- primary and secondary school teaching
- science advisement to businesses and government
- science writing

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Mathematical and Natural Sciences
<https://newcollege.asu.edu/biology-degree-ba>
FAB N100
MNSadvising@asu.edu

Biology, BS (ASLSCBS)

Campus: West, ASU@Lake Havasu

Program Description:

The BS program in biology with an emphasis in the natural sciences examines these disciplines through experiential learning, and all of the program's core courses include laboratories. By learning in an integrative environment that emphasizes the connectedness of the life sciences, students gain a better understanding of larger scientific concepts and can view these concepts from multiple perspectives.

Students are encouraged to conduct independent research under the mentorship of faculty members or during internships. Some even publish in top journals and present their results at scientific meetings.

Graduates are prepared for employment with state and federal agencies or private organizations, such as biomedical laboratories and environmental consultancies. They are also prepared for graduate or doctoral programs in human or veterinary medicine, pharmacy, dentistry or scientific research.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus OR MAT 251 OR STP 226

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASLSCBS~null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

This program prepares graduates for a wide range of careers by offering course and laboratory work and quantitative research opportunities that develop fundamental problem-solving, critical thinking, writing and communication skills. Graduates may enter careers in:

- business
- laboratory or field research
- medicine
- publishing
- scientific journalism
- teaching

Undergraduate laboratory experience, both on and off campus, enhances employability as a laboratory technician or research associate in university and government research laboratories; in hospital and diagnostic laboratories; and in pharmaceutical, biotechnology, agricultural and food processing companies.

Students engaged in field studies are prepared for entry-level positions in private companies and state and federal agencies, such as wildlife biologist, environmental consultant or conservation officer.

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Mathematical and Natural Sciences
<https://newcollege.asu.edu/biology-degree-science>
FAB N100
mnsadvising@asu.edu
602-543-3000

Biology (Environmental Science), BS (ASLSCEBS)

Campus: West, ASU@Lake Havasu

ASU is no longer accepting new students to this program. Please explore Degree Search for other similar program options.

Program Description:

The BS program in biology with a concentration in environmental science emphasizes experiential learning with courses that include required laboratories. By learning in an integrative environment that underscores the connectedness of these disciplines, students gain a better understanding of larger scientific concepts and they view these concepts from multiple perspectives. Students pursuing this concentration take a set of courses that focus more on environmental science than those pursuing a Bachelor of Science in biology.

While the emphasis is on science, students learn to approach environmental science from an interdisciplinary perspective, in part by studying environmental ethics and policy.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASLSCEBS~null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

According to the 2010-2011 Occupational Outlook Handbook (U.S. Bureau of Labor Statistics, 2010), employment of environmental scientists is expected to grow by 28% between 2008 and 2018. This is far more rapid growth than the average rate of growth for all occupations. The handbook indicates most rapid growth will occur in the private sector, primarily in private environmental consulting firms.

This concentration allows students to tailor their courses of study to their interests in the science of the environment to help prepare them for careers in the public and private sectors (e.g., environmental consulting, environmental remediation, natural resource management) and entry into graduate programs in environmental science and related disciplines.

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Mathematical and Natural Sciences
<https://newcollege.asu.edu/environmental-science-degree>
FAB N100
mnsadvising@asu.edu
602-543-3000

Biology (Forensics), BS (ASLSCFBS)

Campus: West

ASU is no longer accepting new students to this program. Students interested in this program should apply to the BS in forensic science.

Program Description:

The forensics concentration of the BS program in biology emphasizes the study of scientific techniques used to solve crimes. Students pursuing the forensics concentration take a more forensics-relevant set of courses than those students pursuing the BS in biology.

Much of the required coursework is completed in chemistry or biology lab science courses to ensure that graduates of this program are competitive as they apply to graduate degree programs, pursue relevant careers and enter the workforce.

Graduates are prepared to pursue careers in forensics laboratories and in the research and development of new criminal forensic technologies. Completion of the bachelor's degree in biology also ensures graduates are prepared for graduate, professional or medical degree programs.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASLSCFBS~null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates of this program pursue careers in forensics laboratories and in the research and development of new technologies in forensics. Graduates are particularly competitive for positions in forensics laboratories because the concentration focuses heavily on chemistry and biology laboratory coursework (areas that administrators and current employees in crime labs have reported are critically important). For example, as reliance upon DNA fingerprinting technologies increases, demand for forensic scientists trained in the requisite amounts of molecular biology will increase. The concentration also places focus on oral communication skills (e.g., through coursework in argumentation, COM 222 Argumentation (3) or COM 422 Advanced Argumentation (3)), which will prepare graduates for the multifaceted aspects of their careers in forensics (e.g., providing articulate and compelling expert testimony in criminal trials). Graduates of this program are also well positioned to enter graduate programs in forensic science.

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Mathematical and Natural Sciences
<https://newcollege.asu.edu/home>
FAB N100
mnsadvising@asu.edu
602-543-3000

Biology (Pharmacology/Toxicology), BS (ASLSCPBS)

Campus: West

Program Description:

The pharmacology and toxicology concentration of the BS program in biology provides an emphasis in the biochemical, molecular and physiological components of drug and body interactions.

The degree program emphasizes experiential learning, and all required core courses have laboratories. By learning in an integrative environment that emphasizes the connectedness of the disciplines, students gain a better understanding of larger scientific concepts and they can view these concepts from multiple perspectives. To have a thorough understanding of the interactions of chemicals in the biological system, students study both biology and chemistry and become familiar with chemical interactions at physiological, molecular and cellular levels. Undergraduates have the opportunity to conduct independent research under the mentorship of faculty members or in internships outside the school.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASLSCPBS~null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates are prepared for occupations such as:

- risk assessor
- laboratory researcher
- pharmacist
- physician
- physician's assistant
- veterinarian

Graduates may work in governmental agencies or private companies in areas such as:
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- clinical trials
- product safety evaluation
- regulatory affairs
- teaching

Graduates are also prepared for entry-level employment in the growing field of environmental toxicology as well as for graduate or professional programs in pharmacology and toxicology.

Contact Information:

Interdisciplinary Arts & Sciences, New College of
 School of Mathematical and Natural Sciences
<https://newcollege.asu.edu/biology-pharmacologytoxicology>
 FAB N100
 mnsadvising@asu.edu
 602-543-3000

Biotechnology and Bioenterprise, BS (ASBITEBS)

Campus: West

Program Description:

The BS program in biotechnology and bioenterprise provides students with essential transdisciplinary and practical experience in biotechnology research. Students acquire the associated business and entrepreneurship skills needed to develop and market biotechnological innovations and solutions to problems facing the biotechnology and health sciences communities in Arizona, the nation and beyond.

The program emphasizes coursework in the biological, biomolecular and biotechnological sciences, which are key components that underpin biotechnology. Students may tailor the degree to their specific interests and aspirations through focus areas in biotechnology, bioenterprise and biostatistics. The program is unique due to its focus on blending biotechnology and entrepreneurship.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: First math varies depending on the focus area chosen.

Program Math Intensity: Substantial

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Global Management, MGM

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASBITEBS-null + &college=CAS>) to outline a list of

recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates of this program are prepared for such careers as:

- bioentrepreneur
- cell biologist
- clinical trials manager
- educator
- laboratory researcher
- microbiologist
- patent agent
- portfolio manager
- project manager
- regulatory affairs manager

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Mathematical and Natural Sciences
<https://newcollege.asu.edu/biotechnology-and-bioenterprise>
FAB N100
mnsadvising@asu.edu
602-543-3000

Communication, BA (ASCOMMBA)

Campus: West, ASU@Lake Havasu

Program Description:

The BA program in communication is a broad-based program that trains individuals to speak and write competently, manage relationships well, problem-solve effectively and understand the role and function of communication in public forums, organizational settings, relational exchanges and intercultural situations.

The curriculum provides an extensive understanding of the practical, theoretical and professional nuances of today's field of communication. Utilizing the nationally recognized CommLabASU, students perform in-depth study of what contributes to and detracts from effective human communication, recognizing that the art of communication is far more nuanced than simple speaking and writing prowess.

Students may pursue one or more focus areas to amplify their academic and professional preparation in specific contexts, including public relations, risk and strategic communication; media, culture and social technology; communication training and mentoring; sport communication; and dialogue, relationships and communities.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Communication Studies, MA
- Global Management, MGM
- Interdisciplinary Studies, MA
- Social Justice and Human Rights, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASCOMMBA~null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

The Bachelor of Arts in communication prepares students for careers in social media and technology, global communication, public relations and strategic communications, risk and crisis communication, communication training, and mentoring, sport communication and communication philosophy. Because communication skills are crucial to many professions, graduates work in a variety of fields, including:

- advertising
- customer service and customer relations
- education
- fundraising
- health and human services
- human resources
- international service
- legal professions
- lobbying
- management
- marketing
- media and public relations
- mediation
- ministry
- public administration
- public advocacy
- public office
- research
- sales
- social media design and implementation
- speech writing
- training and development

Contact Information:

Interdisciplinary Arts & Sciences, New College of

School of Social and Behavioral Sciences

<https://newcollege.asu.edu/communication-degree-ba>

FAB N100

sbsadvising@asu.edu

602-543-3000

Communication, BS (ASCOMMBS)

Campus: West, ASU@Lake Havasu

Program Description:

The communication program prepares students to do far more than give a speech or two in front of their peers. It provides an extensive understanding of the practical, theoretical and professional nuances of today's field of communication and equips students with the skills needed to convey complex ideas clearly and effectively through both the spoken and written word.

In utilizing the nationally recognized CommLabASU, this program trains and prepares students for in-depth study into what contributes to and detracts from effective human communication, recognizing that the art of communication is far more nuanced than simple speaking and writing prowess.

Students may pursue one or more focus areas that are designed to amplify their academic and professional preparation in specific contexts, including: public relations, risk and strategic communication; media, culture and social technology; communication training and mentoring; dialogue, relationships and communities; and sport communication.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Communication Studies, MA

Interdisciplinary Studies, MA

Social Justice and Human Rights, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASCOMMBS~null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates of the communication program are trained in effective communication skills, are able to speak and write well, and can convey complex ideas effectively. They are prepared for employment in communication-intensive fields and for further graduate study. Graduates are prepared to perform various forms of data analysis, communication assessment and technical reporting, and they are prepared for graduate study in the social sciences, law, humanities and management. Graduates work in communications-intensive fields such as:

- advertising
- community education
- corporate communications

- crisis management
- customer service and customer relations
- health communication
- human resources management
- media and public relations
- new media
- social media
- training and development

Contact Information:

Interdisciplinary Arts & Sciences, New College of
 School of Social and Behavioral Sciences
<https://newcollege.asu.edu/communication-degree>
 FAB N100
 sbsadvising@asu.edu
 602-543-3000

Computational Forensics, BS (ASCPFBS)

Campus: West

Program Description:

The BS in computational forensics is a multidisciplinary degree program that encompasses areas of physical, biological and social sciences with an additional focus on statistics and computation.

Students investigate specific forensic problems using statistics, computing and mathematics with the main goal of advancing their forensic science knowledge and capabilities. Students study and develop the quantitative and computational methods that assist basic and applied research efforts in forensic science, establish or prove scientific basis in investigative procedures, and support forensic examiner casework. Through modeling, computer simulations and computer-based analysis and recognition, students gain an in-depth understanding of the forensic science discipline, the scientific method and the systematic approach to forensic science.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 270 - Calculus w/Analytic Geometry I

Program Math Intensity: Substantial

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASCPFBS~null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

The demand for forensic scientists is increasing according to the U.S. Bureau of Labor Statistics. With computation and statistics driving many technological advances, this interdisciplinary degree program prepares students for employment in a range of jobs or to continue on to advanced study of quantitative programs in graduate school.

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Mathematical and Natural Sciences
<https://newcollege.asu.edu/computational-forensics>
FAB N100
MNSadvising@asu.edu
602-543-3000

Conflict Resolution, BA (ASCNRBA)

Campus: West

Program Description:

The BA program in conflict resolution introduces students to theories and practices that enable them to understand, address and transform conflict while dealing with challenges both at the micro and macro levels in such contexts as professional, cross-cultural, individual and collective interactions.

Having engaged with subject areas in political science, communication, ethics, peace studies, history and others, graduates of the program are ready to either pursue further education or careers in many diverse areas.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASCNRBA-null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Students graduating from the program have great career prospects in business, education, government, nongovernmental agencies, law, health care advocacy, public and government administration, mediation and advocacy.

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Social and Behavioral Sciences
<https://newcollege.asu.edu/conflict-resolution>
FAB N100
sbsadvising@asu.edu
602-543-3000

Disability Studies, BA (ASDISASBA)

Campus: West

Program Description:

The BA program in disability studies explores historical, linguistic, social, artistic and legal dimensions of disability with the goal of improving the conditions of people whose lives are touched by disabilities.

With larger numbers of disabled people and disciplines focused on social justice, the new model for disability studies is that of empowerment rather than fixing a deficit. The curriculum combines theory and practice that prepare students to address injustices, exclusions and misapprehensions regarding disabilities through advocacy and self-advocacy, education, knowledge of the law and historical awareness.

Students in this major develop a professional-level digital portfolio of research in preparation for the job market.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASDISASBA-null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates from this program will find career opportunities in many fields, such as social justice, civil service, law, health care advocacy, social work, education, rehabilitative health care, counseling, business, policy and advocacy, government, and with community and nongovernmental organizations.

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Humanities, Arts, and Cultural Studies
<https://newcollege.asu.edu/humanities-arts-cultural-studies-degree-programs/>
FAB N100

English, BA (ASENGBA)

Campus: West

Program Description:

Students in the BA program in English learn how to write clearly and effectively, to think critically and to construct well-supported arguments.

The program stresses the formal aesthetic qualities of texts and the issues of class, gender, race and ethnicity relating to literary representation. Students gain a familiarity with standard literary-critical terminology and an awareness of various theoretical approaches to literary study. Students also become aware of uses of the English language in the U.S. and around the world.

The program provides students with a balanced overview of major literature in the English language and an awareness of the role of literary discourse in broader social and historical contexts.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Global Management, MGM

Interdisciplinary Studies, MA

Social Justice and Human Rights, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASENGBA-null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Upon completion, students are prepared for graduate study; for professional training in law, business, teaching and public policy; and for careers in marketing, public relations, government, diplomacy and community work, among others.

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Humanities, Arts, and Cultural Studies
<https://newcollege.asu.edu/english-degree>
FAB N100
harc sadvising@asu.edu
602-543-3000

English (Secondary Education), BA (ASENGSEBA)

Campus: West

Program Description:

The BA program in English with a concentration in secondary education provides rigorous content in literature, composition, linguistics and secondary teaching, extensively preparing students to meet the needs of all student populations, including attention to levels of student academic performance and cultural and linguistic diversity.

The demand for teachers in Arizona is high. Students complete their teaching internship in school districts in the greater Phoenix area or for one of the 22 Native American nations in Arizona.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASENGSEBA-null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates of the program earn Arizona Department of Education certification for middle and high school English language arts and are prepared for careers as secondary school teachers.

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Humanities, Arts, and Cultural Studies
<https://newcollege.asu.edu/history-secondary-education-degree>
FAB N100
harc sadvising@asu.edu
602-543-3000

Environmental Science, BA (ASENVBA)

Campus: West, ASU@Lake Havasu

Program Description:

The study of human impact on the earth's ecosystems and resources has become increasingly important over the past 20 years. The BA program in environmental science is dedicated to finding solutions to the challenges posed by climate change.

This degree program is founded on established environmental basics, ensuring that students are well-versed in biological study including molecular, organismal and ecosystem biology. Students gain competency in chemistry, statistics and geographic information systems. Rounding out student preparation, the program includes a focus on the management and communication skills necessary in various environmentally-specific careers.

The Bachelor of Arts in environmental science prepares graduates to find innovative and sustainable solutions to today's critical environmental challenges, including pollution and climate change. The world-renowned faculty conduct research across the globe and engage students in the process of creating new scientific knowledge that, in turn, impact a rapidly changing world.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 170 - Precalculus

Program Math Intensity: Moderate

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Communication Studies, MA
- Environmental and Resource Management (Water Management), MS
- Environmental and Resource Management, MS
- Social Justice and Human Rights, MA
- Social Technologies, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASENVBA-null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Career opportunities for graduates of this program include employment in environmental policy, management or leadership positions in federal and state agencies, local municipality planning offices, private consulting firms, and nongovernmental and nonprofit organizations. Graduates of the program are also well qualified to pursue graduate studies in relevant areas of the natural sciences.

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Mathematical and Natural Sciences
<https://newcollege.asu.edu/environmental-science>
FAB N100
mnsadvising@asu.edu
602-543-3000

Environmental Science, BS (ASENVBS)

Campus: West, ASU@Lake Havasu

Program Description:

The study of human impact on the earth's ecosystems and resources has become increasingly important over the past 20 years. The BS program in environmental science is dedicated to finding solutions to the challenges posed by climate change.

This degree program is founded on established environmental basics, ensuring that students are well-versed in biological study including molecular, organismal and ecosystem biology. Students gain competency in chemistry, statistics and geographic information systems. Rounding out student preparation, the degree includes a focus on the management and communication skills necessary in various environmentally-specific careers.

The Bachelor of Science in environmental science prepares students to become graduates who will find innovative and sustainable solutions to today's critical environmental challenges, including pollution and climate change. The world-renown faculty conduct research across the globe and engage students in the process of creating new scientific knowledge that, in turn, will impact a rapidly changing world.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 170 - Precalculus OR MAT 210 OR MAT 270

Program Math Intensity: Moderate

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Environmental and Resource Management (Water Management), MS

Environmental and Resource Management, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASENVBS-null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Career opportunities for graduates of this program include employment in federal and state agencies (such as the U.S. Bureau of Land Management, U.S. Environmental Protection Agency, U.S. Forest Service, etc.), private consulting firms and nongovernmental and nonprofit organizations. Graduates of the program are also well-qualified to pursue graduate studies in relevant areas of the natural sciences.

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Mathematical and Natural Sciences
<https://newcollege.asu.edu/environmental-science-degree>
FAB N100
mnsadvising@asu.edu
602-543-3000

Exploratory Applied Computing, Mathematics and Technology, (ASACMTEXPL)

Campus: West

Program Description:

The exploratory applied computing, mathematics and technology track provides students with the opportunity to explore a variety of majors related to applied computing, mathematics and technology professions.

Many students are not ready to choose a specific academic program of study when first entering the university. Exploratory programs provide students an opportunity to discover the options available at ASU, and they are provided the time, resources and guidance needed to assess their skills, interests and aptitudes. Declaring exploratory status permits students to begin meeting General Studies requirements that all ASU graduates must fulfill. It also allows students to take some time to explore a variety of academic courses that may lead to a potential major interest.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 117 - College Algebra

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

Students with fewer than 45 credit hours may declare this exploratory program. Students may not accrue more than 45 hours while they are an exploratory student.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASACMTEXPL~null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Career opportunities are specific to the ultimate major of choice.

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Mathematical and Natural Sciences

<https://newcollege.asu.edu/programs/exploratory-applied-computing-mathematics-and-technology>

FAB N100

mnsadvising@asu.edu

602-543-3000

Exploratory Health and Life Sciences, (ASHSCIEXPL)

Campus: West

Program Description:

The exploratory health and life sciences track provides students with the academic opportunities and resources needed to explore a variety of majors related to health and life science professions.

Many students are not ready to choose a specific academic program of study when first entering the university. Exploratory programs provide students an opportunity to discover the options available at ASU, and they are provided the time, resources and guidance needed to assess their skills, interests and aptitudes. Declaring exploratory status permits students to begin meeting General Studies requirements that all ASU graduates must fulfill. It also allows students to take some time to explore a variety of academic courses that may lead to a potential major interest.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 117 - College Algebra

OR MAT 170 OR MAT 210 OR MAT 270

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

Students with fewer than 45 credit hours may declare this exploratory program. Students may not accrue more than 45 hours while they are an exploratory student.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASHSCIEXPL~null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Career opportunities are specific to the ultimate major of choice.

Contact Information:

Interdisciplinary Arts & Sciences, New College of

School of Mathematical and Natural Sciences

<https://newcollege.asu.edu/programs/exploratory-health-and-life-sciences>

FAB N100

mnsadvising@asu.edu

602-543-3000

Exploratory Humanities, Fine Arts and Design, (ASHUFAEXPL)

Campus: West

Program Description:

The exploratory humanities, fine arts and design track provides students with the academic opportunities to explore a variety of majors related to humanities, fine arts and design professions.

Many students are not ready to choose a specific academic program of study when first entering the university. Exploratory programs provide students an opportunity to discover the options available at ASU, and they are provided the time, resources and guidance needed to assess their skills, interests and aptitudes. Declaring exploratory status permits students to begin meeting General Studies requirements that all ASU graduates must fulfill. It also allows students to take some time to explore a variety of academic courses that may lead to a potential major interest.

Additional Program Fee: N**Second Language Requirement:** N**Program Math Intensity:** General**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)International (<https://students.asu.edu/international/future>)Readmission (<https://students.asu.edu/readmission>)**Change of Major Requirements:**

Students with fewer than 45 credit hours may declare this exploratory program. Students may not accrue more than 45 credit hours while they are an exploratory student.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASHUFAEXPL~null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Career opportunities are specific to the ultimate major of choice.

Contact Information:

Interdisciplinary Arts & Sciences, New College of

School of Humanities, Arts, and Cultural Studies

<https://newcollege.asu.edu/programs/exploratory-humanities-fine-arts-and-design>

FAB N100

harcsadvising@asu.edu

602-543-3000

Exploratory Social and Behavioral Sciences, (ASSBSEXPL)

Campus: West**Program Description:**

The exploratory social and behavioral sciences program provides students with the academic opportunities and resources needed to explore a variety of majors related to careers in the social sciences.

Many students are not ready to choose a specific academic program of study when first entering the university. Exploratory programs provide an opportunity to discover the options available at ASU and students are provided the time, resources and guidance needed to assess their skills, interests and aptitudes. Declaring exploratory status permits students to begin meeting General Studies requirements that all ASU graduates must fulfill. It also allows students to take some time to explore a variety of academic courses that may lead to a potential major interest.

Additional Program Fee: N

Second Language Requirement: N
Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

Students with fewer than 45 credit hours may declare this exploratory program. Students may not accrue more than 45 hours while they are an exploratory student.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASSBSEXPL~null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Career opportunities are specific to the ultimate major of choice.

Contact Information:

Interdisciplinary Arts & Sciences, New College of

School of Social and Behavioral Sciences

<https://newcollege.asu.edu/programs/exploratory-social-and-behavioral-sciences>

FAB N100

sbsadvising@asu.edu

602-543-3000

Forensic Science, BS (ASFOREBS)

Campus: West

Program Description:

Forensic science is the study and application of scientific methods to matters of law. The BS program in forensic science emphasizes laboratory coursework in chemistry and biology as both areas provide essential experience with techniques commonly used in crime labs.

Rigorous coursework in the natural and mathematical sciences is required to ensure graduates are competitive in the workforce. The program is enhanced by a focus on oral communication skills that help prepare graduates for the multifaceted, transdisciplinary aspects of careers in forensic science, such as providing articulate expert witness testimony.

If a student is interested in pursuing a career as a forensic DNA analyst, nine cumulative hours of coursework in biochemistry, molecular biology and genetics are required, and coursework in population genetics is desirable. Students should note that the addition of these courses to the academic program may mean the student would have more than 120 credit hours. Employers may require documentation for completed coursework, such as an official course syllabus.

Forensic science students may apply for and participate in internships sponsored by metropolitan Phoenix area crime labs or other crime labs around the country. Internships are competitive, and the application process takes time. Generally, fall semester internships require application in the spring semester prior, and spring or summer semester internships require application by the start of the preceding fall semester. Internship positions are unpaid and require concurrent enrollment in FOR 484 Internship. Also, students must have a faculty mentor and abide by all internship standards of the school and those of the organization providing the internship. Students may also participate in cutting-edge research with a faculty mentor either as a volunteer in the faculty member's lab or by registering for FOR 499 Individualized Instruction. For more information, students should see an academic advisor.

Job applicants and students seeking a volunteer or internship position within a crime lab are required to undergo an extensive background check

that includes a polygraph exam, fingerprinting and drug testing. Actions that can disqualify an applicant include recent or past illicit drug use (this includes marijuana), felony convictions and drunk driving convictions.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASFOREBS~null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Scientific and technological advances in the field of forensic science, as well as continually increasing caseloads in law enforcement, are projected to increase the number of forensic science technicians needed over the next decade. The U.S. Bureau of Labor Statistics estimates that between 2016 and 2026, employment of forensic science technicians will increase 17%, an average increase much greater than most occupations.

Forensic science program graduates are prepared to enter the workforce with crime labs and private forensic science labs at the local, state and federal levels. Graduates also are prepared for graduate programs in forensic science, law school, medical school and related fields.

Contact Information:

Interdisciplinary Arts & Sciences, New College of

School of Mathematical and Natural Sciences

<https://newcollege.asu.edu/forensics-science-degree>

FAB N100

mnsadvising@asu.edu

602-543-3000

History, BA (ASHISBA)

Campus: West

Program Description:

The BA degree program in history introduces students to a broad span of history that covers the ancient world through the modern period and extends from Europe to Latin America and the United States. In addition to learning about the origins and development of various peoples, ideas and institutions of the past, students engage in the practice of history by learning to conduct research, analyze historical evidence and formulate arguments using historiographical perspectives and methodological approaches.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Communication Studies, MA

Interdisciplinary Studies, MA

Social Justice and Human Rights, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASHISBA~null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates of this program are prepared for graduate study, for professional degree programs and for careers in which critical thinking, research and writing skills are highly valued, such as journalism, editing, law and civil service.

Contact Information:

Interdisciplinary Arts & Sciences, New College of

School of Humanities, Arts, and Cultural Studies

<https://newcollege.asu.edu/history-studies-degree>

FAB N100

harcsadvising@asu.edu

602-543-3000

History (Secondary Education), BA (ASHISSEBA)

Campus: West

Program Description:

The flexible BA program in history with a concentration in secondary education fully prepares students considering a career in education for teaching and certification and provides all the disciplinary knowledge of a traditional history degree. Students understand history in all its breadth and depth while developing strong critical reading, writing and research skills as well as skills in oral presentation.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

Additional Program Fee: N

Second Language Requirement: Yes

First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (<https://students.asu.edu/freshman/requirements>)
Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)
International (<https://students.asu.edu/international/future>)
Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASHISSEBA~null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates possess the strong, practical teaching tools necessary to successfully teach middle or high school students. With the ability to find and evaluate evidence, form arguments and present analysis, graduates are well suited for careers in a wide range of industries and fields of work, and they have a solid foundation for graduate work in teaching, law, business and many other fields.

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Humanities, Arts, and Cultural Studies
<https://newcollege.asu.edu/history-secondary-education-degree>
FAB N100
harcsadvising@asu.edu
602-543-3000

Interdisciplinary Arts and Performance, BA (ASIAPBA)

Campus: West, Online

Program Description:

Students in the BA program in interdisciplinary arts and performance engage with faculty in collaborative investigation of many disciplines, preparing for the complex and changing world through current approaches to artistic and aesthetic research.

Students in this major engage in practical and theoretical studies of visual, sonic, performance, game and interactive arts to become versatile artists. With skill sets preparing them for professional and entrepreneurial opportunities, they can tap into evolving marketplaces and expanding fields of arts research and practice.

Students who major in interdisciplinary arts and performance receive extensive preparation for careers as artists, performers and creative professionals, and they develop solid foundations useful for teaching and scholarship.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Communication Studies, MA
- Interdisciplinary Studies, MA
- Social Justice and Human Rights, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASIAPBA~null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Since 1992, graduates of this nationally recognized program have been prepared for advanced study in the performing arts, visual arts, interactive arts or arts-related professions in digital design, film editing, set and lighting design, theatre, sound arts, toy development, board game development and video game development.

Interdisciplinary arts and performance graduates have gone on to occupations as varied as:

- art administrator
- art therapist
- arts writer and critic
- board game developer
- composer
- digital designer
- film and video editor
- game tester
- illustrator
- performing artist
- recording artist and studio professional
- set and lighting designer
- sound artist
- theatre artist
- video game designer
- videographer
- visual artist

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Humanities, Arts, and Cultural Studies

<https://newcollege.asu.edu/interdisciplinary-arts-and-performance-degree>
FAB N100
harc sadvising@asu.edu
602-543-3000

Interdisciplinary Arts and Sciences, BA (ASIASBA)

Campus: West

Program Description:

Today's employment landscape is evolving into one that prizes expertise in an increasing number of specialized fields. The BA program in interdisciplinary arts and sciences allows students to build a flexible, customized degree that is unique to their specific career goals. For example, a business degree with an emphasis in communications can lead to employment opportunities that aren't as easily accessed by a traditional business degree alone.

By providing the opportunity to combine disciplines, the college equips students with the specialized education they need to reach their individual career goals.

This degree program culminates in a capstone internship experience that provides real-world perspective, skills and connections, creating versatile graduates and attractive job applicants for the corporate world.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Communication Studies, MA

Global Management, MGM

Interdisciplinary Studies, MA

Social Justice and Human Rights, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASIASBA~null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Students tailor their programs to meet individualized career goals by emphasizing interdisciplinary study combined with a specific area of concentration (e.g., business, communication studies, English, gerontology, history, psychology or preprofessional studies). The capstone internship prepares students to make the transition smoothly to graduate school or postbaccalaureate employment in:

- business settings
- community settings
- cultural settings
- educational settings
- social sciences and human service settings

Students planning to pursue graduate or professional degrees in law, business, helping professions or in traditional disciplines benefit from the flexibility of this program that prepares them for a broad range of future academic and career pursuits.

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Humanities, Arts, and Cultural Studies
<https://newcollege.asu.edu/interdisciplinary-arts-and-sciences-degree>
FAB N100
harc sadvising@asu.edu
602-543-3000

Latin American Studies, BA (ASLASBA)

Campus: West

Program Description:

The BA program in Latin American studies offers a learner-driven model in which the student's specific interests are deepened through the study of Latin America cultures, histories, politics and linguistic expressions. It is interdisciplinary and allows for flexibility in course selection while also instilling a breadth and depth of knowledge about issues surrounding Latin America. This degree program encourages cross-cultural exploration, preparing students for a global-minded career path.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

Additional Program Fee: N

Second Language Requirement: Yes

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Communication Studies, MA

Global Management, MGM

Social Justice and Human Rights, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASLASBA~null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates are prepared for further study in graduate or professional schools and in dual-language environments, including:

- arts and arts administration
- business and finance
- counseling
- diplomacy
- education
- health care
- journalism
- law enforcement
- library science
- ministry
- nonprofit organizations and advocacy
- science
- social sciences
- sports
- technology

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Humanities, Arts, and Cultural Studies
<https://newcollege.asu.edu/latin-american-studies-degree>
FAB N100
harcsadvising@asu.edu
602-543-3000

Pharmacology and Toxicology, BS (ASPTXBS)

Campus: West

Program Description:

Students in the BS program in pharmacology and toxicology study how foreign materials react with human bodies. To have a thorough understanding of the interactions of chemicals in the biological system, students in the program study both biology and chemistry, and become familiar with chemical interactions at physiological, molecular and cellular levels.

With a heavy focus on experiential learning within the laboratory, graduates of the pharmacology and toxicology degree program are better prepared to obtain careers ranging from clinical research coordinators to veterinarians to even governmental roles.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

OR MAT 251

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASPTXBS~null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

The pharmacology and toxicology degree program prepares students for a number of career paths including:

- environmental risk assessor/consultant
- laboratory researcher
- pharmacist
- physician
- physician's assistant
- toxicologist
- veterinarian

Graduates also may work at governmental agencies or at private companies in areas such as:

- Arizona Department of Environmental Quality
- city government
- clinical trials
- Environmental Protection Agency
- product safety evaluation
- regulatory affairs
- teaching

Contact Information:

Interdisciplinary Arts & Sciences, New College of

School of Mathematical and Natural Sciences

<https://newcollege.asu.edu/pharmacology-and-toxicology>

FAB N100

mnsadvising@asu.edu

602-543-3000

Philosophy, Religion and Society, BA (ASRELBA)

Campus: West

Program Description:

The BA degree program in philosophy, religion and society comprises historical, theoretical and practical perspectives on philosophy, religion and social ethics, and it emphasizes social and political concerns by putting the studies of philosophy and religion into action.

This interdisciplinary degree program offers three areas of concentration: applied ethics, continental philosophy and religious studies.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Communication Studies, MA

Global Management, MGM

Interdisciplinary Studies, MA

Social Justice and Human Rights, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASRELBA~null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates are prepared for graduate study or employment in the fields explored through their required internships, including business, criminal justice, education, government, human resources, law enforcement, law, media, medicine, religious organizations and social services.

Contact Information:

Interdisciplinary Arts & Sciences, New College of

School of Humanities, Arts, and Cultural Studies

<https://newcollege.asu.edu/philosophy-religion-and-society-degree>

FAB N100

harcsadvising@asu.edu

602-543-3000

Political Science, BA (ASPOLBA)

Campus: West, ASU@Lake Havasu

Program Description:

Political science is the study of governmental practices, politics and theories. Coursework in the BA program in political science covers American institutions, international relations, political theory and world affairs.

The program helps students gain a basic understanding of the assumptions underlying political science and helps them develop the necessary research skills for analyzing complex sociopolitical issues. In addition to coursework, students learn through internships, service-learning and research opportunities.

Graduates of this program are prepared for work as analysts or aides in local, state or national legislative offices, among other roles. Many graduates go on to law school or graduate programs in political science, social science, urban planning or public administration.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Communication Studies, MA

Global Management, MGM

Interdisciplinary Studies, MA

Social Justice and Human Rights, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASPOLBA-null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

The political science curriculum provides a solid background for employment in a relevant profession and prepares students for graduate work in:

- political science
- professional schools
- social science disciplines
- urban planning

The program serves as a good precursor to staff, manager or policy analyst positions in local, state and federal government. This degree is recognized as qualification for many careers in business (for-profit and nonprofit) and industry.

Work may include binational, cross-border positions linking U.S. and Mexican businesses, Arizona-Sonora local government or local community groups on both sides of the border. Many students use the degree as a gateway to law school or as basis for further study in such applied fields as:

- community development
- public administration
- public policy
- urban affairs and urban and regional planning

Contact Information:

Interdisciplinary Arts & Sciences, New College of

School of Social and Behavioral Sciences
<https://newcollege.asu.edu/political-science-degree-ba>
FAB N100
sbsadvising@asu.edu
602-543-3000

Political Science, BS (ASPOLBS)

Campus: West

Program Description:

The School of Social and Behavioral Sciences offers a BS in political science in the New College of Interdisciplinary Arts and Sciences at ASU's West campus.

Political science is the study of governmental practices, politics and theories. Coursework in the political science program covers American institutions, international relations, political theory and world affairs. The program helps students gain a basic understanding of the assumptions underlying political science and develop the necessary research skills for analyzing complex sociopolitical issues. In addition to coursework, students learn through internships, service-learning and research opportunities. The Bachelor of Science degree differs from the Bachelor of Arts degree in that it requires an additional statistics course and a methods course.

Graduates of this program are prepared for work as analysts or aides in local, state or national legislative offices, among other roles. Many graduates go on to law school or graduate programs in political science, social science, urban planning or public administration.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Communication Studies, MA

Global Management, MGM

Interdisciplinary Studies, MA

Social Justice and Human Rights, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASPOLBS~null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

The political science curriculum provides a solid background for employment in a relevant profession and prepares students for graduate work in:

- political science
- professional schools
- social science disciplines
- urban planning

The program serves as a good precursor to staff, manager or policy analyst positions in local, state and federal governments. This degree is recognized as qualification for many careers in business (for-profit and nonprofit) and industry. Work may include binational, cross-border positions linking U.S. and Mexican businesses, Arizona-Sonora local governments or local community groups on both sides of the border. Many students use the degree as a gateway to law school or basis for further study in such applied fields as:

- community development
- public administration
- public policy
- urban affairs
- urban and regional planning

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Social and Behavioral Sciences
<https://newcollege.asu.edu/political-science-degree-bs>
FAB N100
sbsadvising@asu.edu
602-543-3000

Psychology, BA (ASPGSBA)

Campus: West, ASU@Lake Havasu, Online

Program Description:

Psychology is the scientific study of human behavior. This diverse field includes mental health and counseling as well as child development, neuroscience and brain function, memory and decision-making, behavior analysis, statistics and more. It also crosses over into other disciplines such as medicine, law, business and economics.

This BA program in psychology --- emphasizing critical thinking and reasoning, quantitative research methods and writing --- goes beyond the classroom, adding practical experiences through internships, service-learning and faculty-supervised research. (Some opportunities are not available to students enrolled in the degree offered through ASU Online.)

Graduates are prepared for graduate programs in psychology or other areas as well as professional employment.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 119 - Finite Mathematics OR MAT 170

Program Math Intensity: Moderate

Accelerated Degree Options:

This program allows students to choose either a 2.5- or a 3-year path while participating in the same high-quality educational experience of a 4-year option. Students can opt to fast-track their studies after acceptance into a participating program by connecting with their academic advisor. Fast track options appear at the top of the major map.

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Communication Studies, MA
- Global Management, MGM
- Interdisciplinary Studies, MA
- Social Justice and Human Rights, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-psychology/>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASPGSBA-null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

A degree in psychology prepares students for a career in:

- government (sales and marketing, human resources management)
- industry
- mental health professions (youth counselor, substance abuse counselor)
- social services (high school psychology teacher, occupational analyst)

The degree also provides an excellent foundation for graduate study in fields such as public administration, law, family studies, communication and the various graduate program fields in psychology:

- clinical and counseling
- cognitive neuroscience
- developmental
- environmental
- experimental
- health
- legal
- physiological
- social

Contact Information:

Interdisciplinary Arts & Sciences, New College of

School of Social and Behavioral Sciences

<https://newcollege.asu.edu/psychology-degree-ba>

FAB N100

sbsadvising@asu.edu

602-543-3000

Psychology, BS (ASPGSBS)

Campus: West, ASU@Lake Havasu, Online

Program Description:

Psychology is the scientific study of human behavior. This diverse field includes mental health and counseling as well as child development, neuroscience and brain function, memory and decision-making, behavior analysis, statistics and crosses into other disciplines such as medicine, law, business and economics.

Emphasizing critical thinking and reasoning, and quantitative research methods and writing, this BS program in psychology goes beyond the classroom with practical experiences through internships, service-learning and faculty-supervised research. (Some opportunities are not available to students enrolled in the degree offered through ASU Online.)

The Bachelor of Science degree differs from the Bachelor of Arts degree in that it requires two additional lab courses and advanced statistical training, providing a greater depth of knowledge in the biological and neuroscientific aspects of psychology that are increasingly important both for research and for clinical practice. The advanced statistical training further prepares students for careers and graduate training involving psychological research, clinical research and legal policy research.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 170 - Precalculus

Program Math Intensity: Moderate

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Communication Studies, MA

Global Management, MGM

Interdisciplinary Studies, MA

Social Justice and Human Rights, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-psychology/>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASPGSBS-null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Students are prepared for careers in:

- government (sales and marketing, human resources management)

- mental health professions (youth counselor, substance abuse counselor)
- social services (high school psychology teacher, occupational analyst)

The degree also provides an excellent foundation for graduate study in fields such as public administration, law, family studies, communication and the various graduate program fields in psychology:

- clinical and counseling
- cognitive neuroscience
- developmental
- environmental
- experimental
- physiological
- social

Contact Information:

Interdisciplinary Arts & Sciences, New College of
 School of Social and Behavioral Sciences
<https://newcollege.asu.edu/psychology-degree>
 FAB N100
 sbsadvising@asu.edu
 602-543-3000

Psychology (Forensic Psychology), BA (ASPGSFPBA)

Campus: West, Online

Program Description:

Forensic psychology is the application of psychology to the law. The concentration in forensic psychology within the BA program in psychology combines general training in psychology with specialized coursework in criminal law, criminal behavior, the diagnosis and treatment of mental disorders, and legal decision-making.

When courts are faced with cases in which a psychology-related question arises, they may turn to psychologists for help with the case. For example, psychologists might assist the court in understanding a criminal's mental state at the time of a crime or in determining whether a particular jury might have been biased against a defendant based on his or her race. This is the realm of forensic psychology.

This program teaches students about the various roles for psychologists in the legal system and helps them discover which roles they might like to pursue through careers in mental health, criminal justice or through graduate training.

The Bachelor of Arts degree differs from the Bachelor of Science degree in that it does not require two additional lab science courses.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 119 - Finite Mathematics OR MAT 170

Program Math Intensity: Moderate

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Global Management, MGM

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-psychology-forensic-psychology/>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercrreditguide/app/transfermap?major=ASPGSFPBA~null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

The Bachelor of Arts program in psychology with a concentration in forensic psychology prepares students for careers in the criminal justice and mental health fields. Many careers in psychology require graduate training, and this program is also designed to prepare students for master's degree and doctoral programs in legal, clinical and forensic psychology.

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Social and Behavioral Sciences
<https://newcollege.asu.edu/forensic-psychology-ba>
FAB N100
sbsadvising@asu.edu
602-543-3000

Psychology (Forensic Psychology), BS (ASPGSFPBS)

Campus: West, Online

Program Description:

Forensic psychology is the application of psychology to the law. The concentration in forensic psychology within the BS program in psychology combines general training in psychology with specialized coursework in criminal law, criminal behavior, the diagnosis and treatment of mental disorders and legal decision-making.

When courts are faced with cases in which a psychology-related question arises, they may turn to psychologists and ask for help with the case. For example, psychologists might assist the court in understanding a criminal's mental state at the time of a crime or whether a particular jury might have been biased against a defendant based on his or her race. This is the realm of forensic psychology.

This program teaches students about the various roles for psychologists in the legal system and helps them discover which roles they might like to pursue through careers in mental health, criminal justice or through graduate training.

The Bachelor of Science degree differs from the Bachelor of Arts degree in that it requires two additional lab courses and advanced statistical training. The Bachelor of Science program provides a greater depth of knowledge in the biological and neuroscientific aspects of psychology that are becoming increasingly important both for research and clinical forensic practice. In addition, the advanced statistical training further prepares students for careers and graduate training involving psychological research, clinical research and legal policy research.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 170 - Precalculus

Program Math Intensity: Moderate

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Global Management, MGM

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-psychology-forensic-psychology/>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASPGSFPBS~null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

The Bachelor of Science degree program in psychology with a concentration in forensic psychology prepares students for careers in the criminal justice and mental health fields. Many careers in psychology require graduate training, and this program also is designed to prepare students for master's degree and doctoral programs in legal, clinical and forensic psychology.

Contact Information:

Interdisciplinary Arts & Sciences, New College of

School of Social and Behavioral Sciences

<https://newcollege.asu.edu/forensic-psychology-bs>

FAB N100

sbsadvising@asu.edu

602-543-3000

Social Justice and Human Rights, BA (ASJHRBA)

Campus: West

Program Description:

The BA program in social justice and human rights spans the social sciences and the humanities to prepare students to meet the challenges of 21st-century issues of social justice and protection of human rights in local, national, international and global contexts. The degree program introduces students to principles and practices of everyday humanitarianism, multimedia advocacy and theories and practices of social justice and human rights.

Students in the program have the opportunity to select from three uniquely theoretical and applied areas of focus, including advocacy and social change; critical trauma studies and everyday humanitarianism; and materialism, intersectionality and inequality.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Global Management, MGM

Social Justice and Human Rights, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASJHRBA~null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Students with this degree are employable in a variety of settings, including refugee resettlement agencies; agencies and shelters supporting survivors of domestic abuse; shelters for migrants, especially for unaccompanied minors; disaster relief agencies; organizations assisting survivors of sex trafficking and human labor trafficking; and agencies assisting veterans and others suffering from post-traumatic stress. Career opportunities include:

- charitable fundraiser (e.g., Nina M. Pulliam Charitable Trust staff)
- ethnic studies professor
- grant writer
- humanitarian aid worker (e.g., UNHCR aid worker, Oxfam aid worker)
- international governmental organization professional (e.g., United Nations staff)
- justice studies professor
- nongovernmental organization professional (e.g., International Rescue Committee professional)
- nonprofit agency manager (e.g., Special Olympics Arizona, international manager)
- women and gender studies professor

Contact Information:

Interdisciplinary Arts & Sciences, New College of

School of Social and Behavioral Sciences

<https://newcollege.asu.edu/social-justice-and-human-rights>

FAB N100

sbsadvising@asu.edu

602-543-3000

Social and Behavioral Sciences, BA (ASSBSBA)

Campus: West

Program Description:

The curriculum of the BA program in social and behavioral sciences provides an understanding of assumptions underlying the social and behavioral sciences, develops students' research skills for analysis of complex social issues, offers a flexible program tailored to the career goals of the individual student, and offers individual and group experiences in working with faculty on concrete intellectual and policy issues.

The core courses provide students with a background suitable to helping them better understand psychological and social principles related to the behavior of individuals across multiple social contexts and institutions (e.g., family, community, society and culture).

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics Students who select the individual and behavior theme area need to have completed MAT 170 in order to meet the prerequisite requirements of courses in that area.

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Communication Studies, MA

Global Management, MGM

Interdisciplinary Studies, MA

Social Justice and Human Rights, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASSBSBA~null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

The interdisciplinary degree is an excellent option that matches the individual's interests and fulfills many employers' expectations of a bachelor's degree, namely that it should expose the student to a variety of outlooks and challenges.

Such a degree is competitive in most situations in which the disciplinary social and behavioral degrees are accepted, and it is advantageous when seeking entry to broad professional programs such as regional planning or urban studies.

This degree program provides a solid background in social sciences and methodologies that prepares students for graduate work in community development, counseling, criminal justice, professional schools (e.g., law, public administration, social work), public policy, social science disciplines and urban studies or planning.

Other careers include:

- border patrol officer
- community developer
- customer services manager
- housing specialist
- human relations officer
- immigration advocate
- lawyer
- lobbyist
- mediator
- nonprofit manager
- social sciences professor
- social services case worker
- statistical analyst
- urban planner
- victim's advocate

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Social and Behavioral Sciences
<https://newcollege.asu.edu/social-and-behavioral-sciences-degree-ba>
FAB N100
sbsadvising@asu.edu
602-543-3000

Social and Behavioral Sciences, BS (ASSBSBS)

Campus: West

Program Description:

The curriculum of the BS program in social and behavioral sciences provides an understanding of assumptions underlying the social and behavioral sciences, enables students to develop research skills necessary for analysis of complex social issues, offers a flexible program tailored to the career goals of the individual student, and offers individual and group experiences in working with faculty on concrete intellectual and policy issues.

The core courses provide students a background suitable to help them better understand psychological and social principles related to the behavior of individuals across multiple social contexts and institutions (e.g., community, culture, family and society). The Bachelor of Science degree differs from the Bachelor of Arts degree in that it has a stronger focus on the use of statistics.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics OR MAT 117

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Communication Studies, MA
- Global Management, MGM
- Interdisciplinary Studies, MA
- Social Justice and Human Rights, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercrreditguide/app/transfermap?major=ASSBSBS~null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

The interdisciplinary degree is an excellent option that matches the individual's interests and fulfills many employers' expectations of a bachelor's degree, namely that it should expose the student to a variety of outlooks and challenges.

Such a degree is competitive in most situations in which the disciplinary social and behavioral degrees are accepted, and it is advantageous when seeking entry to broad professional programs such as regional planning or urban studies.

The degree program also provides a solid background in social sciences and methodologies that prepares students for graduate work in community development, counseling, criminal justice, professional schools (e.g., law, public administration, social work), public policy, social science disciplines, and urban studies or planning.

Possible careers include:

- border patrol officer
- community developer
- customer services manager
- housing specialist
- human relations officer
- immigration advocate
- lawyer
- lobbyist
- mediator
- nonprofit manager
- social sciences professor
- social services case worker
- statistical analyst
- urban planner
- victim's advocate

Contact Information:

Interdisciplinary Arts & Sciences, New College of

School of Social and Behavioral Sciences

<https://newcollege.asu.edu/social-and-behavioral-sciences-degree>

FAB N100

sbsadvising@asu.edu

602-543-3000

Social and Cultural Analysis (American Studies), BA (ASSCAASBA)

Campus: West

Program Description:

The BA program in social and cultural analysis with a concentration in American studies engages in the transdisciplinary and comparative study of the United States as a cultural and political site of ongoing change and conflict.

Students learn diverse methods of analyzing nationalist politics, public and private cultural practices, transnationalism and the nation-making

processes of migration, in keeping with the creative and critical scholarship of the discipline. The curriculum also brings attention to identity formations around gender, sexuality, race and ethnicity.

As a transdisciplinary field, American studies unites the social sciences, the humanities and the arts to stimulate students into engaging in rigorous and adventurous conversations about American culture, politics and history. Students explore knowledge beyond disciplinary boundaries by bringing differing perspectives and understandings into dialogue with one another and generating a unique level of intellectual rigor and excitement.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Social Justice and Human Rights, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASSCAASBA~null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates of this program are prepared with the skills and knowledge necessary for graduate work as well as for careers in government, education, business and nonprofit organizations.

Due to the emphasis on culture and identity, students develop respect for and sensitivity to diverse populations, enabling them as graduates to flourish in areas as varied as:

- civil rights organizations
- colleges and universities
- corporations
- government agencies
- law firms
- libraries
- museums
- nongovernmental organizations (NGOs)
- the Peace Corps
- political action groups

- public relation firms
- research organizations
- social service agencies

Contact Information:

Interdisciplinary Arts & Sciences, New College of
 School of Humanities, Arts, and Cultural Studies
<https://newcollege.asu.edu/social-and-cultural-analysis-american-studies>
 FAB N100
 harcsadvising@asu.edu
 602-543-3000

Social and Cultural Analysis (Ethnicity, Race and Indigenous Studies), BA (ASSCAERBA)

Campus: West

Program Description:

The BA program in social and cultural analysis with a concentration in ethnicity, race and indigenous studies combines transdisciplinary topics and methods to critically analyze relationships among individuals, groups, institutions, governments, economies and environments.

The program enriches the study of individual racialized and indigenous groups by drawing upon theories, methods and pedagogies in ethnicity, race and indigenous studies while engaging complementary fields of literature, history, sociology, oral history, sexuality, queer studies, social justice, and transnational and cultural studies. Coursework grounds the students in a deep understanding of the particular historical, social, economic, cultural and political experiences of individual racialized groups as well as in an analysis of the relationships among them.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Social Justice and Human Rights, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASSCAERBA~null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates of this program are prepared with the skills and knowledge necessary for graduate work as well as for careers in government, education, business and nonprofit organizations.

Due to the emphasis on culture and identity, students develop respect for and sensitivity to diverse populations, enabling them as graduates to flourish in areas as varied as:

- civil rights organizations
- colleges and universities
- corporations
- government agencies
- law firms
- libraries
- museums
- nongovernmental organizations (NGOs)
- the Peace Corps
- political action groups
- public relation firms
- research organizations
- social service agencies

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Humanities, Arts, and Cultural Studies

<https://newcollege.asu.edu/social-and-cultural-analysis-ethnicity-race-and-indigenous-studies>

FAB N100

harcсадvising@asu.edu

602-543-3000

Social and Cultural Analysis (Latin American Studies), BA (ASSCALABA)

Campus: West

Program Description:

The BA in social and cultural analysis with a concentration in Latin American studies provides a broad and vibrant framework for studying the diverse societies of Latin America, including diasporic communities, and it presents rich opportunities for cross-cultural study. The program is designed to provide a transdisciplinary approach to the literature, film, history, politics and culture of both Latin America and Latinas and Latinos living in the United States.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

Additional Program Fee: N

Second Language Requirement: Yes

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Social Justice and Human Rights, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercrreditguide/app/transfermap?major=ASSCALABA~null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates of this program are prepared with the skills and knowledge necessary for graduate work as well as for careers in public service, education, business, humanitarian work, law or health care.

Due to the emphasis on culture and identity, students develop respect for and sensitivity to diverse populations, enabling them as graduates are able to flourish in areas as varied as:

- civil rights organizations
- colleges and universities
- corporations
- government agencies
- law firms
- libraries
- museums
- nongovernmental organizations (NGOs)
- the Peace Corps
- political action groups
- public relation firms
- research organizations
- social service agencies

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Humanities, Arts, and Cultural Studies
<https://newcollege.asu.edu/social-and-cultural-analysis-latin-american-studies>
FAB N100
harc sadvising@asu.edu
602-543-3000

Social and Cultural Analysis (Peace Studies), BA (ASSCAPSBA)

Campus: West

Program Description:

The BA in social and cultural analysis with a concentration in peace studies is a unique, transdisciplinary offering that fosters a critical investigation of peace. It does so primarily through a humanities lens, but not exclusively, and it provides an analysis of peace in connection with issues such as gender, ethnicity, race and religion.

Students learn many perspectives on peace and approaches to it, including theories and practices of peace-building, nonviolence, and conflict avoidance and resolution. The program builds on the expertise of faculty in the humanities and social sciences in fields such as history, linguistics, literature, ethics, philosophy, sociology, ethnic studies, and women and gender studies.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

Additional Program Fee: N

Second Language Requirement: N**First Required Math Course:** MAT 142 - College Mathematics**Program Math Intensity:** General**Accelerated Degree Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Social Justice and Human Rights, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASSCAPSBA~null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

There is a growing concern for peace building within social and political institutions. As a consequence, numerous jobs now exist in peace-related sectors. Graduates of this program are prepared with the skills and knowledge necessary for graduate work as well as for careers in government, education, business and nonprofit organizations. Knowledge gained can be applied toward professional and personal advancement in education, writing, policy, law, cross-cultural communication, ethics and work with nongovernmental organizations.

Due to the emphasis on the social aspects of peace, diversity and identity, students develop an awareness of the needs of diverse populations and the discourses that help create a culture of peace, enabling them as graduates to apply their knowledge to areas as diverse as the following:

- civil rights organizations
- colleges and universities
- corporations
- government agencies
- law firms
- libraries
- museums
- nongovernmental organizations (NGOs)
- the Peace Corps
- political action groups
- public relation firms
- research organizations
- social service agencies

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Humanities, Arts, and Cultural Studies

<https://newcollege.asu.edu/social-and-cultural-analysis-peace-studies>

FAB N100

harc sadvising@asu.edu

Social and Cultural Analysis (Queer and Sexuality Studies), BA (ASSCAQSBA)

Campus: West

Program Description:

The BA program in social and cultural analysis with a concentration in queer and sexuality studies combines transdisciplinary topics and methods to critically analyze the function of ideologies of sexuality, the history and present conditions of sexual identity formation, structural inequalities and queer resistance to those same inequalities, and the diversity of LGBTQ communities.

Drawing from the premise that sex, gender and sexual orientation are both private experiences as well as profoundly political and public issues with important legal, social and cultural implications, the intellectual core of this program draws from theories, methods and pedagogies in queer theory and sexuality studies while engaging complementary fields of social justice, cultural studies, women's studies, gender studies, literature, history, sociology, psychology and transnational studies. Areas of emphasis include sexuality in culture, transnational queer studies, queer social movements and resistance, sexual fluidity, trans studies and critical heterosexualities.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Social Justice and Human Rights, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASSCAQSBA-null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates of the program are prepared with the skills and knowledge necessary for graduate work as well as for careers in government, education, business and nonprofit organizations.

Due to the emphasis on culture and identity, students develop respect for and sensitivity to, diverse populations, enabling them as graduates to flourish in areas as varied as:

- civil rights organizations

- colleges and universities
- corporations
- government agencies
- law firms
- libraries
- museums
- nongovernmental organizations (NGOs)
- the Peace Corps
- political action groups
- public relation firms
- research organizations
- social service agencies

Contact Information:

Interdisciplinary Arts & Sciences, New College of
 School of Humanities, Arts, and Cultural Studies
<https://newcollege.asu.edu/social-and-cultural-analysis-queer-and-sexuality-studies>
 FAB N100
harcadvising@asu.edu
 602-543-3000

Social and Cultural Analysis (Women and Gender Studies), BA (ASSCAWSBA)

Campus: West

Program Description:

The BA in social and cultural analysis with a concentration in women and gender studies offers students a transdisciplinary curriculum that focuses on the diverse experiences of women in both national and international contexts. The program also examines the meaning of gender as a socially constructed category that shapes personal identities, beliefs, opportunities and behaviors.

The wide range of classes explores the intersections of gender, race, class and sexuality; the institutional structures that have an impact on women's and men's lives; and the broad range of feminist theories that seek to explain and influence women's status in society. Areas of emphasis include gender and sexuality, critical race feminisms, gender and the borderlands, transnational feminisms, social activism and social movements, histories of feminism and critical embodiment studies.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Social Justice and Human Rights, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASSCAWSBA-null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates of this program are prepared with the skills and knowledge necessary for graduate work as well as careers in government, education, business and nonprofit organizations.

Due to the emphasis on culture and identity, students develop respect for and sensitivity to diverse populations, enabling them as graduates to flourish in areas as varied as:

- civil rights organizations
- colleges and universities
- corporations
- government agencies
- law firms
- libraries
- museums
- nongovernmental organizations (NGOs)
- the Peace Corps
- political action groups
- public relation firms
- research organizations
- social service agencies

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Humanities, Arts, and Cultural Studies
<https://newcollege.asu.edu/social-and-cultural-analysis-women-and-gender-studies>
FAB N100
harcadvising@asu.edu
602-543-3000

Sociology, BA (ASSOCBA)

Campus: West, ASU@Lake Havasu

Program Description:

Sociology is the study of the organization and development of societies and the institutions within them. The sociology program helps students better understand the development, structure, interaction and collective behavior of organized groups. The program explores the theories, practices and policies underlying the issues of social change, inequality and diversity. This BA program in sociology provides training in important research skills used to describe, interpret and evaluate evidence across diverse settings important in the economy.

This is a flexible program that provides opportunities for students to work collaboratively with faculty on intellectual and policy issues and helps them develop the research skills necessary for the analysis of complex social issues. The Bachelor of Arts differs from the Bachelor of Science in that it does not require an additional methods course.

Graduates are prepared for employment in corporate or governmental organizations or to continue their studies in graduate programs in sociology, social science or professional schools.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Communication Studies, MA
- Global Management, MGM
- Interdisciplinary Studies, MA
- Social Justice and Human Rights, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASSOCBA-null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates apply the sociological perspective to a wide variety of jobs in:

- business and management
- government
- social services
- the criminal justice system
- the health professions

Coursework in sociology provides a valuable preparation for careers in:

- journalism
- law
- nonprofit sector
- politics
- public administration
- public relations

These are all fields that involve investigative skills and an ability to work with diverse groups. Graduates with an advanced degree in sociology may become:

- community activists
- community developers
- criminologists
- demographers
- gerontologists
- organizational advocate
- research analysts

- statisticians
- survey researchers
- urban planners

Contact Information:

Interdisciplinary Arts & Sciences, New College of
 School of Social and Behavioral Sciences
<https://newcollege.asu.edu/sociology-degree-ba>
 FAB N100
 sbsadvising@asu.edu
 602-543-3000

Sociology, BS (ASSOCBS)

Campus: West

Program Description:

Sociology is the study of the organization and development of societies and the institutions within them. The sociology program helps students better understand the development, structure, interaction and collective behavior of organized groups. The program explores the theories, practices and policies underlying the issues of social change, inequality and diversity. This BS degree program in sociology provides training in important research skills used to describe, interpret and evaluate evidence across diverse settings important in the economy.

This is a flexible program that provides opportunities for students to work collaboratively with faculty on intellectual and policy issues and helps them develop the research skills necessary for the analysis of complex social issues. The Bachelor of Science differs from the Bachelor of Arts degree in that it requires an additional methods course.

Graduates are prepared for employment in corporate or governmental organizations or to continue their studies in graduate programs in sociology, social science or professional schools.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Communication Studies, MA
- Global Management, MGM
- Interdisciplinary Studies, MA
- Social Justice and Human Rights, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASSOCBS-null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates apply the sociological perspective to a wide variety of jobs in:

- business and management
- government
- social services
- the criminal justice system
- the health professions
- the nonprofit sector

Graduates receive valuable preparation for careers in:

- journalism
- politics
- public administration
- public relations

These are all fields that involve investigative skills and an ability to work with diverse groups. Graduates with an advanced degree in sociology may become:

- community activists
- community developers
- criminologists
- demographers
- gerontologists
- organizational advocates
- research analysts
- statisticians
- survey researchers
- urban planners

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Social and Behavioral Sciences
<https://newcollege.asu.edu/sociology-degree>
FAB N100
sbsadvising@asu.edu
602-543-3000

Spanish, BA (ASSPABA)

Campus: West

Program Description:

The BA program in Spanish emphasizes language studies and examines the cultural production of Spanish-speaking communities, in Spanish.

This program provides students with the skills to communicate confidently in both a written and oral form. Students learn the history, arts, literature and cultures of Spanish-speaking countries. Graduates are prepared for graduate study, specialized professional training, government careers, and commercial and international careers.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

Additional Program Fee: N

Second Language Requirement: Yes

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASSPABA~null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

The Spanish program offers excellent preparation for graduate school or for employment as a teacher in the elementary or secondary school system, especially in those districts where bilingual programs are integral to the curricula. Outside the education system, students majoring in Spanish find employment as translators and interpreters in:

- diplomatic corps
- federal and state courts
- law enforcement agencies
- law firms
- social agencies

The business world also provides employment for those fluent in Spanish. This is especially true in the American Southwest, with its proximity to Mexico and through outlets opened by multinational trade agreements.

Contact Information:

Interdisciplinary Arts & Sciences, New College of

School of Humanities, Arts, and Cultural Studies

<https://newcollege.asu.edu/spanish-degree>

FAB N100

harcsadvising@asu.edu

602-543-3000

Statistics, BS (ASSTABS)

Campus: West

Program Description:

Almost every industry in the modern economy relies on the collection and analysis of data. The BS program in statistics prepares students to meet the demands of the ever-growing data analysis field and is a launching pad for a statistics-driven career.

Through innovative research opportunities and internships with Phoenix-area corporations, including PING, students build a solid foundation of mathematics and computing, helping them grasp a thorough understanding of both theoretical and practical statistics. This background prepares students for careers in many fields.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees.

Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 270 - Calculus w/Analytic Geometry I

Program Math Intensity: Substantial

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASSTABS~null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

In the era of big data, there is great demand for individuals with all levels of statistical training. Graduates of this program have an understanding of the transdisciplinary nature of statistics and are prepared for graduate study in statistics and related areas or for entry-level positions in a variety of fields, including business, government and the natural and social sciences, and engineering, health care and more.

Statisticians are in high demand in many areas of industry, government and academia. Some areas with particularly high demand include:

- finance
- manufacturing
- medical
- pharmaceutical

Contact Information:

Interdisciplinary Arts & Sciences, New College of

School of Mathematical and Natural Sciences

<https://newcollege.asu.edu/statistics-degree>

FAB N100

mnsadvising@asu.edu

602-543-3000

Women and Gender Studies, BS (ASWSTBS)

Campus: West

Program Description:

This interdisciplinary BS program in women and gender studies has a qualitative emphasis and explores intersectional approaches to the study of gender, race, class, ethnicity and sexuality in national and transnational contexts.

Consistent with the university's design imperatives of social embeddedness and use-inspired research, the program's course offerings, research initiatives and cocurricular programs further the understanding of women and gender, and promote social justice. Students gain a solid knowledge base and educational foundation as well as the critical thinking skills necessary for dealing with changing gender roles in society.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who

select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Communication Studies, MA

Interdisciplinary Studies, MA

Social Justice and Human Rights, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASWSTBS-null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates are prepared for further study in graduate or professional programs as well as for careers in a variety of settings, including health care services, human resources development, public and business administration and social services.

Contact Information:

Interdisciplinary Arts & Sciences, New College of

School of Humanities, Arts, and Cultural Studies

<https://newcollege.asu.edu/women-and-gender-studies>

FAB N100

harcsadvising@asu.edu

602-543-3000

Journalism & Mass Communication, Walter Cronkite School of

Digital Audiences, BS (CSDIGABS)

Campus: Online

Program Description:

In an increasingly digital world, virtually all companies and organizations are looking for professionals who know how to grow and engage audiences online. The BS program in digital audiences prepares students to reach audiences strategically with digital content and to demonstrate measurable growth.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (<https://students.asu.edu/freshman/requirements>)
Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)
International (<https://students.asu.edu/international/future>)
Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/digital-audiences-bs/>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=CSDIGABS~null + &college=CCS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Professionals with expertise in content strategy for digital audiences are in high demand across sectors and industries. Among the many career opportunities available are positions such as digital strategists, social media managers, public relations specialists, engagement managers, digital news editors, political campaign strategists, community organizers and corporate branding specialists.

Contact Information:

Journalism & Mass Communication, Walter Cronkite School of
Walter Cronkite School of Journalism & Mass Comm
<https://asuonline.asu.edu/online-degree-programs/undergraduate/digital-audiences-bs/>
CRONK 222
cronkiteadvising@asu.edu
602-496-5055

Journalism and Mass Communication, BA (CSJMCBA)

Campus: Downtown Phoenix

Program Description:

The BA in journalism and mass communication at ASU's Walter Cronkite School of Journalism and Mass Communication, widely regarded as one of the nation's premier journalism schools, is a highly professional, hands-on degree program that prepares students for careers in media and communications.

Undergraduate students learn the values and principles that have long formed the core of the journalism profession and they master the highly specialized, practical skills needed to succeed in today's digital world.

High-performing students can apply to the school's accelerated bachelor's degree and master's degree program, which allow for the completion of both degrees in five years. They also can become part of ASU's Barrett, The Honors College.

Additional Program Fee: Y
Second Language Requirement: Yes

First Required Math Course: MAT 142 - College Mathematics or any MAT course that satisfies the math requirement

Program Math Intensity: General

Concurrent Degrees:

This degree is also offered as concurrent degree program with:

- Geography (Meteorology-Climatology), BS
- Graphic Information Technology, BS
- Transborder Chicana/o and Latina/o Studies (Media and Expressive Culture), BA
- Transborder Chicana/o and Latina/o Studies (Transborder Community Development and Health), BA
- Transborder Chicana/o and Latina/o Studies (US and Mexican Regional Immigration Policy and Economy), BA

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Master of Mass Communication, MMC
- Sports Journalism, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

The Bachelor of Arts in journalism and mass communication degree program has higher admission requirements. Students should select a second choice major on the application. All applicants will be reviewed by the school. Those who are not admitted to the Cronkite School will, if eligible, be admitted to their second choice major.

Freshman applicants must meet all of the following standards:

- a 3.00 (4.00 = "A") cumulative ABOR GPA or a score of 22 on the ACT (24 for nonresidents) or a score of 1120 on the SAT (1180 for nonresidents), and
- no high school English competency deficiencies

Concurrent degree admission requirements:

Freshman applicants must meet all of the following standards:

- 3.75 minimum ABOR GPA
- no English competency deficiencies
- 1040 SAT Reasoning if taken before March 2016 or 1120 SAT Reasoning if taken after March 2016 or 22 ACT score

Transfer Admission Requirements:

Transfer students (with 12 or more transfer hours after high school graduation) are required to have a cumulative transfer GPA of 3.00 or higher and no English competency deficiencies. Transfer students should contact the school for additional steps after admission to ASU.

Transfer students (with 24 or more transferable credit hours after high school graduation) are required to have a cumulative transfer GPA of 3.00 or higher. Transfer students should contact the school for additional steps after admission to ASU.

For more information regarding transfer admission, students should visit <https://cronkite.asu.edu/degree-programs/admissions/transfer-students> (<https://cronkite.asu.edu/degree-programs/admissions/transfer-students>).

Concurrent degree admission requirements:

Transfer students must have a minimum cumulative GPA of 3.00 from a transfer institution.

Change of Major Requirements:

ASU students who would like to change their majors to journalism and mass communication must have at least a cumulative GPA of 3.00 in 12 or more credit hours of ASU courses that can be used to satisfy the Cronkite School's nonelective General Studies requirements. The course MCO

120 Media and Society, SB (3), an introductory course for nonmajors, can count in place of JMC 110 Principles and History of Journalism, SB (3).

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=CSJMCBA-null + &college=CCS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates of the Walter Cronkite School of Journalism and Mass Communication work in the following areas:

- corporate and business communication
- digital media
- international news and information outlets
- magazines
- media start-ups
- national, regional and local newspapers
- national, regional and local television
- radio
- social media and analytics
- sports organizations
- strategic media and public relations
- technology companies

Positions include:

- audience engagement specialists
- copy editors
- data analytics specialists
- designers
- directors
- documentarians and film-makers
- foreign correspondents
- media editors and managers
- new product creation specialists
- photographers
- producers
- public relations specialists
- reporters
- social media specialists
- television anchors and announcers
- videographers
- visual journalists
- writers

Contact Information:

Journalism & Mass Communication, Walter Cronkite School of
Walter Cronkite School of Journalism & Mass Comm

<https://cronkite.asu.edu/node/5527>

CRONK 302

attendcronkite@asu.edu

602-496-5555

Mass Communication and Media Studies, BA (CSMCMSTBA)

Campus: Online

Program Description:

The online program for the BA in mass communication and media studies gives students a deep and nuanced understanding of the growing

importance, power and influence of media around the world. The program explores global mass communication issues from all dimensions: societal, cultural, historical, political, economic, technological and legal.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics or any MAT course that satisfies the math requirement

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to choose either a 2.5- or a 3-year path while participating in the same high-quality educational experience of a 4-year option. Students can opt to fast-track their studies after acceptance into a participating program by connecting with their academic advisor. Fast track options appear at the top of the major map.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-mass-communication-and-media-studies/>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=CSMCMSTBA-null + &college=CCS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

A sophisticated understanding of mass communication is a critical asset for careers in business, government, community and the nonprofit sectors. Graduates of the program have career opportunities with professional organizations, educational institutions, writing firms, publishing companies, political parties and candidates, government officials and others. Graduates of the bachelor's degree in mass communication and media studies are prepared to pursue graduate studies in fields such as law, medicine, the arts, education and journalism.

Contact Information:

Journalism & Mass Communication, Walter Cronkite School of

Walter Cronkite School of Journalism & Mass Comm

<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-mass-communication-and-media-studies/>

CRONK 222

cronkiteadvising@asu.edu

602-496-5055

Sports Journalism, BA (CSSPJBA)

Campus: Downtown Phoenix

Program Description:

Sports journalism is one of the fastest-growing sectors of the news media industry, with continued growth on all platforms: specialty magazines, multimedia outlets, networks and team websites.

careers in sports media and communications through courses such as sports writing, sports photography, sports strategic communications, and ethics and diversity in sports.

Students also complete an internship and intensive professional experience in the school's sports bureau, either in Phoenix or Los Angeles. Internship partners include professional sports teams, Arizona State University athletics, local, regional and national sports media outlets like ESPN, Fox Sports, the Pac-12 Networks and more.

Additional Program Fee: Y

Second Language Requirement: Yes

First Required Math Course: MAT 142 - College Mathematics or any MAT course that satisfies the math requirement

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Master of Mass Communication, MMC

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

The Bachelor of Arts in sports journalism degree program has higher admission requirements. Students should select a second choice major on the application. All applicants are reviewed by the school. Those who are not admitted to the Cronkite School are admitted, if eligible, to their second choice of major.

Freshman applicants must meet all of the following standards:

- a 3.00 (4.00 = "A") cumulative ABOR GPA or a score of 22 on the ACT (24 nonresident) or a score of 1120 on the SAT (1180 nonresident)
- no high school English competency deficiencies

Transfer Admission Requirements:

Transfer students with 12 or more transfer credit hours after high school graduation are required to have a cumulative transfer GPA of 3.00 or higher and no English competency deficiencies. Transfer students should contact the school for additional steps after admission to ASU.

Transfer students with 24 or more transferable credit hours after high school graduation are required to have a cumulative transfer GPA of 3.00 or higher. Transfer students should contact the school for additional steps after admission to ASU.

More information regarding transfer admission is available at <https://cronkite.asu.edu/degree-programs/admissions/transfer-students> (<https://cronkite.asu.edu/degree-programs/admissions/transfer-students>).

Change of Major Requirements:

ASU students who would like to change their majors to sports journalism must have at least a cumulative GPA of 3.00 in 12 or more credit hours of ASU courses that can be used to satisfy the Cronkite School's non-elective general studies requirements. MCO 120, an introductory course for non-majors, can count in place of JMC 110.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=CSSPJBA~null + &college=CCS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Students in the sports journalism program are prepared for careers in all aspects of the media including print, broadcast, online and mobile. Positions include sports writers, reporters, producers, television anchors, multimedia associates, social media specialists, and strategic communications and public relations project coordinators.

Contact Information:

Journalism & Mass Communication, Walter Cronkite School of
Walter Cronkite School of Journalism & Mass Comm
<https://cronkite.asu.edu/node/5528>
CRONK 302
attendcronkite@asu.edu
602-496-5555

Liberal Arts & Sciences, The College of

Actuarial Science, BS (LAACTBS)

Campus: Tempe

Program Description:

Actuarial science students learn to use tools from mathematics, statistics and finance to measure the impact of risk in order to improve forecasting and decision-making in business and government sector.

Actuaries are required to pass a series of professional exams in order to become credentialed, and this degree program prepares students for these exams. This program provides students with preparation for professional actuarial credentialing exams offered by the Society of Actuaries and the Casualty Actuarial Society.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 270 - Calculus w/Analytic Geometry I

Program Math Intensity: Substantial

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Actuarial Science, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

Current ASU students wishing to change their major to actuarial science should have a minimum cumulative of GPA 3.00 (scale is 4.00 = "A"), have completed at least MAT 265 or MAT 270 and CIS 105 (or CSE 100 or CSE 110), and have earned a "B" grade or better in all critical classes they have already completed.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAACTBS~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Risk is a part of daily life and wherever there is risk, there are opportunities for actuarial intervention. Many actuaries work with insurance companies to calculate premiums, determine reserves needed to ensure an organization's financial health and to ensure organizations conform to stringent, complex legal mandates. Others help companies to establish retirement plans or are employed as consultants. Students with a Bachelor of Science degree in actuarial science possess skills that are transferable to any industry and any organization that requires risk modeling and management, including:

- colleges and universities
- consulting firms
- energy, such as utilities, oil and gas
- environment (on issues such as climate change and the financial impact or risk of extreme events)
- financial services, such as banking and investment management
- government agencies such as Social Security, the Department of Labor and Medicare (to manage social programs and to develop regulations and legislation)
- insurance companies
- retirement and pensions
- transportation, such as shipping and air travel

Students can also apply the advanced problem-solving skills learned in the actuarial science undergraduate program to a variety of other professional careers, including:

- analysts
- business operations specialists
- consultants
- teachers

Contact Information:

Liberal Arts & Sciences, The College of
School of Mathematical and Statistical Sciences
<https://math.asu.edu>
WXLR A211
math@asu.edu
480-965-7195

African and African American Studies, BA (LAAFRBA)

Campus: Tempe

Program Description:

The African and African American studies program at ASU has assembled a dynamic faculty engaged in investigating the riveting complexities of Africa. Trained in a variety of disciplines that include anthropology, health, history, journalism, literature, sociology, political science and women's studies, the faculty examine a wide array of critical issues facing African-descended peoples across the stages of life at various times and places in history.

Additional Program Fee: Y

Second Language Requirement: Yes

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Science and Technology Policy, MSTP

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAAFRBA~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Because of its emphasis on various social aspects and groups, the African and African American studies program provides students with practical applications useful for various workplaces. This program helps students develop cultural sensitivity and prepares them for careers in:

- administration
- advertising
- business
- counseling
- education
- human resources
- international relations
- journalism
- justice
- law
- management
- travel

The program prepares students for work in:

- civil rights organizations
- colleges and universities
- corporations
- government agencies
- hotel chains
- law firms
- libraries
- museums
- nonprofit organizations
- political action groups
- public relation firms
- research organizations
- sales departments
- social service agencies
- the insurance industry
- the Peace Corps
- travel agencies

Contact Information:

Liberal Arts & Sciences, The College of

School of Social Transformation
<https://sst.asu.edu/african-and-african-american-studies>
WILSN 125
SSTadvising@asu.edu
480-965-7682

American Indian Studies, BS (LAAISBS)

Campus: Tempe

Program Description:

The BS program in American Indian studies provides students with unique opportunities to evaluate issues of American Indian nations within domestic and international contexts.

The American Indian studies program is committed to broadening the knowledge of students interested in the histories, languages, cultures, arts and contemporary situations of American Indian nations and peoples, and it encompasses legal, policy, community and economic development as well as arts, languages and culture.

The program is designed to protect the integrity and identity of the indigenous populations of North America and to create a learning environment conducive to critical and creative thought.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

American Indian Studies (Indigenous Rights and Social Justice), MS

American Indian Studies (Tribal Leadership and Governance), MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAAISBS-null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates of the American Indian studies program are qualified to fill positions at the tribal, state and federal government levels and in the private sector. Graduates can advance to graduate school or can pursue professional careers in fields such as government service or public service. For example, federally and tribally operated schools located in remote areas within Indian Country have high turnover rates for both teachers and staff. American Indian studies graduates should be available to help fill these positions. Furthermore, the federal government, a major employer on many reservations across the country, is in need of qualified people who are knowledgeable in Indian cultures, laws and policies. Additionally, many American Indian nations' economies and infrastructures are developing at a rapid pace, and they are in continuous need to fill mid-management

and management-level positions.

Graduates find positions in many areas, such as:

- community action work
- public administration (tribal or state relations, nonprofit management, education administration, planner)
- public health
- the arts
- tribal employment (political office, tribal management, cultural resource programming, grant writer, cultural specialist, youth services)

This program also provides suitable preparation for graduate study or law school.

Contact Information:

Liberal Arts & Sciences, The College of
American Indian Studies Program
<https://americanindian.asu.edu/>
DISCOVERY 356
AIS@asu.edu
480-965-3634

Anthropology, BA (LAASBBA)

Campus: Tempe, Online

Program Description:

A BA in anthropology lies at the cross-section between complex reasoning, the collection and analysis of data, and pure human ingenuity.

In this degree program students learn how to use the scientific method to formulate and test hypotheses and gather qualitative and quantitative data through participant observation, interviewing, ethnographic study, careful excavation and measurement. They also learn how to employ statistics to analyze and extract meaning from data.

A special feature of the ASU anthropology program is its relevance to other disciplines and many exciting hands-on learning opportunities in laboratories and through study abroad and field-based courses.

Using skills gained through this program, graduates discover rewarding career paths and new avenues of public understanding in everything from humankind's historical origins to modern sociocultural intricacies.

Students currently enrolled in the Bachelor of Arts in anthropology may not pursue a concurrent degree with the Bachelor of Science in anthropology or the Bachelor of Arts in global health due to the high level of overlap in curriculum. Students should speak with their academic advisor for any further questions.

Additional Program Fee: Y

Second Language Requirement: Yes

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-anthropology/>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercrreditguide/app/transfermap?major=LAASBBA~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

The demand in the job market for people with an anthropology background is stimulated by a growing need for researchers and analysts with keen thinking skills who can manage, evaluate and interpret large amounts of data. As the many spheres of human interaction expand globally, people trained in anthropology are increasingly sought for their broad, holistic knowledge and perspectives, which are the hallmarks of anthropology.

Some career opportunities include:

- acting as legal advocates in international cases
- analyzing and proposing policies
- conducting postgraduate academic research
- consulting for private and public organizations
- curating cultural resources
- directing nonprofit organizations
- directing programs in the private or public sector
- managing culture or heritage resources in private or public sectors
- modeling infectious diseases
- planning communities
- providing healthcare as nurses, doctors or public or global health professionals
- teaching

Contact Information:

Liberal Arts & Sciences, The College of
School of Human Evolution & Social Change
<https://shesc.asu.edu>
SHESC 233
shesc.undergrad@asu.edu
480-965-6215

Anthropology, BS (LAASBBS)

Campus: Tempe

Program Description:

Anthropology is the study of how and why humans evolved and how evolutionary biological, social and cultural trajectories help explain the meaning of being human in past, present and future environments. The BS program in anthropology gives students an opportunity to master anthropological knowledge and skills, or the anthropologically relevant, through applications of the scientific method and quantitative methodologies.

In core and elective courses, the bachelor's degree program in anthropology allows students to explore problems that may require the use of theories and methods from diverse disciplines, including biology, global health, applied mathematics, psychology, economics, sociology, medicine, law and engineering. The curriculum provides many exciting, hands-on learning opportunities through laboratories, study abroad and field-based courses.

Students currently enrolled in the BS in anthropology may not pursue a concurrent degree with the Bachelor of Arts in anthropology or the BA in global health due to the high level of overlap in curriculum. Students should speak with their academic advisor for any further questions.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 251 - Calculus for Life Sciences

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)
Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)
International (<https://students.asu.edu/international/future>)
Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements: A current ASU student has no additional requirements for changing majors. Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAASBBS~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

The demand in the job market for people with an anthropology background is stimulated by a growing need for researchers and analysts with keen thinking skills who can manage, evaluate and interpret large amounts of data. As the many spheres of human interaction expand globally, people trained in anthropology will increasingly be sought for their broad, holistic knowledge and perspective, which are the hallmarks of anthropology.

Some career opportunities include:

- acting as legal advocates in international cases
- analyzing and proposing policies
- conducting postgraduate academic research
- consulting for large and small private and public organizations
- curating cultural resources
- directing nonprofit organizations
- directing programs in the private or public sector
- managing cultural resources in public and private sectors
- modeling infectious diseases
- planning communities
- providing health care as nurses, doctors, or public or global health professionals
- teaching

Contact Information:

Liberal Arts & Sciences, The College of
School of Human Evolution & Social Change
<https://shesc.asu.edu>
SHESC 233
shesc.undergrad@asu.edu
480-965-6215

Applied Mathematics for Life and Social Sciences, BS (LAAMLBS)

Campus: Tempe

Program Description:

The BS in applied mathematics for the life and social sciences is unlike any other math program. It offers a novel and in-demand approach to investigating, integrating and solving for the physical, life and social sciences, across new, pressing applications such as mass violence, contagion, wildlife-human interactions and the transmission of behaviors through influence.

Degree seekers in this program are immersed in the use of proven theory, modeling and computational methods, while collaborating with and contributing to diverse fields such as anthropology, global health and environmental social science. The insights and skills gained allow graduates to confidently create accurate, versatile and practical answers desperately needed to improve or remedy real-life issues.

Nationally recognized experts ensure program graduates are well equipped for prestigious career paths in government, medicine, technology, security or other fields requiring vigorous data analysis or accurate projections, with an insight into human nature.

Additional Program Fee: Y

Second Language Requirement: N**First Required Math Course:** MAT 270 - Calculus w/Analytic Geometry I**Program Math Intensity:** Substantial**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)International (<https://students.asu.edu/international/future>)Readmission (<https://students.asu.edu/readmission>)**Change of Major Requirements:**

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.**Transfer Options:**ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transferecreditguide/app/transfermap?major=LAAMLBS~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.**Career Opportunities:**

The bachelor's degree program in applied mathematics for the life and social sciences prepares students to enter the environmental, life, health, mathematical and social science fields. Graduates of the program possess the quantitative, scientific and analytical skills that are critical for professionals working in these areas.

The need for scientists and professionals quantitatively trained in the life and social sciences is strong in Arizona and the nation. This degree's applied use of mathematics, modeling, statistics and simulation methodologies are in high demand and provide excellent training for future academics and professionals in industries including:

- astrophysics
- biostatistics
- chemical engineering
- communications
- computational biology
- computer animation
- data mining
- demography
- digital and medical imaging
- e-commerce
- education
- forensics
- genomics
- informatics and complex systems research
- materials science
- neuroscience
- pharmaceutical engineering
- political science
- public health
- risk management
- security and military
- social network analysis

Contact Information:Liberal Arts & Sciences, The College of
School of Human Evolution & Social Change
<https://shesc.asu.edu>

Asia Studies (East Asia), BA (LAHSTEABA)

Campus: Tempe

Program Description:

The BA in Asia studies offers students the opportunity to study East Asia, South Asia or Southeast Asia in depth through a coherent concentration of academic study across a number of disciplines. The transdisciplinary approach provides students with a variety of intellectual tools to address contemporary political, social and cultural issues in Asia and to apply their knowledge in various academic and practical settings.

The Asia studies degree program with a concentration on East Asia includes coursework on China, Japan, Korea and Taiwan.

Additional Program Fee: Y

Second Language Requirement: Yes

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Global Management (Creative Industries and Design Thinking), MGM
- Global Management (Digital Audience Strategy), MGM
- Global Management (Global Affairs), MGM
- Global Management (Global Business), MGM
- Global Management (Global Development and Innovation), MGM
- Global Management (Global Digital Transformation), MGM
- Global Management (Global Entrepreneurship), MGM
- Global Management (Global Health Care Delivery), MGM
- Global Management (Global Legal Studies), MGM
- Global Management (Integrated Health Care), MGM
- Global Management (Nonprofit Leadership and Management), MGM
- Global Management (Public Administration), MGM
- Global Management (Public Policy), MGM
- Global Management (Sustainability Solutions), MGM
- Global Management (Sustainable Tourism), MGM
- Global Management, MGM

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAHSTEABA~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

People knowledgeable about Asia are required in virtually every arena in which the U.S. interacts with the rest of the world, including:

- communication
- diplomacy
- food security
- higher education
- humanitarian service
- intelligence
- international organizations
- journalism
- law
- law enforcement
- military
- philanthropy
- technology transfer
- tourism
- trade
- transportation

Contact Information:

Liberal Arts & Sciences, The College of
Historical, Philosophical & Religious Studies, Sch
<https://shprs.asu.edu/node/160>
COOR 3307
SHPRSadvising@asu.edu
480-965-8364

Asia Studies (South Asia), BA (LAHSTSABA)

Campus: Tempe

Program Description:

The BA program in Asia studies offers students the opportunity for in-depth study of East Asia, South Asia or Southeast Asia through a coherent curriculum of academic study across a number of disciplines. The transdisciplinary approach provides students with a variety of intellectual tools to address contemporary political, social and cultural issues in Asia and enables them to apply valuable knowledge in various academic and practical settings.

The Asia studies degree program with a concentration on South Asia includes coursework covering Bangladesh, India, Pakistan and other South Asian states and societies.

Additional Program Fee: Y

Second Language Requirement: Yes

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Global Management (Creative Industries and Design Thinking), MGM
- Global Management (Digital Audience Strategy), MGM
- Global Management (Global Affairs), MGM
- Global Management (Global Business), MGM
- Global Management (Global Development and Innovation), MGM
- Global Management (Global Digital Transformation), MGM
- Global Management (Global Entrepreneurship), MGM
- Global Management (Global Health Care Delivery), MGM
- Global Management (Global Legal Studies), MGM
- Global Management (Integrated Health Care), MGM
- Global Management (Nonprofit Leadership and Management), MGM
- Global Management (Public Administration), MGM
- Global Management (Public Policy), MGM

Global Management (Sustainability Solutions), MGM

Global Management (Sustainable Tourism), MGM

Global Management, MGM

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements: A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAHSTSABA~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

People knowledgeable about Asia are required in virtually every arena in which the U.S. interacts with the rest of the world, including:

- communication
- diplomacy
- food security
- higher education
- humanitarian service
- intelligence
- international organizations
- journalism
- law
- law enforcement
- military
- philanthropy
- technology transfer
- tourism
- trade
- transportation

Contact Information:

Liberal Arts & Sciences, The College of
Historical, Philosophical & Religious Studies, Sch

<https://shprs.asu.edu/node/158>

COOR 3307

SHPRSadvising@asu.edu

480-965-8364

Asia Studies (Southeast Asia), BA (LAHSTSEABA)

Campus: Tempe

Program Description:

The BA in Asia studies offers students the opportunity for in-depth study of East Asia, South Asia or Southeast Asia through a coherent curriculum of academic study across a number of disciplines. The transdisciplinary approach provides students with a variety of intellectual tools to address contemporary political, social and cultural issues in Asia and to apply their knowledge in various academic and practical settings.

The Asia studies degree program with a concentration on Southeast Asia includes coursework covering:

- Brunei
- Burma/Myanmar
- Cambodia
- East Timor
- Indonesia
- Laos
- Malaysia
- Singapore
- Thailand
- the Philippines
- Vietnam

Additional Program Fee: Y

Second Language Requirement: Yes

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Global Management (Creative Industries and Design Thinking), MGM
- Global Management (Digital Audience Strategy), MGM
- Global Management (Global Affairs), MGM
- Global Management (Global Business), MGM
- Global Management (Global Development and Innovation), MGM
- Global Management (Global Digital Transformation), MGM
- Global Management (Global Entrepreneurship), MGM
- Global Management (Global Health Care Delivery), MGM
- Global Management (Global Legal Studies), MGM
- Global Management (Integrated Health Care), MGM
- Global Management (Nonprofit Leadership and Management), MGM
- Global Management (Public Administration), MGM
- Global Management (Public Policy), MGM
- Global Management (Sustainability Solutions), MGM
- Global Management (Sustainable Tourism), MGM
- Global Management, MGM

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAHSTSEABA~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

People knowledgeable about Asia are required in virtually every arena in which the U.S. interacts with the rest of the world, including:

- communication
- diplomacy
- food security
- higher education
- humanitarian service
- intelligence
- international organizations
- journalism
- law
- law enforcement
- military studies
- philanthropy
- technology transfer
- tourism
- trade
- transportation

Contact Information:

Liberal Arts & Sciences, The College of
Historical, Philosophical & Religious Studies, Sch
<https://shprs.asu.edu/node/165>
COOR 3307
SHPRSadvising@asu.edu
480-965-8364

Asian Languages (Chinese), BA (LACHIBA)

Campus: Tempe

Program Description:

The BA program in Asian languages with a concentration in Chinese emphasizes proficiency in reading, writing and speaking Mandarin and in reading classical Chinese. Students gain an in-depth understanding of the fundamentals of the rich Chinese cultural tradition, centered on primary Chinese texts (in Chinese and in English translation) from the literary, intellectual and religious cultures of Chinese-speaking societies. These texts include visual and written materials on a variety of topics, including:

- history
- linguistics
- literary theory
- media
- philosophy
- religion
- urban culture

Highly-motivated students interested in learning Chinese to professional-level proficiency are encouraged to inquire about the Chinese Language Flagship Program: <https://silc.asu.edu/chineseflagship> (<https://silc.asu.edu/chineseflagship>). All students with higher levels of linguistic competency may enroll in targeted courses (conducted in Chinese) offered as part of the Chinese flagship track.

Additional Program Fee: Y

Second Language Requirement: Yes

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Global Management, MGM

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LACHIBA~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Knowledge of multiple languages and intercultural competencies enhance any occupation and offer graduates many career opportunities.

Language-intensive professions include:

- foreign correspondent or media professional
- foreign service officer
- health professional
- intelligence officer
- international banking and finance professional
- international businessperson
- language teacher
- law and immigration professional
- multilingual administrative professional
- nongovernmental organization professional
- professor of language, literature and culture
- social services professional
- translator or interpreter
- travel professional

Career fields in which speaking multiple languages is a benefit include:

- advertising, marketing and communications
- airline industry
- film, television or multimedia
- foreign correspondence and journalism
- hospitality industry
- hotel and resort management
- intelligence
- international education and study abroad administration
- international law
- military
- ministry
- public relations
- publishing
- technology industries

Additional education and certification may be required for some career paths.

Contact Information:

Liberal Arts & Sciences, The College of

School of International Letters and Cultures
<https://silc.asu.edu/degrees/undergrad>
LL 440
silcadvising@asu.edu
480-965-6281

Asian Languages (Japanese), BA (LAJPNBA)

Campus: Tempe

Program Description:

Students in the BA program in Asian languages with a concentration in Japanese study the language, literature and culture of Japan and gain a respectable measure of competence in reading, writing, and oral and aural skills in the Japanese language. Students also gain linguistic and cultural competence through the required study of classical Japanese.

Throughout the program, students may take language courses in Chinese or Korean, or they may take courses about Chinese or Korean culture. Students also take related courses in Japanese and East Asian culture on topics such as art, government, Japanese history, linguistics, literary and cultural theory, and religion.

In addition, ASU offers summer or yearlong programs to study abroad in Japan. More information on study abroad opportunities is available at <https://mystudyabroad.asu.edu> (<https://mystudyabroad.asu.edu/>).

Additional Program Fee: Y

Second Language Requirement: Yes

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Global Management, MGM

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAJPNBA~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Knowledge of multiple languages and intercultural competencies enhance any occupation and offer graduates many career opportunities.

Language-intensive careers include:

- foreign correspondent or media professional
- foreign service officer
- health professional

- intelligence officer
- international banking and finance professional
- international businessperson
- language teacher
- law and immigration professional
- multilingual administrative professional
- NGO professional
- professor of language, literature and culture
- social services professional
- translator or interpreter
- travel professional

Career fields and occupations using languages include:

- advertising, marketing or communications
- airline industry
- film, television or multimedia
- hospitality industry
- hotel and resort management
- intelligence
- international education and study abroad administration
- international law
- lifestyle management
- military
- ministry
- public relations
- publishing
- technology industries

Additional education and certification may be required for some career paths.

Contact Information:

Liberal Arts & Sciences, The College of
 School of International Letters and Cultures
<https://silc.asu.edu/degrees/undergrad>
 LL 440
 silcadvising@asu.edu
 480-965-6281

Asian Pacific American Studies, BA (LAAPABA)

Campus: Tempe

Program Description:

The BA program in Asian Pacific American studies provides an opportunity for students to study the long history and rich contemporary experiences, cultures and communities of Asian Americans and Pacific Islanders in the Southwest and in the United States.

Dedicated and inspiring faculty lead students through an interdisciplinary liberal arts emphasis on critical thinking, complex reasoning and solid writing skills, preparing them to engage in research that informs meaningful dialogues between policymakers, educators and society at large about Asian American and Pacific Islander communities. Students understand the challenges and opportunities of U.S. society on why race matters today, how people have worked together cooperatively to make positive change, and identify solutions with creative, applied thought.

The Asian Pacific American studies program is housed in ASU's interdisciplinary School of Social Transformation, the only school of its kind in the United States.

Additional Program Fee: Y

Second Language Requirement: Yes

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)
Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)
International (<https://students.asu.edu/international/future>)
Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAAPABA~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Students who complete the bachelor's degree program in Asian Pacific American studies may pursue a graduate degree in law, humanities or social sciences. Graduates also are prepared to work in positions involving:

- business
- community organizations
- creative arts
- education
- health
- immigration
- journalism
- law
- social work

Contact Information:

Liberal Arts & Sciences, The College of
School of Social Transformation
<https://sst.asu.edu/asian-pacific-american-studies>
WILSN 125
SSTadvising@asu.edu
480-965-7682

Astronomical and Planetary Sciences, BS (LAASTPLSBS)

Campus: Online

Program Description:

The online BS program in astronomical and planetary sciences provides broad training in the scientific foundations required to understand and communicate the fundamentals of space exploration and ongoing advances in the field. The degree program includes groundwork in mathematics and physical sciences, topical courses focused on diverse fields within astronomy and planetary science, and exposure to the engineering and computational tools and techniques used to carry out research.

Additional Program Fee: N

Second Language Requirement: Y

First Required Math Course: MAT 170 - Precalculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/astronomy-bachelors/>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercrreditguide/app/transfermap?major=LAASSTPLSBS~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates pursue careers in fields that value the quantitative, technical skills taught as part of an astronomy education. These include K-12 STEM teaching positions, science and technology journalism and writing careers, and technical careers involving statistical data analysis or computer programming or technical positions supporting space and research industry and policy.

Contact Information:

Liberal Arts & Sciences, The College of
School of Earth and Space Exploration
<https://sese.asu.edu>
ISTB4 795
SESE-advising@asu.edu
480-965-5081

Biochemistry, BA (LABCHBA)

Campus: Tempe, Online

Program Description:

The BA program in biochemistry provides students with a wide array of courses such as basic chemistry; the chemistry of biomolecules; cellular function; and liberal arts and languages.

This program is a flexible option for students interested in a liberal arts degree with a strong grounding in physical science. It is ideal for students seeking to complete two degrees. Students wishing to pursue a scientific graduate degree should consider the BS in biochemistry.

Additional Program Fee: Y

Second Language Requirement: Yes

First Required Math Course: MAT 251 - Calculus for Life Sciences

Students may complete MAT 270 Calculus with Analytic Geometry I in lieu of MAT 251 Calculus for Life Sciences.

Program Math Intensity: Moderate

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Global Management, MGM

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/biochemistry-ba/>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LABCHBA~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates of this program are prepared for careers in a variety of fields, such as medicine and health, chemical and biotechnology industry, pharmaceuticals, environmental and food science, food production, environmental protection, scientific sales and marketing, and other forms of public service such as policymaking and teaching, patent law, and many other technical areas.

Those with a Bachelor of Arts in biochemistry also are well-prepared for application to graduate schools, such as medical, dental and pharmacy.

Career examples include but are not limited to those shown in the following list. Advanced degrees or certifications may be required for academic or clinical positions.

Contact Information:

Liberal Arts & Sciences, The College of
School of Molecular Sciences

<https://sms.asu.edu>

PSD 104

SMSadvising@asu.edu

480-965-7667

Biochemistry, BS (LABCHBS)

Campus: Tempe, Online

Program Description:

Students in the BS program in biochemistry take courses in a wide array of subjects, such as basic chemistry, the properties and function of biomolecules, and the mechanisms of cellular function and living organisms.

The Bachelor of Science program in biochemistry provides the necessary training for competitive applications to medical, dental, pharmacy and other health-related graduate schools, and to advanced graduate research degree programs in biochemistry.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 270 - Calculus w/Analytic Geometry I

Program Math Intensity: Substantial

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Biochemistry (Medicinal Chemistry), MS

Global Management, MGM

Nanoscience, PSM

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-biochemistry/>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transferecreditguide/app/transfermap?major=LABCHBS~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

A BS degree in biochemistry is an excellent choice for careers in medicine and health, chemical and biotechnology industries, drug design and pharmaceuticals, new sources of energy and materials, research, government laboratories, environmental and food science, teaching and many other technical areas.

Career examples include but are not limited to those shown in the following list. Advanced degrees or certifications may be required for academic or clinical positions.

Contact Information:

Liberal Arts & Sciences, The College of

School of Molecular Sciences

<https://sms.asu.edu>

PSD 104

SMSadvising@asu.edu

480-965-7667

Biochemistry (Medicinal Chemistry), BS (LABCHMBS)

Campus: Tempe, Online

Program Description:

Students take courses in areas ranging from basic chemistry, through the properties and function of biomolecules and the mechanisms of cellular function to living organisms. With a concentration in medicinal chemistry, students learn how to apply chemical and biochemical thinking to the design and function of medicines.

Many students who intend to apply to medical school take biochemistry with a medicinal chemistry emphasis in order to make their applications more competitive, and this degree program is ideal for such students. The program provides excellent preparation for advanced graduate study in biochemistry and for careers in drug design and pharmaceuticals, medicine and health, research, food production, environmental protection and several other technical fields.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 270 - Calculus w/Analytic Geometry I

Program Math Intensity: Substantial

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Biochemistry (Medicinal Chemistry), MS
Nanoscience, PSM

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/medicinal-chemistry/>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LABCHMBS-null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

A solid undergraduate education in biochemistry provides the necessary background for career paths in chemical, pharmaceutical and biotechnology industries and also for careers in governmental regulation, health care, research and other areas.

Students planning careers in medicine, dentistry, pharmacy or veterinary medicine often pursue the medicinal chemistry concentration, with supporting work in biology and chemistry as the route for preprofessional training.

Career examples include but are not limited to those shown in the following list. Advanced degrees or certifications may be required for academic or clinical positions.

Contact Information:

Liberal Arts & Sciences, The College of
School of Molecular Sciences
<https://sms.asu.edu>
PSD 104
SMSadvising@asu.edu
480-965-7667

Biological Sciences, BS (LABSCBS)

Campus: Tempe, Online

Program Description:

The life sciences delve into the study of the basic organization and processes of life (microbes, plants and animals) at scales ranging from molecules to ecosystems and in time from picoseconds to millennia. This includes investigations into how hereditary information is transferred and organisms evolve, the interplay of organisms and their environments, and how these factors interact in health and disease.

Students interested in a degree in life sciences can opt for a BS in biological sciences or choose one of five concentrations:

- biology and society

- biomedical sciences
- conservation biology and ecology
- genetics, cell and developmental biology
- neurobiology, physiology and behavior

This program is available as an accelerated degree program: <https://sols.asu.edu/degree-programs/accelerated-bachelor-master-science> (<https://sols.asu.edu/degree-programs/accelerated-bachelor-master-science>).

Due to the high volume of overlap in curriculum, students enrolled in a Bachelor of Science degree in the School of Life Sciences may be restricted from declaring a concurrent degree within the school. Students should speak with their academic advisor for any further questions.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 251 - Calculus for Life Sciences

Program Math Intensity: Moderate

Concurrent Degrees:

This degree is also offered as concurrent degree program with Secondary Education, BAE

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Biology (Biology and Society), MS
- Biology, MS
- Global Management (Creative Industries and Design Thinking), MGM
- Global Management (Digital Audience Strategy), MGM
- Global Management (Global Affairs), MGM
- Global Management (Global Business), MGM
- Global Management (Global Development and Innovation), MGM
- Global Management (Global Digital Transformation), MGM
- Global Management (Global Entrepreneurship), MGM
- Global Management (Global Health Care Delivery), MGM
- Global Management (Global Legal Studies), MGM
- Global Management (Integrated Health Care), MGM
- Global Management (Nonprofit Leadership and Management), MGM
- Global Management (Public Administration), MGM
- Global Management (Public Policy), MGM
- Global Management (Sustainability Solutions), MGM
- Global Management (Sustainable Tourism), MGM
- Global Management, MGM
- Microbiology, MS
- Molecular and Cellular Biology, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/biological-sciences-bs/>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LABSCBS-null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

The biological sciences major with no concentration is designed for students who are committed to studying and training in multiple disciplines in biology and for students who want to get more exposure to the life sciences before deciding whether they want to declare a concentration as an undergraduate. Therefore, students in this major take core courses from several concentrations. Students in this major have more flexibility to customize their program of study so they can focus on their own area of interest that may not have a concentration, such as plant biology or genomics.

The biological science major provides an excellent foundation for graduate study as well as preparation for professional schooling in:

- dentistry
- medicine
- pharmacy
- veterinary medicine

Graduates may enter positions in:

- biotechnology
- education
- government
- industry

Contact Information:

Liberal Arts & Sciences, The College of
School of Life Sciences
<https://sols.asu.edu/>
LSA 189
sols.advising@asu.edu
480-727-6277

Biological Sciences (Biology and Society), BS (LABSCSBS)

Campus: Tempe, Online

Program Description:

The BS program in biological sciences with a concentration in biology and society focuses on training biology students to understand the social context of their science, to ask how and why a biological problem has been and should be studied. Students explore the ways in which policy decisions shape and are shaped by biological research and they investigate the meaning and significance of the life sciences in understanding our complex world.

The biology and society curriculum is highly individualized. This unique degree is home to world-class researchers and teachers in diverse fields, including bioscience ethics, history and philosophy of science, science communication, science education and science policy, all brought together under one program. Students have the opportunity to work with many renowned scholars in independent study and research projects.

This program is available as an accelerated degree program: <https://sols.asu.edu/degree-programs/accelerated-bachelor-master-science> (<https://sols.asu.edu/degree-programs/accelerated-bachelor-master-science>).

Due to the high volume of overlap in curriculum, students enrolled in a Bachelor of Science degree in the School of Life Sciences may be restricted from declaring a concurrent degree within the school. Students should speak with their academic advisor for any further questions.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 251 - Calculus for Life Sciences or MAT 270 Calculus with Analytic Geometry I

Program Math Intensity: Moderate

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Biology (Biology and Society), MS
- Biology, MS
- Global Management (Creative Industries and Design Thinking), MGM
- Global Management (Digital Audience Strategy), MGM
- Global Management (Global Affairs), MGM
- Global Management (Global Business), MGM
- Global Management (Global Development and Innovation), MGM
- Global Management (Global Digital Transformation), MGM
- Global Management (Global Entrepreneurship), MGM
- Global Management (Global Health Care Delivery), MGM
- Global Management (Global Legal Studies), MGM
- Global Management (Integrated Health Care), MGM
- Global Management (Nonprofit Leadership and Management), MGM
- Global Management (Public Administration), MGM
- Global Management (Public Policy), MGM
- Global Management (Sustainability Solutions), MGM
- Global Management (Sustainable Tourism), MGM
- Global Management, MGM
- Microbiology, MS
- Molecular and Cellular Biology, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/biology-and-society/>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LABSCSBS~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Biology and society students gain the historical, philosophical, political and ethical perspectives needed to explore interactions between the life sciences and related, complex human issues. As a result, the program contributes to better informed and more effective teachers, writers, policymakers, clinicians and researchers in areas related to biology, medicine and society.

As a result of the individualized, skill-based curriculum, biology and society majors are eligible for a broad range of career options. Most graduates have chosen to pursue professional degrees in medicine, law, public health or public policy, or graduate study in biology, ethics, education or history and philosophy of science. Graduates enter the workforce, whether in academia, industry, government or clinical practice, with a deep sensitivity to the complexity of biology in society and the skill to navigate that complexity throughout their careers.

Contact Information:

Liberal Arts & Sciences, The College of

School of Life Sciences
<https://sols.asu.edu/>
LSA 189
sols.advising@asu.edu
480-727-6277

Biological Sciences (Biomedical Sciences), BS (LABSCMBS)

Campus: Tempe, Online

Program Description:

The biomedical sciences concentration serves students in the biological sciences BS degree program who wish to pursue careers in medicine, other health professions or biomedical research in academic, clinical or industry settings. The curriculum aligns with the broad scientific competencies recommended for premedical students in a report of the American Medical Colleges and the Howard Hughes Medical Committee and reflected in the 2015 changes to the Medical College Admission Test.

Coursework draws from the school's concentration in genetics, cell and developmental biology and the concentration in neurobiology, physiology and behavior, with the addition of courses in biology and in medicine and society. The concentration focuses on chemistry, biochemistry, math and physics coursework that is necessary to prepare students for the MCAT and for medical school admissions. The concentration emphasizes core concepts, competencies and critical intellectual skills necessary to succeed in medical school or biomedical research.

This program is available as an accelerated degree program: <https://sols.asu.edu/degree-programs/accelerated-bachelor-master-science> (<https://sols.asu.edu/degree-programs/accelerated-bachelor-master-science>).

Due to the high volume of overlap in curriculum, students enrolled in a Bachelor of Science degree in the School of Life Sciences may be restricted from declaring a concurrent degree within the school. Students should speak with their academic advisor for any further questions.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 251 - Calculus for Life Sciences or MAT 270 Calculus with Analytic Geometry I

Program Math Intensity: Moderate

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Biology, MS

Global Management, MGM

Microbiology, MS

Molecular and Cellular Biology, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/biological-sciences-biomedical-sciences-bs/>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LABSCMBS~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates are well-equipped to enter into careers as research scientists or as scientists in the health professions, having met the majority of prerequisite requirements and mastered many of the competencies valued by graduate programs in medical, dental and optometry fields or programs which prepare students to be physician assistants or physical therapists.

Additionally, graduates of this program have an understanding of the process of science, preparing them for a career in research. They have knowledge of foundational concepts in biological sciences, chemistry, physics and statistics and the ability to understand and apply core biomedical concepts. This prepares them for entry into biology research in a vast number of areas, some of which include genetics, genomics, evolution, physiology and immunology.

Contact Information:

Liberal Arts & Sciences, The College of
School of Life Sciences
<https://sols.asu.edu/>
LSA 189
sols.advising@asu.edu
480-727-6277

Biological Sciences (Conservation Biology and Ecology), BS (LABSCCBS)

Campus: Tempe, Online

Program Description:

Ecology is the study of the distribution and abundance of organisms, the interactions among organisms, and the interactions between organisms and the physical environment. Conservation biology is an applied science based on ecological principles that focuses on conserving biological diversity and on restoring degraded ecosystems.

Arizona State University is committed to a more sustainable world, and sharing knowledge of conservation biology and ecology through the BS program in biological sciences with a concentration in conservation biology and ecology is one critical component to help meet this global challenge.

Conservation biologists at ASU investigate the impact of humans on Earth's biodiversity and develop practical approaches to prevent the extinction of species and promote the sustainable use of biological resources. Some investigate the causes of ecosystem degradation and use ecological principles to reestablish desired conditions in a variety of ecosystems, including rivers, wetlands, grasslands, urban landscapes and forests.

This program is available as an accelerated degree program: <https://sols.asu.edu/degree-programs/accelerated-bachelor-master-science> (<https://sols.asu.edu/degree-programs/accelerated-bachelor-master-science>).

Due to the high volume of overlap in curriculum, students enrolled in a Bachelor of Science degree in the School of Life Sciences may be restricted from declaring a concurrent degree within the school. Students should speak with their academic advisor for any further questions.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 251 - Calculus for Life Sciences or MAT 270 Calculus with Analytic Geometry I

Program Math Intensity: Moderate

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Biology (Biology and Society), MS
- Biology, MS
- Global Management, MGM
- Microbiology, MS
- Molecular and Cellular Biology, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/conservation-biology-degree/>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LABSCCBS~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

The curriculum prepares students with skills and concepts for employment and provides a solid platform for students who wish to attend graduate school. Graduates are prepared for careers with:

- governmental agencies such as the Environmental Protection Agency and state game and fish departments
- K-12 education, colleges and universities
- nongovernmental organizations such as The Nature Conservancy and Conservation International
- private companies focused on environmental resources, environmental law or environmental economics

The concentration can provide training in specific skills that might be needed in these areas:

- animal and plant physiology, identification and ecology
- behavioral ecology and population biology
- community, ecosystem and landscape ecology
- conservation of endangered species
- ecology of different habitats, including cities, lakes, rivers and grasslands
- restoration of degraded ecosystems

Contact Information:

Liberal Arts & Sciences, The College of

School of Life Sciences

<https://sols.asu.edu/>

LSA 189

sols.advising@asu.edu

480-727-6277

Biological Sciences (Genetics, Cell and Developmental Biology), BS (LABSCGBS)

Campus: Tempe

Program Description:

The BS degree program in biological sciences with a concentration in genetics, cell and developmental biology integrates the study of three exciting, closely related areas of life science research. Genetics examines the blueprints of life, such as DNA sequence and gene expression, while cell biology studies the machinery of life enclosed within the boundaries of cells. Developmental biology uses both genetics and cell biology to understand how genes and the environment interact to produce a whole new individual from a single cell as well as understand the various developmental changes that organisms undergo throughout life. The combined study of genetics, cell biology and development has resulted in a better understanding of many diseases and promises to prove even more important in the future.

This program is available as an accelerated degree program: <https://sols.asu.edu/degree-programs/accelerated-bachelor-master-science>

(<https://sols.asu.edu/degree-programs/accelerated-bachelor-master-science>).

Due to the high volume of overlap in curriculum, students enrolled in a Bachelor of Science degree in the School of Life Sciences may be restricted from declaring a concurrent degree within the school. Students should speak with their academic advisor for any further questions.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 251 - Calculus for Life Sciences or MAT 270 Calculus with Analytic Geometry I

Program Math Intensity: Moderate

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Biology (Biology and Society), MS
- Biology, MS
- Global Management (Creative Industries and Design Thinking), MGM
- Global Management (Digital Audience Strategy), MGM
- Global Management (Global Affairs), MGM
- Global Management (Global Business), MGM
- Global Management (Global Development and Innovation), MGM
- Global Management (Global Digital Transformation), MGM
- Global Management (Global Entrepreneurship), MGM
- Global Management (Global Health Care Delivery), MGM
- Global Management (Global Legal Studies), MGM
- Global Management (Integrated Health Care), MGM
- Global Management (Nonprofit Leadership and Management), MGM
- Global Management (Public Administration), MGM
- Global Management (Public Policy), MGM
- Global Management (Sustainability Solutions), MGM
- Global Management (Sustainable Tourism), MGM
- Global Management, MGM
- Microbiology, MS
- Molecular and Cellular Biology, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LABSCGBS~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates of this concentration have a variety of career options. This degree provides the fundamental coursework necessary for admission into medical, dental, veterinarian, pharmacy or graduate schools or any of the health professions. There also are many employment opportunities that can be pursued upon receipt of the Bachelor of Science with this concentration:

- animal breeder technician
- bioinformaticist
- biotechnologist
- cell culture specialist
- cloning technician
- crime lab technician
- cytotechnologist
- drug design technician
- food and drug inspector
- genetic counselor
- histologist
- in-vitro fertilization technician
- plant improvement specialist
- teacher
- technical writer
- vaccine development technician

Students in this concentration program learn critical thinking skills that can be applied to many scientific problems and professions as well as to the challenges of daily life. Students are encouraged to engage in independent research projects or internship opportunities to develop a better sense of how science is done.

Contact Information:

Liberal Arts & Sciences, The College of
 School of Life Sciences
<https://sols.asu.edu/>
 LSA 189
sols.advising@asu.edu
 480-727-6277

Biological Sciences (Neurobiology, Physiology and Behavior), BS (LABSCABS)

Campus: Tempe

Program Description:

The neurobiology, physiology and behavior concentration serves students in the biological sciences BS degree program with a broad yet rigorous education.

While it might seem that neurobiology, physiology and behavior are quite separate fields, the three interact extensively in living organisms to achieve common goals. By studying neurobiology, behavior and physiology from the perspectives of molecular and cellular biology, evolution, organ systems (neural, endocrine, cardiovascular, respiratory, immune, etc.) and the environment, students gain insight into how these aspects work together in a variety of ways. Students in this concentration also learn to apply principles from mathematics, chemistry and physics. Discoveries are made at the laboratory bench and in the field, and students in the concentration are encouraged to participate in research projects in the labs of our faculty members.

This program is available as an accelerated degree program: <https://sols.asu.edu/degree-programs/accelerated-bachelor-master-science> (<https://sols.asu.edu/degree-programs/accelerated-bachelor-master-science>).

Due to the high volume of overlap in curriculum, students enrolled in a Bachelor of Science degree in the School of Life Sciences may be restricted from declaring a concurrent degree within the school. Students should speak with their academic advisor for any further questions.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 251 - Calculus for Life Sciences or MAT 270 Calculus with Analytic Geometry I

Program Math Intensity: Moderate

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Biology (Biology and Society), MS

Biology, MS

Global Management (Creative Industries and Design Thinking), MGM

Global Management (Digital Audience Strategy), MGM

Global Management (Global Affairs), MGM
Global Management (Global Business), MGM
Global Management (Global Development and Innovation), MGM
Global Management (Global Digital Transformation), MGM
Global Management (Global Entrepreneurship), MGM
Global Management (Global Health Care Delivery), MGM
Global Management (Global Legal Studies), MGM
Global Management (Integrated Health Care), MGM
Global Management (Nonprofit Leadership and Management), MGM
Global Management (Public Administration), MGM
Global Management (Public Policy), MGM
Global Management (Sustainability Solutions), MGM
Global Management (Sustainable Tourism), MGM
Global Management, MGM
Microbiology, MS
Molecular and Cellular Biology, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LABSCABS~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

The broad education and critical thinking skills students receive in this concentration are applicable to a variety of rewarding careers. Premedical, preveterinary and pre dental students get the background and courses needed for professional school application and beyond. Many students go on to graduate school for academic, teaching or research careers in areas such as:

- endocrinology
- environmental or behavioral physiology
- human physiology
- metabolism
- neurobiology
- social behavior

With a Bachelor of Science degree in this concentration, graduates have opportunities for technical positions in hospitals, research institutes and industry (food, dairy, chemical, pharmaceutical and biotechnology) as well as in government laboratories and agencies. The most important skills students learn in the concentration are critical-thinking and problem-solving skills that can be applied to many scientific problems and professions as well as to the challenges of daily life.

Contact Information:

Liberal Arts & Sciences, The College of
School of Life Sciences
<https://sols.asu.edu/>

LSA 189
sols.advising@asu.edu
480-727-6277

Biophysics, BS (LABIPHBS)

Campus: Tempe

Program Description:

Biophysics uses the methods and theories of physics to study biological systems. The BS in biophysics is a transdisciplinary program providing students with a working understanding of the important principles of physics, chemistry and biology that govern all scales of biological organization from the molecular processes of life to organisms and ecosystems.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 270 - Calculus w/Analytic Geometry I

Program Math Intensity: Substantial

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

Current ASU students wishing to change their major to physics should have a minimum cumulative GPA of 2.50 (scale is 4.00= "A") for all critical classes they have completed.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LABIPHBS-null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

The broad range of applicability of the principles of biophysics gives great flexibility in a choice of career or further education including, but not limited to:

- chemical industries
- engineering
- government
- health care
- physics research
- teaching

Contact Information:

Liberal Arts & Sciences, The College of
Department of Physics
<https://physics.asu.edu/degree/biophysics>
PSF 470
physics.undergrad@asu.edu
480-965-3561

Chemistry, BA (LACHMBA)

Campus: Tempe, Online

Program Description:

Students in the BA program in chemistry take a wide range of courses that prepare them to take on important problems using atomic and molecular level thinking in areas as diverse as energy and sustainability, new materials, medicine and health, nanoscience, environmental science, forensics, cosmetics and food chemistry, patent law, sales and marketing.

The Bachelor of Arts program in chemistry is a flexible option for students interested in a liberal arts degree with a strong grounding in physical science. It is ideal for students seeking to complete two degrees. Students pursuing a bachelor's degree in chemistry have opportunities to explore a wide range of interests from laboratory science to working in the public sector in regulation or law.

Students wishing to pursue a scientific graduate degree should consider the BS in chemistry.

Additional Program Fee: Y

Second Language Requirement: Yes

First Required Math Course: MAT 270 - Calculus w/Analytic Geometry I

Program Math Intensity: Substantial

Concurrent Degrees:

This degree is also offered as concurrent degree program with Secondary Education, BAE

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LACHMBA-null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

A degree in chemistry provides the background for careers in chemical and electronics industries, in national research labs and forensic labs. Chemistry can be combined with law for patent work, with economics for sales and marketing careers, and with computer science for careers in information technology. Students with a strong liberal arts background are also prepared for careers in scientific sales, marketing, human development and training. Students often take chemistry degree programs to be competitive applicants to medical, dental or pharmacy schools.

Career examples include but are not limited to those shown in the following list. Advanced degrees or certifications may be required for academic or clinical positions.

Contact Information:

Liberal Arts & Sciences, The College of

School of Molecular Sciences

<https://sms.asu.edu>

PSD 104

SMSadvising@asu.edu

Chemistry, BS (LACHMBS)

Campus: Tempe

Program Description:

In the BS program in chemistry, students take courses that give them the knowledge and skills to solve problems at the molecular level in areas as diverse as energy and sustainability, new materials for technology, medicine and health, nanoscience, environmental science, forensics, cosmetics and food chemistry. Chemists do research in laboratories; they study the environment; they work in manufacturing, sales and marketing; they work in the public sector deciding policy and regulation; and they teach.

The Bachelor of Science degree in chemistry prepares students for advanced study of chemistry and material science in competitive graduate degree programs.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 270 - Calculus w/Analytic Geometry I

Program Math Intensity: Substantial

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Biochemistry (Medicinal Chemistry), MS

Materials Science and Engineering, MS

Nanoscience, PSM

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LACHMBS-null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

A degree in chemistry provides the background for careers in chemical and electronics industries, in national research labs and forensic labs. Chemistry can be combined with law for patent work, with economics for sales and marketing careers, and with computer science for careers in information technology. Students often take BS chemistry degree programs to be competitive applicants to medical, dental or pharmacy schools.

Career examples include but are not limited to those shown in the following list. Advanced degrees or certifications may be required for academic or clinical positions.

Contact Information:

Liberal Arts & Sciences, The College of
School of Molecular Sciences

<https://sms.asu.edu>
PSD 104
SMSadvising@asu.edu
480-965-7667

Chemistry (Environmental Chemistry), BS (LACHMEBS)

Campus: Tempe

Program Description:

The BS in chemistry with an environmental chemistry concentration is an interdisciplinary degree program that combines chemistry with environmental sciences courses in geology, mathematics and physics. Students learn to understand the world around them from a molecular perspective, and to tackle problems in pollution control and climate change. Students are also prepared for careers in environmental science, control, policy and regulation.

This program prepares students to become scientists and leaders in solving environmental problems and serves as excellent preparation for advanced level study of chemical and environmental sciences in graduate school.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 270 - Calculus w/Analytic Geometry I

Program Math Intensity: Substantial

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LACHMEBS-null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

A solid undergraduate program of education in chemistry provides the necessary background for many career paths in chemical industries, government and other areas. Chemistry can be combined with law for patent work, economics for sales and marketing careers and computer science for careers in information storage and retrieval. Students planning careers in medicine, dentistry or veterinary medicine often pursue a course of study in chemistry with supporting work in biology as the route for preprofessional training. Students planning to work in areas related to the environment will find the environmental chemistry concentration especially appropriate.

Career examples include but are not limited to those shown in the following list. Advanced degrees or certifications may be required for academic or clinical positions.

Contact Information:

Liberal Arts & Sciences, The College of
School of Molecular Sciences
<https://sms.asu.edu>
PSD 104
SMSadvising@asu.edu
480-965-7667

Civic and Economic Thought and Leadership, BA (LACELBA)

Campus: Tempe

Program Description:

The BA program in civic and economic thought and leadership incorporates the study of political philosophy, economic thought, history and American politics. Faculty engage students through the socratic method, which challenges students to analyze the complex topics impacting lives today.

The curriculum, combined with outside-the-classroom leadership experiences, prepare students with the broad, academic foundation they will use throughout their careers. Students have the opportunity to intern on Capitol Hill or in congressional offices in their district, with nonprofits around the country, or in an opportunity of their academic interest. They engage with world-renowned scholars and experts who visit ASU for large lectures and small seminars through the school's public programs and civic outreach initiatives, and they are able to apply for one of the school's Global Intensive Experiences, which study service and leadership in places such as Israel and the West Bank, India and South Africa.

Additional Program Fee: Y

Second Language Requirement: Y

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LACELBA~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

This program inspires and prepares students to lead and serve in civil society, public affairs or government. Students refine their ability to read closely, think analytically, write carefully and speak effectively. Internships provide the professional experience that employers look for on a resume.

Some career paths students might pursue include business, education, foreign service, journalism, law, political advising, national security affairs and public office.

Contact Information:

Liberal Arts & Sciences, The College of
School of Civic & Economic Thought and Leadership
<https://scetl.asu.edu>
SS 107
scetl@asu.edu
480-965-0155

Civic and Economic Thought and Leadership, BS (LACETLBS)

Campus: Tempe

Program Description:

The BS in civic and economic thought and leadership incorporates the study of political philosophy, economic thought, history and American politics. Faculty engage students through the Socratic method, which challenges students to analyze the complex topics impacting our lives today.

The curriculum, combined with outside-the-classroom leadership experiences, prepare students with the broad, academic foundation they will use throughout their careers. Students have the opportunity to intern on Capitol Hill or congressional offices in their district, with nonprofits around the country or in an opportunity of their academic interest. They engage with world-renowned scholars and experts who visit ASU for large lectures and intimate seminars through the school's public programs and civic outreach initiatives, and they are able to apply for one of the school's Global Intensive Experiences, which study service and leadership in places such as Israel and the West Bank, India, and South Africa.

Additional Program Fee: Y**Second Language Requirement:** N**First Required Math Course:** MAT 142 - College Mathematics**Program Math Intensity:** General**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)International (<https://students.asu.edu/international/future>)Readmission (<https://students.asu.edu/readmission>)**Change of Major Requirements:**

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LACETLBS~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

This program inspires and prepares students to lead and serve in civil society, public affairs or government. Students refine their ability to read closely, think analytically, write carefully and speak effectively. Internships provide the practical professional experience that employers desire. Some career paths students might pursue include business, education, foreign service, journalism, law, political advising, national security affairs and public office.

Contact Information:

Liberal Arts & Sciences, The College of
School of Civic & Economic Thought and Leadership
<https://scetl.asu.edu/>
SS 109
scetl@asu.edu
480-965-0155

Communication, BA (LACOMBA)

Campus: Tempe**Program Description:**

The BA program in communication at ASU's Tempe campus focuses on how message processes create, maintain and transform identities, relationships, workplaces and communities. This program provides a culturally based liberal arts focus with a second language requirement. Such courses and activities allow students to explore many fascinating questions, such as how messages can optimally advocate for a cause, sports team or organization; how people can communicate creatively in a variety of settings and styles; how valid messages differ from invalid messages; how and why cultural differences make communication difficult; and why some topics are difficult to discuss and consistently lead to conflict.

Through rigorous coursework and rewarding applied experiences, students gain effective communication skills that are highly sought by employers. Students learn to write and speak effectively and are able to convey complex ideas simply. They are prepared for employment in communication-intensive fields or for graduate study.

Additional Program Fee: Y

Second Language Requirement: Yes

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Students who have attended ASU in the past and are returning to the university with transfer credit must have a minimum 2.00 ASU cumulative GPA in order to be admitted into the Hugh Downs School of Human Communication.

Transfer Admission Requirements:

Students who are transferring into ASU must meet current university admission requirements.

Change of Major Requirements:

Current ASU students who would like to change their major to Communication must have a minimum cumulative GPA of 2.00 (scale is 4.00 = "A").

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LACOMBA-null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates of this program often attend leading graduate schools in communication, law or business or find gainful employment in careers in the areas of:

- campaign management
- counseling
- entrepreneurship
- event planning
- health care management
- human resource management
- intercultural relations
- marketing
- nonprofit management
- public relations
- sales

Contact Information:

Liberal Arts & Sciences, The College of
Hugh Downs School of Human Communication
<https://humancommunication.asu.edu/>
STAUF 412
communication@asu.edu
480-965-5095

Communication, BS (LACOMBS)

Campus: Tempe, Online

Program Description:

The BS program in communication at ASU's Tempe campus focuses on how message processes create, maintain and transform identities, relationships, workplaces and communities. This degree program provides a liberal arts grounding and a social science focus. Such courses and activities allow students to explore many fascinating questions, such as:

- In what ways can messages convince people to eliminate negative health behaviors?
- When, how and why do cultural differences make it difficult to communicate?
- Why are some topics difficult to discuss and consistently lead to conflict?
- Why do people differ in how committed they are to their work?
- Why do some relationships flourish while others fade away?

Through rigorous coursework and rewarding applied experiences, students gain effective communication skills that are highly sought by employers. Students learn to write and speak effectively and to convey complex ideas simply, preparing them for employment in a variety of career fields or for graduate study.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to choose either a 2.5- or a 3-year path while participating in the same high-quality educational experience of a 4-year option. Students can opt to fast-track their studies after acceptance into a participating program by connecting with their academic advisor. Fast track options appear at the top of the major map.

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Global Management, MGM

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Students who have attended ASU in the past and are returning to the university with transfer credit must have a minimum 2.00 ASU cumulative GPA in order to be admitted into the Hugh Downs School of Human Communication.

Transfer Admission Requirements:

Students who are transferring into ASU must meet current university admission requirements.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-communication/>)

Change of Major Requirements:

Current ASU students who would like to change their major to communication must have a minimum cumulative GPA of 2.00 (scale is 4.00 = "A").

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LACOMBS-null + &college=CLA>) to outline a list of

recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates of the program often attend leading graduate schools in communication, law or business schools, or find gainful employment in careers in the areas of:

- campaign management
- counseling
- entrepreneurship
- event planning
- health care management
- human resource management
- intercultural relations
- marketing
- nonprofit management
- public relations
- sales

Contact Information:

Liberal Arts & Sciences, The College of
Hugh Downs School of Human Communication
<https://humancommunication.asu.edu/>
STAUF 412
communication@asu.edu
480-965-5095

Computational Mathematical Sciences, BS (LACMSBS)

Campus: Tempe

Program Description:

This BS program in computational mathematical sciences is a fusion of mathematics, science and computing. Students in this program learn how to translate science and engineering problems into mathematical problems and solve them using computing algorithms. They develop strong problem-solving, analytical and programming skills as they work across diverse areas of science and mathematics.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 270 - Calculus w/Analytic Geometry I

Program Math Intensity: Substantial

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Mathematics, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LACMSBS-null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

In a recent study, mathematics, computer science, applied mathematics and statistics all ranked among the top 15 most valuable college majors in terms of salary and career prospects. The computational mathematical sciences program brings all these disciplines together.

A bachelor's degree in computational mathematical sciences is one of the most versatile math degrees, offering students many career options. The degree positions students for careers in computer technology, business, medical research, teaching and education, engineering, and more. Some students pursue graduate opportunities in areas such as biophysics, economics, medicine, statistics and law. Diverse areas of study such as cancer modeling, weather forecasting and financial modeling all involve computational mathematical sciences.

Contact Information:

Liberal Arts & Sciences, The College of
School of Mathematical and Statistical Sciences
<https://math.asu.edu/>
WXLR A211
math@asu.edu
480-965-7195

Data Science, BS (LADATSCIBS)

Campus: Tempe

Program Description:

Modern science and technology use sophisticated mathematical and computational tools to extract patterns from large, complex and often unordered data sets. Machine learning and data mining are invaluable technologies with applications as diverse as detecting fraudulent online credit-card transactions, understanding the dynamics of social movements, and personalizing medical treatments based on a tumor's unique genetic profile.

The BS degree program in data science prepares students to be critical analysts and users of data in a variety of areas such as business, research and government. This transdisciplinary program allows students to choose a focus area from a variety of fields to center their understanding of data science. With a mathematical core consisting of linear algebra, statistical inference and classification, data mining, machine learning and associated computer methods, students leave the program with a strong background in data-related skills that are useful in solving real world issues.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 270 - Calculus w/Analytic Geometry I or MAT 265 Calculus for Engineers I

Program Math Intensity: Substantial

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LADATSCIBS-null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Glassdoor.com ranks data scientist as third in the top 50 Best Jobs in America. It reports that the average annual salary for data scientists is \$107,801 in 2020. Students in this program end up working in a variety of fields such as governmental research, education, health services and business. In the data science program, students learn skills related to data analysis, data prediction models and ethical uses of research data. The McKinsey Global Institute projects a shortage of qualified workers with deep analytical skills. This degree helps students prepare to meet the expressed needs of society.

Contact Information:

Liberal Arts & Sciences, The College of
School of Mathematical and Statistical Sciences
<https://math.asu.edu/>
WXLR 211
math@asu.edu
480-965-7195

Earth and Environmental Studies, BA (LAEESBA)

Campus: Tempe

Program Description:

The BA program in earth and environmental studies provides a foundational understanding of the evolution of the earth system with an emphasis on the planetary context for sustainable human societies.

The degree program includes broad training in the physical sciences, especially process-oriented geosciences that focus on Earth's life-sustaining surface environment. Advanced courses focus on topics including:

- climate change
- earth's water, energy and material resources
- impact of land-use change on human civilization
- physical, chemical and biological process interactions that define Earth's evolution

This is designed as a liberal arts program with an emphasis on basic scientific literacy, not as a preparatory degree program for graduate study in the natural sciences. However, successful earth and environmental studies graduates are well prepared for green energy career opportunities such as:

- education
- environmental reporting
- natural resource management
- public planning
- sustainability

Students currently enrolled in the Bachelor of Arts in earth and environmental studies may not pursue a concurrent degree with the BS in earth and space exploration, the BS in earth and space exploration (astrophysics), the BS in earth and space exploration (astrobiology and biogeosciences), the BS in earth and space exploration (exploration systems design), or the BS in earth and space exploration (geological sciences) due to the high level of overlap in curriculum. Students should speak with their academic advisor for any further questions.

Additional Program Fee: Y

Second Language Requirement: Yes

First Required Math Course: MAT 170 - Precalculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAESBA~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

With a breadth of knowledge and experience and the acquired skills to integrate various domains of knowledge, graduates of the earth and environmental studies program are prepared for a variety of careers that help find solutions to tomorrow's environmental and sustainability challenges. Chief among these are careers in the following settings:

- consultancy
- education
- governmental agencies
- industry
- museums
- nongovernmental organizations
- nonprofit organizations
- publishing
- regulatory agencies
- utilities

Recent environmental awareness in business and government has also resulted in new employment opportunities (e.g., environmental coordinators, directors and managers). Graduates are also well prepared for admission to strong professional schools in fields outside the natural sciences.

Contact Information:

Liberal Arts & Sciences, The College of
School of Earth and Space Exploration

<https://sese.asu.edu>

ISTB4 795

sese-advising@asu.edu

480-965-5081

Earth and Space Exploration, BS (LASESBS)

Campus: Tempe

Program Description:

The BS program in earth and space exploration offers students an integrated education across earth sciences, planetary sciences, astrophysics and engineering. The degree program incorporates a learning community that includes science and engineering students, a yearlong collaborative capstone senior exploration project and strong quantitative preparation.

This strong foundation in geosciences, astrophysics and exploration engineering prepares students for key roles in earth resources and exploration, environmental and geologic engineering, space research and industry, and water and environmental use policy.

Students currently enrolled in the Bachelor of Science in earth and space exploration may not pursue a concurrent degree with the BA in earth and environmental studies, the BS in earth and space exploration (astrophysics), the BS in earth and space exploration (astrobiology and biogeosciences), the BS in earth and space exploration (exploration systems design), or the BS in earth and space exploration (geological sciences) due to the high level of overlap in curriculum. Students should speak with their academic advisor for any further questions.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 265 - Calculus for Engineers I or MAT 270 Calculus with Analytic Geometry I

Program Math Intensity: Substantial

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements: A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LASESBS~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

The earth and space exploration major addresses critical future shortfalls in the national and regional training of the next generation of geoscientists and aerospace engineers.

Arizona has an expanding space industry with major new investments and is prepared to engage new technologies to monitor and understand environmental issues in Arizona, the Southwest and throughout the world.

Graduates with a BS in earth and space exploration have the tools, knowledge and understanding to address key problems of a global nature, whether they are working in the private or public sector.

Contact Information:

Liberal Arts & Sciences, The College of

School of Earth and Space Exploration

<https://sese.asu.edu>

ISTB4 795

sese-advising@asu.edu

480-965-5081

Earth and Space Exploration (Astrobiology and Biogeosciences), BS (LASESABBS)

Campus: Tempe

Program Description:

Astrobiology studies the origins, evolution, distribution and future of life in the universe. Biogeoscience focuses on the interaction of biological, geological and chemical processes on Earth in the present, past and future. These topics are closely related because the concepts of biogeoscience inform the study of planetary habitability and the search for habitable worlds.

Therefore, the astrobiology and biogeoscience concentration in the BS program in earth and space exploration is designed to offer students a strong foundation for exploring the interaction of geological and biological processes and understanding how such interactions sustain life on Earth and how they might operate on other planets. Those with this necessary scientific background contribute to the search for life on other planets, explore the life of extreme environments here on Earth and better understand how life on Earth responds to past, current and future global changes.

Students currently enrolled in the Bachelor of Science in earth and space exploration (astrobiology and biogeosciences) may not pursue a concurrent degree with the BS in earth and space exploration, the BS in earth and space exploration (astrophysics), the BA in earth and environmental studies, the BS in earth and space exploration (exploration systems design), or the BS in earth and space exploration (geological sciences) due to the high level of overlap in curriculum. Students should speak with their academic advisor for any further questions.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 265 - Calculus for Engineers I or MAT 270 Calculus with Analytic Geometry I

Program Math Intensity: Substantial

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LASESABBS~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates of the astrobiology and biogeosciences program are well prepared for graduate studies in these fields. Because astrobiology is increasingly the motivation for space science exploration missions, they are also well suited for entry-level careers in space science research. The degree program also provides broad training across a range of sciences, giving students a strong background for careers in biomedical, environmental or sustainability areas.

Contact Information:

Liberal Arts & Sciences, The College of

School of Earth and Space Exploration

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sese-advising@asu.edu

480-965-5081

Earth and Space Exploration (Astrophysics), BS (LASESABS)

Campus: Tempe

Program Description:

The BS in earth and space exploration with a concentration in astrophysics is designed to offer students a fundamental grounding in astronomy and astrophysics, with exposure to the related fields of geology, planetary science and engineering. Students emerge from this program with the required skills for a career in astrophysics, physics or related fields.

The rigorous and quantitative coursework includes a combination of physics courses taught in the ASU School of Earth and Space Exploration and the Department of Physics. The tools of astronomical discovery are increasingly dependent on technological advances, and students are exposed to engineering principles and computer programming. Through the capstone project in the senior year, students gain valuable experience in translating science drivers into engineering solutions.

Students currently enrolled in the Bachelor of Science in earth and space exploration (astrophysics) may not pursue a concurrent degree with the BA in earth and environmental studies, the BS in earth and space exploration, the BS in earth and space exploration (astrobiology and biogeosciences), the BS in earth and space exploration (exploration systems design), or the BS in earth and space exploration (geological sciences) due to the high level of overlap in curriculum. Students should speak with their academic advisor for any further questions.

Additional Program Fee: Y

Second Language Requirement: N**First Required Math Course:** MAT 270 - Calculus w/Analytic Geometry I or MAT 265 Calculus for Engineers I**Program Math Intensity:** Substantial**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)International (<https://students.asu.edu/international/future>)Readmission (<https://students.asu.edu/readmission>)**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.**Transfer Options:**ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LASESABS~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.**Career Opportunities:**

Career opportunities include but are not limited to:

- aerospace engineer
- astrobiologist
- astronomer
- computer programmer
- data analyst
- instrumentation specialist
- planetary scientist
- science policy intern
- science writer
- teacher
- telescope operator

Career settings include:

- federal government
- K-12 schools
- manufacturing
- museums
- NASA facilities
- national laboratories
- NSF facilities
- observatories
- planetariums
- publishing
- space industries
- universities and colleges

Some of the listed careers may require advanced degrees or additional certifications. This program also provides suitable preparation for graduate study.

Contact Information:

Liberal Arts & Sciences, The College of

School of Earth and Space Exploration

<https://sese.asu.edu>

ISTB4 795

Earth and Space Exploration (Exploration Systems Design), BS (LASESESDBS)

Campus: Tempe

Program Description:

The BS program in earth and space exploration with a concentration in exploration systems design offers students a fundamental curriculum in geology, physics and astrophysics while providing tools that enable them to design and build hardware and software to explore Earth and the universe beyond.

The program has a rigorous and quantitative grounding in the fundamentals of physics, mathematics and chemistry. Upon that foundation, students learn how to design hardware and software for scientific exploration. Coursework focuses on conceiving the requirements needed for a mission or project destined for space or extreme environments on Earth.

Each student in this degree has the opportunity to learn how projects and missions are designed and planned, starting with the scientific drivers and then defining engineering specifications. All students are expected to complete a senior project that takes a desired scientific measurement and realizes the technological solution to achieve the observation.

Students currently enrolled in the Bachelor of Science in earth and space exploration (exploration systems design) may not pursue a concurrent degree with the BS in earth and space exploration, the BS in earth and space exploration (astrophysics), the BA in earth and environmental studies, the BS in earth and space exploration (astrobiology and biogosciences), or the BS in earth and space exploration (geological sciences) due to the high level of overlap in curriculum. Students should speak with their academic advisor for any further questions.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 265 - Calculus for Engineers I or MAT 270 Calculus with Analytic Geometry I

Program Math Intensity: Substantial

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements: A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LASESESDBS~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Career opportunities include:

- astronomer
- geoscientist
- planetary scientist
- science policy intern
- science writer
- scientific instrumentation specialist
- space systems engineer
- systems engineer

Sample career settings include:

- aerospace industry
- federal government
- manufacturing
- NASA centers
- national laboratories
- observatories
- publishers
- space industries
- universities and colleges

Some of the listed careers may require advanced degrees or additional certifications. This program also provides suitable preparation for graduate study.

Contact Information:

Liberal Arts & Sciences, The College of
 School of Earth and Space Exploration
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 480-965-5081

Earth and Space Exploration (Geological Sciences), BS (LASESGSBS)

Campus: Tempe

Program Description:

Geological science is the study of Earth and other planets with an emphasis on the processes that have shaped them since the origin of the solar system. Students explore topics such as the co-evolution of life, oceans, atmosphere and the Earth's climate system, and the record of that evolution encoded in rocks, soil, ice and isotopes.

The BS program in earth and space exploration with a concentration in geological sciences educates students in the fundamentals of geological sciences, providing a solid background in chemistry, mathematics and physics as well as mineralogy, structural geology, field geology and a variety of geologic subdisciplines.

Students gain a strong understanding of field methods as well as modern computing, remote sensing and instrumentation to effectively study the natural environment and Earth's resources. Graduates of the program can apply their knowledge for the benefit of Arizona, the nation and society in general.

Students currently enrolled in the Bachelor of Science in earth and space exploration (geological sciences) may not pursue a concurrent degree with the BS in earth and space exploration, the BS in earth and space exploration (astrophysics), the BA in earth and environmental studies, the BS in earth and space exploration (astrobiology and biogosciences) or the BS in earth and space exploration (exploration systems design) due to the high level of overlap in curriculum. Students should speak with their academic advisor for any further questions.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 265 - Calculus for Engineers I or MAT 270 Calculus with Analytic Geometry I

Program Math Intensity: Substantial

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LASESGSBS~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Sample careers include:

- environmental geologist
- geological engineer
- geologist
- mining geologist
- petroleum geologist
- science policy intern
- science writer

Sample career settings include:

- environmental industry
- geotechnical industry
- mining and petroleum industries
- museums
- publishers

Some of the listed careers may require advanced degrees or additional certifications. This program also provides suitable preparation for graduate study.

Contact Information:

Liberal Arts & Sciences, The College of
School of Earth and Space Exploration

<https://sese.asu.edu>

ISTB4 795

sese-advising@asu.edu

480-965-5081

Economics, BS (LAECNBS)

Campus: Tempe, Online

Program Description:

The mission of the Department of Economics at ASU is to provide the highest quality instruction to students, conduct cutting-edge research in economics, and provide leadership and service to our professional communities. The department's undergraduate program aims to provide students with the critical thinking and communication skills needed to succeed in business, government or graduate school.

The BS program in economics is built on a strong core of economic theory, supplemented by mathematics and data analysis. All students are encouraged to develop programs of study tailored to their individual needs and interests. Students choose from a variety of courses within the department as well as from The College of Liberal Arts and Sciences and the university to broaden their knowledge and skills and individualize their learning experience.

Students currently enrolled in the Bachelor of Science in Economics offered by The College of Liberal Arts and Sciences may not pursue a concurrent degree with the Bachelor of Science in economics with a concentration in politics and the economy, offered by The College of Liberal Arts and Sciences, or the Bachelor of Science in economics, offered by the W. P. Carey School of Business, due to the high level of overlap in curriculum. Students should speak with their academic advisor for any further questions.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus or MAT 270 Calculus w/Analytic Geometry I

Program Math Intensity: Moderate

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Global Management, MGM

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/economics-bs-college-liberal-arts-and-sciences/>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAECNBS~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates have been very successful in business, consulting and government. Others have gone on to the best law schools in the country and top doctoral and MBA programs in the United States and abroad. Many graduates have won prestigious national awards, such as the Marshall Award, National Science Foundation fellowships, Fulbright fellowships and the Truman Award.

Contact Information:

Liberal Arts & Sciences, The College of

Economics Program in CLAS

<https://wpcarey.asu.edu/economics-degrees/undergraduate>

CPCOM 412

wpcareyecn@asu.edu

480-965-3531

Economics (Politics and the Economy), BS (LAECNPECBS)

Campus: Tempe

Program Description:

The concentration in politics and the economy serves undergraduate students in the BS program in economics who wish to pursue careers in business, economic and political consulting, political science, law and government.

In addition to coursework drawn from economics, the concentration also requires coursework that highlights the impact of government policies on the economy and the conditions under which government interventions may be warranted. Students take political science courses that provide a deep understanding of political processes and institutions as well as methodologies for understanding that behavior.

Students currently enrolled in the Bachelor of Science in economics with a concentration in politics and the economy may not pursue a concurrent degree with the BS in economics from The College of Liberal Arts and Sciences nor a BS in economics from the W. P. Carey School of Business due to the high level of overlap in curriculum. Students should speak with their academic advisor for any further questions.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus or MAT 270 Calculus with Analytic Geometry I

Program Math Intensity: Moderate

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Global Management, MGM

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAECNPECBS~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates are well prepared for successful careers in business, economic and political consulting, law and government, whether they seek employment immediately upon graduation or they choose to pursue advanced degrees in law, business, economics or political science.

Contact Information:

Liberal Arts & Sciences, The College of

Economics Program in CLAS

<https://wpcarey.asu.edu/economics-degrees/undergraduate>

CPCOM 412

wpcareyecn@asu.edu

480-965-3531

English, BA (LAENGBA)

Campus: Online

Program Description:

The BA in English is offered completely online. This broad undergraduate program prepares students for an ever-expanding variety of careers or for continuing their studies in graduate and professional programs. Students supplement a core focused on critical reading and writing with courses chosen from literature, linguistics, creative and nonfiction writing to develop a customized program of study.

Additional Program Fee: Y

Second Language Requirement: Yes

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to choose either a 2.5- or a 3-year path while participating in the same high-quality educational experience of a 4-year

option. Students can opt to fast-track their studies after acceptance into a participating program by connecting with their academic advisor. Fast track options appear at the top of the major map.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-english/>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAENGBA-null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Degree programs in English and film and media studies prepare students for a variety of careers in diverse fields. Employers seek workers with strong writing and communication skills and the ability to think critically. Some of the most common professions for English majors are in these fields:

- business
- editing
- journalism
- law
- medicine
- nonprofit organizations
- professional and technical writing
- public relations
- publishing
- teaching
- web content development

Contact Information:

Liberal Arts & Sciences, The College of

Department of English

<https://english.asu.edu/>

RBHL 170

englishadvising@asu.edu

480-965-3168

English (Creative Writing), BA (LAENGCBA)

Campus: Tempe

Program Description:

Students in the creative writing concentration of the BA program in English study and practice the art of writing poetry and fiction. The distinguished faculty in the Department of English are actively engaged in creative writing and scholarly research.

Students gain practical experience through research and internships that prepare them for an ever-expanding variety of careers. The undergraduate programs also prepare students to continue their studies in graduate and professional programs.

Additional Program Fee: Y

Second Language Requirement: Yes

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

English, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAENGCBA-null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Employers in all fields are always looking for individuals with strong writing and communication skills and the ability to think critically, skills that a bachelor's degree in English with a concentration in creative writing provides. Some of the most common professions for English majors are in these fields:

- business
- editing
- journalism
- law
- medicine
- nonprofit community service
- professional writing
- public relations
- publishing
- teaching
- web content development

Contact Information:

Liberal Arts & Sciences, The College of

Department of English

<https://english.asu.edu/>

RBHL 170

englishadvising@asu.edu

480-965-3168

Campus: Tempe

Program Description:

Students in the linguistics concentration of the BA program in English focus on study of the history and structure of language. Students have the opportunity to study with distinguished faculty actively engaged in scholarly research and gain practical experience through internships that prepare them for an ever-expanding variety of careers. The program also prepares students to continue their studies in graduate and professional programs.

Additional Program Fee: Y

Second Language Requirement: Yes

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Linguistics and Applied Linguistics, MA

Teaching English to Speakers of Other Languages, MTESOL

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAENGNBA-null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

With a degree in English, students' career options are virtually endless. Employers in all fields are always looking for workers with strong writing and other communication skills and the ability to think critically. Some of the most common professions for English majors are in these fields:

- business
- journalism
- law
- medicine
- nonprofit community service
- professional writing and editing
- public relations
- publishing
- teaching
- web content development

Contact Information:

Liberal Arts & Sciences, The College of
Department of English
<https://english.asu.edu/>

RBHL 170
englishadvising@asu.edu
480-965-3168

English (Literature), BA (LAENGTBA)

Campus: Tempe

Program Description:

Students in the literature concentration study texts and cultures from the earliest writings in English to contemporary expressions on paper, online and out in the world. They learn to read critically and analyze representations, and to understand how stories work to define human cultures.

The distinguished faculty in the Department of English are actively engaged in academic writing and scholarly research. Students gain practical experience through research and internships that prepare them for an ever-expanding variety of careers. The undergraduate programs also prepare students to continue their studies in graduate and professional programs.

Additional Program Fee: Y

Second Language Requirement: Yes

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

English, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAENGTBA~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

With a degree in English, graduates' career options are virtually endless. Employers in all fields are always looking for workers with strong writing and other communication skills and the ability to think critically. Some of the most common professions for English majors are in these fields:

- business
- journalism
- law
- medicine
- nonprofit community service
- professional writing and editing
- public relations
- publishing
- teaching

- web content development

Contact Information:

Liberal Arts & Sciences, The College of
Department of English
<https://english.asu.edu/>
RBHL 170
englishadvising@asu.edu
480-965-3168

English (Secondary Education), BA (LAENGSEBA)

Campus: Tempe

Program Description:

The BA in English with a concentration in secondary education focuses on rigorous content in literature, composition, linguistics and secondary teaching pedagogy. This program provides extensive preparation for meeting the needs of all student populations, including attention to levels of academic performance and cultural and linguistic diversity.

Students finish the program with Arizona Department of Education certification for middle and high school English language arts. Both a fingerprint clearance and a background check are required in the second year of the program.

Additional Program Fee: Y

Second Language Requirement: Yes

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

English Education, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAENGSEBA~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Students graduating with a bachelor's degree in English with a concentration in secondary education have tremendous opportunities for employment. With more than one million students in a state ranked seventh in the nation in population growth, the need for certified teachers in Arizona is self-evident. Arizona State University provides more of those teachers than any other institution of higher education. In the last 15 years, ASU graduates have had their pick of teaching jobs around the valley and around the state. After student teaching in school districts in the greater Phoenix area or in one of the 22 Native American nations in the state, students are often hired to teach in the same school in which they completed

their internship. New teachers continue to be in demand because the predicted rate of population growth in Arizona is still strong and the retirement rate of teachers is increasing.

Contact Information:

Liberal Arts & Sciences, The College of
Department of English
<https://english.asu.edu/>
RBHL 170
englishadvising@asu.edu
480-965-3168

English (Writing, Rhetorics and Literacies), BA (LAENGWBA)

Campus: Tempe

Program Description:

The BA in English with a concentration in writing, rhetorics and literacies teaches students strategies for inquiry. Students explore the ways in which communication has, does and will create knowledge and action. Students study how communication is constructed, circulated, reacted to and repurposed through time and place. Through differing tools of inquiry, students investigate the history, theories and methods of inquiry as well as pragmatic and social actions of rhetoric, writing and literacies.

Additional Program Fee: Y

Second Language Requirement: Yes

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

English, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAENGWBA~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Career opportunities are vast for this concentration: in business, private companies, government, nonprofit organizations and anywhere where critical inquiry, innovative thinking, communication, decision-making, future studies and collaboration are valued and needed. This program also prepares students for further education in teaching, law and other professional programs.

Contact Information:

Liberal Arts & Sciences, The College of
Department of English
<https://english.asu.edu/>
RBHL 170
englishadvising@asu.edu
480-965-3168

Family and Human Development, BS (LAFASBS)

Campus: Tempe, Online

Program Description:

The BS degree program in family and human development focuses on the well-being of children, youth and families.

This program offers courses on the development of the individual and family throughout the lifespan. Students majoring in family and human development examine contemporary issues in society and how they impact families. Students also develop proficiency in written communication, computer skills, statistical analysis and research methodology.

Students currently enrolled in the Bachelor of Science in family and human development may not pursue a concurrent degree with the BS in sociology due to the high level of overlap in curriculum. Students should speak with their academic advisor for any further questions.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-family-and-human-development/>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAFASBS~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

As a liberal arts degree, the bachelor's degree in family and human development provides excellent preparation for future graduate work in:

- counseling
- health-related professions
- law
- social work

The program also prepares undergraduates for direct entry into positions in:

- business

- government
- social service

Contact Information:

Liberal Arts & Sciences, The College of
Sanford School of Social and Family Dynamics
<https://thesanfordschool.asu.edu>
SS 144
advisor@asu.edu
480-965-6978

Film (Film and Media Studies), BA (LAFMSBA)

Campus: Tempe, Online

Program Description:

The BA in film with a concentration in film and media studies is an innovative program in the study of film, television and digital media.

The program provides students with the analytical, creative and communication skills to interpret and produce media texts, empowering them to be critical scholars, consumers and practitioners of media culture.

Graduates are prepared for employment opportunities as executives, screenwriters, producers, reviewers, teachers, marketers, analysts and bloggers.

Additional Program Fee: Y

Second Language Requirement: Yes

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-film-and-media-studies/>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAFMSBA~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

The film and media studies concentration provides undergraduates with skills that can be applied in a number of professional fields, including as leaders within these areas of the media and entertainment industries:

- creative management
- criticism
- development

- marketing
- regulation
- teaching

Some graduates of film and media studies have gone on to pursue graduate studies at prestigious universities while others elect to begin their careers.

Contact Information:

Liberal Arts & Sciences, The College of
 Department of English
<https://english.asu.edu/content/film-film-and-media-studies>
 RBHL 170
englishadvising@asu.edu
 480-965-3168

French, BA (LAFREBA)

Campus: Tempe

Program Description:

The BA program in French offers the opportunity to study the language, literature and culture of France and francophone countries.

Students gain competence in reading, writing, and oral and aural skills in the French language and take a number of related courses on topics such as:

- art
- cinema
- colonization
- government and political science
- history and civilization
- international business
- linguistics
- literature and theater
- popular culture
- religion

Students are encouraged to join the French Club to help them gain proficiency in the language. In addition, the School of International Letters and Cultures offers faculty-directed summer study abroad programs in Lyon, France and Quebec, Canada, and it endorses partnership and exchange programs in francophone Africa, Canada and Europe. More information on study abroad opportunities is available at <https://silc.asu.edu/student-life/study-abroad/faculty-directed-summer-program-pages> (<https://silc.asu.edu/student-life/study-abroad/faculty-directed-summer-program-pages>).

Additional Program Fee: Y

Second Language Requirement: Yes

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Global Management, MGM
- Language Teaching, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transferecreditguide/app/transfermap?major=LAFREBA~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Knowledge of multiple languages and intercultural competencies enhance any occupation and offer graduates many career opportunities.

Career fields using French include:

- advertising, marketing and communications
- airline industry
- cultural advising
- design
- diplomatic and foreign service
- domestic and international banking
- domestic and international business
- domestic and international law
- fashion
- film, television and multimedia
- foreign correspondence and journalism
- health professions
- hospitality industry
- hotel and resort management
- intelligence
- international education and study abroad
- interpreting and translation
- lifestyle management
- military
- ministry
- multilingual administration
- news and media
- nongovernmental organization administration
- public relations
- publishing
- social work
- teaching and research
- technology industries
- travel and tourism

Additional education or certification may be required for some career paths.

Contact Information:

Liberal Arts & Sciences, The College of
School of International Letters and Cultures
<https://silc.asu.edu/degrees/french>
LL 440
silcadvising@asu.edu
480-965-6281

Geographic Information Science, BS (LAGISBS)

Campus: Tempe, Online

Program Description:

Students in the geographic information science BS program begin their study by gaining strong foundational understanding of geographic information systems, statistical analysis and computer programming. Students expand on this foundation through upper-division major coursework that enables the pursuit of deeper and more focused understanding of the application of geographic information science technologies to complex environmental and societal issues.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 170 - Precalculus

Program Math Intensity: Moderate

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Urban and Environmental Planning, MUEP

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/geographic-information-science-bs/>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAGISBS~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates in geographic information science pursue career opportunities in both the private and public sectors. Some of the career opportunities for graduates of the geographic information science BS program include:

- cartographers and photogrammetrists
- geographic information system technicians
- geospatial information scientists and technologists
- location analysts
- mapping technicians
- remote sensing scientists and technologists

Contact Information:

Liberal Arts & Sciences, The College of
School of Geographical Sciences and Urban Planning
<https://sgsup.asu.edu/bsgis>
COOR 5681
SGSUP.advising@asu.edu
480-965-7533

Geography, BA (LAGCUBA)

Campus: Tempe, Online

Program Description:

The BA program in geography teaches students to see the world through the twin lenses of space and place.

Geographers have a unique spatial perspective in understanding the modern world, from global to local. The Bachelor of Arts program in geography emphasizes humanistic and cultural traditions. Students pursuing undergraduate studies in geography typically concentrate knowledge-building in understanding various cultural phenomena or in studying regions such as:

- Africa
- Asia
- Australia and Oceania
- Europe
- Latin America
- North America

Additional Program Fee: Y

Second Language Requirement: Yes

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Geography, MA

Urban and Environmental Planning, MUEP

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-geography/>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAGCUBA-null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Geographers obtain careers in:

- community development
- foreign service

- geodemographic analysis
- governmental organizations
- intelligence analysis
- international trade
- nongovernmental organizations
- public sector transportation planning
- teaching
- urban and regional planning

Contact Information:

Liberal Arts & Sciences, The College of
 School of Geographical Sciences and Urban Planning
<https://sgsup.asu.edu/degree-programs/undergraduate-degrees/geography>
 COOR 5681
 SGSUP.advising@asu.edu
 480-965-7533

Geography, BS (LAGCUBS)

Campus: Tempe, Online

Program Description:

Students in the BS program in geography learn to see the world through the twin lenses of space and place.

Geographers have a unique spatial perspective in understanding the modern world, from global to local. The Bachelor of Science program in geography emphasizes spatial patterns in natural science features such as:

- landforms
- plants
- water
- weather

The degree program also emphasizes social science or environmental science dynamics involving economic patterns, human populations and transportation.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Geography, MA

Urban and Environmental Planning, MUEP

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-geography/>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAGCUBS-null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

With a focus on geospatial techniques, geographers with a bachelor of science degree go on to careers such as:

- computer cartographers
- environmental impact assessment analysts
- geographic information science specialists and analysts
- geomorphologists
- hydrology and water resource specialists
- location analysts for businesses
- photogrammetry specialists
- remote sensing analysts

Graduates are presented with a host of other geospatial career options in the burgeoning fields of geographic information science, mapping and navigation systems.

Contact Information:

Liberal Arts & Sciences, The College of
School of Geographical Sciences and Urban Planning
<https://sgsup.asu.edu/degree-programs/undergraduate-degrees/geography-0>
COOR 5681
SGSUP.advising@asu.edu
480-965-7533

Geography (Meteorology-Climatology), BS (LAGCUMBS)

Campus: Tempe

Program Description:

The meteorology-climatology concentration under the BS in geography is designed to meet the requirements for certification as a meteorologist by the National Weather Service. It covers dynamic as well as synoptic meteorology.

Required courses include atmospheric physics, operational weather forecasting, three semesters of calculus, and two semesters of calculus-based physics.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 270 - Calculus w/Analytic Geometry I

Program Math Intensity: Substantial

Concurrent Degrees:

This degree is also offered as concurrent degree program with Journalism and Mass Communication, BA

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Geography, MA

Urban and Environmental Planning, MUEP

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Concurrent degree admission requirements:

Freshman applicants must meet all of the following standards:

- 3.75 minimum ABOR GPA
- no English competency deficiencies
- 1040 SAT Reasoning or 22 ACT score

Transfer Admission Requirements:

Transfer students must have a minimum cumulative GPA of 3.00 from a transfer institution.

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

ASU students who would like to change their majors to the concurrent program with journalism and mass communication must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in 12 or more credit hours of ASU courses that can be used to satisfy the Cronkite School's nonelective General Studies requirements.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAGCUMBS-null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Students successfully completing the program have found employment with:

- airlines
- energy power companies
- government agencies
- military (meteorology and pilot training)
- National Weather Service

This program also provides suitable preparation for graduate study in either meteorology or climatology.

Contact Information:

Liberal Arts & Sciences, The College of

School of Geographical Sciences and Urban Planning

<https://sgsup.asu.edu/degree-programs/undergraduate-degrees/geography-meteorology-climatology>

COOR 5681

SGSUP.advising@asu.edu

480-965-7533

Geography (Urban Studies), BS (LAGCUUBS)

Campus: Tempe

ASU is no longer accepting new students to this program. Please explore Degree Search for other similar program options.

Program Description:

Geographers' understanding of the modern world stems from their unique spatial perspective. Whether the topic is local or elsewhere in the world, they view it through the twin lenses of space and place.

The urban studies concentration under the BS program in geography applies the tools of geography to the study of urban areas. Students have an opportunity to focus in particular on the Phoenix metropolitan area and other rapidly urbanizing regions in arid climates. Tied with geographic information science, the urban studies major brings together both knowledge and skill sets in a powerful way.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAGCUUBS-null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Students successfully completing the BS program in geography with a concentration in urban studies pursue employment with city planning agencies as well as other government entities at various levels (county, state, federal). The urban studies concentration, especially when combined with a focus on geographic information science, gives graduates an advantage in careers that combine urban planning with GIS and in other jobs dealing with urban issues, including:

- economic development planning
- GIS databases for city governments
- housing issues
- sustainable planning
- transportation

Contact Information:

Liberal Arts & Sciences, The College of
School of Geographical Sciences and Urban Planning
<https://sgsup.asu.edu/>
COOR 5681
SGSUP.advising@asu.edu
480-965-7533

German, BA (LAGERBA)

Campus: Tempe

Program Description:

Students in the BA program in German study the language, literature and culture of German-speaking people and gain competence in reading,

writing, and oral and aural skills in the language. The program offers thought-provoking, engaging classes and experiences led by a core of faculty eager to help students succeed in achieving their goals. German classes provide opportunities for exploring how people in German-speaking Europe:

- understand the world through literature, film, the performing arts and other cultural practices
- engage with the worlds of politics, economics, social justice and humanitarianism
- think deeply about philosophy, the influence of history and the environment
- have become global leaders in the fields of business, engineering and the natural sciences

Students are encouraged to participate in the School of International Letters and Cultures faculty-directed summer abroad program in Regensburg or in a semester or academic-year exchange program available at several German universities.

Additional Program Fee: Y

Second Language Requirement: Yes

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Global Management, MGM
- Language Teaching, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LGERBA~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Knowledge of multiple languages and intercultural competencies enhance any occupation and offer graduates many career opportunities.

Language-intensive careers include:

- foreign correspondent or media professional
- foreign service officer
- health professional
- intelligence officer
- international banking and finance professional
- international businessperson
- language teacher
- law and immigration professional
- multilingual administrative professional
- NGO professional
- professor of language, literature and culture

- social services professional
- translator or interpreter
- travel professional

Career fields in which knowledge of multiple languages and cultures is valued include:

- advertising, marketing and communications
- airline industry
- film, television and multimedia
- hospitality industry
- hotel and resort management
- international education and study abroad administration
- international law
- lifestyle management
- military
- ministry
- public relations
- publishing
- technology industries

Additional education and certification may be required for some career paths.

Contact Information:

Liberal Arts & Sciences, The College of
 School of International Letters and Cultures
<https://silc.asu.edu/degrees/undergrad>
 LL 440
 silcadvising@asu.edu
 480-965-6281

Global Health, BA (LASSHBA)

Campus: Tempe, Online

Program Description:

The BA in global health is a transdisciplinary degree that provides new skillsets and perspectives to understand and solve contemporary public health challenges, from the poorest nations to the most industrialized. This program yields new ways of understanding diverse cultures, places and perspectives while accounting for social, historical, biological and ecological considerations.

The curriculum focuses on identifying critical issues, asking the right questions and creating meaningful and effective solutions that top health employers demand, combined with personal growth, empathy and insight gleaned through transformative hands-on experience. Students are required to participate on-ground in an approved global health study abroad program and a variety of destinations and focuses are available.

Many faculty in the program hold titles of national distinction and are recognized experts in hot topics such as water security, obesity, resource management, disease, mental health, stigma and more.

Students currently enrolled in the Bachelor of Arts in global health may not pursue a concurrent degree with the BA in anthropology or the BS in anthropology due to the high level of overlap in curriculum. Students should speak with their academic advisor for any further questions.

Additional Program Fee: Y

Second Language Requirement: Yes

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Global Health, MA
- Global Management (Creative Industries and Design Thinking), MGM
- Global Management (Digital Audience Strategy), MGM
- Global Management (Global Affairs), MGM
- Global Management (Global Business), MGM
- Global Management (Global Development and Innovation), MGM

Global Management (Global Digital Transformation), MGM
Global Management (Global Entrepreneurship), MGM
Global Management (Global Health Care Delivery), MGM
Global Management (Global Legal Studies), MGM
Global Management (Integrated Health Care), MGM
Global Management (Nonprofit Leadership and Management), MGM
Global Management (Public Administration), MGM
Global Management (Public Policy), MGM
Global Management (Sustainability Solutions), MGM
Global Management (Sustainable Tourism), MGM
Global Management, MGM

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-global-health/>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LASSHBA~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Nationally and internationally, the health field provides enormous and varied career opportunities, and demand is high and growing for graduates with specific skills. The major supports the goals of those pursuing careers in academic research, teaching and health services. Sample employment venues include:

- departments of health
- government agencies
- international agencies (World Health Organization, Center for Disease Control, Global Health Council, World Bank, Inter-American Development Bank)
- nongovernmental organizations
- private sector
- universities

The degree program also provides a broad intellectual base for those who plan advanced specialist health training in fields such as:

- dentistry
- medicine
- nursing
- pharmacy

In Arizona and elsewhere, there is a pressing need for professionals with appropriate skills to work in cross-cultural settings or with underserved populations (such as migrants, minorities and those living in poverty), and many of these jobs are directly or indirectly related to health.

Contact Information:

Liberal Arts & Sciences, The College of
School of Human Evolution & Social Change
<https://shesc.asu.edu>
SHESC 233
shesc.undergrad@asu.edu
480-965-6215

Global Studies, BA (LASGSBA)

Campus: Tempe, Online

Program Description:

The BA program in global studies examines the causes and consequences of problems that cross national boundaries and the governance of these problems in social, cultural and economic contexts.

The degree program aims to address real-world problems and their solutions. This mission is enabled by an internationally recognized faculty with extensive global experience from a wide variety of disciplines in the social sciences, humanities and law. Global studies faculty members orient their work toward solving global problems by drawing on expertise in diverse disciplines.

The global studies program uses teaching, research and public policy activities to address some of the most challenging issues that include:

- built environments
- economic and social development
- global cities and urbanization
- global governance of health and climate change
- justice and human rights
- religious identities, rights and conflicts
- world culture

Additional Program Fee: Y

Second Language Requirement: Yes

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Political Science, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-global-studies/>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LASGSBA-null + &college=CLA>) to outline a list of

recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

A global studies degree prepares students for professional and graduate training, including in law, business and public policy, while providing broad foundational knowledge for future decision-making in government, business and policy entities.

Contact Information:

Liberal Arts & Sciences, The College of
School of Politics and Global Studies
<https://spgs.asu.edu/>
COOR 6797
spgs-ugadvising@asu.edu
480-965-8563

History, BA (LAHISBA)

Campus: Tempe, Online

Program Description:

Students pursuing the BA in history study the growth and development of human society from political, social, economic and cultural perspectives. Students learn to craft stories from materials other people have left behind --- constitutions, land deeds, diaries, guns and bones. They learn to make decisions about what to investigate, whom to believe, what happened first, and why things fell apart or came together.

History is a discipline that constantly adopts new techniques of analysis and new ways of gathering and presenting information. Students of history learn to use and create digital media, to perform quantitative as well as qualitative analysis, and to present their findings in compelling ways to all kinds of audiences.

Students currently enrolled in the Bachelor of Arts in history offered by The College of Liberal Arts and Sciences may not pursue a concurrent degree with the BA in history (secondary education), the BA in history offered by the New College of Interdisciplinary Arts and Sciences, or the BA in history offered by the College of Integrative Sciences and Arts due to the high level of overlap in curriculum. Students should speak with their academic advisor for any further questions.

Additional Program Fee: Y

Second Language Requirement: Yes

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Global Management (Creative Industries and Design Thinking), MGM
- Global Management (Digital Audience Strategy), MGM
- Global Management (Global Affairs), MGM
- Global Management (Global Business), MGM
- Global Management (Global Development and Innovation), MGM
- Global Management (Global Digital Transformation), MGM
- Global Management (Global Entrepreneurship), MGM
- Global Management (Global Health Care Delivery), MGM
- Global Management (Global Legal Studies), MGM
- Global Management (Integrated Health Care), MGM
- Global Management (Nonprofit Leadership and Management), MGM
- Global Management (Public Administration), MGM
- Global Management (Public Policy), MGM
- Global Management (Sustainability Solutions), MGM
- Global Management (Sustainable Tourism), MGM
- Global Management, MGM
- History, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-history/>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAHISBA~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

History majors are in demand. They know how to find and evaluate evidence, form arguments and present analysis --- skills essential to most careers including law, business, education, medicine and government.

Three out of four employers surveyed by the Association of American Colleges and Universities say they want colleges to place more emphasis on helping students develop five key learning outcomes: critical thinking, complex problem-solving, written communication, oral communication and applied knowledge in real-world settings. These learning outcomes are integral elements of an undergraduate degree in history.

History majors seek jobs in:

- business and industry
- communications
- education
- foreign service
- law enforcement
- museums
- public administration
- social services

History is an excellent foundation for graduate and professional studies in:

- business
- history
- justice studies
- law
- medicine
- public administration
- public history
- theology

Contact Information:

Liberal Arts & Sciences, The College of
Historical, Philosophical & Religious Studies, Sch

<https://shprs.asu.edu/node/163>

COOR 3307

SHPRSadvising@asu.edu

History (Secondary Education), BA (LAHISSEBA)

Campus: Tempe

Program Description:

The secondary education concentration within the BA in history offers a flexible degree for students who are considering a career in education.

The concentration program fully prepares students for teaching and certification. At the same time, the concentration provides all the disciplinary knowledge of a traditional history degree and prepares students for a variety of noneducation careers. By developing strong critical reading, writing and research skills as well as skills in oral presentation, the program creates a solid foundation for graduate work in history, law or business.

Students currently enrolled in the Bachelor of Arts in history (secondary education) offered by The College of Liberal Arts and Sciences may not pursue a concurrent degree with the Bachelor of Arts in history offered by The College of Liberal Arts and Sciences, the Bachelor of Arts in secondary education (history) offered by the Mary Lou Fulton Teachers College, the Bachelor of Arts in history offered by the New College of Interdisciplinary Arts and Sciences, or the Bachelor of Arts in history offered by the College of Integrative Sciences and Arts due to the high level of overlap in curriculum. Students should speak with their academic advisor for any further questions.

Additional Program Fee: Y

Second Language Requirement: Yes

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAHISSEBA-null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

The combination of courses within the secondary education concentration offers a broad education that prepares students for careers in a variety of fields, including:

- archival research
- business and industry
- education
- law enforcement
- public history
- publishing
- social work

Contact Information:

Liberal Arts & Sciences, The College of
Historical, Philosophical & Religious Studies, Sch
<https://shprs.asu.edu/node/166>

COOR 3307
shprsadvising@asu.edu
480-965-8364

Integrated Studies, BA (LAISTBA)

Campus: Tempe

Program Description:

The integrated studies program is a unique and highly focused individualized plan of study for students whose academic interests are not served by more traditional disciplinary pursuits.

Developed for academically superior students whose interests lie beyond established departmental emphases and boundaries, the integrated studies program provides students the opportunity to work one-on-one with faculty mentors to create a personalized and individually tailored degree plan.

Students who are approved to develop an integrated studies major pursue a focused and coherent course of study that draws its curriculum from more than one academic department or college.

Additional Program Fee: Y

Second Language Requirement: Yes

First Required Math Course: MAT 142 - College Mathematics

Some courses of study require more intensive mathematics coursework to meet prerequisites for certain classes.

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Not available to freshmen. There is an additional application for this degree program. Admission consists of completion of 32 credit hours at ASU with a GPA of at least 3.25, and three letters of recommendation from ASU faculty members. For more information, students should contact the senior director for advising and retention, Office of Student and Academic Programs, Futures Center, Armstrong Hall, Suite 112.

Change of Major Requirements:

This degree program is only for students who have earned at least 32 graded credit hours at ASU, who have a minimum cumulative GPA of 3.25 (scale is 4.00 = "A"), and whose study interests are not met by an already-existing major offered by Arizona State University. Students who meet the above qualifications and who have faculty mentors in their areas of interest are invited to meet with the Office of Student and Academic Programs in The College of Liberal Arts and Sciences to discuss the possibility of being allowed to pursue this opportunity. Appointments may be scheduled by calling (480) 965-6506.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAISTBA-null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

The professional and vocational opportunities provided by the integrated studies degree depends on the area of concentration and the particular focus of study. The integrated studies degree program shares with all other liberal arts and sciences programs in the goal of developing students' analytical abilities and communication skills. The program combines breadth of learning across multiple disciplinary contexts with an appropriate depth in a focused area of inquiry.

Integrated studies graduates are prepared to enter the work force or pursue graduate or professional studies at the completion of their

undergraduate program.

Contact Information:

Liberal Arts & Sciences, The College of
Dean, The College of Liberal Arts and Sciences
<https://thecollege.asu.edu/content/integrated-studies>
ARM 112
clas@asu.edu
480-965-6506

Integrated Studies, BS (LAISTBS)

Campus: Tempe

Program Description:

The integrated studies program is a unique, highly-focused, individualized plan of study for students whose academic interests are not served by more traditional disciplinary pursuits.

Developed for academically superior students whose interests lie beyond established departmental emphases and boundaries, the integrated studies program provides students the opportunity to work one-on-one with faculty mentors to create a personalized and individually tailored degree plan.

Students who elect and are approved to develop an integrated studies major pursue a focused and coherent course of study that draws its curriculum from more than one academic department or college.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Some courses of study require more intensive mathematics coursework to meet prerequisites for certain classes.

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Not available to freshmen. There is an additional application for this degree program. Admission consists of completion of 32 credit hours at ASU with a GPA of at least 3.25, and three letters of recommendation from ASU faculty members. For more information, students should contact the senior director for advising and retention, Office of Student and Academic Programs, Futures Center, Armstrong Hall, Suite 112.

Change of Major Requirements:

This degree program is only for students who have earned at least 32 graded credit hours at ASU, who have a minimum cumulative GPA of 3.25 (scale is 4.00 = "A"), and whose study interests are not met by an already-existing major offered by Arizona State University. Students who meet these qualifications and who have faculty mentors in their areas of interest are invited to meet with the Office of Student and Academic Programs in The College of Liberal Arts and Sciences to discuss the possibility of being allowed to pursue this opportunity. Appointments may be scheduled by calling 480-965-6506.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAISTBS-null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

The professional and vocational opportunities provided by the integrated studies degree depend on the area of concentration and the particular focus of study. The integrated studies degree program shares with all other liberal arts and sciences programs the goal of developing students' analytical abilities and communication skills. The program combines breadth of learning across multiple disciplinary contexts with an appropriate depth in a focused area of inquiry. Integrated studies graduates are prepared to enter the work force or pursue graduate or professional studies at the completion of their undergraduate program.

Contact Information:

Liberal Arts & Sciences, The College of
Dean, The College of Liberal Arts and Sciences
<https://thecollege.asu.edu/content/integrated-studies-0>
ARM 112
clas@asu.edu
480-965-6506

International Letters and Cultures, BA (LASLCBA)

Campus: Tempe

Program Description:

The BA in international letters and cultures is a degree program grounded in the advanced study of at least one foreign language. It is more transcultural and transdisciplinary than a traditional languages and literatures degree program and is designed to encourage students to explore and challenge the traditional boundaries of cultures, texts and disciplines.

Students work closely with faculty and advisors to choose a program that combines study and research in a minimum of two cultures or disciplines, or in both.

Students must meet with an advisor in the School of International Letters and Cultures to discuss this degree option. It is not recommended for first-year students.

Additional Program Fee: Y

Second Language Requirement: Yes

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LASLCBA~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Knowledge of multiple languages and intercultural competencies enhances any occupation and offer graduates many career opportunities.

Language-intensive careers include:

- foreign correspondent and media professional

- foreign service officer
- health professional
- intelligence officer
- international banking and finance professional
- international businessperson
- language teacher
- law and immigration professional
- multilingual administrative professional
- NGO professional
- professor of language, literature and culture
- social services professional
- translator and interpreter
- travel professional

Career fields and occupations using languages include:

- advertising, marketing and communications
- airline industry
- film, television and multimedia
- hospitality industry
- hotel and resort management
- international education and study abroad administration
- international law
- military
- ministry
- public relations
- publishing
- technology industries

Additional education and certification may be required for some career paths.

Contact Information:

Liberal Arts & Sciences, The College of
 School of International Letters and Cultures
<https://silc.asu.edu/degrees/undergrad>
 LL 440
 silcadvising@asu.edu
 480-965-6281

International Letters and Cultures (Arabic Studies), BA (LASLCASBA)

Campus: Tempe

Program Description:

The BA program in international letters and cultures with a concentration in Arabic studies provides critical and cultural diversity in advanced Arabic language and literature that enriches ASU students' undergraduate experience.

The program provides a broad knowledge and understanding of the culture, literature and traditions of the vast Arabic-speaking world and prepares students for a thriving job market. The Arabic studies concentration also benefits students interested in academic research and careers in public and diplomatic service as well as in national security.

This concentration complements existing degree programs in the School of International Letters and Cultures and enhances studies in social science disciplines such as political science and global studies as well as many humanities fields, including anthropology, history, philosophy and religious studies.

Additional Program Fee: Y

Second Language Requirement: Yes

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Global Management, MGM

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LASLCASBA~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

The bachelor's degree in international letters and cultures with a concentration in Arabic studies provides greater insight into the vast Arab world of 22 countries and can lead to career opportunities in areas such as journalism, translation, international consultations, government (e.g., the U.N. and CIA), social work, law and health.

Contact Information:

Liberal Arts & Sciences, The College of
School of International Letters and Cultures

<https://silc.asu.edu/degrees/undergrad>

LL 440

silcadvising@asu.edu

480-965-6281

International Letters and Cultures (Classical Civilization), BA (LASLCVBA)

Campus: Tempe

Program Description:

Classics is a transdisciplinary field that includes the study of the literature, art, history and philosophy of the ancient Greeks and Romans, subjects which fueled the Renaissance and have continued to provide an intellectual foundation for innovative and influential people ever since.

ASU's BA program in international letters and cultures with a concentration in classical civilization provides a thorough grounding in the culture and history of the ancient Greeks or Romans while allowing students to satisfy their language requirement. The program begins with two cores: an introduction to ancient Greek and Roman literature (read in English translation) and knowledge of ancient history. With that basis, students are allowed to build a program to meet their needs and interests. Among the variety of topics students pursue are:

- ancient history, war, politics and economics
- archaeology of the ancient Mediterranean world
- art and architecture of the ancient Egyptians, Greeks and Romans
- mythology and religious practices of the Greeks and Romans
- thought of figures such as Plato, Aristotle and Lucretius
- use of the classics in today's film, books and other media

Additional Program Fee: Y

Second Language Requirement: Yes

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Global Management, MGM

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LASLCVBA~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

College graduates with a degree in classical civilization have the valuable experience of studying a culture very different from the modern world yet lying at the root of it. This gives them a perspective that serves them well in a variety of disciplines. Classical civilization graduates may consider careers in:

- business
- film, television or multimedia
- K-12 education
- law
- public service
- writing and editing (fiction, journalism, technical writing)

Additional education may be required for some career fields.

Contact Information:

Liberal Arts & Sciences, The College of
School of International Letters and Cultures

<https://silc.asu.edu/degrees/undergrad>

LL 440

silcadvising@asu.edu

480-965-6281

International Letters and Cultures (Classics), BA (LASLCCBA)

Campus: Tempe

Program Description:

Classics is the study of the literature, art, history and philosophy of the ancient Greeks and Romans --- a transdisciplinary field that fueled the Renaissance and that has continued to provide an intellectual foundation for innovative and influential people ever since.

The BA program in international letters and cultures with a concentration in classics begins with two cores: language skills in ancient Greek or Latin (or, if the student chooses, both) and knowledge of ancient history. With that basis, students build a program to meet their needs and interests.

Among the variety of topics students pursue are:

- ancient history, war, politics and economics
- literary classics such as Homer, Sophocles, Virgil and Ovid
- the archaeology of the ancient Mediterranean world
- the art and architecture of the ancient Egyptians, Greeks and Romans
- the mythology and religious practices of the Greeks and Romans
- the thought of figures such as Plato, Aristotle and Lucretius
- the use of the classics in today's film, books and other media

In addition to the concentration in classics, ASU also offers a classical civilization concentration with a similar focus but different language requirements. Students should consult their advisor and choose the concentration that best meets their needs.

Additional Program Fee: Y

Second Language Requirement: Yes

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Global Management, MGM

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LASLCCBA~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates with a degree in the classics possess skills in research and the precise use and analysis of language that will serve them well in a wide range of fields. The transdisciplinary study of a culture very different from the modern world, yet lying at the root of it, also fosters the ability to view issues from many angles and think critically about them.

Classics graduates often find careers in:

- business
- Christian ministry
- film, television and multimedia
- law
- politics
- education
- writing and editing (fiction, journalism, technical writing)

As many employers are well aware, a classics graduate has the training to solve difficult puzzles, to see through obscure language and to conduct rigorous research on often ill-defined problems. These skills are prized in any field of endeavor.

Contact Information:

Liberal Arts & Sciences, The College of
School of International Letters and Cultures
<https://silc.asu.edu/degrees/undergrad>
LL 440
silcadvising@asu.edu
480-965-6281

Italian, BA (LAITABA)

Campus: Tempe

Program Description:

The BA program in Italian offers students an opportunity to study the literature and culture of Italy while gaining a respectable measure of competence in reading, writing, oral and aural skills in the Italian language. Students broaden their knowledge by completing a number of related courses on topics such as:

- art
- film
- government
- history
- literature and culture
- religion

Faculty-directed summer programs in Italy are available for students who wish to study the language and culture while living in the country. Study abroad programs in various cities in Italy are also available during the academic year.

More information on study abroad opportunities may be found at <https://silc.asu.edu/student-life/study-abroad/faculty-directed-summer-program-pages> (<https://silc.asu.edu/student-life/study-abroad/faculty-directed-summer-program-pages>).

Additional Program Fee: Y

Second Language Requirement: Yes

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Global Management, MGM

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAITABA-null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Knowledge of multiple languages and intercultural competencies enhance any occupation and offer graduates many career opportunities.

Language-intensive careers include:

- foreign correspondent and media professional
- foreign service officer
- health professional
- intelligence officer
- international banking and finance professional
- language teacher
- law and immigration professional
- multilingual administrative professional
- NGO professional
- professor of language, literature and culture
- social services professional
- translator and interpreter
- travel professional

Career fields and occupations in which knowledge of diverse languages and cultures is valuable include:

- advertising, marketing and communications
- airline industry
- film, television and multimedia
- hospitality industry
- hotel and resort management
- intelligence
- international business
- international education and study abroad administration
- international law
- lifestyle management
- military
- ministry
- public relations
- publishing
- technology industries

Additional education and certification may be required for some career paths.

Contact Information:

Liberal Arts & Sciences, The College of
School of International Letters and Cultures

<https://silc.asu.edu/degrees/undergrad>

LL 440

silcadvising@asu.edu

480-965-6281

Jewish Studies, BA (LAJSTBA)

Campus: Tempe

Program Description:

The BA in Jewish studies offers a transdisciplinary, cross-cultural program of study focusing on the study of Judaism, defined as the civilization of the Jews. It considers Jewish history and modern life and facilitates enhanced cultural awareness and a global perspective.

As with other degree programs in the humanities, a bachelor's degree program in Jewish studies can provide a balance to studies in contemporary science and technology.

Students choose a thematic concentration from history and society, literature and culture, or religion and thought.

Additional Program Fee: Y

Second Language Requirement: Yes

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Global Management (Creative Industries and Design Thinking), MGM
- Global Management (Digital Audience Strategy), MGM
- Global Management (Global Affairs), MGM
- Global Management (Global Business), MGM
- Global Management (Global Development and Innovation), MGM
- Global Management (Global Digital Transformation), MGM
- Global Management (Global Entrepreneurship), MGM
- Global Management (Global Health Care Delivery), MGM
- Global Management (Global Legal Studies), MGM
- Global Management (Nonprofit Leadership and Management), MGM
- Global Management (Public Administration), MGM
- Global Management (Public Policy), MGM
- Global Management (Sustainability Solutions), MGM
- Global Management (Sustainable Tourism), MGM
- Global Management, MGM

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAJSTBA~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Students who receive a bachelor's degree in Jewish studies and pursue a career with one of the hundreds of U.S. companies that do business in Israel have a competitive edge because of their familiarity with Jewish culture. Jewish studies graduates are also prepared to:

- attend rabbinical seminary in preparation for becoming a community rabbi or chaplain
- engage in world political and economic issues
- pursue advanced education in Jewish professional service fields

The degree also provides a firm foundation for students who wish to pursue advanced degrees related to their area of interest in fields that may include:

- archaeology
- creative writing
- ethics

- film and media
- history
- journalism
- justice studies
- law
- philosophy
- political science
- religious studies

Contact Information:

Liberal Arts & Sciences, The College of
 Historical, Philosophical & Religious Studies, Sch
<https://jewishstudies.asu.edu/content/jewish-studies>
 COOR 3307
 SHPRSAdivising@asu.edu
 480-965-8364

Justice Studies, BA (LAJUSBA)

Campus: Tempe

Program Description:

Justice studies is an innovative social science and liberal arts program that examines contemporary social justice in a variety of contexts, including inequality, race, gender, citizenship, indigeneity and other significant areas.

This program provides a broad approach to understanding justice including the legal system as well as wider social contexts. The BA program provides students the kind of broader perspective required in today's workforce, through a liberal arts focus and the requirement to enroll in language courses.

As so many social justice issues occur across countries and cultures, this program equips students with a dynamic knowledge of the world's justice systems and gives them the skills to create meaningful, real-world change.

Additional Program Fee: Y

Second Language Requirement: Yes

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Justice Studies, MS

Science and Technology Policy, MSTP

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements: A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAJUSBA~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Many graduates go on to law school, graduate school or other professional degree programs. Students emerge from this program with knowledge and skills designed to bring social justice concerns to their professional careers. Program graduates work in a variety of fields, including:

- administration
- business
- economics
- education
- human welfare and social work
- international relations
- law
- nongovernmental organizations
- politics
- public service fields

Contact Information:

Liberal Arts & Sciences, The College of
School of Social Transformation
<https://sst.asu.edu/justice-and-social-inquiry>
WILSN 125
SSTadvising@asu.edu
480-965-7682

Justice Studies, BS (LAJUSBS)

Campus: Tempe, Online

Program Description:

Justice studies is an innovative social science and liberal arts program examining current social justice issues. Students explore social justice in the context of inequality, race, gender, citizenship, indigeneity or other major contemporary issues.

This program provides a broad approach to understanding justice that includes the legal system and wider social contexts. To provide students with the analytical skills required of today's workforce, the BS degree program offers a social science focus and requires students to enroll in a quantitative data analysis course.

In this program, students use multiple research methodologies to understand social justice issues in diverse settings and working with a variety of people and cultures. The skills gained allow students to create real-world change.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Justice Studies, MS

Science and Technology Policy, MSTP

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-justice-studies/>)

Change of Major Requirements: A current ASU student has no additional requirements for changing majors. Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transferecreditguide/app/transfermap?major=LAJUSBS~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Many graduates go on to law school, graduate school or other professional degree programs. Students emerge from this program with the knowledge and skills designed to bring social justice concerns to their professional careers. Program graduates work in a variety of fields, including:

- advocacy
- business
- economics
- education
- human welfare and social work
- international relations
- law
- nongovernmental organizations
- politics
- public service fields

Contact Information:

Liberal Arts & Sciences, The College of
School of Social Transformation
<https://sst.asu.edu/justice-and-social-inquiry>
WILSN 125
SSTadvising@asu.edu
480-965-7682

Mathematics, BA (LAMATBA)

Campus: Tempe

Program Description:

Math is the science of problem-solving. Students in the BA degree program in mathematics apply the critical thinking and problem-solving skills they learn to many endeavors, because math is a crucial component in engineering, life sciences, business, economics and social sciences.

In the bachelor's degree program in mathematics, students acquire a strong general mathematics background, but retain the flexibility to pursue other areas of interest through a minor or even a second major. Combining a second area of study such as life science, physics, computer science or business creates a powerful combination for future career goals.

Additional Program Fee: Y

Second Language Requirement: Yes

First Required Math Course: MAT 270 - Calculus w/Analytic Geometry I

Program Math Intensity: Substantial

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transferecreditguide/app/transfermap?major=LAMATBA~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

The BA program in mathematics includes a foreign language requirement, making this an ideal option for students interested in careers in global business. It is also a top option for international students looking for a general math background. A Bachelor of Arts degree in mathematics can be the springboard for many different careers in fields such as:

- business management
- computer engineering
- financial analysis
- health care
- law
- teaching

Contact Information:

Liberal Arts & Sciences, The College of
School of Mathematical and Statistical Sciences
<https://math.asu.edu>
WXLR A211
math@asu.edu
480-965-7195

Mathematics, BS (LAMATBS)

Campus: Tempe

Program Description:

The BS degree program in mathematics offers a grounding in both theoretical and applied mathematical concepts.

Classes cover a broad spectrum of advanced mathematical topics, including differential equations, modeling, numerical analysis, number theory, cryptography and real analysis.

Students with a bachelor's degree in mathematics can pursue careers in fields as diverse as computer science, finance, biotechnology, engineering, medical research and education.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 270 - Calculus w/Analytic Geometry I

Program Math Intensity: Substantial

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Mathematics, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercrreditguide/app/transfermap?major=LAMATBS~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Mathematics is foundational and can be applied to many different types of careers. Math is a crucial part of engineering, life sciences, business, economics and social sciences. Many undergraduate math majors also pursue graduate studies in medicine or law. These are just a few of the top careers possible with a BS in mathematics:

- cryptographer
- engineer
- financial analyst
- mathematician
- operations research analyst
- statistician
- teacher

Students interested in a career in teaching or education may also consider the bachelor's degree in mathematics concentration in secondary education: <https://math.asu.edu/content/mathematics-secondary-education> (<https://math.asu.edu/content/mathematics-secondary-education>).

Contact Information:

Liberal Arts & Sciences, The College of
School of Mathematical and Statistical Sciences
<https://math.asu.edu>
WXLR A211
math@asu.edu
480-965-7195

Mathematics (Secondary Education), BS (LAMATSBS)

Campus: Tempe

Program Description:

The BS program in mathematics with a concentration in secondary education provides an excellent pathway for students interested in teaching. Students acquire strong content knowledge in diverse areas of math and the skills to convey these concepts to others. This degree program offers a deeper mastery of mathematics coupled with the ability to handle the challenges of a high school classroom.

Students who wish to teach at the secondary level take courses preparing them to earn certification in the state of Arizona through this program. By providing a carefully designed curriculum of courses and instructional experiences, the program develops the deep understandings and connections needed to be a highly effective mathematics teacher. Graduates emerge equipped to provide mathematics instruction that is coherent, meaningful and challenging.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 270 - Calculus w/Analytic Geometry I

Program Math Intensity: Substantial

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAMATSBS~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

The secondary education concentration provides its graduates the flexibility to apply their knowledge in a variety of ways. It combines the options of a bachelor's degree in mathematics and a bachelor's degree in education with choices ranging from teaching high school mathematics to jobs in diverse fields, such as:

- business
- finance
- industry
- technology

Students can also choose to pursue graduate studies in mathematics or mathematics education.

Contact Information:

Liberal Arts & Sciences, The College of
School of Mathematical and Statistical Sciences

<https://math.asu.edu>

WXMLR A211

math@asu.edu

480-965-7195

Mathematics (Statistics), BS (LAMATTBS)

Campus: Tempe

Program Description:

In the BS program in mathematics with a concentration in statistics, students learn innovative mathematical, computational and statistical methods to analyze data sets as well as how to use data in real-world applications.

Using data analytics, students discover how to generate insights that inform fact-based decision-making. They use cutting-edge techniques to study and understand methods of statistical inference and explore strategies for dealing with uncertainty.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 270 - Calculus w/Analytic Geometry I

Program Math Intensity: Substantial

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Statistics, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercrreditguide/app/transfermap?major=LAMATTBS~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Statistical analysis and data mining have been identified as two of the most desirable skills in today's job market. Based on factors like pay, growth and job satisfaction, statistics has been named in separate job reports as one of the best careers for millennials. Data and the analysis of data is big business, and the Department of Labor projects a 25 percent growth in the need for employees trained in data analytics. For students pursuing a bachelor's degree in mathematics with a concentration in statistics, that means an exciting future of career opportunities in fields as diverse as business, finance, engineering, technology, sports, marketing, government and other areas of the economy.

These are just a few of the top career paths you can pursue with a major in this bachelor's degree program:

- actuary
- data scientist
- financial analyst
- market research analyst
- software engineer
- sports statistician
- statistician
- teacher or professor

Students also can combine statistics with other disciplines, such as business or economics, to enhance preparation for their personal career goals.

Contact Information:

Liberal Arts & Sciences, The College of
School of Mathematical and Statistical Sciences
<https://math.asu.edu>
WXMLR A211
math@asu.edu
480-965-7195

Microbiology, BS (LAMICBS)

Campus: Tempe

Program Description:

The BS program in microbiology combines the study of the branch of biology involving the smallest of living things (bacteria, fungi, algae, protozoa and viruses) and immunology (the study of all aspects of the immune system).

Despite their small size, microbes are fundamental to life on Earth and compose the majority of all Earth's life forms. In addition to their essential

contributions to the natural world, microbes have been model experimental subjects due to their impact on human health and ease of manipulation in the laboratory. A significant portion of medical research employs microbiological and immunological methods in order to examine basic genetic and biological phenomena.

The microbiology degree program places emphasis on understanding microorganisms and their interrelationships with other organisms in nature and on the influence of microorganisms in biomedicine and biotechnology. Students in the microbiology degree program study the background and current findings in the field of microbiology and also acquire the critical thinking skills and the hands-on laboratory and field skills required to succeed in science.

The major provides excellent training for premedical, pre dental, preveterinary and prepharmacy students as well as advanced study in microbiology and immunology.

This program is available as an accelerated degree program. Students can visit this website to learn more about accelerated degree programs: <https://sols.asu.edu/degree-programs/accelerated-bachelor-master-science> (<https://sols.asu.edu/degree-programs/accelerated-bachelor-master-science>).

Due to the high volume of overlap in curriculum, students enrolled in a BS degree in the School of Life Sciences may be restricted from declaring a concurrent degree within the school. Students should speak with their academic advisor for any further questions.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 251 - Calculus for Life Sciences or MAT 270 Calculus with Analytic Geometry I

Program Math Intensity: Moderate

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Biology, MS
- Global Management (Creative Industries and Design Thinking), MGM
- Global Management (Digital Audience Strategy), MGM
- Global Management (Global Business), MGM
- Global Management (Global Development and Innovation), MGM
- Global Management (Global Digital Transformation), MGM
- Global Management (Global Entrepreneurship), MGM
- Global Management (Global Health Care Delivery), MGM
- Global Management (Global Legal Studies), MGM
- Global Management (Integrated Health Care), MGM
- Global Management (Nonprofit Leadership and Management), MGM
- Global Management (Public Administration), MGM
- Global Management (Public Policy), MGM
- Global Management (Sustainability Solutions), MGM
- Global Management (Sustainable Tourism), MGM
- Global Management, MGM
- Microbiology, MS
- Molecular and Cellular Biology, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAMICBS~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

The discipline of microbiology is diverse and the job opportunities for microbiologists are enormous. Graduates with a degree in microbiology have opportunities for employment in:

- government
- hospitals
- industrial laboratories (food, dairy, chemical, pharmaceutical, environmental and biotechnology companies)
- public health laboratories
- research laboratories

Many students are also suitably prepared for admission into graduate school and advanced study in these fields:

- dentistry
- medicine
- pharmacy
- veterinary medicine

Contact Information:

Liberal Arts & Sciences, The College of

School of Life Sciences

<https://sols.asu.edu/degree-programs/microbiology>

LSA 189

sols.advising@asu.edu

480-727-6277

Microbiology (Medical Microbiology), BS (LAMICMBS)

Campus: Tempe

Program Description:

The medical microbiology concentration serves students in the BS in microbiology degree program who aim to pursue careers in health professions, medical microbiology or biomedical research.

The curriculum aligns with the scientific competencies recommended for premedical students in a report of the American Medical Colleges and the Howard Hughes Medical Institute Committee and are also reflected in the 2015 changes to the MCAT. Coursework includes many of the courses in the microbiology major, including chemistry, biochemistry, math and physics, with some microbiology courses replaced by cell biology, animal physiology and courses that relate to human biology and society to emphasize core concepts, competencies and critical intellectual skills necessary to succeed in medical school or biomedical research. The concentration includes coursework that students need to prepare for the MCAT or medical school admission.

This program is available as an accelerated degree program. Students can visit this website to learn more about accelerated degree programs: <https://sols.asu.edu/degree-programs/accelerated-bachelor-master-science> (<https://sols.asu.edu/degree-programs/accelerated-bachelor-master-science>).

Due to the high volume of overlap in curriculum, students enrolled in a BS degree in the School of Life Sciences may be restricted from declaring a concurrent degree within the school. Students should speak with their academic advisor for any further questions.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 251 - Calculus for Life Sciences or MAT 270 Calculus with Analytical Geometry I

Program Math Intensity: Moderate

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Biology, MS
Global Management, MGM
Microbiology, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transferecreditguide/app/transfermap?major=LAMICMBS~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates of the bachelor's degree program in microbiology with a concentration in medical microbiology have fulfilled the majority of prerequisite requirements and mastered many of the competencies valued by graduate programs in medical, dental and optometry fields and by programs which prepare students to be physician assistants or physical therapists. Additionally, graduates of this program have a practical understanding of the process of science, preparing them for a career in research. They have knowledge of foundational concepts in biological sciences, chemistry, physics and statistics as well as the ability to understand and apply core microbiology concepts. They are prepared to enter research in a number of areas including but not limited to cellular biology, immunology, bacteriology and virology.

Contact Information:

Liberal Arts & Sciences, The College of
School of Life Sciences
<https://sols.asu.edu/>
LSA 189
sols.advising@asu.edu
480-727-6277

Molecular Biosciences and Biotechnology, BS (LAMBBBS)

Campus: Tempe

Program Description:

The BS program in molecular biosciences and biotechnology encompasses many of the cutting-edge disciplines in life sciences research. Biotechnology is an exciting, rapidly growing field with major applications in agriculture (green biotechnology, leading to improved crops or production of vaccines in plants), health care (red biotechnology, leading to better therapeutics, diagnostics and personalized medicine) and industry (white biotechnology, leading to sustainable production of energy, enzymes and chemicals).

This molecular biosciences and biotechnology degree program focuses on the interface between molecular biology and biotechnology. The interface drives major advancements in knowledge and applied research and development, such as the development of next-generation biomedical products or biofuels. Hands-on research and the capstone course with both science and business or entrepreneurial components round out this exciting program.

This program is available as an accelerated degree program. Students may visit this website to learn more about accelerated degree programs: <https://sols.asu.edu/degree-programs/accelerated-bachelor-master-science> (<https://sols.asu.edu/degree-programs/accelerated-bachelor-master-science>).

Due to the high volume of overlap in curriculum, students enrolled in a Bachelor of Science degree in the School of Life Sciences may be restricted from declaring a concurrent degree within the school. Students should speak with their academic advisor for any further questions.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 251 - Calculus for Life Sciences or MAT 270 Calculus with Analytic Geometry I

Program Math Intensity: Moderate

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Biochemistry (Medicinal Chemistry), MS
- Biology, MS
- Global Management, MGM
- Microbiology, MS
- Molecular and Cellular Biology, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAMBBBS~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

The molecular biosciences and biotechnology degree program provides an excellent background and training for a growing number of careers that incorporate this innovative area of the molecular life sciences. Independent research and courses with classroom plus lab components result in a solid base of knowledge and practical expertise in biotechnology and the molecular biosciences, providing many options for further education or for entering the workforce.

Many molecular biosciences and biotechnology graduates enter graduate programs in a molecular biosciences and biotechnology-related area. A number also enroll in medical school, other health-related professional programs or in other advanced programs. Graduates also have the knowledge and technical skills to enter the biotechnology workforce in an area matching their expertise and interest.

The molecular biosciences and biotechnology program has a faculty mentoring program which provides students with the opportunity to speak with faculty regarding career choices, selection and timeline of major courses and of independent research projects, and much more.

Contact Information:

Liberal Arts & Sciences, The College of

School of Life Sciences

<https://sols.asu.edu/>

LSA 189

sols.advising@asu.edu

480-727-6277

Neuroscience, BS (LABMENBS)

Campus:

Program Description:

Neuroscience is concerned with understanding the structure and function of the nervous system and its relation to behavior. The field of neuroscience spans all levels of biological analysis, with interfaces to many fields such as mathematics, law and engineering.

The concurrent BS degree program in neuroscience consists of rigorous, in-depth training in cellular, molecular and systems biology. With this broad depth of fundamental knowledge, students gravitate toward different areas of specialization in neuroscience. Students are prepared for collaborative and interdisciplinary research and teaching positions in neuroscience. The degree program also enables students to enter biomedical fields that prepare students for careers in medicine, nursing or veterinary medicine and to integrate innovative outcomes from the research community into their practices.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 251 - Calculus for Life Sciences or MAT 265 or MAT 270

Program Math Intensity: Moderate

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Microbiology, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

This program is currently available only as a concurrent degree to ASU students pursuing other majors.

Change of Major Requirements:

This program is currently available only as a concurrent degree to ASU students pursuing other majors. For more information on how to add this major as a concurrent degree program, students should contact the department or their academic advisor.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LABMENBS~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

The bachelor's degree in neuroscience, especially when paired with complementary programs, prepares students for work in fields such as:

- academic research
- bioengineering
- biotechnology
- medical research
- medicine
- pharmaceutical research and development
- physical rehabilitation

- speech rehabilitation

Contact Information:

Liberal Arts & Sciences, The College of
School of Life Sciences
<https://sols.asu.edu>
LSA 189
sols.advising@asu.edu
480-727-6277

Philosophy, BA (LAPHIBA)

Campus: Tempe, Online

Accelerated options for this program are not currently available to ASU Online students.

Program Description:

The BA in philosophy teaches students how to think well which, in turn, lays the foundation for personal and professional success.

Philosophy students learn how to structure arguments, write precisely and clearly, and communicate their ideas in an orderly, persuasive and unambiguous way. Many philosophical texts are complicated, and philosophy courses teach students how to read, comprehend and summarize conceptually difficult material. In short, studying philosophy trains one to be a better, clearer thinker.

Coursework includes the major subfields of philosophy, such as metaphysics, epistemology and ethics, and electives that connect philosophy to other areas of inquiry, emphasizing the social relevance of philosophy.

Philosophy alumni are well prepared for leadership roles whatever path they take, whether it be in business, law, politics, medicine or education.

Students currently enrolled in the Bachelor of Arts in philosophy may not pursue a concurrent degree with the BA in philosophy (morality, politics and law) due to the high level of overlap in curriculum. Students should speak with their academic advisor for any further questions.

Additional Program Fee: Y

Second Language Requirement: Yes

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Global Management (Creative Industries and Design Thinking), MGM
- Global Management (Digital Audience Strategy), MGM
- Global Management (Global Affairs), MGM
- Global Management (Global Business), MGM
- Global Management (Global Development and Innovation), MGM
- Global Management (Global Digital Transformation), MGM
- Global Management (Global Entrepreneurship), MGM
- Global Management (Global Health Care Delivery), MGM
- Global Management (Global Legal Studies), MGM
- Global Management (Integrated Health Care), MGM
- Global Management (Nonprofit Leadership and Management), MGM
- Global Management (Public Administration), MGM
- Global Management (Public Policy), MGM
- Global Management (Sustainability Solutions), MGM
- Global Management (Sustainable Tourism), MGM
- Global Management, MGM

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-philosophy/>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transferecreditguide/app/transfermap?major=LAPHIBA~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

The analytical, rhetorical and writing skills developed through the study of philosophy provide ideal preparation for careers in a wide range of fields, including:

- business
- education
- journalism
- law
- medicine
- public service

Contact Information:

Liberal Arts & Sciences, The College of
Historical, Philosophical & Religious Studies, Sch
<https://shprs.asu.edu/node/162>
COOR 3307
SHPRSadvising@asu.edu
480-965-8364

Philosophy (Morality, Politics and Law), BA (LAPHIMPBA)

Campus: Tempe, Online

Accelerated options for this program are not currently available to ASU Online students.

Program Description:

The BA in philosophy with a concentration in morality, politics and law combines the basic analytical approaches of philosophy with an emphasis on the moral questions that arise in political theory and law. The foundations of our political and legal systems are moral values, such as individual liberty, equality and justice. These are contested values, open to different understandings of their nature and implications.

Students explore the nature of morality, political theory, legal theory and the interconnections between them. Students complete philosophy courses as well as courses from disciplines related to philosophy to enrich and enliven their understanding of the intersections of morality, politics and law. This degree program is of special interest to students planning to pursue postgraduate work in law, policy or politics.

Students currently enrolled in the Bachelor of Arts in philosophy (morality, politics and law) may not pursue a concurrent degree with the BA in philosophy due to the high level of overlap in curriculum. Students should speak with their academic advisor for any further questions.

Additional Program Fee: Y

Second Language Requirement: Yes

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Global Management (Creative Industries and Design Thinking), MGM
- Global Management (Digital Audience Strategy), MGM
- Global Management (Global Affairs), MGM
- Global Management (Global Business), MGM
- Global Management (Global Development and Innovation), MGM
- Global Management (Global Digital Transformation), MGM
- Global Management (Global Entrepreneurship), MGM
- Global Management (Global Health Care Delivery), MGM
- Global Management (Global Legal Studies), MGM
- Global Management (Nonprofit Leadership and Management), MGM
- Global Management (Public Administration), MGM
- Global Management (Public Policy), MGM
- Global Management (Sustainability Solutions), MGM
- Global Management (Sustainable Tourism), MGM
- Global Management, MGM

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/philosophy-morality-politics-and-law-ba/>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAPHIMPBA~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates are prepared for career opportunities in law, policymaking and analysis, politics and intelligence work. For example, graduates may find employment with the U.S. Department of State, the Central Intelligence Agency or the United States Department of Justice. The program is excellent preparation for law school.

Contact Information:

Liberal Arts & Sciences, The College of
Historical, Philosophical & Religious Studies, Sch
<https://shprs.asu.edu/node/161>
COOR 3307
SHPRSadvising@asu.edu
480-965-8364

Campus: Tempe, Online

Program Description:

Physics is concerned with the nature, structure and interactions of matter and radiation. The BA program in physics provides a flexible and efficient option for students who are interested in a liberal arts degree with broad knowledge of physics. This degree program also is ideal for students seeking to complete two degrees, with physics as the second degree.

Additional Program Fee: Y

Second Language Requirement: Yes

First Required Math Course: MAT 270 - Calculus w/Analytic Geometry I

Program Math Intensity: Substantial

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAPHYBA~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates with a BA degree in physics may pursue such careers as:

- lawyer
- patent attorney
- physical therapist
- radiation physicist
- research or lab assistant
- science policy analyst
- secondary science teacher
- technology support analyst

Contact Information:

Liberal Arts & Sciences, The College of

Department of Physics

<https://physics.asu.edu/content/physics-0>

PSF 470

physics.undergrad@asu.edu

480-965-3561

Physics, BS (LAPHYBS)

Campus: Tempe

Program Description:

Physics is concerned with the nature, structure and interactions of matter and radiation. The BS degree program in physics provides students a solid foundation in physical science and mathematics, which is appropriate for further graduate study in physics, other sciences or engineering programs.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 270 - Calculus w/Analytic Geometry I

Program Math Intensity: Substantial

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Materials Science and Engineering, MS

Nanoscience, PSM

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

Current ASU students wishing to change their major to physics should have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A") for all critical classes they have completed.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAPHYBS~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

The broad range of applicability of the principles of physics gives the physicist great flexibility in a choice of career or further education. About half of the graduates with a bachelor's degree in physics go on to graduate school in:

- astronomy
- engineering
- medicine
- physics

The others go directly into employment in areas such as:

- business
- education
- engineering
- materials science

Contact Information:

Liberal Arts & Sciences, The College of
Department of Physics

<https://physics.asu.edu/content/physics>

PSF 470
physics.undergrad@asu.edu
480-965-3561

Physics (Secondary Education), BS (LAPHYSEBS)

Campus: Tempe

Program Description:

The BS program in physics with a concentration in secondary education provides rigorous training in physics and in education. Physics is the cornerstone of STEM disciplines --- science, technology, engineering and mathematics.

The shortage of highly qualified physics teachers in every state is an ongoing problem. This concentration is designed to produce more and better-qualified physics teachers to meet local and national needs. Graduates are recommended by the Mary Lou Fulton Teachers College for certification by the State of Arizona.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 270 - Calculus w/Analytic Geometry I

Program Math Intensity: Substantial

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

Current ASU students wishing to change their major to physics should have a minimum cumulative GPA of 2.50 (scale is 4.00= "A") for all critical classes they have completed.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAPHYSEBS~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates of the secondary education concentration have the flexibility to select from jobs in diverse fields. The combination of science and education curriculum provides a range of career choices, such as:

- business
- engineering
- materials science
- secondary education

Students can also choose to pursue graduate studies in:

- astronomy
- education
- engineering
- medicine
- physics

Contact Information:

Liberal Arts & Sciences, The College of
Department of Physics
<https://physics.asu.edu/node/276>
PSF 470
physics.undergrad@asu.edu
480-965-3561

Political Science, BA (LAPOSBA)

Campus: Tempe, Online

Program Description:

The BA program in political science offers a variety of courses and opportunities to study politics and policies at the local, national and global levels. The program aims to provide students with the tools and skills necessary to link theory with real-world problems and issues.

By combining coursework in several areas of political science with broad exposure to ASU's liberal arts offerings, the Bachelor of Arts degree in political science seeks to produce well-rounded learners with the research and writing skills useful for success in political or governmental careers, law school, graduate study, business or the nonprofit sector.

Students currently enrolled in the Bachelor of Arts program in political science may not pursue a concurrent degree with the Bachelor of Science in politics and the economy due to the high level of overlap in curriculum. Students should speak with their academic advisor for any further questions.

Additional Program Fee: Y

Second Language Requirement: Yes

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Political Science, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-political-science/>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAPOSBA~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Many program graduates have found positions in the following:

- Arizona government
- the Federal Reserve
- foreign service
- the judiciary branch of government
- lobbying
- local and national newspapers
- local, national and global nonprofit organizations
- local, state and national government
- multinational corporations
- research institutions

In addition, some graduates have gone on to other top-tier graduate and professional schools. These students have found a range of employment opportunities in the fields of:

- communication
- education
- foreign service
- journalism
- law
- political science
- public service

Contact Information:

Liberal Arts & Sciences, The College of
 School of Politics and Global Studies
<https://spgs.asu.edu/>
 COOR 6797
 spgs-ugadvising@asu.edu
 480-965-8563

Political Science, BS (LAPOSBS)

Campus: Tempe, Online

Program Description:

The BS program in political science is useful for students who are looking for careers that require analytical thinking and quantitative skills.

It offers a variety of courses and opportunities to study politics and public policy at the local, national and global levels. The program provides students with the tools and skills necessary to link theory with real-world problems and issues. By providing experience with the analysis of political statistics, this degree program acquaints students with quantitative application skills. These skills are useful in graduate studies in political science, careers in public policy and other analytical positions in or related to government and politics.

Students currently enrolled in the Bachelor of Science program in political science may not pursue a concurrent degree with the Bachelor of Science in politics and the economy due to the high level of overlap in curriculum. Students should speak with their academic advisor regarding any further questions.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Political Science, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-political-science/>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercrreditguide/app/transfermap?major=LAPOSBS~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Many graduates of this degree program have found positions in:

- Arizona government
- the Federal Reserve
- foreign service
- the judiciary branches of government
- lobbying
- local and national newspapers
- local, national and global nonprofit organizations
- local, state and national government
- multinational corporations
- research institutions
- survey research

In addition, some graduates have gone on to other top-tier graduate and professional schools. These students have found a range of employment opportunities in the fields of:

- communication
- data science
- education
- foreign service
- journalism
- law
- political science
- public service

Contact Information:

Liberal Arts & Sciences, The College of
School of Politics and Global Studies
<https://spgs.asu.edu/>
COOR 6797
spgs-ugadvising@asu.edu
480-965-8563

Politics and the Economy, BS (LAPECBS)

Campus: Tempe

Program Description:

The BS program in politics and the economy prepares students for careers that require a sophisticated understanding of the relationship between politics and the economy. This degree is a response to the growing recognition that many of the world's most pressing problems (e.g., growth and

development, tax reforms and climate change) are fundamentally political and economic problems. The program combines core courses in economics and political science. Utilizing the strengths of both the ASU Department of Economics and the School of Politics and Global Studies, students graduate with strong quantitative and modeling skills and a rich understanding of political context.

Students currently enrolled in the Bachelor of Science in politics and the economy may not pursue a concurrent degree with the BS in economics from The College of Liberal Arts and Sciences, a BS in economics from the W. P. Carey School of Business, a BS in political sciences or a BA in political science due to the high level of overlap in curriculum. Students should speak with their academic advisor for any further questions.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Political Science, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

All students are required to meet general university admission requirements.

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAPECBS~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

According to external forecasters of employment growth (U.S. Department of Labor and the U.S. News & World Report), job opportunities for graduates of the politics and the economy degree program are expected to grow as fast or faster than the average growth of the labor force. They note that the demand for graduates grounded in economics and political science is driven by the growing complexity of the global economy, the increased implementation of financial regulations in wealthier nations and the growing competitiveness of the business environment. In terms of specific sectors, graduates are well-prepared for entry positions in government at all levels (local, state and federal), business, economic and political consulting, and law. They are also prepared to pursue advanced degrees in law, business, economics or political science.

Contact Information:

Liberal Arts & Sciences, The College of

School of Politics and Global Studies

<https://wpcarey.asu.edu/economics-degrees/undergraduate>

CPCOM 412

wpcareyecn@asu.edu

480-965-3531

Psychology, BA (LAPGSBA)

Campus: Tempe

Program Description:

In addition to coursework, the BA in psychology offers students the opportunity to work alongside faculty researching exciting new questions. Students are also able to apply their knowledge in internships that help them identify and prepare for interesting careers that involve psychology.

The study of psychology prepares students with support and answers not only for the transition into their work lives, but also for other important life roles. The Department of Psychology expects to provide continued support and answers to its graduates as they use that foundation of psychology in their own lives as they transition into jobs, careers, marriage and families.

Additional Program Fee: Y

Second Language Requirement: Yes

First Required Math Course: MAT 119 - Finite Mathematics or MAT 170 Pre-Calculus

Program Math Intensity: Moderate

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Global Management, MGM

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Freshman admission requirements for this program are the same as the university's freshman admission requirements.

Transfer Admission Requirements:

Transfer applicants must meet university transfer admission requirements.

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAPGSBA-null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

The BA in psychology provides students the opportunity to develop a broad range of highly marketable skills, including analytical skills, writing and public speaking skills as well as teamwork and leadership skills. Graduates are prepared for many careers in a variety of settings that provide opportunities to apply concepts and principles of psychology and for pursuit of graduate degrees in academic or clinical psychology or in such fields as counseling, social work, family therapy and law.

Contact Information:

Liberal Arts & Sciences, The College of

Department of Psychology

<https://psychology.asu.edu/content/psychology-0>

PSY 202
psych.advisor@asu.edu
480-965-7258

Psychology, BS (LAPGSBS)

Campus: Tempe

Program Description:

Students acquire basic knowledge of psychology theory and practice. They develop skills in research analysis, critical thinking and the ability to interact effectively with a range of diverse groups across scientific interests and disciplines.

In addition to coursework, the BS in psychology offers students the opportunity to work alongside world-class faculty researching the brain and behavior. Students can prepare for interesting careers using psychology by working in functioning research laboratories studying the complexities of human and animal behavior.

The Department of Psychology is known for providing continued support and answers to its graduates as a foundation for their personal transition into careers, marriage, families and other important life roles.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 119 - Finite Mathematics or MAT 170 Pre-Calculus

Program Math Intensity: Moderate

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Global Management, MGM

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Freshman admission requirements for this program are the same as the university's freshman admission requirements.

Transfer Admission Requirements:

Transfer applicants must meet university transfer admission requirements.

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAPGSBS~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates are well positioned for advanced research and graduate study in psychology, the health sciences, law and other graduate level degrees and programs. The BS degree program also prepares graduates for direct entry into a wide field of career options.

Contact Information:

Liberal Arts & Sciences, The College of
Department of Psychology
<https://psychology.asu.edu/degrees/undergrad>
PSY 202
psych.advisor@asu.edu
480-965-7258

Psychology (Psychological Science), BS (LAPGSPSBS)

Campus: Tempe

Program Description:

In addition to coursework, the BS program in psychology with a concentration in psychological science offers students the opportunity to work alongside faculty researching exciting new questions. Students are also able to apply their knowledge through internships that help prepare them for interesting careers that provide opportunities for them to use their knowledge of psychology.

The Department of Psychology expects to provide its graduates with a foundation of psychology that may be applied in their own lives, not only for their transition into jobs and careers, but also in marriages, families and other important aspects of life.

Additional Program Fee: Y**Second Language Requirement:** N

First Required Math Course: MAT 119 - Finite Mathematics

Or MAT 170 Pre-Calculus

Program Math Intensity: Moderate**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

The BS in psychology with a concentration in psychological science is open to students who have:

- completed a BS in psychology critical courses (ENG 101, ENG 102, MAT 251 or MAT 270, PSY 101, PSY 230, PSY 290) with a "C" or better
- earned at least 45 credit hours
- earned at least an ASU 3.00 cumulative GPA

Students must maintain at least a 3.00 cumulative GPA from admittance through graduation.

Change of Major Requirements:

Students must have completed all critical courses for the BS in psychology (ENG 101, ENG 102, MAT 119 or MAT 170, PSY 101, PSY 230, PSY 290) with a "C" (2.00 on a 4.00 scale) or better, and have earned at least 45 earned credit hours.

Students must maintain a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") from admittance through graduation.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAPGSPSBS~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

The bachelor's degree program in psychology with a concentration in psychological science prepares students who aspire to careers as researchers, teachers or clinicians, or who wish to pursue graduate study. The program is also ideal preparation for professional postgraduate programs in the fields of law and medicine.

Contact Information:

Liberal Arts & Sciences, The College of
Department of Psychology
<https://psychology.asu.edu/content/psychology-psychological-science>
PSY 202
psych.advisor@asu.edu
480-965-7258

Religious Studies, BA (LARELBA)

Campus: Tempe, Online

ASU is not currently accepting applications for this program. Interested students should apply to the concentration in religion, culture and public life (<https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/LARELCPBA/undergrad/false>) or the concentration in religion, politics and global affairs (<https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/LARELPGBA/undergrad/false>).

Program Description:

Religion is an important part of human experience. Religious understanding informs and shapes politics, literature, philosophy, art and science as well as the daily life of millions around the globe. An understanding of religious traditions is critical to understanding our shared past and present and to navigating toward our shared future.

Students who pursue the BA in religious studies come from a wide diversity of faiths, cultural backgrounds and intellectual interests. What many find fascinating and exciting about religious studies is that it draws from a wide variety of disciplines --- history, philosophy, anthropology, literature, political science and theology, to name a few. Course offerings reflect a diversity of approaches (historical, anthropological, ethical and theological), regions (North America, South America, Europe, Middle East, Africa, South Asia and Southeast Asia) and traditions (Buddhism, Christianity, Hinduism, Islam, Judaism and Native American traditions).

Students currently enrolled in the BA in religious studies may not pursue a concurrent degree with the BA in religious studies (religion, politics and global affairs) or religious studies (culture and public life) due to the high level of overlap in curriculum. Students should speak with their academic advisor for any further questions.

Additional Program Fee: Y

Second Language Requirement: Yes

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/religious-studies-religion-culture-and-public-life-ba/>)

Change of Major Requirements: A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LARELBA~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about

these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Students interested in careers in local, state, regional and national communities find transdisciplinary encouragement and support in the BA degree program in religious studies.

Students who are attracted to international study find the undergraduate program rich in multicultural coursework and study abroad opportunities.

Religious studies students find many opportunities for practical experience leading to careers in the academic study of religion, in public service, in governmental and nongovernmental agencies, and in professional careers in a variety of organizations, including all of the helping professions.

Graduates have gone on to careers in such fields as diplomacy, development and teaching or have pursued professional degrees in areas such as law, public policy and counseling.

Contact Information:

Liberal Arts & Sciences, The College of
Historical, Philosophical & Religious Studies, Sch
<https://shprs.asu.edu/node/159>
COOR 3307
SHPRSadvising@asu.edu
480-965-8364

Religious Studies (Religion, Culture and Public Life), BA (LARELCPBA)

Campus: Tempe, Online

Accelerated options for this program are not currently available to ASU Online students.

Program Description:

The BA in religious studies with a concentration in religion, culture and public life approaches religion as a mode of human culture, as constituted in intellect, language, emotion, practice, art and everyday life.

The program focuses on the role religions play in the formation of cultural identities, traditions, norms and memories, and it examines in particular the impact religions have on culturally specified ways people reason, communicate, socialize, work, entertain, dress, eat, live and die. Special consideration is given to the influence of religion on gender roles and sexual norms; the formation of images of the body and the moral assessment of medical practices; and the reflection and reproduction of religion in film, popular culture, and conventional, digital and social media.

The concentration addresses present-day interests and prepares students for jobs in a variety of professions, including education, journalism, media studies, gender studies, health care, politics, law, education, migration and international studies.

Students currently enrolled in the Bachelor of Arts in religious studies (religion, culture and public life) may not pursue a concurrent degree with the BA in religious studies or the BA in religious studies (religion, politics and global affairs) due to the high level of overlap in curriculum. Students should speak with their academic advisor for any further questions.

Additional Program Fee: Y

Second Language Requirement: Yes

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Global Management (Creative Industries and Design Thinking), MGM
- Global Management (Digital Audience Strategy), MGM
- Global Management (Global Affairs), MGM
- Global Management (Global Business), MGM
- Global Management (Global Development and Innovation), MGM
- Global Management (Global Digital Transformation), MGM
- Global Management (Global Entrepreneurship), MGM
- Global Management (Global Health Care Delivery), MGM
- Global Management (Global Legal Studies), MGM
- Global Management (Nonprofit Leadership and Management), MGM
- Global Management (Public Administration), MGM

Global Management (Public Policy), MGM
Global Management (Sustainability Solutions), MGM
Global Management (Sustainable Tourism), MGM
Global Management, MGM

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/religious-studies-religion-culture-and-public-life-ba/>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LARELCPBA~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Religious studies majors seek jobs in many professional areas, including:

- chaplaincy
- diversity management
- education
- foreign service
- health care
- journalism
- law
- mental health and counseling
- nonprofit organizations
- nongovernmental organizations
- public policy
- public service
- publishing

Religious studies is an excellent foundation for graduate and professional studies in:

- anthropology
- gender studies
- health care
- history
- law
- justice studies
- philosophy
- political science
- sociology
- theology

Contact Information:

Liberal Arts & Sciences, The College of
Historical, Philosophical & Religious Studies, Sch
<https://shprs.asu.edu/content/religious-studies-religion-culture-and-public-life>
COOR 3307
SHPRSadvising@asu.edu
480-965-8364

Religious Studies (Religion, Politics and Global Affairs), BA (LARELPGBA)

Campus: Tempe, Online

Accelerated options for this program are not currently available to ASU Online students.

Program Description:

The BA program in religious studies with a concentration in religion, politics and global affairs considers how the study of religion expands the understanding of political culture, communal formation, governance, nationalism, statehood and citizenship in both domestic and global contexts.

Students explore the role religion has in shaping political values, social movements, civic organizations and communal norms, with particular attention on how religion impacts issues of health, the environment, migration, peace, conflict, violence and various issues of social justice. Special consideration is given to the religious intersections of nationality, ethnicity, race, gender and other vital facets of human community and identity.

Students currently enrolled in the Bachelor of Arts in religious studies (religion, politics and global affairs) may not pursue a concurrent degree with the BA in religious studies or the BA in religious studies (religion, culture and public life) due to the high level of overlap in curriculum. Students should speak with their academic advisor for any further questions.

Additional Program Fee: Y

Second Language Requirement: Yes

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Global Management (Creative Industries and Design Thinking), MGM
- Global Management (Digital Audience Strategy), MGM
- Global Management (Global Affairs), MGM
- Global Management (Global Business), MGM
- Global Management (Global Development and Innovation), MGM
- Global Management (Global Digital Transformation), MGM
- Global Management (Global Entrepreneurship), MGM
- Global Management (Global Health Care Delivery), MGM
- Global Management (Global Legal Studies), MGM
- Global Management (Integrated Health Care), MGM
- Global Management (Nonprofit Leadership and Management), MGM
- Global Management (Public Administration), MGM
- Global Management (Public Policy), MGM
- Global Management (Sustainability Solutions), MGM
- Global Management (Sustainable Tourism), MGM
- Global Management, MGM

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the Academic Catalog Archive 2020-2021

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program description and request more information here. (<https://asuonline.asu.edu>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LARELPGBA~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Religious studies majors seek jobs in many professional areas, including:

- chaplaincy
- diversity management
- education
- foreign service
- health care
- journalism
- law
- mental health and counseling
- non-profit organizations
- non-governmental organizations
- public policy
- public service
- publishing

Religious studies is an excellent foundation for graduate and professional studies in:

- anthropology
- gender studies
- health care
- history
- law
- justice studies
- philosophy
- political science
- sociology
- theology

Contact Information:

Liberal Arts & Sciences, The College of
Historical, Philosophical & Religious Studies, Sch
<https://shprs.asu.edu/content/religious-studies-religion-politics-and-global-affairs>
COOR 3307
SHPRSadvising@asu.edu
480-965-8364

Russian, BA (LARUSBA)

Campus: Tempe

Program Description:

The BA program in Russian offers students a unique opportunity to study the language, literature and culture of Russia. Students in the program gain intermediate to advanced reading, writing, and oral and aural Russian language skills.

The Russian language program also partners with the Melikian Center to offer a transdisciplinary baccalaureate certificate in Russian, Eurasian and East European Studies for students in agribusiness, anthropology, architecture, economics, geography, history, political science, religious studies,
Academic Catalog Archive 2020-2021 2019

Russian, sociology and women's studies.

Students of Russian are encouraged to take advantage of an ASU exchange program in Russian language and translation by spending a semester or year in Moscow, St. Petersburg or Kazan. For more information, students should visit <https://mystudyabroad.asu.edu/> (<https://mystudyabroad.asu.edu/>).

Additional Program Fee: Y

Second Language Requirement: Yes

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Global Management, MGM

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LARUSBA-null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Despite the fall of the Soviet Union, Russia has remained an active player in world affairs. Russia's continued presence on the current international stage makes knowledge of Russian language and culture a valuable asset for students interested in government, diplomacy and international affairs and commerce. Knowledge of multiple languages and intercultural competencies enhance any occupation and offers graduates many career opportunities.

Career fields and occupations using languages include:

- administration of nongovernmental organizations
- advertising and marketing
- airlines
- cultural advisor
- diplomatic and foreign service
- domestic and international business
- film, television and multimedia
- foreign correspondent and journalist
- hotel and resort management
- intelligence
- international banking
- international education and study abroad administration
- international law
- interpreting and translation

- medicine and health professions
- military
- ministry
- public relations
- publishing
- social work
- teaching and research
- travel and tourism
- technology industries

Additional education and certification may be required for some career paths.

Contact Information:

Liberal Arts & Sciences, The College of
 School of International Letters and Cultures
<https://silc.asu.edu/degrees/undergrad>
 LL 440
silcadvising@asu.edu
 480-965-6281

Sociology, BS (LASOCBS)

Campus: Tempe, Online

Program Description:

Sociology is the study of social life, social change and the social causes and consequences of human behavior. The BS program in sociology offers courses on contemporary social issues that range from crime to population trends. Sociology courses also explore social institutions such as family, education, religion and the workplace. Students develop proficiency in written communication, computer skills, statistical analysis and research methodology.

Students currently enrolled in the Bachelor of Science in sociology may not pursue a concurrent degree with the BS in family and human development due to the high level of overlap in curriculum. Students should speak with their academic advisor for any further questions.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

- General University Admission Requirements:
 All students are required to meet general university admission requirements.
 Freshman (<https://students.asu.edu/freshman/requirements>)
 Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)
 International (<https://students.asu.edu/international/future>)
 Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-sociology/>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LASOCBS-null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about

these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

An undergraduate degree in sociology provides excellent preparation for future graduate work in:

- law
- health-related professions
- social work and counseling
- sociological research

The degree also prepares undergraduates for direct entry into positions in:

- business
- government
- social service

Contact Information:

Liberal Arts & Sciences, The College of
Sanford School of Social and Family Dynamics
<https://thesanfordschool.asu.edu/>
SS 144
advisor@asu.edu
480-965-6978

Spanish, BA (LASPABA)

Campus: Tempe, Online

Program Description:

Students pursuing a BA degree in Spanish have the opportunity to gain reading, speaking and writing proficiency in the language. The Tempe campus program offers two study options: the Spanish linguistics track and the Spanish literature and culture track.

The linguistics track provides an in-depth understanding of the Spanish language while the literature and culture track addresses issues throughout the Spanish-speaking world as seen through the lenses of Spanish language, culture and literature.

A Bachelor of Arts in Spanish is also available for ASU Online students; it combines courses from both the linguistics track and the literature and culture track.

Students are encouraged to contact a school advisor to discuss which option is best for them. Throughout the year, through study abroad and exchange programs, ASU offers opportunities to study in countries in which Spanish is spoken. More information regarding study abroad opportunities is available at <https://mystudyabroad.asu.edu/> (<https://mystudyabroad.asu.edu/>).

Additional Program Fee: Y

Second Language Requirement: Yes

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Global Management, MGM
- Language Teaching, MA
- Spanish, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-spanish/>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LASPABA~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Knowledge of multiple languages and intercultural competencies enhance any occupation and offer graduates many career opportunities.

Language-intensive careers include:

- foreign correspondent or media professional
- foreign service officer
- health professional
- intelligence officer
- international banking and finance professional
- international business
- language teacher
- law and immigration professional
- multilingual administrative professional
- NGO professional
- professor of language, literature and culture
- social services professional
- translator or interpreter
- travel professional

Career fields in which knowledge of diverse languages and cultures is valuable include:

- advertising, marketing or communications
- airline industry
- film, television or multimedia
- hospitality industry
- hotel and resort management
- intelligence
- international education and study abroad administration
- international law
- military
- ministry

Additional education or certification may be required for some career paths.

Contact Information:

Liberal Arts & Sciences, The College of
School of International Letters and Cultures
<https://thecollege.asu.edu/content/spanish>
LL 440
silcadvising@asu.edu
480-965-6281

Campus: Tempe, Online

Program Description:

In ASU's three-year BS degree program in technological leadership, students learn complex problem-solving, critical thinking and leadership through an interdisciplinary blend of classroom learning and hands-on projects. Coursework focuses on individual- and team-based inquiry and design, intensive summer internships and fundamental skills in writing, math and coding.

The heart of this major consists of classes in inquiry and making, taken each semester. In inquiry classes, students use an innovative inquiry process to solve big questions both independently and in teams; examples include "What will the moon look like after human settlement?" and "What is the future of cars?" In making classes, students use similar processes with software and lab tools to create physical products that fill urgent material gaps in the world of science and technology.

Graduates are prepared to succeed in an array of endeavors, whether a direct path to an empowered career in the workforce in such areas as tech and finance industries, think tanks, and consulting firms or in earning an advanced degree before a career in academia.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 265 - Calculus for Engineers I

Program Math Intensity: Substantial

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/inquiry-based-learning-degree/>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LATECLDRBS~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates of this degree possess the critical thinking, collaborative problem-solving and leadership abilities required for success in fields like technology, business, law, human services and education that focus on solving complicated problems in a variety of disciplines.

Contact Information:

Liberal Arts & Sciences, The College of
Dean, The College of Liberal Arts and Sciences
<https://thecollege.asu.edu>
ARM 162
thecollege@asu.edu
480-965-6506

Transborder Chicana/o and Latina/o Studies (Media and Expressive Culture), BA (LATCLMBA)

Campus: Tempe

Program Description:

The BA program in transborder Chicana/o and Latina/o studies focuses on the political, cultural, economic, sociological, historical, psychological and artistic experiences of Mexican-origin and Latino populations in the United States and the U.S.-Mexico transborder region. Students explore the complexities of the Chicano and Latino experience on the U.S.-Mexico border and beyond, with implications for other border communities around the world.

In the media and expressive culture concentration, students focus their study on the cultures of Latino communities. Students learn about the cultural diversity of Chicano, Mexican, Puerto Rican, Cuban, Dominican, Central American and other Latino populations in the United States and their contributions to the arts by analyzing:

- film and the media
- history
- literature (novels, short stories, poetry)
- performance
- visual art

Additional Program Fee: Y

Second Language Requirement: Yes

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Concurrent Degrees:

This degree is also offered as concurrent degree program with Journalism and Mass Communication, BA

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Concurrent degree admission requirements:

Freshman applicants must meet all of the following standards:

- 3.75 minimum ABOR GPA
- no English competency deficiencies
- 1040 SAT Reasoning or 22 ACT score

Transfer Admission Requirements:

Transfer students must have a minimum cumulative GPA of 3.00 from a transfer institution.

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

ASU students who would like to change their majors to the concurrent program with journalism and mass communication must have a minimum cumulative GPA of 3.00 in 12 or more credit hours of ASU courses that can be used to satisfy the Cronkite School's nonelective General Studies requirements.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LATCLMBA~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

The media and expressive culture concentration equips students with analytical and communication skills vital to the pursuit of graduate work and various career paths including:

- education (administration and teaching)
- film and media
- law
- local, state and national government agencies
- nonprofit organizations
- public policy and administration
- social work
- the arts

Contact Information:

Liberal Arts & Sciences, The College of
School of Transborder Studies
<https://sts.asu.edu>
INTDSB 165
sts.undergrad@asu.edu
480-965-5091

Transborder Chicana/o and Latina/o Studies (Transborder Community Development and Health), BA (LATCLTBA)

Campus: Tempe

Program Description:

The BA degree program in transborder Chicana/o and Latina/o studies focuses on the political, cultural, economic, sociological, historical, psychological and artistic experiences of Mexican-origin and Latino populations in the United States and the U.S.-Mexico transborder region. Students understand the complexities of the Chicano and Latino experience on the U.S.-Mexico border and beyond, with implications for other border communities around the world.

In the transborder community development and health concentration, students focus their learning on the health inequalities and issues affecting Mexican-origin, Chicano and Latino communities. Students also develop an understanding of the relationship between the places where people live, play, work and heal and the impact they have on people's health and well-being. Overall, students are able to design, implement and evaluate community-based health programs.

Additional Program Fee: Y

Second Language Requirement: Yes

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Concurrent Degrees:

This degree is also offered as concurrent degree program with Journalism and Mass Communication, BA

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Concurrent degree admission requirements:

Freshman applicants must meet all of the following standards:

- 3.75 minimum ABOR GPA
- no English competency deficiencies
- 1040 SAT Reasoning or 22 ACT score

Transfer Admission Requirements:

Transfer students must have a minimum cumulative GPA of 3.00 from a transfer institution.

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

ASU students who would like to change their majors to the concurrent program with journalism and mass communication must have a minimum cumulative GPA of 3.00 in 12 or more credit hours of ASU courses that can be used to satisfy the Cronkite School's nonelective general studies requirements.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LATCLTBA~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

The transborder community development and health concentration equips students with theoretical and practical knowledge necessary for graduate work in professional fields such as law and medicine, as well as entry-level positions in:

- education (administration and teaching)
- local, state and national public and private health services
- nonprofit organizations
- public affairs
- public health
- public policy and administration
- social work

Contact Information:

Liberal Arts & Sciences, The College of
School of Transborder Studies
<https://sts.asu.edu/>
INTDSB 165
sts.undergrad@asu.edu
480-965-5091

Transborder Chicana/o and Latina/o Studies (US and Mexican Regional Immigration Policy and Economy), BA (LATCLUBA)

Campus: Tempe

Program Description:

The BA degree program in transborder Chicana/o and Latina/o studies focuses on the political, cultural, economic, sociological, historical,

psychological and artistic experiences of Mexican-origin and Latino populations in the United States and the U.S.-Mexico transborder region. Students explore the complexities of the Chicano and Latino experience on the U.S.-Mexico border and beyond, with implications for other border communities around the world.

In the U.S. and Mexican regional immigration policy and economy concentration, students focus their studies on policies and social practices contributing to the growing political and economic influence of Latinos in the U.S. and the U.S.-Mexico region. Students develop an understanding of the role of:

- border enforcement
- demographic change
- economic integration
- globalization
- immigration policy
- international migration
- regional development

Additional Program Fee: Y

Second Language Requirement: Yes

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Concurrent Degrees:

This degree is also offered as concurrent degree program with Journalism and Mass Communication, BA

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Concurrent degree admission requirements:

Freshman applicants must meet all of the following standards:

- 3.75 minimum ABOR GPA
- no English competency deficiencies
- 1040 SAT Reasoning or 22 ACT score

Transfer Admission Requirements:

Transfer students must have a minimum cumulative GPA of 3.00 from a transfer institution.

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

ASU students who would like to change their majors to the concurrent program with journalism and mass communication must have a minimum cumulative GPA of 3.00 in 12 or more credit hours of ASU courses that can be used to satisfy the Cronkite School's nonelective general studies requirements.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LATCLUBA~null + &college=CLA>) to outline a list of

recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

The U.S. and Mexican regional immigration policy and economy concentration equips students with skills and knowledge necessary for graduate work in fields such as law, as well as career opportunities in:

- education (administration and teaching)
- local, state and national government agencies
- public affairs
- public policy and administration
- social work and nonprofit organizations

Contact Information:

Liberal Arts & Sciences, The College of
School of Transborder Studies
<https://sts.asu.edu/>
INTDSB 165
sts.undergrad@asu.edu
480-965-5091

Urban Planning, BSP (ARPUBSP)

Campus: Tempe, Online

Program Description:

The urban planning program introduces students to issues faced by urban areas and the tools necessary to address them. Urban planners guide communities in making wise decisions about their use of land and resources.

The BSP program in urban planning provides students with expertise in both the analysis and the synthesis of the physical, social, political and economic issues that shape urban and regional development. Planning encompasses:

- computer and research methods
- environmental impact assessment
- geographic information systems
- housing
- landscape architecture and urban design
- planning and zoning law
- public policy formulation and administration
- transportation
- urban and development economics
- utilities

Students take courses that include:

- comprehensive planning
- computer and analytical methods
- planning law
- public policy formulation and administration
- site planning
- socioeconomic and environmental analyses
- urban design

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and

master's degree with:

Urban and Environmental Planning, MUEP

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-urban-planning/>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ARPUPBSP-null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates of urban planning pursue career opportunities with private planning firms and governmental planning agencies, mainly at the city level, but also with county, state and federal entities. Some planners elect to pursue graduate degrees to develop specialty skills and to enhance their opportunities for career advancement. The urban planning degree, especially when combined with a focus on geographic information science, gives graduates an advantage in careers that combine urban planning with GIS and in other jobs dealing with urban issues, including:

- comprehensive and long-range planning
- economic development planning
- housing issues
- planning law
- public participation in the planning process
- socioeconomic and environmental analyses
- sustainable planning
- transportation

Contact Information:

Liberal Arts & Sciences, The College of

School of Geographical Sciences and Urban Planning

<https://sgsup.asu.edu/degree-programs/undergraduate-degrees/urban-planning>

COOR 5681

SGSUP.advising@asu.edu

480-965-7533

Women and Gender Studies, BA (LAWSTBA)

Campus: Tempe, Online

Program Description:

Through coursework and scholarly research, students in the women and gender studies program gain critical knowledge and a deeper understanding of feminist theory and practice. Students are offered the opportunity to challenge conventional wisdom about gender and explore new ways of viewing the world through the study of:

- culture
- economics
- film
- history
- literature
- politics
- science

Additional Program Fee: Y

Second Language Requirement: Yes

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Science and Technology Policy, MSTP

Women and Gender Studies, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-women-and-gender-studies/>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAWSTBA-null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

The women and gender studies degree program prepares students for many different career opportunities upon graduation. Graduates of the program are also well prepared for graduate and law school and have been admitted to prestigious programs.

Our graduates obtain careers in a wide array of fields, including:

- consulting
- counseling
- education
- government
- health care
- law
- nonprofit
- women's advocacy

Contact Information:

Liberal Arts & Sciences, The College of
School of Social Transformation
<https://sst.asu.edu/women-and-gender-studies>
WILSN 125
SSTadvising@asu.edu
480-965-7682

Nursing and Health Innovation, Edson College of

Applied Science (Health Entrepreneurship and Innovation), BAS (NUHCIBAS)

Campus: Downtown Phoenix, West, Online

Program Description:

The BAS with a concentration in health entrepreneurship and innovation is designed for students with an AAS degree who want to lead transformative change in health through the creation of new products, processes and systems.

Students have the opportunity to examine current evidence-based practice and health care policy through a lens of innovation using an integrated systems perspective, and they hone the skills necessary to be a leader of innovation in a health care context.

Students with health-related backgrounds who would like to learn more about innovation and leadership within health care organizations may be interested in the health entrepreneurship and innovation concentration. Students with an Associate of Applied Science degree in business or a related field may also have interest if they have employment experience in the health industry.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: Any math course with the MA general studies designation will satisfy the math requirement.

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Aging, MS

Healthcare Innovation, MHI

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Students must have an Associate of Applied Science from a regionally accredited institution to be eligible for admission to Bachelor of Applied Science programs at Arizona State University.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/health-innovation-bas/>)

Change of Major Requirements:

Students with an Associate of Applied Science degree in health, business or a related field are eligible to change their ASU major to this applied science program (health entrepreneurship and innovation).

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer

Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=NUHCIBAS~null + &college=CNU>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Primary career opportunities include health care administrators and health care managers as well as:

- entrepreneurs
- health architects
- health care administrator
- health care strategists, advisors, project managers and administrators
- health innovation consultant
- health product and service managers
- health system designers
- intrapreneurs --- managers responsible for promoting innovative product development and marketing
- public relations experts in health

Contact Information:

Nursing and Health Innovation, Edson College of

Edson College of Nursing and Health Innovation

<https://nursingandhealth.asu.edu/programs/bas/applied-science-health-entrepreneurship-and-innovation>

HLTHN 113

asu.hci@asu.edu

602-496-0937

Community Health, BS (NUCHLTBS)

Campus: Downtown Phoenix, West, Online

Program Description:

The BS program in community health develops leaders who are dedicated to addressing health challenges at their source while also creating partnerships to leverage resources. This program is designed for students who want to create healthy, sustainable communities.

Community health professionals work in partnership to address health needs of diverse populations. Students learn to understand the components of a healthy, sustainable community; advocate for diverse individuals, families and communities; and provide health education, health promotion and service coordination.

Graduates of this program provide health education, health promotion, care coordination, disease management, health care navigation and advocacy services for individuals, families and communities.

This degree program has the same prerequisites as the nursing major; therefore, students may transition seamlessly to this program and obtain a bachelor's degree in a health-related field.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Aging, MS

Healthcare Innovation, MHI

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-community-health/>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=NUCHLTBS~null + &college=CNU>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates may obtain employment as:

- community health managers
- community health outreach specialists
- health care navigators
- health promotion evaluators
- health services administrators

Contact Information:

Nursing and Health Innovation, Edson College of
Edson College of Nursing and Health Innovation
<https://nursingandhealth.asu.edu/programs/bs/community-health>
HLTHN 113
asu.ch@asu.edu
602-496-0937

Health Care Compliance and Regulations, BS (NUHCCRBS)

Campus: Downtown Phoenix, Online

Program Description:

The BS program in health care compliance and regulations is the first undergraduate degree program in the U.S. dedicated to the education and training of compliance specialists in the health care environment. This program offers students the opportunity to learn best practices from business, regulatory, ethics and the medical industry to channel into a career in health care compliance.

This program is ideal for anyone interested the ethical, regulatory and business sides of the health care industry. Program areas of emphasis:

- accreditation standards, auditing and policies
- analyzing data for investigations and decision making
- data privacy and security
- getting to root cause and collaborating on solutions
- project participation and management
- revenue cycle including current billing and coding procedures
- understanding compliance policies, laws and regulations

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 117 - College Algebra

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/health-care-compliance-and-regulations-bs/>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transferecreditguide/app/transfermap?major=NUHCCRBS-null + &college=CNU>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates may be employed as:

- compliance analyst
- compliance leads/trainers for health care operations (revenue, clinical care, research, education)
- health care or hospital compliance analyst or specialist
- health care or hospital regulatory affairs analyst or specialist
- HIPAA privacy compliance analyst or specialist
 - internal auditor, claims auditor, audit response lead
- Medicare/Medicaid compliance analyst or specialist
- special investigation unit analyst or specialist
- regulatory compliance specialist

Contact Information:

Nursing and Health Innovation, Edson College of

Edson College of Nursing and Health Innovation

<https://nursingandhealth.asu.edu/programs/bs/health-care-compliance-and-regulations>

HLTHN 113

asu.hccr@asu.edu

602-496-0937

Health Care Coordination, BS (NUHCCOBS)

Campus: Downtown Phoenix, West, Online

Program Description:

The BS program in health care coordination prepares students to effectively coordinate resources to optimize individual health outcomes.

Through coursework, students build a thorough understanding of health care systems, community and public health, community resources, health education and health advocacy.

The program emphasizes patient advocacy and education, the resources available from community and public health services, and the role of health policy and financing in modern health care.

Graduates of the program are prepared to work with an interdisciplinary team to utilize resources, provide health education and advocate for the patient when it is needed the most.

This degree program uses the same prerequisites as the nursing major; therefore, students may transition seamlessly to this program and obtain a bachelor's degree in a health-related field.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Aging, MS

Healthcare Innovation, MHI

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-health-care-coordination/>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=NUHCCOBS~null + &college=CNU>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates of this program provide health care coordination, health advocacy and health education services to individuals and families. Program graduates may obtain employment as:

- care coordinators
- health advocates
- health care coordinators
- health care navigators
- health educators
- health resource managers

Contact Information:

Nursing and Health Innovation, Edson College of

Edson College of Nursing and Health Innovation

<https://nursingandhealth.asu.edu/programs/bs/health-care-coordination>

HLTHN 113

asu.hcc@asu.edu

602-496-0937

Health Entrepreneurship and Innovation, BS (NUHCIBS)

Campus: Downtown Phoenix, West, Online

Program Description:

The BS program in health entrepreneurship and innovation provides students with a broad background in the principles of innovation, leadership, complexity science, change theory, collaboration and evidence-based decision-making to prepare graduates to manage implementation of innovation in the health care arena.

Through the use of evidence-based decision-making and leadership skills in interprofessional teams, graduates are ready to tackle health care challenges using modern technology, public policy and communication. This unique program situates students at the intersection of innovation and entrepreneurship, enabling them to develop their own solutions to health challenges.

Program areas of emphasis:

- develop competence in the design, application and testing of innovative processes and products
- incorporate current trends with interprofessional teams
- lead processes of innovation and transformation

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

OR MAT 117 - College Algebra

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Aging, MS

Healthcare Innovation, MHI

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/health-innovation-bs/>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=NUHCIBS~null + &college=CNU>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates may be employed as:

- entrepreneurs

- health architects
- health care administrator
- health care strategists, advisors, project managers and administrators
- health innovation consultant
- health product and service managers
- health system designers
- intrapreneurs --- managers responsible for promoting innovative product development and marketing
- public relations experts in health

Contact Information:

Nursing and Health Innovation, Edson College of
 Edson College of Nursing and Health Innovation
<https://nursingandhealth.asu.edu/programs/bs/health-entrepreneurship-innovation>
 HLTHN 113
 asu.hci@asu.edu
 602-496-0937

Integrative Health, BS (NUIHLTBS)

Campus: Downtown Phoenix, West, Online

Program Description:

The BS program in integrative health provides students a foundation in integrative health, a holistic approach to wellness that focuses on the mind, body and spirit.

Through innovative and interprofessional approaches to serving and supporting diverse populations, students learn to differentiate the ethics, legalities and standards of practice of integrative health and to think critically about different therapies, modalities and practitioners. Coursework and experiences include an emphasis on research and evidence-based practices and gaining an understanding of the historical and cultural foundations of the integrative health field.

Students learn to understand the ethics, legalities and standards of practice of integrative health; think critically about different therapies, modalities and practitioners.

This degree program has the same prerequisites as the nursing major; therefore, students may transition seamlessly to this program and obtain a bachelor's degree in a health-related field.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to choose either a 2.5- or a 3-year path while participating in the same high-quality educational experience of a 4-year option. Students can opt to fast-track their studies after acceptance into a participating program by connecting with their academic advisor. Fast track options appear at the top of the major map.

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Aging, MS

Healthcare Innovation, MHI

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-integrative-health/>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transferecreditguide/app/transfermap?major=NUIHLTBS~null + &college=CNU>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates are qualified for a career as a patient representative for integrative health, which involves assisting patients in obtaining services and in understanding policies, and in making health care decisions regarding integrative health.

Graduates may be employed in hospitals, doctor offices, wellness and fitness centers, as well as holistic centers. Program graduates may obtain employment as:

- health educators
- health services administrators
- health specialists
- office managers
- program managers
- project directors

Contact Information:

Nursing and Health Innovation, Edson College of
Edson College of Nursing and Health Innovation
<https://nursingandhealth.asu.edu/programs/bs/integrative-health>
HLTHN 113
asu.ih@asu.edu
602-496-0937

Nursing, BSN (NUNURDBSN)

Campus: Downtown Phoenix, ASU@The Gila Valley, Online

Program Description:

Through a curriculum centered upon evidence-based practice, clinical reasoning, innovation, interprofessional communication and information technology, the BSN degree program prepares students to provide high-quality professional nursing care. The Bachelor of Science in Nursing may be earned through several unique pathways.

Traditional Prelicensure BSN Nursing Program

The traditional prelicensure clinical nursing program is a full-time, upper-division nursing program designed for students who wish to become a registered nurse by completing a Bachelor of Science in nursing. The program has three start dates per year --- in spring, summer and fall and it may be completed in a 16-month year-round schedule or a 24-month academic year schedule. Graduates are eligible to sit for the National Council Licensure Examination to gain licensure as a registered nurse.

Students advance into the program in one of two ways: direct admission or the competitive advancement process. Direct admission is offered to incoming first-time freshman who meet specific admission criteria. Students admitted directly must meet continuing eligibility criteria while attending ASU to advance into the upper-division nursing program. Directly admitted nursing students who do not meet continuing eligibility criteria, transfer students or ASU students who are changing majors may apply for advancement to the upper-division nursing program by competing for any remaining spaces. More information can be found at <https://nursingandhealth.asu.edu/programs/bsn/traditional> (<https://nursingandhealth.asu.edu/programs/bsn/traditional>).

Accelerated BSN Clinical Nursing Program

The accelerated BSN clinical nursing program is a full-time, 12-month upper-division clinical nursing program designed for students who wish to become a registered nurse by completing a BSN. Selection is competitive and students start the program in the spring semester.

Students pursuing advancement to the accelerated BSN clinical nursing program complete prerequisite coursework and apply for advancement to the program. Graduates are eligible to sit for the National Council Licensure Examination to gain licensure as a registered nurse. More information can be found at <https://nursingandhealth.asu.edu/programs/bsn/postbaccalaureate> (<https://nursingandhealth.asu.edu/programs/bsn/postbaccalaureate>).

Online RN to BSN Program

The online RN to BSN program is available online to students who have earned an associate degree in nursing and have a current RN license in good standing with the state board of nursing. The RN to BSN program courses are offered online in 7.5-week sessions and can be completed in 14 to 24 months. There are five starts per year: two in the fall, two in the spring and one in the summer. Assignments may include readings, discussions, papers, presentations and practical application activities completed wherever the student resides.

Transfer pathway agreements are in place with all community colleges in Arizona, which provide additional benefits to students. The RN to BSN program does not have approval from the boards of nursing in Tennessee, Rhode Island or Washington to be offered to RNs licensed in those states. More information can be found at <https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-nursing-rn-bsn/> (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-nursing-rn-bsn/>).

Concurrent Enrollment Program

The concurrent enrollment program pathway is available to students enrolling in or already enrolled in any regionally accredited associate degree program in nursing that leads to NCLEX-RN licensure. This program is designed for qualified nursing students who are interested in earning their Bachelor of Science in nursing while simultaneously pursuing their associate degree in nursing. Selected students enroll in the community college program and ASU CEP courses at the same time (concurrently). CEP courses taken at ASU are delivered in an online format. More information can be found at <https://nursingandhealth.asu.edu/programs/bsn/cep> (<https://nursingandhealth.asu.edu/programs/bsn/cep>).

Eastern Arizona College Partnership

The ASU and Eastern Arizona College partnership offers a concurrent enrollment program pathway for qualified students pursuing an Associate of Applied Science in nursing from any of the three EAC campuses while simultaneously earning a Bachelor of Science in Nursing from ASU. Courses in this program are delivered in a hybrid format on the Thatcher campus. More information can be found at <https://nursingandhealth.asu.edu/admissions/eastern-arizona-college> (<https://nursingandhealth.asu.edu/admissions/eastern-arizona-college>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Nursing, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

The admission standards for majors in the Edson College of Nursing and Health Innovation are higher than minimum university standards. Effective Fall 2021, freshmen admission requirements are: top 10% of high school graduating class or 3.50 in ASU competency courses (based on 4.00 grading scale) AND no math or science deficiencies.

OR

top 25% of high school graduating class or 3.30 GPA in ASU competency courses AND either a 24 ACT or 1170 SAT combined evidence-based reading and writing plus math score.

Freshmen should select an additional major when applying for admission.

English language proficiency for applicants whose native language is not English:

- minimum score of 540 (paper-based), 207 (computer-based), or 76 (internet-based) on the TOEFL
- minimum overall band of 6.5 with no band below 5.5 on the IELTS.

Students not admissible directly to the BSN Nursing program will be placed into the BS program in community health.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-nursing-rn-bsn/>)

Change of Major Requirements:

Current ASU students interested in changing to this program would need to apply for the upper division clinical nursing program through an advancement application process. Space is limited, and selection is based upon GPA and score earned on the TEAS. Students should speak with an advisor in the College of Nursing and Health Innovation for more information on how to change a major to this program.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercrreditguide/app/transfermap?major=NUNURDBSN-null + &college=CNU>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates deliver nursing care to individuals, families and communities. Completion of this degree program also prepares individuals for entrance into graduate study in nursing at the master's or doctoral degree levels, which is essential for teaching, administration, clinical specialization and research.

Contact Information:

Nursing and Health Innovation, Edson College of
 Edson College of Nursing and Health Innovation
<https://nursingandhealth.asu.edu/programs/bs/nursing>
 HLTHN 113
 conhi_undergrad@asu.edu
 602-496-0937

Public Service and Community Solutions, Watts College of

Applied Science (Emergency Management), BAS (PPEMGBAS)

Campus: Downtown Phoenix

Program Description:

The BAS program with a concentration in emergency management is a flexible, 60 credit hour degree program.

The curriculum is designed specifically for students who have earned an AAS; students applying to this program must have completed an Associate of Applied Science from a regionally accredited institution.

The required capstone class provides experience to students through coordinated internships.

This program is not available to freshmen.

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus

all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements: Students applying to this program must have completed an Associate of Applied Science degree from a regionally accredited institution. This program is not available for freshmen.

Change of Major Requirements:

A current ASU student must have completed an Associate of Applied Science from a regionally accredited institution to change to this major.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPEMGBAS-null + &college=CPP>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

The degree in emergency management opens the door to a challenging career as a professional emergency manager. The advancement of technology has created the potential for more devastating disasters than ever before. As a result, there is an increasing demand for emergency managers who have a solid foundation in scientific and technical disciplines as well as management skills.

Contact Information:

Public Service and Community Solutions, Watts College of
School of Public Affairs

<https://spa.asu.edu/emergencymanagement>

UCENT 400

spa@asu.edu

602-496-0450

Community Advocacy and Social Policy, BA (PPCASPBA)

Campus: Downtown Phoenix, West, Online

Program Description:

The BA program in community advocacy and social policy focuses on advocacy strategies through an in-depth exploration, analysis and comparison of social service systems and policies from an empowerment perspective.

The program's emphasis is on examining the needs of individuals, families and communities that have been historically under-served. Policy analysis and social change are critical themes in developing an advocacy knowledge base as are the equally important themes of prevention and social well-being. Students complete courses in two core areas: diversity and oppressed populations and social issues and interventions.

This degree prepares students to pursue graduate education. While the Bachelor of Arts in community advocacy and social policy program is fully accredited regionally under the North Central Regional Higher Education Association, it is not accredited through the Council of Social Work Education because this degree is not a BSW degree. Therefore, the Bachelor of Arts in community advocacy and social policy degree would not fulfill a professional licensing requirement that requires a Bachelor of Social Work degree from a CSWE-accredited Bachelor of Social Work program.

Additional Program Fee: Y
Second Language Requirement: N
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (<https://students.asu.edu/freshman/requirements>)
Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)
International (<https://students.asu.edu/international/future>)
Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-community-advocacy-and-social-policy/>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPCASPBA~null + &college=CPP>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates are prepared for employment in the social services arena, such as performing basic case management (benefit processing or certification); staffing hotlines or warmlines; referral, recruitment and volunteer coordinator positions; and prevention and education. In addition, advocate positions are part of many organizations and areas, such as hospitals and the behavioral health system. This degree program also prepares students to pursue graduate education.

Contact Information:

Public Service and Community Solutions, Watts College of
School of Social Work
<https://socialwork.asu.edu>
UCENT 800
social.work@asu.edu
602-496-0800

Community Development, BA (PPCOMDEVBA)

Campus: Downtown Phoenix

Program Description:

The BA in community development is a degree program that equips students with tools to collaborate with, empower and educate diverse community constituents by drawing on grassroots and inclusive frameworks such as sustainable development, social and environmental justice, participatory democracy, and social accounting. This degree program serves students seeking to enter the workforce immediately upon graduation as well as those who seek to go onto graduate study.

Additional Program Fee: Y
Second Language Requirement: Y
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPCOMDEVBA-null + &college=CPP>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

The U.S. Bureau of Labor Statistics indicates that employment for social and community service managers is projected to grow at a 10% rate. Students who complete this program can be expected to pursue employment in community service-oriented careers within the public or private sector. These may include: public relations and fundraising management, social and human service, community recreation, urban and regional planning, human well-being centered real estate and property development, and community health, or serving as community and social service specialists.

In addition to having the opportunity to pursue employment in various sectors, students who complete this program can pursue graduate studies in areas such as nonprofit management, community resources and development, social work, or public affairs, as well as in criminology and criminal justice.

Contact Information:

Public Service and Community Solutions, Watts College of

School of Community Resources and Development

<https://scrd.asu.edu/content/degree-programs>

UCENT 550

scrdadvising@asu.edu

602-496-0550

Community Sports Management, BS (PPCSMBS)

Campus: Downtown Phoenix

Program Description:

The BS program in community sports management focuses on preparing individuals for employment within nonprofit, municipal and for-profit organizations that specialize in youth development through sports as well as health and well-being of adults and seniors through sports.

The program emphasizes the many roles community sport plays within the community including as a mechanism to improve overall quality of life, youth development, sport tourism and community development. Both program delivery and managerial functions are targeted. Specific areas of opportunity include work with youth sports, adaptive sports, sports tourism, sport events and adult recreational sports.

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (<https://students.asu.edu/freshman/requirements>)
Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)
International (<https://students.asu.edu/international/future>)
Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPCSMBS-null + &college=CPP>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Numerous career opportunities exist within community sports. Sport programs for youth and adults are offered by city parks and recreation departments, nonprofit organizations such as the Boys and Girls Club or the YMCA and local nonprofit and for profit sport clubs. In addition, many communities have sport tourism organizations and sport programs offered through adaptive or therapeutic sports programs such as Special Olympics, Wounded Warriors Project and Ability 360.

Possible positions for graduates of this major include sport supervisors, programmers and managers in local park and recreation departments, nonprofit organizations (e.g., YMCA, Boys and Girls Club), as well as community relations and programming positions with professional and local sport organizations.

Contact Information:

Public Service and Community Solutions, Watts College of
School of Community Resources and Development
<https://scrd.asu.edu>
UCENT 550
scrdadvising@asu.edu
602-496-0550

Community Sports Management (Events), BS (PPCSMEBS)

Campus: Downtown Phoenix

Program Description:

The goal of the events concentration within the BS in community sports management degree is to expand students' expertise in the events field and create experts in event planning in the community sports sector. This concentration allows community sports management students to focus their electives in a cohesive way, thus providing a solid foundation from which to develop and produce events that contribute to the economic development and social capital stemming from sports, a driving force in Arizona and the metro Phoenix area.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPCSMEBS-null + &college=CPP>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Students with a background in managing community sports events can find employment with parks and recreation departments, nonprofit organizations, morale welfare and recreation departments in the armed forces, campus recreation departments, private sports organizations, and health and fitness clubs.

Contact Information:

Public Service and Community Solutions, Watts College of
School of Community Resources and Development

<https://scrd.asu.edu/content/degree-programs>

UCENT 550

scrdadvising@asu.edu

602-496-0550

Criminology and Criminal Justice, BS (PPCRIMJBS)

Campus: Downtown Phoenix, West, ASU@Lake Havasu, ASU@Yuma, Online

Program Description:

The BS program in criminology and criminal justice is for students who want to understand the causes of crime, the role of criminal justice agencies in the control of crime and the consequences of crime.

Students learn sociological, psychological, biological and economic explanations for individual crime as well as differences in crime across neighborhoods, states, countries and over time. They also learn about the history, legal issues and current practices of crime control via police agencies, the court system, prisons, probation and parole.

These topics are delivered by top-ranking research faculty who offer students hands-on research opportunities and by experienced criminal justice professionals with intimate knowledge of the daily realities of crime and criminals. Students are encouraged to take advantage of internship opportunities in more than 200 agencies, study abroad programs and flexible course scheduling offered in-person, online and across multiple campuses.

Students interested in completing the Bachelor of Science program in Yuma are encouraged to complete a MyPath2ASU program.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

OR MAT 117 - College Algebra

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to choose either a 2.5- or a 3-year path while participating in the same high-quality educational experience of a 4-year option. Students can opt to fast-track their studies after acceptance into a participating program by connecting with their academic advisor. Fast track options appear at the top of the major map.

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's

and master's degree with:

Criminal Justice, MA

Criminology and Criminal Justice, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Admission Requirements:

The MyPath2ASU[®] pathway allows Arizona transfer students to complete a prescribed sequence of courses that meet the requirements for the community college's Associate of Arts degree along with the lower-division requirements for the ASU major.

Students completing their ASU degree at Yuma: Once the MyPath2ASU[®] pathway requirements are complete, students complete the remaining requirements for the ASU bachelor's degree at the community college.

Students should visit <https://admission.asu.edu/transfer> (<https://admission.asu.edu/transfer>) for more information about ASU degrees offered at local community colleges.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-criminology-and-criminal-justice/>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPCRIMJBS~null + &college=CPP>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates of the criminology and criminal justice program find a strong job market in the public and private sectors. Employment opportunities exist in:

- bank fraud
- corrections
- courts
- domestic terrorism
- federal agencies
- homeland security
- law enforcement
- legal offices
- parole offices
- private security
- probation offices
- victim advocate agencies

Graduates also may pursue advanced degrees in law, criminology and criminal justice, and other social science disciplines.

Contact Information:

Public Service and Community Solutions, Watts College of
School of Criminology and Criminal Justice
<https://ccj.asu.edu/>
UCENT 600
SCCJAdvising@asu.edu
602-496-2356

Nonprofit Leadership and Management, BS (PPNLMBS)

Campus: Downtown Phoenix

Program Description:

Through the BS degree program in nonprofit leadership and management, students are empowered to become successful professionals who work to advance the quality of life in communities.

The nonprofit sector in the United States is unique in form and function. This sector includes institutions and individuals situated between government, public, business and commerce sectors. With more than 1.6 million organizations in the U.S., the sector employs more people than the finance, insurance and real estate industries combined. Philanthropy (voluntary action for the public good) is a hallmark of the nonprofit sector as individuals give their time, money and know-how to causes about which they care.

Students in the nonprofit leadership and management program learn about the nonprofit sector through curriculum instruction and field experience. The required internship component of the program leads students to professional opportunities within the nonprofit sector. Within the undergraduate degree requirements, students also may choose to pursue the National Certified Nonprofit Professional credential through ASU's affiliation with the Nonprofit Leadership Alliance: <https://www.nonprofitleadershipalliance.org/credential/> (<https://www.nonprofitleadershipalliance.org/credential/>).

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Community Resources and Development (Nonprofits and NGOs), MS

Community Resources and Development, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPNLMBS-null + &college=CPP>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Depending on their interests, graduates seek work in diverse settings that include a wide range of missions, including arts and culture, environmental, health, youth development, etc. Some graduates find employment with local, grassroots, direct-service nonprofits while others find work with grant-making foundations. Many work in affiliates of well-known national organizations such as:

- American Red Cross
- America's Second Harvest
- Humane Society of the United States
- March of Dimes
- National Urban League
- United Way
- youth-serving entities such as Big Brothers Big Sisters, Boys and Girls Clubs, Boy Scouts of America, Girl Scouts of the USA, Camp Fire USA and the YMCA of the USA

Increasing opportunities in the nonprofit sector include careers across the spectrum of community issues such as the arts, environment, health care and others. Typical positions include roles as:

- field executives
- fund development directors
- program directors
- program officers for grant-making organizations
- volunteer program managers

Contact Information:

Public Service and Community Solutions, Watts College of
School of Community Resources and Development
<https://scrd.asu.edu>
UCENT 550
scrdadvising@asu.edu
602-496-0550

Nonprofit Leadership and Management (American Indian Studies), BS (PPNLMAIBS)

Campus: Downtown Phoenix

Program Description:

Through the BS program in nonprofit leadership and management, students are empowered to become successful professionals who work to advance the quality of life in communities. The nonprofit sector in the United States is unique in form and function. This sector includes institutions and individuals situated between government, public, business and commerce sectors.

Students in the nonprofit leadership and management program learn about the nonprofit sector through curriculum instruction and field experience. Many students in the nonprofit sector work with American Indian populations. The concentration in American Indian studies familiarizes students with American Indian worldviews, current issues and tribal governance.

The required internship component of the program leads students to professional opportunities within the nonprofit sector. Students also may choose to pursue the National Certified Nonprofit Professional credential through ASU's affiliation with the Nonprofit Leadership Alliance: <https://www.nonprofitleadershipalliance.org/credential> (<https://www.nonprofitleadershipalliance.org/credential>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPNLMAIBS~null + &college=CPP>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Most of the major nonprofit organizations in Arizona work with American Indian populations providing services and expertise. Thus, career options are extensive and include many of the nonprofit organization in the state and beyond. Careers fields may include youth programming, fundraising, volunteer management and social services provision.

Contact Information:

Public Service and Community Solutions, Watts College of
School of Community Resources and Development
<https://scrd.asu.edu>
UCENT 550
scrdadvising@asu.edu
602-496-0550

Parks and Recreation Management, BS (PPPRMBS)

Campus: Downtown Phoenix

Program Description:

The BS program in parks and recreation management provides a transdisciplinary education in the management of parks, protected areas, community-based recreation services and special-event management. The parks and recreation field emerged from the youth development, recreation and park movements of the late 19th century.

Students learn to integrate the managerial, natural and social sciences to make informed decisions for recreation service delivery. The curriculum of classroom instruction and field experiences covers:

- communication
- history
- inclusive services
- management
- parks and recreation policy
- planning
- programming

The required internship component of the program allows students to gain practical experience in the parks and recreation professions.

The National Recreation and Park Association accredits this degree program.

Students interested in the Bachelor of Science in parks and recreation management also may be interested in the school's therapeutic recreation program: <https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/PPPRMTRBS/undergrad/false> (<https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/PPPRMTRBS/undergrad/false>).

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Community Resources and Development (Parks and Recreation Management), MS

Community Resources and Development (Sustainable Communities), MS

Community Resources and Development, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPPRMBS-null + &college=CPP>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

This degree program prepares students for professional positions in a variety of public, private and nonprofit organizations. Graduates are employed in a variety of settings in Arizona, nationally and abroad. Graduates find employment in such diverse settings as:

- armed forces recreation
- city park and recreation departments
- county and state park agencies
- federal natural resource agencies
- hospitals and care facilities
- nonprofit recreation programs
- private and commercial recreation facilities
- special event management
- sport venues
- youth agencies

In such settings, graduates design, develop and manage services that address the recreational needs of a particular clientele.

Contact Information:

Public Service and Community Solutions, Watts College of

School of Community Resources and Development

<https://scrd.asu.edu>

UCENT 550

scrdadvising@asu.edu

602-496-0550

Parks and Recreation Management (Therapeutic Recreation), BS (PPRMTRBS)

Campus: Downtown Phoenix

Program Description:

The BS program in parks and recreation management with a concentration in therapeutic recreation prepares students to apply for eligibility to take the national professional certification in through the National Council for Therapeutic Recreation Certification: <https://www.nctrc.org> (<https://www.nctrc.org>).

The degree program prepares competent, entry-level recreational therapists with the requisite knowledge, skills and abilities to improve functional outcomes and increase participation in life activities with individuals experiencing health conditions. It is designed for students who want to learn to conduct assessments, develop service plans, implement therapeutic interventions, evaluate and document outcomes of care. They gain skills to effectively provide comprehensive therapeutic recreation services that include program design and evaluation, individual and group service provision, and advocacy. The required fieldwork component of the program facilitates the development of competencies needed to provide quality recreational therapy services.

Students who choose this degree program are truly committed to improving people's lives and contributing to their communities. This degree program is one of two such programs in Arizona, both offered by the School of Community Resources and Development. This program prepares students to provide recreational therapy services in community settings such as youth programs, adaptive sports, or parks and recreation while the Bachelor of Science in recreational therapy has a heavier emphasis on healthcare settings such as hospitals and human service agencies.

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Community Resources and Development (Parks and Recreation Management), MS
- Community Resources and Development (Sustainable Communities), MS
- Community Resources and Development, MS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPRMTRBS-null + &college=CPP>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

There is a wide range of job opportunities for therapeutic recreation professionals including in clinical settings, such as hospitals and nursing homes, adventure programming for youth-at-risk and people with disabilities, and community programs offered through parks and recreation departments.

Contact Information:

Public Service and Community Solutions, Watts College of
School of Community Resources and Development
<https://scrd.asu.edu/content/therapeutic-recreation>
UCENT 550
scrdadvising@asu.edu
602-496-0550

Public Service and Public Policy, BS (PPPAFBS)

Campus: Downtown Phoenix, Online

Program Description:

The BS program in public service and public policy prepares students for work in government at all levels and in nonprofit organizations through comprehensive coverage of topics in public policy, public leadership and management, and urban studies.

Students discover the challenges of management and learn how to lead a public organization and understand the process of policy development. This program examines the public sector and addresses, in a practical way, the challenges facing the public. The program is unique because it enables students to study public service, policy and administration with a professional focus.

Students select one of the following concentrations or focus areas to supplement their core courses

- American Indian studies
- business
- criminology
- emergency management
- health policy
- law and policy
- nonprofit leadership and management
- parks and recreation management
- public leadership and management (focus area)
- public policy (focus area)
- science and technology
- social services delivery
- sustainability
- urban studies (focus area)

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Public Administration (Emergency Management), MPA
- Public Administration (Nonprofit Administration), MPA
- Public Administration (Public Finance), MPA
- Public Administration (Urban Management), MPA
- Public Administration - Downtown Phoenix, MPA
- Public Policy (Environmental Policy), MPP
- Public Policy (Policy Informatics), MPP

Public Policy (Science and Technology Policy), MPP

Public Policy (Urban Policy), MPP

Public Policy, MPP

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-public-service-and-public-policy/>)

Change of Major Requirements:

A minimum 2.00 cumulative GPA is required to change into this program.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPPAFBS~null + &college=CPP>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

This degree program provides students with the knowledge and skills to transform government and policy at all levels. The public service sector offers sustainable, exciting and fulfilling career options. Upon graduation, students are empowered to use knowledge of the public sector as a catalyst to change the world. By understanding the challenges facing government and being well-versed in the development of multiple, useful and realistic solutions, graduates contribute to the development of local, national and global communities.

The bachelor's degree program in public service and public policy prepares students for entry- and mid-level supervisory and managerial positions in city, county, state and federal agencies. For those who already have work experience, the degree provides further opportunity for promotion.

Contact Information:

Public Service and Community Solutions, Watts College of

School of Public Affairs

<https://spa.asu.edu/pspp>

UCENT 400

spa@asu.edu

602-496-0450

Public Service and Public Policy (American Indian Studies), BS (PPPAFAISBS)

Campus: Downtown Phoenix

Program Description:

The American Indian studies concentration within the BS program in public service and public policy provides students with specialized knowledge about the policy implications of American Indian-related decisions and actions.

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Global Management, MGM
- Public Administration (Emergency Management), MPA
- Public Administration (Nonprofit Administration), MPA
- Public Administration (Public Finance), MPA
- Public Administration (Urban Management), MPA
- Public Administration - Downtown Phoenix, MPA
- Public Policy (Environmental Policy), MPP
- Public Policy (Policy Informatics), MPP
- Public Policy (Science and Technology Policy), MPP

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A minimum cumulative GPA of 2.00 is required to change into this program.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPPAFAISBS~null + &college=CPP>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

The program is primarily focused on providing students with the knowledge and skills required for entry- and mid-level supervisory and managerial positions in the public sector, such as city, county, state and federal agencies, though students would function successfully in many other types of organizations as well. For those who already have work experience, the degree provides further opportunity for promotion.

Contact Information:

Public Service and Community Solutions, Watts College of

School of Public Affairs

<https://spa.asu.edu/pspp>

UCENT 400

spa@asu.edu

602-496-0450

Public Service and Public Policy (Business), BS (PPPAFBUBS)

Campus: Downtown Phoenix

Program Description:

The School of Public Affairs offers a concentration in business as part of the BS in public service and public policy.

This concentration establishes a core business curriculum while allowing students the flexibility to pursue their passion, from entrepreneurial opportunities to working for a Fortune 500 company. Coursework teaches lasting business concepts.

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Global Management, MGM
- Public Administration (Emergency Management), MPA
- Public Administration (Nonprofit Administration), MPA
- Public Administration (Public Finance), MPA
- Public Administration (Urban Management), MPA
- Public Administration - Downtown Phoenix, MPA
- Public Policy (Environmental Policy), MPP
- Public Policy (Science and Technology Policy), MPP
- Public Policy, MPP

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A minimum cumulative GPA of 2.00 (scale is 4.00 = "A") is required to change into this program.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPPAFBUBS~null + &college=CPP>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

This bachelor's degree program in public service and public policy prepares students for entry- and mid-level supervisory and managerial positions in city, county, state and federal agencies. For those who already have work experience, the degree provides further opportunity for promotion.

The business concentration prepares students with an interest in policy to focus on business issues and their policy implications.

Contact Information:

Public Service and Community Solutions, Watts College of

School of Public Affairs

<https://spa.asu.edu/pspp>

UCENT 400
spa@asu.edu
602-496-0450

Public Service and Public Policy (Criminology), BS (PPPAFCBS)

Campus: Downtown Phoenix

Program Description:

The School of Public Affairs offers a concentration in criminology as part of the BS in public service and public policy.

Criminology continues to be a highly sought-after area and it presents broad policy implications for future public sector professionals. This program introduces students to the fundamental foundations in criminal justice and criminology by preparing them to think critically, contribute to society and enhance public safety.

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Global Management, MGM
- Public Administration (Emergency Management), MPA
- Public Administration (Nonprofit Administration), MPA
- Public Administration (Public Finance), MPA
- Public Administration (Urban Management), MPA
- Public Administration - Downtown Phoenix, MPA
- Public Policy (Environmental Policy), MPP
- Public Policy (Policy Informatics), MPP
- Public Policy (Science and Technology Policy), MPP
- Public Policy, MPP

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A minimum cumulative GPA of 2.00 is required to change into this program.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPPAFCBS~null + &college=CPP>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

The program is primarily focused on individuals working or interested in working in the public sector. The skills and knowledge students acquire will allow them to successfully function in many types of organizations, though the primary focus is on public organizations. A bachelor's degree in public service and public policy prepares students for entry- and mid-level supervisory and managerial positions in city, county, state and federal agencies. For those who already have work experience, the degree provides further opportunity for promotion.

The criminology concentration provides students with more specialized knowledge about the policy implications of criminology-related decisions and actions.

Contact Information:

Public Service and Community Solutions, Watts College of
School of Public Affairs
<https://spa.asu.edu/pspp>
UCENT 400
spa@asu.edu
602-496-0450

Public Service and Public Policy (Emergency Management and Homeland Security), BS (PPPAFEHBS)

Campus: Downtown Phoenix, Online

Program Description:

The School of Public Affairs offers a concentration in emergency management and homeland security as part of the BS in public service and public policy.

This concentration program provides students with the skills and knowledge to manage and assume positions of leadership within the field of emergency management and homeland security. Concepts of public policy and management are blended together with emergency management principles to enhance and foster critical thinking within the general field of study. More specifically, the program's focus provides the student with a comprehensive perspective which is critically important for today's and tomorrow's disaster managers.

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Emergency Management and Homeland Security (Biosecurity and Threat Management), MA
- Emergency Management and Homeland Security (Community Resilience), MA
- Emergency Management and Homeland Security (Cybersecurity Policy and Management), MA
- Emergency Management and Homeland Security (Emergency Management), MA
- Emergency Management and Homeland Security (Homeland Security), MA
- Emergency Management and Homeland Security, MA
- Public Administration (Emergency Management), MPA
- Public Administration (Nonprofit Administration), MPA
- Public Administration (Public Finance), MPA
- Public Administration - Downtown Phoenix, MPA
- Public Policy (Environmental Policy), MPP
- Public Policy (Policy Informatics), MPP
- Public Policy (Science and Technology Policy), MPP
- Public Policy, MPP

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-public-service-and-public-policy-emergency/>)

Change of Major Requirements:

A minimum cumulative GPA of 2.00 (scale is 4.00 = "A") is required to change into this program.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPPAFEHBS~null + &college=CPP>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

The program is primarily focused on providing students with the knowledge and skills required for entry- and mid-level supervisory and managerial positions in the public sector, such as city, county, state and federal agencies, though they would successfully function in many other types of organizations as well. For those who already have work experience, the degree provides further opportunity for promotion. In addition, the program prepares students for future graduate study in law, public policy and public administration.

Retiring baby boomers, along with increasing demand for public services, has resulted in an increase in job opportunities for graduates in the public sector. The federal government is the nation's largest employer with nearly two million people employed across the country, and nearly 85% of those jobs exist outside the Washington, D.C. area. The federal government is anticipated to hire tens of thousands of new employees for mission-critical positions in the next few years. Students with preparation in academic areas related to public service will have an advantage in that market.

Contact Information:

Public Service and Community Solutions, Watts College of

School of Public Affairs

<https://spa.asu.edu/pspp>

UCENT 400

spa@asu.edu

602-496-0450

Public Service and Public Policy (Health Policy), BS (PPPAFHPBS)

Campus: Downtown Phoenix

Program Description:

The School of Public Affairs offers a concentration in health policy as part of the BS in public service and public policy. This program allows students to build a course of study that emphasizes their own areas of interest. The health care industry is continuing to be a major part of the U.S. and world economy.

The concentration in health policy provides students who have an interest in policy to focus on health-related issues and their policy implications. The courses in the concentration are offered by the College of Health Solutions and the School of Human Evolution and Social Change. All the courses are part of the college's regular degree offerings. Thus, students emerge from the program prepared to address policy issues in this substantive area with an understanding of the range of public service careers (including government, nonprofit and for-profit options), the economics of public affairs, the challenge of leadership in the public context and the dynamics of administering public programs.

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus

all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Global Management, MGM
- Public Administration (Emergency Management), MPA
- Public Administration (Nonprofit Administration), MPA
- Public Administration (Public Finance), MPA
- Public Administration (Urban Management), MPA
- Public Administration - Downtown Phoenix, MPA
- Public Policy (Environmental Policy), MPP
- Public Policy (Policy Informatics), MPP
- Public Policy (Science and Technology Policy), MPP
- Public Policy, MPP

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A minimum cumulative GPA of 2.00 (scale is 4.00 = "A") is required to change into this program.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPPAFHPBS~null + &college=CPP>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

The program is primarily focused on providing students with the knowledge and skills required for entry- and mid-level supervisory and managerial positions in the public sector, such as city, county, state and federal agencies, though they would function successfully in many other types of organizations as well. For those who already have work experience, the degree provides further opportunity for promotion.

The health policy concentration provides students with more specialized knowledge about the policy implication of health-related decisions and actions.

Contact Information:

Public Service and Community Solutions, Watts College of

School of Public Affairs

<https://spa.asu.edu/pspp>

UCENT 400

spa@asu.edu

602-496-0450

Public Service and Public Policy (Law and Policy), BS (PPAFLPBS)

Campus: Downtown Phoenix

Program Description:

The School of Public Affairs offers a concentration in law and policy as part of the BS in public service and public policy.

Through this concentration, students who have an interest in public policy focus on legal issues and the policy implications, broadening their educational experience while concentrating in an area that is in high demand.

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Global Management, MGM
- Public Administration (Emergency Management), MPA
- Public Administration (Nonprofit Administration), MPA
- Public Administration (Public Finance), MPA
- Public Administration (Urban Management), MPA
- Public Administration - Downtown Phoenix, MPA
- Public Policy (Environmental Policy), MPP
- Public Policy (Policy Informatics), MPP
- Public Policy (Science and Technology Policy), MPP
- Public Policy, MPP

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A minimum cumulative GPA of 2.00 is required to change into this program.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPAFLPBS~null + &college=CPP>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

The program is primarily designed for individuals who work in the public sector or are interested in doing so. The skills and knowledge students acquire allow them to successfully function in many other types of organizations; however the primary focus is on public organizations.

This program prepares students for entry- and mid-level supervisory and managerial positions in city, county, state and federal agencies. For those who already have work experience, the degree provides further opportunity for promotion. In addition, the program prepares students for future graduate study in law, public policy and public administration.

Contact Information:

Public Service and Community Solutions, Watts College of
School of Public Affairs
<https://spa.asu.edu/pspp>
UCENT 400
spa@asu.edu
602-496-0450

Public Service and Public Policy (Nonprofit Leadership and Management), BS (PPPANLMBS)

Campus: Downtown Phoenix

Program Description:

The School of Public Affairs offers a BS in public service and public policy with a concentration in nonprofit leadership and management.

The role of nonprofit organizations continues to grow and presents broad policy implications for future public sector professionals. This program empowers students to understand the unique aspect of the social, political, economic and philanthropic factors related to the nonprofit sector.

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Global Management, MGM
- Public Administration (Emergency Management), MPA
- Public Administration (Public Finance), MPA
- Public Administration (Urban Management), MPA
- Public Administration - Downtown Phoenix, MPA
- Public Policy (Environmental Policy), MPP
- Public Policy (Policy Informatics), MPP
- Public Policy (Science and Technology Policy), MPP
- Public Policy, MPP

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A minimum cumulative GPA of 2.00 is required to change into this program.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPPANLMBS~null + &college=CPP>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

The program is primarily focused on individuals working or interested in working in the public sector. The skills and knowledge students acquire allow them to successfully function in many other types of organizations; however, the primary focus is on public organizations. This bachelor's degree program in public service and public policy prepares students for entry- and mid-level supervisory and managerial positions in city, county, state and federal agencies. For those who already have work experience, the degree provides further opportunity for promotion.

The nonprofit leadership and management concentration provides students with more specialized knowledge about the policy implications of the nonprofit sector.

Contact Information:

Public Service and Community Solutions, Watts College of
School of Public Affairs
<https://spa.asu.edu/pspp>
UCENT 400
spa@asu.edu
602-496-0450

Public Service and Public Policy (Parks and Recreation Management), BS (PPPAPRMBS)

Campus: Downtown Phoenix

Program Description:

The School of Public Affairs offers a BS in public service and public policy with a concentration in parks and recreation management.

Leisure and quality of life are an essential part of U.S. society. This program provides students a transdisciplinary education in the management of parks, protected areas and community-based recreation services.

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Global Management, MGM
- Public Administration (Emergency Management), MPA
- Public Administration (Nonprofit Administration), MPA
- Public Administration (Public Finance), MPA
- Public Administration (Urban Management), MPA
- Public Administration - Downtown Phoenix, MPA
- Public Policy (Environmental Policy), MPP
- Public Policy (Policy Informatics), MPP
- Public Policy (Science and Technology Policy), MPP
- Public Policy, MPP

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic

departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A minimum cumulative GPA of 2.00 is required to change into this program.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPPAPRMBS-null + &college=CPP>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

The program is primarily focused on individuals working or interested in working in the public sector. The skills and knowledge students acquire allow them to successfully function in many other types of organizations; however, the emphasis is on public organizations. A bachelor's degree program in public service and public policy prepares students for entry- and mid-level supervisory and managerial positions in city, county, state and federal agencies. For those who already have work experience, the degree provides further opportunity for promotion.

The parks and recreation management concentration provides students with more specialized knowledge about the policy implication of the development and management of leisure in modern life.

Contact Information:

Public Service and Community Solutions, Watts College of

School of Public Affairs

<https://spa.asu.edu/pspp>

UCENT 400

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602-496-0450

Public Service and Public Policy (Science and Technology Policy), BS (PPPAFSTBS)

Campus: Downtown Phoenix

Program Description:

The School of Public Affairs offers a concentration in science and technology policy as part of the BS in public service and public policy. The program prepares students to tackle many of today's most important challenges: climate change, energy, information privacy, public health and global development.

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Global Management, MGM
- Public Administration (Emergency Management), MPA
- Public Administration (Nonprofit Administration), MPA
- Public Administration (Public Finance), MPA
- Public Administration (Urban Management), MPA
- Public Administration - Downtown Phoenix, MPA
- Public Policy (Environmental Policy), MPP
- Public Policy (Policy Informatics), MPP
- Public Policy (Science and Technology Policy), MPP
- Public Policy, MPP

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A minimum cumulative GPA of 2.00 is required to change into this program.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPPAFSTBS~null + &college=CPP>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

The program is focused primarily on providing students with the knowledge and skills required for entry- and mid-level supervisory and managerial positions in the public sector, such as city, county, state and federal agencies, though they would successfully function in many other types of organizations as well. For those who already have work experience, the degree provides further opportunity for promotion.

The science and technology policy concentration provides students with more specialized knowledge about the policy implication of science and technology-related decisions and actions.

Contact Information:

Public Service and Community Solutions, Watts College of

School of Public Affairs

<https://spa.asu.edu/pspp>

UCENT 400

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602-496-0450

Public Service and Public Policy (Social Services Delivery), BS (PPPAFSSBS)

Campus: Downtown Phoenix

Program Description:

Social services delivery is a fundamental building block of government affairs. Through this concentration, students explore the foundation and practices of social services and how social services can be designed, delivered and evaluated at local, state and federal levels.

Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Public Administration (Emergency Management), MPA
- Public Administration (Nonprofit Administration), MPA
- Public Administration (Public Finance), MPA
- Public Administration (Urban Management), MPA
- Public Administration - Downtown Phoenix, MPA
- Public Policy (Environmental Policy), MPP
- Public Policy (Policy Informatics), MPP
- Public Policy (Science and Technology Policy), MPP
- Public Policy, MPP

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A minimum cumulative GPA of 2.00 is required for current ASU students to change into this major.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPPAFSSBS~null + &college=CPP>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

The BS program in public service and public policy is focused primarily on providing students with the knowledge and skills required for entry- and mid-level supervisory and managerial positions in the public sector, such as city, county, state and federal agencies, though they would successfully function in many other types of organizations as well. For those who already have work experience, the degree provides further opportunity for promotion. In addition, the program prepares students for future graduate study in law, public policy and public administration.

Retiring baby boomers and an increasing demand for public services have resulted in an increase in job opportunities for graduates in the public sector. The federal government is the nation's largest employer with nearly two million people employed across the country and nearly 85% of those jobs exist outside the Washington, D.C., area. The federal government is anticipated to hire tens of thousands of new employees for mission-critical positions in the next few years. Students with preparation in academic areas related to public service and social services delivery will have an advantage in that market.

Contact Information:

Public Service and Community Solutions, Watts College of
School of Public Affairs

<https://spa.asu.edu/pspp>

UCENT 400

spa@asu.edu

602-496-0450

Public Service and Public Policy (Sustainability), BS (PPPAFSBS)

Campus: Downtown Phoenix

Program Description:

The BS program in public service and public policy prepares students for work in government at all levels and nonprofit organizations through comprehensive coverage of topics in public policy, public leadership and management, and urban studies.

Sustainability continues to be a highly sought-after area and it presents broad policy implications. Through this concentration, students explore the challenges of sustainability and how it may be used to develop solutions to pressing issues at local and global levels.

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Global Management, MGM

Public Administration (Emergency Management), MPA

Public Administration (Nonprofit Administration), MPA

Public Administration (Public Finance), MPA

Public Administration (Urban Management), MPA

Public Administration - Downtown Phoenix, MPA

Public Policy (Environmental Policy), MPP

Public Policy (Policy Informatics), MPP

Public Policy (Science and Technology Policy), MPP

Public Policy, MPP

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A minimum cumulative GPA of 2.00 is required for current ASU students to change into this major.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPPAFSBS~null + &college=CPP>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about

these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

The program is primarily focused on individuals working or seeking work in the public sector. The skills and knowledge students acquire allow them to successfully function in many other types of organizations, though the primary focus is on public organizations. This bachelor's degree program in public service and public policy prepares students for entry- and mid-level supervisory and managerial positions in city, county, state and federal agencies. For those who already have work experience, the degree provides further opportunity for promotion.

The sustainability concentration provides students with more specialized knowledge about the policy implication of sustainability-related decisions and action.

Contact Information:

Public Service and Community Solutions, Watts College of
School of Public Affairs
<https://spa.asu.edu/pspp>
UCENT 400
spa@asu.edu
602-496-0450

Recreation Therapy, BS (PPRECTBS)

Campus: Downtown Phoenix

Program Description:

The BS program in recreational therapy prepares students to apply for eligibility to take the national professional certification through the National Council for Therapeutic Recreation Certification: <https://nctrc.org/about-certification/ctrs-the-qualified-provider> (<https://nctrc.org/about-certification/ctrs-the-qualified-provider/>).

The program prepares competent, entry-level recreational therapists with the requisite knowledge, skills and abilities needed to improve functional outcomes and increase participation in life activities for individuals experiencing health conditions. It is designed for students who want to learn to conduct assessments, develop service plans, implement therapeutic interventions, and evaluate and document outcomes of care. They gain skills to effectively provide comprehensive therapeutic recreation services that include program design and evaluation, individual and group service provision, and advocacy. The required fieldwork component of the program facilitates the development of competencies to provide quality recreational therapy services.

Students who choose this degree program are committed to improving people's lives and contributing to their communities. This degree program is one of two such programs in Arizona, both offered by the School of Community Resources and Development. This program has a heavier emphasis on healthcare settings such as hospitals and human service agencies while the Bachelor of Science in parks and recreation (therapeutic recreation) prepares students to provide recreational therapy services in community settings such as youth programs, adaptive sports, or parks and recreation.

ASU offers programs that lead to certification or licensure that may allow graduates to be eligible for certification or licensure in other states. Please check the professional licensure list for Watts College to determine if this program meets requirements in your state: <https://asuonline.asu.edu/about-us/licensure/> (<https://asuonline.asu.edu/about-us/licensure/>).

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPRECTBS~null + &college=CPP>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Recreation therapy is a rapidly growing field, given the rising number of returning veterans and an aging population. Graduates are prepared for work in a wide variety of clinical settings, including hospitals, rehabilitation centers and extended care facilities. Graduates also are qualified to work in community settings such as parks and recreation departments.

Contact Information:

Public Service and Community Solutions, Watts College of
School of Community Resources and Development
<https://scrd.asu.edu/content/therapeutic-recreation>
UCENT 550
scrdadvising@asu.edu
602-496-0550

Social Work, BSW (PPSWUSWU)

Campus: Downtown Phoenix, West, Tucson

Program Description:

Social work practitioners are committed to the enhancement of individual, family and group problem-solving capacities and the creation of a more nurturing, just and humane social environment.

The undergraduate curriculum leads to a BSW. Juniors and seniors majoring in social work focus on social work courses in social policy and services, human behavior in the social environment, social work practice, research and field instruction in community agencies. In addition, majors take elective courses in related areas.

Students interested in completing the Bachelor of Social Work program in Tucson are encouraged to complete a MyPath2ASU program. The Tucson location option is only available to transfer students. For admission requirements, students should see <https://socialwork.asu.edu/programs/bsw/social-work> (<https://socialwork.asu.edu/programs/bsw/social-work>).

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Admission Requirements:

The MyPath2ASU™ pathway allows Arizona transfer students to complete a prescribed sequence of courses that meet the requirements for the community college's Associate of Arts degree along with the lower-division requirements for the ASU major.

Students completing their ASU degree at Yuma: Once the MyPath2ASU™ pathway requirements are complete, students complete the remaining requirements for the ASU bachelor's degree at the community college.

Students should visit <https://admission.asu.edu/transfer> (<https://admission.asu.edu/transfer>) for more information about ASU degrees offered at local community colleges.

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPSWUSWU~null + &college=CPP>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

The program prepares students to be generalist social work practitioners, focusing on advocacy, referrals, case management and problem-solving functions with individuals, groups, families, organizations and the community.

Employment in social work is expected to increase commensurately with the needs of a growing and diverse population.

Social workers are employed in public and private agencies dealing with a wide variety of social issues, including:

- adoption
- aging
- AIDS
- child abuse
- corrections
- delinquency
- disability
- discrimination
- domestic violence
- family dysfunction
- foster care
- health
- homelessness
- mental health
- poverty
- school-related problems
- substance abuse
- teen pregnancy

Social work skills such as problem-solving, resource utilization, counseling, group work and community organization are also useful for positions with industry in employee relations and mediation.

Contact Information:

Public Service and Community Solutions, Watts College of
School of Social Work

<https://socialwork.asu.edu>
UCENT 800
social.work@asu.edu
602-496-0800

Tourism Development and Management, BS (PPTDMBS)

Campus: Downtown Phoenix

Program Description:

Through the BS program in tourism development and management, students acquire the planning and management skills related to the growth and development of tourism throughout the world. The curriculum prepares students for employment across a wide variety of occupations in the rapidly expanding travel and tourism industry while taking full advantage of its strong connections with the professional tourism community in Phoenix.

The required internship component of the program allows students to gain practical experiences leading to professional positions in various travel, tourism and related fields. Exposure to the practices of heritage tourism, sustainable tourism, resort management, and meeting and convention planning prepares students for successful careers in the travel and tourism industry. While pursuing the bachelor's degree in tourism development and management, a student may also choose to complete a certificate in convention sales and meeting planning. Additionally, students have the opportunity to participate in a study abroad program.

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

- Community Resources and Development (Sustainable Communities), MS
- Community Resources and Development (Tourism), MS
- Community Resources and Development, MS
- Sustainable Tourism, MAS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPTDMBS-null + &college=CPP>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

The travel and tourism industry is the largest employer in the world and the second largest in Arizona. Based upon interests, graduates can seek work in the public, nonprofit or private and commercial sectors. Graduates find employment in such diverse settings as resorts, meeting planning, convention and visitor bureaus, tour operations and commercial recreation businesses. In such settings, graduates design, develop and manage services that address the needs of a particular clientele. The metropolitan Phoenix area is a major hub of tourism in the southwestern U.S. and has experienced rapid growth in:

- air transportation
- business and corporate travel
- gaming and casinos
- meetings and conventions
- resorts and hotels
- sports tourism
- state and national parks

Contact Information:

Public Service and Community Solutions, Watts College of
School of Community Resources and Development
<https://scrd.asu.edu>
UCENT 550
scrdadvising@asu.edu
602-496-0550

Tourism Development and Management (Meetings and Events), BS (PPTDMMEBS)

Campus: Downtown Phoenix

Program Description:

The concentration in meetings and events allows students enrolled in the BS program in tourism development and management to focus their electives on courses that cover meetings and events planning topics. The concentration draws from both the special events program and the meeting management program, and prepares students to be competitive in the events sector.

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPTDMMEBS-null + &college=CPP>) to outline a list of recommended courses to take prior to transfer.

include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Tourism-related meetings and events are significant contributors to the Arizona economy, as well as to other states. Graduates are prepared to enter meeting and event-related careers in resorts and hotels, convention and visitor bureaus, private event companies, destination management companies, parks and recreation departments, public relations, and nonprofit fundraising.

Contact Information:

Public Service and Community Solutions, Watts College of
School of Community Resources and Development
<https://scrd.asu.edu/content/degree-programs>
UCENT 550
scrdadvising@asu.edu
602-496-0550

Tourism Development and Management (Resort and Hotel Leadership), BS (PPTDMRBS)

Campus: Downtown Phoenix

Program Description:

The BS in tourism development and management with a concentration in resort and hotel leadership attracts students and professionals who have interests in the diverse areas of knowledge needed within the accommodations sector, knowledge such as:

- ecological, social and economic sustainability practices in the industry
- hospitality management and leadership
- meeting the expectations of hotel and resort guests
- the interrelated functions within departments of the lodging, food and beverage industries

The concentration program in resort and accommodations leadership provides students an academic option to study in-depth the resort and accommodations system and gain knowledge of the importance of the business relationships between suppliers, intermediaries and vendors, guests, and the public and private sectors. It also prepares students to serve their communities by developing the skills, knowledge, techniques and capabilities needed for addressing major issues related to resorts and other tourism accommodations.

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Community Resources and Development (Sustainable Communities), MS

Community Resources and Development (Tourism), MS

Community Resources and Development, MS

Sustainable Tourism, MAS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPTDMRBS-null + &college=CPP>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

There are a variety of job opportunities for resort or hotel professionals, ranging from entry-level as a management trainee to an assistant manager or manager in various departments, such as:

- catering and banquet
- convention sales
- front desk
- guest services
- rooms division
- sales and marketing

Contact Information:

Public Service and Community Solutions, Watts College of
School of Community Resources and Development

<https://scrd.asu.edu>

UCENT 550

scrdadvising@asu.edu

602-496-0550

Tourism Development and Management (Sustainable Tourism), BS (PPTDMSBS)

Campus: Downtown Phoenix

Program Description:

The BS program in tourism development and management provides students with the theoretical understanding necessary to maneuver the complexities of one of the world's largest industries. A concentration in sustainable tourism allows students to hone their understanding of the key concepts of sustainability and of how these concepts can be applied to tourism destinations and development.

Students learn the dominant theories and language that make up sustainability science and the skills necessary to measure, create and implement sustainability policies in tourism destinations, from the planning to management stages of development.

Students take courses offered by the School of Sustainability in addition to courses in the School of Community Resources and Development, guaranteeing a strong foundation in the basic theories of the growing field of sustainability while applying these newfound skills to tourism development and management.

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and

master's degree with:

- Community Resources and Development (Sustainable Communities), MS
- Community Resources and Development (Tourism), MS
- Community Resources and Development, MS
- Sustainable Tourism, MAS

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPTDMSBS-null + &college=CPP>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Sustainable tourism is becoming increasingly important, and many tourism businesses are hiring sustainability coordinators. These businesses include hotels, airlines, convention and visitor bureaus, and large attractions. Tour companies, such as those that implement ecotourism and volunteer tourism experiences, are especially interested in employees with a strong sustainable tourism background. Numerous sustainable tourism nonprofit organizations have emerged in recent years, and many government-related tourism organizations also hire those with a strong sustainability focus. Consulting opportunities are available to assist tourism businesses in developing sustainable practices as well.

Contact Information:

Public Service and Community Solutions, Watts College of
School of Community Resources and Development

<https://scrd.asu.edu>

UCENT 550

scrdadvising@asu.edu

602-496-0550

Tourism and Recreation Management, BS (PPTRMBS)

Campus: ASU@Lake Havasu, Online

Program Description:

Through the BS program in tourism and recreation management, students acquire the planning and management skills needed to work in the growing tourism and recreation industries throughout the world.

Selecting one of four emphasis areas: tourism, recreation, events or sports, the curriculum prepares students for employment across a wide variety of occupations. These areas of emphasis allow program graduates to contribute to community economic and social development and to positively influence quality of life both domestically and abroad. Graduates are able to gain professional positions in various travel, tourism, recreation, sports and related fields.

Additional Program Fee: Y

Second Language Requirement: Y

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/tourism-and-recreation-management-bs/>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPTRMBS-null + &college=CPP>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Based upon interests, graduates can seek work in the public, nonprofit, or private and commercial sectors. Graduates find employment in such diverse organizations as resorts and hotels, convention and visitor bureaus, and in areas such as business and corporate travel, transportation, tour operations, event and meeting planning and management, and attractions management. Opportunities are also found with city and state parks and recreation departments; youth, recreation and sports-oriented nonprofits; sports and recreation program planning and management; sports events and tourism; and many others. In such settings, graduates plan, design, develop and manage services that address the needs of a particular clientele.

Contact Information:

Public Service and Community Solutions, Watts College of
School of Community Resources and Development

<https://scrd.asu.edu>

UCENT 550

scrdadvising@asu.edu

602-496-0550

Urban and Metropolitan Studies, BA (PPURBBA)

Campus: Downtown Phoenix

Program Description:

Located in the heart of downtown Phoenix, the BA program in urban and metropolitan studies is for students who have a yearning to study and understand urban theory in order to effectively address the challenges of rapid growth along with other contemporary urban issues.

Students discover what makes the city tick --- and the city is their classroom. They examine challenges and solutions by researching history, society, culture, economy and politics in order to understand urban theory, and they use that knowledge to get involved in their communities. This gives them an outlet through which they can experience practical ways of solving complex problems faced by metropolitan regions. The students are invested in their neighborhoods. Many of them live and work downtown and they learn how to improve urban health and well-being, often training themselves to be the future leaders of urban environments. Others focus on making a wide variety of other contributions to society, studying the role of arts and culture, business and property development, revitalization and community-building in the life of the region.

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

Additional Program Fee: Y

Second Language Requirement: Yes

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPURBBA-null + &college=CPP>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

The urban and metropolitan studies program prepares students for work in a wide range of fields. The transdisciplinary approach of the program allows graduates to successfully enter fields as diverse as urban management, revitalization, community development, urban sustainability and urban planning.

There are many careers and advanced degrees that may be pursued with a bachelor's degree in urban and metropolitan studies. Some of these careers require additional graduate-level studies and professional experience. Students in the program are advised to explore their options with academic and career advisors to prepare an appropriate program of study and plan to participate in an internship that complements their long-term professional goals.

Contact Information:

Public Service and Community Solutions, Watts College of

School of Public Affairs

<https://spa.asu.edu/ums>

UCENT 400

spa@asu.edu

602-496-0450

Urban and Metropolitan Studies, BS (PPURBBS)

Campus: Downtown Phoenix

Program Description:

Located in the heart of downtown Phoenix, the BS program in urban and metropolitan studies is for students who have a yearning to study and understand urban theory in order to effectively address the challenges of rapid growth along with other contemporary urban issues.

Students in this program discover what makes the city tick --- and the city is their classroom. They examine challenges and solutions by researching history, society, culture, economy and politics in order to understand urban theory, and they use that knowledge to get involved in their communities. This gives them an outlet through which they can experience practical ways of solving complex problems faced by metropolitan regions. The students are invested in their neighborhoods. Many of them live and work downtown, and they learn how to improve urban health and well-being, often training themselves to be the future leaders of urban environments. Others focus on making a wide variety of other contributions to society, studying the role of arts and culture, business and property development, and revitalization and community-building in the life of the region.

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPURBBS-null + &college=CPP>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

The urban and metropolitan studies program prepares students for work in a wide range of fields. The transdisciplinary approach of the program allows graduates to successfully enter fields as diverse as urban management, revitalization, community development, urban sustainability and urban planning.

There are many careers and advanced degrees that may be pursued with a bachelor's degree in urban and metropolitan studies. Some of these careers require additional graduate-level studies and professional experience. Students in the program are advised to explore their options with academic and career advisors to prepare an appropriate program of study and a plan to participate in an internship that complements their long-term professional goals.

Contact Information:

Public Service and Community Solutions, Watts College of

School of Public Affairs

<https://spa.asu.edu/ums>

UCENT 400

spa@asu.edu

602-496-0450

Teachers College, Mary Lou Fulton

Applied Science (Early Childhood Studies), BAS (TEAPSECBAS)

Campus: Online

Program Description:

The BAS degree with a concentration in early childhood studies is intended for students working in early childhood settings, focusing on birth through age five, who do not need initial teacher certification issued through a state department of education. The program prepares students with knowledge and skills in child development (social, emotional, cognitive and physical), setting and selecting developmentally appropriate learning

goals and sequences, instructional strategies and supports, highly individualized instruction, classroom management, advocacy and leadership, and family resources and supports. As a degree program designed for students working in a variety of early childhood settings while pursuing the program, clinical experiences are integrated throughout the coursework.

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

This program is not available for freshman.

Transfer Admission Requirements:

Students applying to this program must have completed an AAS degree from a regionally accredited institution AND be employed in an early childhood setting (e.g., Head Start, child development center, daycare or childcare center, private or public preschools, home-based child care) in order to successfully participate and complete coursework.

Students with an Associate of Applied Science degree (which consists of courses in specialized occupational areas built upon a general education core) will receive 60 hours of credit through a block transfer to the university. The block transfer applies only to the Bachelor of Applied Science degree program. Students may receive up to 15 more credit hours for additional coursework completed at the community college or university that, through transcript evaluation, is determined to match a course in the degree program major map.

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/early-childhood-applied-science/>)

Change of Major Requirements:

A current ASU student must have completed an Associate of Applied Science from a regionally accredited institution to change to this major.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TEAPSECBAS~null + &college=CTE>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

The Bachelor of Applied Science with a concentration in early childhood studies provides access to a degree completion program for Head Start teachers and other Head Start staff, as well as early childhood providers currently working in the field. The goal of this concentration is to increase access and capacity towards degree completion from an AAS to a BAS, and focuses on increasing workforce competency and knowledge in the area of early childhood. Upon completion of the Bachelor of Applied Science degree, career opportunities include early childhood teacher (birth to five years) in various settings, including the following: Head Start programs, child care centers, private preschools, nonprofit centers and home-based service providers. Other career opportunities include center-based administrators or directors; topic specialists that provide resources, training and technical assistance to teachers and programs; program managers; family specialists; and consultants.

Contact Information:

Teachers College, Mary Lou Fulton

Educational Leadership & Innovation, Division

<https://education.asu.edu>
ED 118
educationadvising@asu.edu
480-965-5555

Early Childhood and Early Childhood Special Education, BAE (TEECSEBAE)

Campus: Tempe

Program Description:

The BAE program for early childhood and early childhood special education prepares students for certification in both early childhood education (birth to age 8 or grade 3) and early childhood special education (birth to age 8 or grade 3).

This is a premier program taught by nationally renowned faculty who emphasize community connectedness, technology infusion, policy and advocacy related to young children with and without disabilities or developmental delays.

The program teaches child development, research-based instructional and assessment practices in early childhood education and the skills to assess, monitor and report the progress of children with and without disabilities. It provides techniques and approaches to collaborate and partner with family members in the growth and development of young children.

This program is designed to prepare highly competitive graduates. The teacher certification program in early childhood and early childhood special education is embedded during the junior and senior years. The primary goal of all professional experiences is to provide interns and residents with multiple opportunities to apply knowledge learned in coursework to practice with infants, toddlers, preschoolers and children in preK-3 classrooms. Students complete internships during their junior year that require a minimum of two days per week in a preschool classroom. In their senior year, students complete a full-time, year-long teaching residency. Mary Lou Fulton Teachers College faculty and certified lead teachers from partner schools coach interns and residents during required professional experiences. Students also develop their own instructional practices and skills for effective collaboration and reflection through teaming with their peers in addition to faculty and educators in the field. The professional experiences provided by the program are unmatched in Arizona. It provides students an opportunity to work directly with children and make an immediate impact on classroom achievement.

This program also prepares graduates to qualify for the structured English Immersion endorsement.

Graduates earn an institutional recommendation for their teaching certificate. Those desiring to teach in a public school must pass the appropriate Arizona educator exam (National Evaluation Series or Arizona Educator Proficiency Assessments) to be certified to teach in the state of Arizona.

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TEECSEBAE~null + &college=CTE>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

There is a strong demand for early childhood special education teachers in Arizona. A high percentage of students from this program receive job offers during their senior year residency. Many graduates with a degree in early childhood special education hold leadership positions in Head Start, private nonprofit and private for-profit center-based programs and public school early childhood environments.

Contact Information:

Teachers College, Mary Lou Fulton
Division of Teacher Preparation
<https://education.asu.edu/>
ED 118
ASUeducation@asu.edu
480-965-5555

Education Exploratory, (TEEDUEXPL)

Campus: Polytechnic, Tempe, West

Program Description:

Students in the education exploratory track have the unique opportunity to explore different certification areas prior to selecting one of many majors within the Mary Lou Fulton Teachers College.

During the program's first year of coursework, which includes four foundational education courses, and through specific co-curricular events scheduled throughout the first and second terms, students on this track are exposed to all programs and certification areas. Students make a more informed decision about the grade level or subject they want to teach while the exploratory track keeps them on track to graduate from any of the BAE programs.

This track does not lead to a degree, and students need to declare a major after completion of 30 credit hours.

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Admission is restricted to first-time freshmen only. Please contact educationadvising@asu.edu (<mailto:educationadvising@asu.edu>) for questions regarding admission and program eligibility.

Change of Major Requirements:

A student of freshmen standing with fewer than 24 credits is eligible for a change of major.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TEEDUEXPL~null + &college=CTE>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

All students in the education exploratory program are poised to graduate from one of the majors within Mary Lou Fulton Teachers College. Information for those career opportunities can be found under each major.

Contact Information:

Teachers College, Mary Lou Fulton
Division of Teacher Preparation
<https://education.asu.edu/>
ED 118
ASUeducation@asu.edu
480-965-5555

Educational Studies, BAE (EDSLSTBAE)

Campus: Polytechnic, Tempe, West, Online

Program Description:

Learning happens everywhere and at all ages. The BAE program in educational studies prepares students to work with children, youth and adults in formal or informal learning environments within nonprofit settings, community institutions, civic organizations and businesses. The degree program provides a foundation for students to shape society by supporting educational endeavors. Through coursework and a series of internships, students develop skills for effective communication, collaboration, leadership, advocacy and innovation, all of which are essential to education professionals.

Graduates of the program are prepared to teach others and change the face of learning throughout society.

The Bachelor of Arts in Education in educational studies is intended for students seeking a career in formal or informal learning contexts. This degree does not lead to teacher certification.

Veterans may be interested in this program as credit may be offered for military service.

An educational studies minor is also available to ASU students in other degree programs.

This program does not lead to Arizona teacher certification. Students seeking teacher certification should enroll in one of the other Mary Lou Fulton Teachers College undergraduate programs.

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degree Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's and master's degree with:

Educational Policy, MA

Learning Sciences, MA

Acceptance to the graduate program requires a separate application. During their junior year, eligible students will be advised by their academic departments to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-education-educational-studies/>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Academic Catalog Archive 2020-2021

Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=EDSLSTBAE~null + &college=CTE>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates have a versatile degree that qualifies them for a variety of career paths as innovators, advocates and leaders who support the development of children, youth and adults in nonprofit settings, community institutions, civic organizations or businesses.

This degree also prepares undergraduate students for graduate degrees in education or education-related fields, or trajectories based on the context of their work (e.g., organizational development).

Students may explore career tracks for this degree at <https://www.education.asu.edu/sites/default/files/Ed-studies-career-tracks.pdf> (<https://www.education.asu.edu/sites/default/files/Ed-studies-career-tracks.pdf>).

Contact Information:

Teachers College, Mary Lou Fulton
Educational Leadership & Innovation, Division
<https://education.asu.edu/>
ED 118
ASUeducation@asu.edu
480-965-5555

Educational Studies (Early Childhood Education), BAE (TEESECEBAE)

Campus: Online

Program Description:

The BAE program in educational studies with a concentration in early childhood education prepares graduates to lead change and innovation in early childhood education. It provides students with experience in collaborative and reflective practice, develops leadership and critical thinking, and builds the skills needed for working with and advocating for children from birth to age 5.

This program is delivered online and tailored for individuals working in early childhood settings such as Head Start; child development centers; preschools; and private, public or home-based child care. Students must work or volunteer in an early-childhood setting in the last two years of the program to successfully complete the coursework.

The curriculum allows educators to apply coursework to their professional practice. It focuses on early childhood development, instructional strategies, delivering highly individualized instruction, classroom management, intentional teaching and reflective practice.

This program does not lead to Arizona teacher certification. Students seeking teacher certification should enroll in one of the other Mary Lou Fulton Teachers College undergraduate programs.

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/educational-studies-early-childhood-education-bae/>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TEESECEBAE~null + &college=CTE>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Many students are already teaching in Head Start preschools and this program supports a recent Head Start mandate which requires that preschool teachers hold a bachelor's degree in early childhood education. The BAE in educational studies with a concentration in early childhood education will meet these requirements. In addition, a Bachelor of Arts in Education in educational studies provides graduates with other opportunities for careers involving work with children and youths.

Contact Information:

Teachers College, Mary Lou Fulton
Division of Teacher Preparation
<https://education.asu.edu/>
ED 120
educationadvising@asu.edu
480-965-5555

Elementary Education, BAE (TEEDBAE)

Campus: Polytechnic, Tempe, West, ASU@Lake Havasu

Program Description:

The elementary education BAE program leads to K-8 elementary education certification in the state of Arizona.

This program offers students a firm grounding in academic content with current research and best practices from nationally recognized faculty in their fields of expertise, accompanied by real-world classroom and professional experiences. This program also provides meaningful experiences throughout the program in integrating technology into teaching and learning.

The teacher certification program for elementary education is clinically embedded during both the junior and senior years. Mary Lou Fulton Teachers College students complete internships during their junior year and a full-time, year-long apprenticeship, known as their senior year residency, in K-8 classrooms. Coursework is designed to support the development of instructional competencies, professional skills and content knowledge. Coursework is complemented by professional experiences, which provide interns and teacher candidates opportunities to apply and reflect upon their knowledge and skills in teaming and collaborative models. Mary Lou Fulton Teachers College faculty and highly qualified mentor teachers from partner school districts and charter schools work in collaboration to support professional growth aligned to each student's personal goals. Additionally, the professional experience pathway provides students an opportunity to work directly with children and make an immediate impact on student achievement. This intensive, hands-on professional experience model of teacher preparation creates highly sought-after graduates and is unmatched in Arizona.

Graduates are recommended for grades K-8 elementary teacher certification. Those desiring to teach in a public school must pass the appropriate Arizona educator exams (National Evaluation Series or Arizona Educator Proficiency Assessments) to be certified to teach in the state of Arizona.

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Admission Requirements:

The MyPath2ASU™ pathway allows Arizona transfer students to complete a prescribed sequence of courses that meet the requirements for the community college's Associate of Arts degree along with the lower-division requirements for the ASU major.

Students completing their ASU degree at Yuma: Once the MyPath2ASU™ pathway requirements are complete, students complete the remaining requirements for the ASU bachelor's degree at the community college.

Students should visit <https://admission.asu.edu/transfer> (<https://admission.asu.edu/transfer>) for more information about ASU degrees offered at local community colleges.

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TEEEDBAE~null + &college=CTE>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

There is a demand for highly qualified elementary teachers in Arizona. A high percentage of students from this program receive job offers during their residencies. Many graduates with a degree in elementary education work in:

- charter schools
- nontraditional settings
- private school settings
- public elementary schools

Contact Information:

Teachers College, Mary Lou Fulton
Division of Teacher Preparation
<https://education.asu.edu/>
ED 118
ASUeducation@asu.edu
480-965-5555

Elementary Education (Educating Multilingual Learners), BAE (TEDLLBAE)

Campus: Tempe

This program's name has changed effective Fall 2021. The previous name was Elementary Education (Bilingual Education and English as a Second Language).

Program Description:

The BAE program for elementary education with a concentration in educating multilingual learners offers students a firm grounding in current research and best practices for English language learners, accompanied by real-world classroom experiences.

Undergraduates majoring in educating multilingual learners for elementary education (grades K-8) are prepared to nurture and develop languages other than English in dual-language settings and to value the rich linguistic resources that are present in any classroom to support student learning. Students in this program take several courses that focus on developing teachers for linguistically and culturally diverse settings. These courses include topics such as language diversity, dialectal variation in the classroom and funds of knowledge.

Understanding the challenges that emerging bilinguals face instructionally, coupled with understanding the implications of language policy in various learning contexts is imperative to student experiences and coursework. Students learn processes for identifying English language learners as well as developing and supporting the needs of students with individual language learning plans. Students also learn principles of first- and second-language acquisition, foundations of various program models, global awareness and diversity in families and communities in multicultural settings,

as well as academic content areas including math, language arts, computer literacy and science with a specific focus on meeting the academic and linguistic needs of English language learners.

The program requires six credit hours of a foreign language or its equivalent and enables students to work with second-language learners.

The elementary education teacher certification program is clinically embedded during the junior and senior years. During this time, students are intentionally and directly implementing course learning and theory to practices in the classroom. Strategies within the program focus on foundations of second language acquisition, biliteracy, culturally relevant pedagogy, effective language instruction and prepares pre-service teachers to develop critical perspectives that allows them to advocate for bilingual children and families.

Field experiences are diverse and involve meeting the needs of emerging bilinguals in structured English immersion, English language development and dual language settings. The primary goal of all professional experiences is to provide interns and residents with multiple opportunities to apply knowledge learned in coursework to practice in preK-12 classrooms. Mary Lou Fulton Teachers College students complete internships during the junior year that require one day per week in grades K-8 classrooms and full-time, year-long residencies in their senior year.

Mary Lou Fulton Teachers College faculty and highly qualified certified lead teachers from partner school districts and charter schools collaboratively coach interns and residents during required clinical experiences with high concentrations of English language learners. The professional experience provided by the program is unmatched in Arizona and provides students an opportunity to work directly with children and make an immediate impact on classroom achievement. This intensive, hands-on professional experience model of teacher preparation creates highly sought-after graduates.

Graduates are recommended for grades K-8 elementary teacher certification. Those desiring to teach in a public school must pass the appropriate Arizona educator exams (National Evaluation Series or Arizona Educator Proficiency Assessments) to be certified to teach in the state of Arizona. In addition, students must complete six credit hours of a foreign language or equivalent and pass an appropriate language proficiency test to be eligible for the BLE endorsement. All graduates who meet the foreign language requirement receive an ESL endorsement.

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TEDLLBAE~null + &college=CTE>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

There is a great demand for teachers in Arizona with a bilingual education ESL endorsement. A high percentage of students from this program receive job offers during their residencies. Many graduates with a degree in elementary education and BLE or ESL endorsements work in:

- charter schools
- nontraditional settings
- private school settings
- public elementary schools

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Elementary Education (Science, Technology, Engineering and Mathematics), BAE (TEESTEMBAE)

Campus: Polytechnic

Program Description:

The BAE program in elementary education with an emphasis on science, technology, engineering and mathematics has coursework designed for teachers looking to advance their skills in STEM disciplines and learn techniques to effectively engage K-12 learners in the 21st-century. The coursework addresses essentials for educators to equip the learners with the specialized knowledge needed in STEM topics to solve challenging problems and apply critical thinking skills. The STEM program offers students a firm grounding in the language, current research and best practices of science, technology, engineering and math accompanied by professional experiences.

The teacher certification program for elementary education with an emphasis in STEM is clinically embedded during both the junior and senior years. Mary Lou Fulton Teachers College students complete internships during their junior year and a full time, year-long apprenticeship, known as their senior year residency, in K-8 classrooms. Coursework is designed to support the development of instructional competencies, professional skills and content knowledge. Coursework is complemented by professional experiences, which provide interns and teacher candidates opportunities to apply and reflect upon their knowledge and skills in teaming and collaborative models. Mary Lou Fulton Teachers College faculty and highly qualified mentor teachers from partner school districts and charter schools work in collaboration to support professional growth aligned to each student's personal goals. Additionally, the professional experience pathway provides students an opportunity to work directly with children and make an immediate impact on student achievement. This intensive, hands-on professional experience model of teacher preparation creates highly sought-after graduates and is unmatched in Arizona.

Graduates are recommended for grades K-8 elementary teacher certification. Those desiring to teach in a public school must pass the appropriate Arizona educator exams (National Evaluation Series or Arizona Educator Proficiency Assessments) to be certified to teach in the state of Arizona.

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TEESTEMBAE~null + &college=CTE>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

There is a demand for highly qualified elementary teachers in math or science in Arizona, according to recent research on teacher supply and demand. The job opportunities in a fast-growing state such as Arizona are numerous, and demand for math and science teachers will continue to grow.

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Secondary Education, BAE (TESEDBAE)

Campus: Polytechnic, Tempe, West, ASU@The Gila Valley, ASU@Yuma

Program Description:

This BAE degree program in secondary education is offered in two formats:

MyPath2ASU --- This degree program is offered on-site at ASU@The Gila Valley (in partnership with Eastern Arizona College) and ASU@Yuma (in partnership with Arizona Western College) through the MyPath2ASU program. Students may learn more here: <https://admission.asu.edu/transfer/pathway-program> (<https://admission.asu.edu/transfer/pathway-programs>).

Concurrent degree ---- ASU students at the Tempe, Polytechnic and West campuses can add the Bachelor of Arts in Education in secondary education to their primary degree in any secondary education content area. With this option, students can graduate with two degrees, a greater understanding of the field of education and certification to teach. More information is available here: <https://education.asu.edu/add-education-courses> (<https://education.asu.edu/add-education-courses>).

The Bachelor of Arts in Education programs in secondary education prepare educators to teach youth enrolled in grades 6-12. While teacher candidates develop a strong theoretical background in their specific content areas, the education program courses focus on developing the skills and teaching abilities required to be successful in the classroom. This program offers a Structured English Immersion endorsement to work with English language learners, and also provides extensive experiences integrating technology into teaching.

Specializations are typically available in the following content areas, depending on campus location: biology, business, chemistry, earth and space sciences, economics, English, general science, geography, history, math, physics, political science and some foreign languages.

The program's professional experience component provides students with an opportunity to work directly with children and make an immediate impact on classroom achievement. The primary goal of all professional experiences is to provide students with multiple opportunities to apply knowledge learned in coursework to practice in the classroom. Mary Lou Fulton Teachers College students complete internships during the junior and senior years, one day a week, while enrolled in upper-division education courses.

The culminating experience is a residency which requires working alongside a highly qualified certified lead teacher, full-time, for the entire semester. Mary Lou Fulton Teachers College faculty and highly qualified certified lead teachers from partner school districts and charter schools collaboratively coach interns and residents during required professional experiences. This intensive, hands-on model of teacher preparation creates highly sought-after graduates.

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 170 - Precalculus

Program Math Intensity: Moderate

Concurrent Degrees:

This degree is also offered as concurrent degree program with:

Biological Sciences, BS
Chemistry, BA

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Admission Requirements:

The MyPath2ASU™ pathway allows Arizona transfer students to complete a prescribed sequence of courses that meet the requirements for the community college's Associate of Arts degree along with the lower-division requirements for the ASU major.

Students completing their ASU degree at Yuma: Once the MyPath2ASU™ pathway requirements are complete, students complete the remaining requirements for the ASU bachelor's degree at the community college.

Students should visit <https://admission.asu.edu/transfer> (<https://admission.asu.edu/transfer>) for more information about ASU degrees offered at local community colleges.

Change of Major Requirements:

This program is only available as a concurrent degree at ASU's Tempe, Polytechnic and West campuses. Students should contact the advising office to add this program as a concurrent degree.

A current ASU student at ASU@The Gila Valley or ASU@Yuma must have completed all lower-division requirements and hold a 2.50 GPA in order to change majors to this program.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TESEDBAE~null + &college=CTE>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates from secondary education are recommended for certification in an approved area for grades 6-12. The demand for well-prepared secondary teachers is strong, particularly in the areas of math and science. Job opportunities in a fast growing state such as Arizona are numerous. Graduates with a degree in secondary education work in:

- charter schools
- private school settings
- public schools
- online schools

Contact Information:

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Secondary Education (Biological Sciences), BAE (TEBIOBAE)

Campus: Polytechnic, Tempe, West

Program Description:

BAE programs in secondary education prepare educators to teach youth enrolled in grades 6-12. While teacher candidates develop a strong theoretical background in their specific content areas, education program courses focus on developing the skills and teaching abilities required to be successful in the classroom. This program offers Structured English Immersion endorsement to work with English language learners, and also provides extensive experiences throughout the program in integrating technology into teaching.

Secondary education professional pathway programs are clinically embedded during the junior and senior years. The primary goal of all professional experiences is to provide students with multiple opportunities to apply knowledge learned in ASU coursework to practice in 6-12 grade classrooms. Mary Lou Fulton Teachers College students complete internships one day a week during the junior year and first semester of the senior year. In the final semester, students complete a full-time teaching residency. Mary Lou Fulton Teachers College faculty and highly qualified lead teachers from partner school districts and charter schools collaboratively coach interns and residents during required professional experiences.

The professional experience provided by the program provides students an opportunity to work directly with youth and make an immediate impact on classroom achievement. Students are also given the opportunity to work collaboratively with fellow interns in content area and interdisciplinary teams. This intensive, hands-on clinical experience model of teacher preparation creates highly sought-after graduates.

Graduates of the program desiring to teach in a public school must pass the appropriate Arizona educator exam to be certified to teach in the state of Arizona.

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 170 - Precalculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TEBIOBAE~null + &college=CTE>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates from secondary education are recommended for certification in an approved area for grades 6-12. The demand for well-prepared secondary teachers is strong, particularly in the areas of math and science. Job opportunities in a fast growing state such as Arizona are numerous. Graduates with a degree in secondary education work in:

- charter schools
- private school settings
- public schools

Contact Information:

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Secondary Education (Chemistry), BAE (TECHMBAE)

Campus: Polytechnic, Tempe, West

Program Description:

BAE programs in secondary education prepare educators to teach youth enrolled in grades 6-12. While teacher candidates develop a strong theoretical background in their specific content areas, education program courses focus on developing the skills and teaching abilities required to be successful in the classroom. This program offers a Structured English Immersion endorsement to work with English language learners, and also provides extensive experiences throughout the program in integrating technology into teaching.

professional experiences is to provide students with multiple opportunities to apply knowledge learned in ASU coursework to practice in 6-12 grade classrooms. Mary Lou Fulton Teachers College students complete internships one day a week during the junior year and first semester of the senior year. In the final semester, students complete a full-time teaching residency. Mary Lou Fulton Teachers College faculty and highly qualified lead teachers from partner school districts and charter schools collaboratively coach interns and residents during required professional experiences. The professional experience provided by the program provides students an opportunity to work directly with youth and make an immediate impact on classroom achievement. Students are also given the opportunity to work collaboratively with fellow interns in content area and interdisciplinary teams. This intensive, hands-on clinical experience model of teacher preparation creates highly sought-after graduates.

Graduates of the program desiring to teach in a public school must pass the appropriate Arizona educator exam to be certified to teach in the state of Arizona.

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 270 - Calculus w/Analytic Geometry I

Program Math Intensity: Substantial

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TECHMBAE-null + &college=CTE>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates from secondary education are recommended for certification in an approved area for grades 6-12. The demand for well-prepared secondary teachers is strong, particularly in the areas of math and science. Job opportunities in a fast growing state such as Arizona are numerous. Graduates with a degree in secondary education work in:

- charter schools
- private school settings
- public schools

Contact Information:

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Secondary Education (Earth and Space Sciences), BAE (EDESSBAE)

Campus: Polytechnic, Tempe, West

Program Description:

BAE programs in secondary education prepare educators to teach youth enrolled in grades 6-12. While teacher candidates develop a strong theoretical background in their specific content areas, education program courses focus on developing the skills and teaching abilities required to be

successful in the classroom. This program offers a Structured English Immersion endorsement to work with English language learners, and it provides extensive experiences throughout the program in integrating technology into teaching.

Secondary education professional pathway programs are clinically embedded during the junior and senior years. The primary goal of all professional experiences is to provide students with multiple opportunities to apply knowledge learned in ASU coursework to practice in 6-12 grade classrooms. Mary Lou Fulton Teachers College students complete internships one day a week during the junior year and first semester of the senior year. In the final semester, students complete a full-time teaching residency. Mary Lou Fulton Teachers College faculty and highly qualified lead teachers from partner school districts and charter schools collaboratively coach interns and residents during required professional experiences. The professional experience provided by the program provides students an opportunity to work directly with youth and make an immediate impact on classroom achievement. Students also are given the opportunity to work collaboratively with fellow interns in content area and interdisciplinary teams. This intensive, hands-on clinical experience model of teacher preparation creates highly sought-after graduates.

Graduates of the program desiring to teach in a public school must pass the appropriate Arizona educator exam to be certified to teach in the state of Arizona.

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=EDESSBAE~null + &college=CTE>) to outline a list of recommended courses to take prior to transfer.

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Career Opportunities:

Graduates from secondary education are recommended for certification in an approved area for grades 6-12. The demand for well-prepared secondary teachers is strong, particularly in the areas of math and science. Job opportunities in a fast growing state such as Arizona are numerous. Graduates with a degree in secondary education work in:

- charter schools
- private school settings
- public schools

Contact Information:

Teachers College, Mary Lou Fulton

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Secondary Education (English), BAE (TEENGBAE)

Campus: Polytechnic, Tempe, West

Program Description:

BAE programs in secondary education prepare educators to teach youth enrolled in grades 6-12. While teacher candidates develop a strong theoretical background in their specific content areas, education program courses focus on developing the skills and teaching abilities required to be successful in the classroom. This program offers a Structured English Immersion endorsement to work with English language learners, and also provides extensive experiences throughout the program in integrating technology into teaching.

Secondary education professional pathway programs are clinically embedded during the junior and senior years. The primary goal of all professional experiences is to provide students with multiple opportunities to apply knowledge learned in ASU coursework to practice in 6-12 grade classrooms. Mary Lou Fulton Teachers College students complete internships one day a week during the junior year and first semester of the senior year. In the final semester, students complete a full-time teaching residency. Mary Lou Fulton Teachers College faculty and highly qualified lead teachers from partner school districts and charter schools collaboratively coach interns and residents during required professional experiences. The professional experience provided by the program provides students an opportunity to work directly with youth and make an immediate impact on classroom achievement. Students are also given the opportunity to work collaboratively with fellow interns in content area and interdisciplinary teams. This intensive, hands-on clinical experience model of teacher preparation creates highly sought-after graduates.

Graduates of the program desiring to teach in a public school must pass the appropriate Arizona educator exam to be certified to teach in the state of Arizona.

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TEENGBAE~null + &college=CTE>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates from secondary education are recommended for certification in an approved area for grades 6-12. The demand for well-prepared secondary teachers is strong, particularly in the areas of math and science. Job opportunities in a fast growing state such as Arizona are numerous. Graduates with a degree in secondary education work in:

- charter schools
- private school settings
- public schools

Contact Information:

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Secondary Education (German), BAE (EDGERBAE)

Campus: Polytechnic, Tempe, West

ASU is no longer accepting new students to this program. Please explore Degree Search for other similar program options.

Program Description:

BAE programs in secondary education prepare educators to teach youth enrolled in grades 6-12. While teacher candidates develop a strong theoretical background in their specific content areas, education program courses focus on developing the skills and teaching abilities required to be successful in the classroom. This program offers a Structured English Immersion (SEI) endorsement to work with English language learners and also provides extensive experiences throughout the program in integrating technology into teaching.

In order to integrate teacher preparation with the secondary education requirements for an academic specialization, the college collaborates with academic departments across the university. The program offers the following secondary education certification areas: biological sciences, chemistry, earth and space sciences, English, history, mathematics, physical education, physics, political science and Spanish.

Secondary education professional pathway programs are clinically embedded during the junior and senior years. The primary goal of all professional experiences is to provide students with multiple opportunities to apply knowledge learned in ASU coursework to practice in 6-12 grade classrooms. Mary Lou Fulton Teachers College students complete internships one day a week during the junior year and first semester of the senior year. In the final semester, students complete a full-time teaching residency. Mary Lou Fulton Teachers College faculty and highly qualified lead teachers from partner school districts and charter schools collaboratively coach interns and residents during required professional experiences. The professional experience provided by the program provides students an opportunity to work directly with youth and make an immediate impact on classroom achievement. Students are also given the opportunity to work collaboratively with fellow interns in content area and interdisciplinary teams. This intensive, hands-on clinical experience model of teacher preparation creates highly sought-after graduates.

Graduates of the program desiring to teach in a public school must pass the appropriate Arizona educator exam to be certified to teach in the state of Arizona.

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=EDGERBAE-null + &college=CTE>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates from secondary education are recommended for certification in an approved area for grades 6-12. The demand for well-prepared secondary teachers is strong, particularly in the areas of math and science. Job opportunities in a fast growing state such as Arizona are numerous. Graduates with a degree in secondary education work in:

- charter schools
- private school settings
- public schools

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Secondary Education (History), BAE (TEHISBAE)

Campus: Polytechnic, Tempe, West

Program Description:

BAE programs in secondary education prepare educators to teach youth enrolled in grades 6-12. While teacher candidates develop a strong theoretical background in their specific content areas, education program courses focus on developing the skills and teaching abilities required to be successful in the classroom. This program offers a Structured English Immersion endorsement to work with English language learners, and also provides extensive experiences throughout the program in integrating technology into teaching.

Secondary education professional pathway programs are clinically embedded during the junior and senior years. The primary goal of all professional experiences is to provide students with multiple opportunities to apply knowledge learned in ASU coursework to practice in 6-12 grade classrooms. Mary Lou Fulton Teachers College students complete internships one day a week during the junior year and first semester of the senior year. In the final semester, students complete a full-time teaching residency. Mary Lou Fulton Teachers College faculty and highly qualified lead teachers from partner school districts and charter schools collaboratively coach interns and residents during required professional experiences. The professional experience provided by the program provides students an opportunity to work directly with youth and make an immediate impact on classroom achievement. Students are also given the opportunity to work collaboratively with fellow interns in content area and interdisciplinary teams. This intensive, hands-on clinical experience model of teacher preparation creates highly sought-after graduates.

Graduates of the program desiring to teach in a public school must pass the appropriate Arizona educator exam to be certified to teach in the state of Arizona.

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transferecreditguide/app/transfermap?major=TEHISBAE~null + &college=CTE>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates from the secondary education program are recommended for certification in an approved area for grades 6-12. The demand for well-prepared secondary teachers is strong, particularly in the areas of math and science. Job opportunities in a fast growing state such as Arizona are numerous. Graduates with a degree in secondary education work in:

- charter schools
- private school settings

- public schools

Contact Information:

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Secondary Education (Mathematics), BAE (TEMATBAE)

Campus: Polytechnic, Tempe, West

Program Description:

BAE programs in secondary education prepare educators to teach youth enrolled in grades 6-12. While teacher candidates develop a strong theoretical background in their specific content areas, education program courses focus on developing the skills and teaching abilities required to be successful in the classroom. This program offers a Structured English Immersion endorsement for working with English language learners and also provides extensive experiences throughout the program in integrating technology into teaching.

Secondary education professional pathway programs are clinically embedded during the junior and senior years. The primary goal of all professional experiences is to provide students with multiple opportunities to apply knowledge learned in ASU coursework to practice in 6-12 grade classrooms. Mary Lou Fulton Teachers College students complete internships one day a week during the junior year and first semester of the senior year. In the final semester, students complete a full-time teaching residency. Mary Lou Fulton Teachers College faculty and highly qualified lead teachers from partner school districts and charter schools collaboratively coach interns and residents during required professional experiences. The professional experience provided by the program provides students an opportunity to work directly with youth and make an immediate impact on classroom achievement. Students are also given the opportunity to work collaboratively with fellow interns in content area and interdisciplinary teams. This intensive, hands-on clinical experience model of teacher preparation creates highly sought-after graduates.

Graduates of the program desiring to teach in a public school must pass the appropriate Arizona educator exam to be certified to teach in the state of Arizona.

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 270 - Calculus w/Analytic Geometry I

Program Math Intensity: Substantial

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TEMATBAE~null + &college=CTE>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates from the secondary education program are recommended for certification in an approved area for grades 6-12. The demand for well-prepared secondary teachers is strong, particularly in the areas of math and science. Job opportunities in a fast growing state such as Arizona are

numerous. Graduates with a degree in secondary education work in:

- charter schools
- private school settings
- public schools

Contact Information:

Teachers College, Mary Lou Fulton
Division of Teacher Preparation
<https://education.asu.edu>
ED 118
ASUeducation@asu.edu
480-965-5555

Secondary Education (Physical Education), BAE (ECPPEBAE)

Campus: Polytechnic

Program Description:

The BAE program in secondary education with a physical education concentration leads to a K-12 teaching certificate. While teacher candidates develop a strong theoretical background in their specific content areas, the program focuses on developing the requisite teaching knowledge and abilities to successfully teach elementary, middle or high school students. The curriculum directly aligns with Arizona's standards for teachers and the National Association for Sport and Physical Education's beginning teacher standards. This program also provides extensive experiences throughout the program in integrating technology into teaching.

The secondary education teacher certification program is clinically embedded during the junior and senior years. The primary goal of all professional experiences is to provide interns and residents with multiple opportunities to directly apply knowledge learned in coursework in preK-12 classrooms. Mary Lou Fulton Teachers College students complete internships during the junior year that require one day per week in grades 6-12 classrooms. The professional experience in physical education includes one half-time teaching experience in the elementary school level in term seven and a secondary school setting during term eight. The experience occurs in the morning hours and is followed by further coursework in the afternoons and evenings. Mary Lou Fulton Teachers College faculty and highly qualified lead certified teachers from partner school districts and charter schools collaboratively coach interns and residents required professional experiences. Students have the opportunity to work directly with children and make an immediate impact on student achievement. This intensive hands-on professional experience model of teacher preparation creates highly sought-after graduates.

Graduates of the physical education program who desire to teach in a public school must pass the appropriate Arizona educator exams (either the National Evaluation Series or Arizona Educator Proficiency Assessments) to be certified in the state of Arizona. The physical education program also requires its graduates to pass the National Evaluation Series' Physical Education Content Knowledge test for graduation.

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements: Students will be admitted to the preprofessional status and must complete additional requirements for entrance to the professional status. Students should see the department web site for more information.

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ECPPEBAE~null + &college=CTE>) to outline a list of

recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates from secondary education with a physical education concentration are recommended for certification for grades K-12. The demand for well-prepared secondary teachers is strong, with placement rates at approximately 98% during the last 10 years. Job opportunities in a fast growing state such as Arizona are numerous. Graduates with a degree in secondary education work in:

- charter schools
- private school settings
- public schools

Contact Information:

Teachers College, Mary Lou Fulton
Division of Teacher Preparation
<https://education.asu.edu/>
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ASUeducation@asu.edu
480-727-1103

Secondary Education (Physics), BAE (EDPHYBAE)

Campus: Polytechnic, Tempe, West

Program Description:

BAE programs in secondary education prepare educators to teach youth enrolled in grades 6-12. While teacher candidates develop a strong theoretical background in their specific content areas, education program courses focus on developing the skills and teaching abilities required to be successful in the classroom. This program offers a Structured English Immersion endorsement to work with English language learners, and it provides extensive experiences throughout the program in integrating technology into teaching.

Secondary education professional pathway programs are clinically embedded during the junior and senior years. The primary goal of all professional experiences is to provide students with multiple opportunities to apply knowledge learned in ASU coursework to practice in 6-12 grade classrooms. Mary Lou Fulton Teachers College students complete internships one day a week during the junior year and first semester of the senior year. In the final semester, students complete a full-time teaching residency. Mary Lou Fulton Teachers College faculty and highly qualified lead teachers from partner school districts and charter schools collaboratively coach interns and residents during required professional experiences. The professional experience provided by the program provides students an opportunity to work directly with youth and make an immediate impact on classroom achievement. Students also are given the opportunity to work collaboratively with fellow interns in content area and interdisciplinary teams. This intensive, hands-on clinical experience model of teacher preparation creates highly sought-after graduates.

Graduates of the program desiring to teach in a public school must pass the appropriate Arizona educator exam to be certified to teach in the state of Arizona.

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 270 - Calculus w/Analytic Geometry I

Program Math Intensity: Substantial

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=EDPHYBAE~null + &college=CTE>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates from secondary education are recommended for certification in an approved area for grades 6-12. The demand for well-prepared secondary teachers is strong, particularly in the areas of math and science. Job opportunities in a fast growing state such as Arizona are numerous. Graduates with a degree in secondary education work in:

- charter schools
- private school settings
- public schools

Contact Information:

Teachers College, Mary Lou Fulton
Division of Teacher Preparation
<https://education.asu.edu/>
ED 118
ASUeducation@asu.edu
480-965-5555

Secondary Education (Political Science), BAE (TEPOLBAE)

Campus: Polytechnic, Tempe, West

Program Description:

BAE programs in secondary education prepare educators to teach youth enrolled in grades 6-12. While teacher candidates develop a strong theoretical background in their specific content areas, education program courses focus on developing the skills and teaching abilities required to be successful in the classroom. This program offers a Structured English Immersion endorsement to work with English language learners, and also provides extensive experiences throughout the program in integrating technology into teaching.

Secondary education professional pathway programs are clinically embedded during the junior and senior years. The primary goal of all professional experiences is to provide students with multiple opportunities to apply knowledge learned in ASU coursework to practice in 6-12 grade classrooms. Mary Lou Fulton Teachers College students complete internships one day a week during the junior year and first semester of the senior year. In the final semester, students complete a full-time teaching residency. Mary Lou Fulton Teachers College faculty and highly qualified lead teachers from partner school districts and charter schools collaboratively coach interns and residents during required professional experiences. The professional experience provided by the program provides students an opportunity to work directly with youth and make an immediate impact on classroom achievement. Students also are given the opportunity to work collaboratively with fellow interns in content area and interdisciplinary teams. This intensive, hands-on clinical experience model of teacher preparation creates highly sought-after graduates.

Graduates of the program desiring to teach in a public school must pass the appropriate Arizona educator exam to be certified to teach in the state of Arizona.

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercrreditguide/app/transfermap?major=TEPOLBAE~null + &college=CTE>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates from secondary education are recommended for certification in an approved area for grades 6-12. The demand for well-prepared secondary teachers is strong, particularly in the areas of math and science. Job opportunities in a fast growing state such as Arizona are numerous. Graduates with a degree in secondary education work in:

- charter schools
- private school settings
- public schools

Contact Information:

Teachers College, Mary Lou Fulton
Division of Teacher Preparation
<https://education.asu.edu>
ED 118
ASUeducation@asu.edu
480-965-5555

Secondary Education (Spanish), BAE (TESPABAE)

Campus: Polytechnic, Tempe, West

Program Description:

BAE programs in secondary education prepare educators to teach youth enrolled in grades 6-12. While teacher candidates develop a strong theoretical background in their specific content areas, education program courses focus on developing the skills and teaching abilities required to be successful in the classroom. This program offers a Structured English Immersion endorsement to work with English language learners and also provides extensive experiences throughout the program in integrating technology into teaching.

Secondary education professional pathway programs are clinically embedded during the junior and senior years. The primary goal of all professional experiences is to provide students with multiple opportunities to apply knowledge learned in ASU coursework to practice in 6-12 grade classrooms. Mary Lou Fulton Teachers College students complete internships one day a week during the junior year and first semester of the senior year. In the final semester, students complete a full-time teaching residency. Mary Lou Fulton Teachers College faculty and highly qualified lead teachers from partner school districts and charter schools collaboratively coach interns and residents during required professional experiences. The professional experience provided by the program provides students an opportunity to work directly with youth and make an immediate impact on classroom achievement. Students are also given the opportunity to work collaboratively with fellow interns in content area and interdisciplinary teams. This intensive, hands-on clinical experience model of teacher preparation creates highly sought-after graduates.

Graduates of the program desiring to teach in a public school must pass the appropriate Arizona educator exam to be certified to teach in the state of Arizona.

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TESPABAE~null + &college=CTE>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates from secondary education are recommended for certification in an approved area for grades 6-12. The demand for well-prepared secondary teachers is strong, particularly in the areas of math and science. Job opportunities in a fast growing state such as Arizona are numerous. Graduates with a degree in secondary education work in:

- charter schools
- private school settings
- public schools

Contact Information:

Teachers College, Mary Lou Fulton

Division of Teacher Preparation

<https://education.asu.edu/>

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ASUeducation@asu.edu

480-965-5555

Special Education (Visual Impairment), BAE (TESPEVIBAE)

Campus: Tempe, West

Program Description:

The BAE in Special Education with a concentration in Visual Impairment prepares graduates to work with blind and partially sighted students across educational settings. It leads to dual-certification in Visual Impairment (birth--grade 12) and Mild-Moderate Special Education (K--12).

This degree provides a strong foundation in evidence-based, high-leverage practices in special education. The visual impairment concentration focuses on diagnostic assessment, orientation and mobility skills, and specific teaching methodologies for students with visual impairments. It includes a strong focus on assistive technology to advance learning in the classroom and in daily life. Candidates are taught to work collaboratively with parents, classroom teachers and related service personnel to meet the unique needs of students with visual impairments. The curriculum is aligned with Arizona and national standards consistent with the Council for Exceptional Children.

Starting in Term 5, the program is delivered in partnership with the Foundation for Blind Children in Phoenix, Arizona. Courses are taught by faculty associates from FBC and full-time ASU faculty to provide candidates with theoretical and practical perspectives on teaching and learning for individuals with visual impairments. Students take face-to-face classes at an ASU campus and the FBC main campus.

Professional experiences (internships and student teaching) take place at the Foundation for Blind Children and within a local school district, providing experiences that prepare students to teach in self-contained and inclusive settings.

The courses within this degree and concentration meet the requirements for two teaching certificates offered by the Arizona Department of Education: Visually Impaired Special Education, birth--grade 12 and Mild-Moderate Disabilities Special Education, K--12. The program also offers a full Structured English Immersion endorsement (Structured English Immersion, Pre-K--12) to work with English language learners, and provides extensive experiences in integrating technology into teaching.

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercrreditguide/app/transfermap?major=TESPEVIBAE-null + &college=CTE>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

Graduates are certified to teach in a variety of special education settings such as resource rooms, self-contained classrooms and co-teaching with general educators. This degree and accompanying concentrations carries with it reciprocity with all other states to allow the certification candidates to teach in other states. Additional opportunities in the field of education also exist in terms of state agencies, curriculum design and private school opportunities.

Contact Information:

Teachers College, Mary Lou Fulton

Division of Teacher Preparation

<https://education.asu.edu/>

ED 118

ASUeducation@asu.edu

480-965-5555

Special Education and Elementary Education, BAE (TESPEBAE)

Campus: Polytechnic, Tempe, West, ASU@The Gila Valley, ASU@Yuma

Program Description:

Special educators make a difference in the lives of children and families. They are curious about how people learn and develop throughout their lifespan. A special education degree prepares students to understand human diversity, communicate effectively and develop problem-solving skills that support their success and that of others.

The BAE in special education and elementary education prepares teachers to work with all students in inclusive settings. Since the general education classroom is a viable placement option for many students with mild and moderate learning and behavioral disabilities, teacher candidates learn to use evidence-based practices that promote students' success with general education content, including high leverage practices in literacy, math, sciences and social studies. They develop adaptive techniques for students with disabilities and learn to use instructional and assistive technologies to facilitate success in the general education curriculum. Since special educators work within collaborative partnerships that promote inclusive practices, these skills are emphasized throughout the professional preparation sequence, with additional training in interpersonal communication and problem-solving skills.

The special education and elementary education program is clinically embedded during the junior and senior years. It provides teacher candidates with multiple opportunities to work directly with children and youth to practice what is learned during coursework in authentic settings. During the junior year, teacher candidates intern in classrooms serving students with special needs. The residency is a full-time, two-semester experience. Mary Lou Fulton Teachers College works with school partners to form students into teams of three or four residents or interns who work across classrooms, working together and working under the supervision of a certified lead teacher in the school. This intensive, hands-on model of teacher preparation creates highly sought-after graduates.

Graduates are eligible for the Standard Professional Mild/Moderate Disabilities Special Education Certificate - Grades K-12 and the Standard Professional Elementary, K-8 Certificate from the Arizona Department of Education. Those desiring to teach in a public school in Arizona must also pass the appropriate Arizona educator exams: National Evaluation Series or Arizona Educator Proficiency Assessments.

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Change of Major Requirements:

A current ASU student has no additional requirements for changing majors.

Students should refer to <https://changingmajors.asu.edu/request> for information about how to change a major to this program.

Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use the Transfer Map search (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TESPEBAE~null + &college=CTE>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: <https://admission.asu.edu/transfer/pathway-programs>.

Career Opportunities:

National and state studies report the projected need in the next five to 10 years will be high for special education teachers. Graduates of the program are eligible to teach in elementary education grades K-8 and K-12 for the following high-incidence disabilities:

- emotional disorders
- intellectual disabilities (mild or moderate)
- orthopedic impairments
- other health impairments
- specific learning disabilities

Graduates can teach in a variety of inclusive educational settings, including public, charter and private schools, as well as nontraditional settings (juvenile system, children's hospital, etc.).

Contact Information:

Teachers College, Mary Lou Fulton

Division of Teacher Preparation

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480-965-5555

2020 - 2021 Major Map

Accountancy, BS





School/College: W. P. Carey School of Business







Location: Tempe campus, West campus


BAACCBS

FT Fast Track Options: 3 Year

A student must speak with an advisor in order to be added to a fast track plan.

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  ACC 101: Accountancy LEAP Program | 1 | | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. ACC 101 is the W. P. Carey School course that meets this requirement • Join a student club or organization • Create your first college resume |
| CIS 105: Computer Applications and Information Technology (CS) | 3 | C | |
| MAT 210: Brief Calculus (MA) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| SOC course (SB) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
|  Business Skills Courses: No Grades of D or E | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31.25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| MAT 211: Mathematics for Business Analysis | 3 | C | <ul style="list-style-type: none"> • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • COM 230 is the recommended course. • Join the W. P. Carey mentorship programs • Explore student leadership opportunities in W. P. Carey • Research study abroad opportunities recommended for your major |
| ECN 211: Macroeconomic Principles (SB) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
| COM 100: Introduction to Human Communication (SB) OR COM 230: Small Group Communication (SB) | 3 | | |
| PSY course (SB) | 3 | | |
|  Complete CIS 105 course with a grade of "C" or better. | | | |
|  Complete MAT 210 with a grade of "C" or better. | | | |
|  Business Skills Courses: No Grades of D or E | | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15.25 | | |

| Term 3 31.25 - 47.50 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ACC 232: Financial Accounting I | 3 | C | <ul style="list-style-type: none"> • Continuing first-year students will take WPC 248, after completing WPC 148 • New transfer students will take WPC 347. |
| ECN 212: Microeconomic Principles (SB) | 3 | C | |
| ECN 221: Business Statistics (CS) | 3 | C | |

| | | |
|---|-------|---|
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C |
| Natural Science - Quantitative (SQ) | 4 | |
| Cultural Diversity in the U.S. (C) | 3 | |
| ❖ Complete MAT 211 with a grade of "C" or better. | | |
| ❖ Complete ECN 211 OR ECN 212 with a grade of "C" or better. | | |
| ❖ Business Skills Courses: No Grades of D or E | | |
| ❖ Minimum 2.00 GPA ASU Cumulative. | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 16.25 | |

- Explore [career resources](#)
- Develop your [professional online presence](#)
- Meet with your [W. P. Carey Career Coach](#)
- Attend [W. P. Carey and ASU Career Fairs](#)

| Term 4 47.50 - 61.50 Credit Hours Critical course signified by ❖ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ACC 242: Managerial Accounting I | 3 | C | |
| COM 225: Public Speaking (L) OR COM 259: Communication in Business and the Professions | 3 | | |
| Upper Division Humanities, Arts and Design (HU) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Elective | 1 | | |
| ❖ Complete ACC 232 with a grade of "C" or better. | | | |
| ❖ Complete ECN 221 with a grade of "C" or better. | | | |
| ❖ Business Skills Courses: No Grades of D or E | | | |
| ❖ Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 14 | | |

- COM 225 is the recommended course.
- Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your [academic advisor](#) for more information and options.
- Attend [W. P. Carey and ASU career fairs](#)
- Apply for [internships](#) or [create one](#)

| Term 5 61.50 - 76.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ ACC 340: External Reporting I | 3 | C | |
| ★ FIN 300: Fundamentals of Finance | 3 | C | |
| WPC 348: Junior Networking Foundations | 0.25 | C | |
| ACC 350: Internal Reporting | 3 | C | |
| ENG 302: Business Writing (L) | 3 | | |
| MKT 300: Marketing and Business Performance | 3 | C | |
| ★ Complete ACC 242 with a grade of "C" or better. | | | |
| Term hours subtotal: | 15.25 | | |

- Students pursuing concurrent degrees within [W. P. Carey](#) cannot share coursework in the major. Major coursework must be unique to each degree program.
- Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your [academic advisor](#) for more information and options.
- Meet with your [W. P. Carey Career Coach](#)
- Update your [resume](#)

| Term 6 76.75 - 91.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ ACC 440: External Reporting II | 3 | C | |
| CIS 360: Business Database Concepts | 3 | C | |
| MGT 300: Organization and Management Leadership | 3 | C | |
| SCM 300: Global Supply Operations | 3 | C | |
| Upper Division International Business Course AND Global Awareness (G) | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |

- Complete [informational interviews](#)
- Complete an in person or virtual practice interview with your [W. P. Carey Career Coach](#)

Term hours subtotal: 15

| Term 7 91.75 - 106.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ ACC 444: Enterprise Process Analysis and Design | 3 | C | <ul style="list-style-type: none"> Accounting Internship Track students will replace Term 7 courses with courses listed in "Accounting Internship Track Term 7 Courses" All upper-division Business Core classes (including International Business course) must be completed before enrolling in WPC 480 Attend W. P. Carey and ASU Career Fairs Gather professional references Update your resume Apply for full-time career opportunities |
| ★ LES 305: Business Law and Ethics for Managers | 3 | C | |
| ACC 360: Ethics for Professional Accountants | 3 | C | |
| WPC 300: Problem Solving and Actionable Analytics | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 106.75 - 120.00 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ WPC 480: W. P. Carey Capstone Course (L) | 3 | C | <ul style="list-style-type: none"> Accounting Internship Track students will replace Term 8 courses with courses listed in "Accounting Internship Track Term 8 Courses" Apply for full-time career opportunities Meet with your academic advisor to discuss your internship course options |
| ACC 430: Taxes and Business Decisions | 3 | C | |
| ACC 450: Principles of Auditing | 3 | C | |
| WPC 448: Senior Career Transition Management | 0.25 | C | |
| Elective OR WPC 484: Internship | 3 | | |
| Elective | 1 | | |
| Term hours subtotal: | 13.25 | | |

• **Accounting Internship Track**

To be eligible, students must be W. P. Carey Accountancy majors who have completed a minimum of 72 credit hours of coursework and earned a minimum cumulative GPA of 3.50 and a minimum major (ACC) GPA of 3.50. The following courses must be completed with a "C" or better prior to starting the internship: ACC 340, ACC 350, ACC 430, ACC 440, ACC 450.

Students in the Accounting Internship Track (<https://wpcarey.asu.edu/accounting-degrees/masters-internships>) complete the following courses in terms 7 and 8.

- Term 7 Note: Courses are 3 credit hours each, with the exception of Elective - 2 credit hours.
- Term 8 Note: Courses are 3 credit hours each, with the exception of ACC 484: Internship - 6 credit hours.
- Term 8 Note: ACC 484: Internship is offered Session A only. Interns are required to work full-time, 40 hours/week.

Hide Course List(s)/Track Group(s)

| Upper Division International Business Course - select one course (3 credit hours) | Accounting Internship Track- Term 7 Courses (14 credit hrs) | Accounting Internship Track- Term 8 Courses (15 credit hrs) |
|---|---|---|
| AGB 302: International Management and Agribusiness (G) | ACC 430: Taxes and Business Decisions | ACC 360: Ethics for Professional Accountants |
| ECN 306: Survey of International Economics (SB & G) | ACC 450: Principles of Auditing | ACC 444: Enterprise Process Analysis and Design |
| | CIS 360: Business Database Concepts | |

| | | |
|---|--|---------------------------------|
| MGT 302: Principles of International Business (G) | WPC 480: W. P. Carey Capstone Course (L) Elective | ACC 484: Internship Elective |
| MKT 425: Global Marketing Management (G) | | |
| SCM 463: Global Supply Chain Management (G) | | |
| Business Skills Courses - No Grades of D or E | | |
| ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting | | |
| ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting | | |
| CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS) | | |
| ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB) | | |
| ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB) | | |
| ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS) | | |
| MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA) | | |
| MAT 211: Mathematics for Business Analysis or MAT 271: Calculus with Analytic Geometry II (MA) | | |

Total Hours: 120
Upper Division Hours: 50 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.





2020 - 2021 Major Map







Business, BA


School/College: [W. P. Carey School of Business](#)

Location: [Polytechnic campus](#), [Tempe campus](#), [West campus](#)

BABUSBA

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  WPC 101: Student Success in Business | 1 | | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement • Complete the me3 career interest tool • Join a student club or organization • Create your first college resume |
| CIS 105: Computer Applications and Information Technology (CS) | 3 | C | |
| MAT 210: Brief Calculus (MA) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| SOC course (SB) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
|  Business Skills Courses: No Grades of D or E | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31.25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| MAT 211: Mathematics for Business Analysis | 3 | C | <ul style="list-style-type: none"> • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Attend W. P. Carey and ASU Career Fairs • Join the W. P. Carey mentorship programs • Explore student leadership opportunities in W. P. Carey • Research study abroad opportunities recommended for your major |
| ECN 211: Macroeconomic Principles (SB) | 3 | C | |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions | 3 | | |
| PSY course (SB) | 3 | | |
|  Complete CIS 105 with a grade of "C" or better. | | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Complete MAT 210 with a grade of "C" or better. | | | |
|  Business Skills Courses: No Grades of D or E | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15.25 | | |

| Term 3 31.25 - 47.50 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ACC 231: Uses of Accounting Information I | 3 | C | <ul style="list-style-type: none"> • Continuing first-year students will take WPC 248, after completing WPC 148 • New transfer students will take WPC 347 • Explore career resources • Develop your professional online presence • Meet with your W. P. Carey Career Coach |
| ECN 212: Microeconomic Principles (SB) | 3 | C | |
| ECN 221: Business Statistics (CS) | 3 | C | |
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C | |
| | | | |

| | |
|--|-------|
| Historical Awareness (H) | 3 |
| Natural Science - Quantitative (SQ) | 4 |
| Complete ECN 211 or ECN 212 with a grade of "C" or better. | |
| Complete MAT 211 with a grade of "C" or better. | |
| Milestone: Selection of a concentration | |
| Business Skills Courses: No Grades of D or E | |
| Minimum 2.00 GPA ASU Cumulative. | |
| Complete Mathematics (MA) requirement. | |
| Term hours subtotal: | 16.25 |

- Attend **W. P. Carey** and ASU Career Fairs
- Must declare concentration by end of term 3.

- Not selectable as an ASU admission option.
- Change of major into this program is not allowed.
- Must declare concentration by the end of Term 3.

Hide Course List(s)/Track Group(s)

Business Skills Courses - No Grades of D or E

ACC 231: Uses of Accounting Information I
or ACC 232: Financial Accounting I or ACC
261: Honors Fundamentals of Financial
Accounting

ACC 241: Uses of Accounting Information II
or ACC 242: Managerial Accounting I or ACC
271: Honors Fundamentals of Managerial
Accounting

CIS 105: Computer Applications and
Information Technology (CS) or CIS 236:
Honors Introduction to Information Systems
(CS)

ECN 211: Macroeconomic Principles (SB) or
ECN 213: Honors Macroeconomics (SB)

ECN 212: Microeconomic Principles (SB) or
ECN 214: Honors Microeconomics (SB)

ECN 221: Business Statistics (CS) or ECN
231: Honors Business Statistics (CS)

MAT 210: Brief Calculus (MA) or MAT 270:
Calculus with Analytic Geometry I (MA)

MAT 211: Mathematics for Business Analysis
or MAT 271: Calculus with Analytic
Geometry II (MA)

Total Hours: 47.5

Upper Division Hours: 50 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.












2020 - 2021 Major Map

Business (Business Administration), BA

School/College: W. P. Carey School of Business

Location: Polytechnic campus, West campus, ASU@Lake Havasu

BABUSBABA

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  WPC 101: Student Success in Business | 1 | | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement. See academic advisor for appropriate Student Success course requirement if not a first-time freshman • Join a student club or organization • Create your first college resume |
| CIS 105: Computer Applications and Information Technology (CS) | 3 | C | |
| MAT 210: Brief Calculus (MA) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| SOC course (SB) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
|  Business Skills Courses: No Grades of D or E | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |
| | | | |
| Term 2 16 - 31.25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
| ECN 211: Macroeconomic Principles (SB) | 3 | C | <ul style="list-style-type: none"> • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Join the W. P. Carey mentorship programs • Explore student leadership opportunities in W. P. Carey • Research study abroad opportunities recommended for your major |
| MAT 211: Mathematics for Business Analysis | 3 | C | |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions | 3 | | |
| PSY course (SB) | 3 | | |
|  Complete CIS 105 with a grade of "C" or better. | | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Complete MAT 210 with a grade of "C" or better. | | | |
|  Business Skills Courses: No Grades of D or E | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15.25 | | |
| | | | |
| Term 3 31.25 - 47.50 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
| ACC 231: Uses of Accounting Information I | 3 | C | <ul style="list-style-type: none"> • Continuing first-year students will take WPC 248, after completing WPC 148 • New transfer students will take WPC 347 • Explore career resources • Develop your professional online presence |
| ECN 212: Microeconomic Principles (SB) | 3 | C | |
| ECN 221: Business Statistics (CS) | 3 | C | |

| | | |
|---|-------|---|
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C |
| Natural Science - Quantitative (SQ) | 4 | |
| Elective | 3 | |
| ❖ Complete ECN 211 or ECN 212 with a grade of "C" or better. | | |
| ❖ Complete MAT 211 with a grade of "C" or better. | | |
| ❖ Business Skills Courses: No Grades of D or E | | |
| ❖ Minimum 2.00 GPA ASU Cumulative. | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 16.25 | |

- Meet with your **W. P. Carey Career Coach**
- Attend **W. P. Carey** and **ASU Career Fairs**

| Term 4 47.50 - 62.50 Credit Hours Critical course signified by ❖ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ACC 241: Uses of Accounting Information II | 3 | C | <ul style="list-style-type: none"> • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Attend W. P. Carey and ASU career fairs • Apply for internships or create one |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Upper Division Elective | 2 | | |
| ❖ Complete ACC 231 with a grade of "C" or better. | | | |
| ❖ Complete ECN 221 with a grade of "C" or better. | | | |
| ❖ Business Skills Courses: No Grades of D or E | | | |
| ❖ Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 5 62.50 - 77.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ MGT 300: Organization and Management Leadership | 3 | C | <ul style="list-style-type: none"> • Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program. • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Meet with your W. P. Carey Career Coach • Update your resume |
| ★ SCM 300: Global Supply Operations | 3 | C | |
| ENG 302: Business Writing (L) | 3 | | |
| MKT 300: Marketing and Business Performance | 3 | C | |
| WPC 348: Junior Networking Foundations | 0.25 | C | |
| General Studies Elective | 3 | | |
| ★ Complete ACC 241 with a grade of "C" or better. | | | |
| Term hours subtotal: | 15.25 | | |

| Term 6 77.75 - 92.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ MGT 411: Leading Organizations | 3 | C | <ul style="list-style-type: none"> • Complete informational interviews • Complete an in person or virtual practice interview with your W. P. Carey Career Coach |
| WPC 300: Problem Solving and Actionable Analytics | 3 | C | |
| Upper Division Business Administration Track or Procurement Track Course | 3 | C | |
| Upper Division International Business Elective AND Global Awareness (G) | 3 | C | |
| General Studies Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |

Term hours subtotal: 15

| Term 7 92.75 - 107.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|--------------|----------------------|--|
| ★ BUS 384: Business Operations and Planning | 3 | C | <ul style="list-style-type: none"> • All Upper Division Business Core classes (including International Business course) must be completed before enrolling in WPC 470 • Attend W. P. Carey and ASU Career Fairs • Gather professional references • Update your resume • Meet with your academic advisor to discuss your internship course options |
| FIN 300: Fundamentals of Finance | 3 | C | |
| LES 305: Business Law and Ethics for Managers | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) | 3 | | |
| Upper Division Elective OR WPC 484: Internship | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 107.75 - 120.00 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|--------------|----------------------|---|
| ★ WPC 470: Business Administration Capstone | 3 | C | <ul style="list-style-type: none"> • Apply for full-time career opportunities |
| WPC 448: Senior Career Transition Management | 0.25 | C | |
| <i>Complete 2 courses:</i> | | | |
| Upper Division Business Administration Track or Procurement Track Course | 6 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 12.25 | | |

- Procurement Track Courses are only available at the West campus.
- W. P. Carey School of Business students may not use courses with the following prefixes to satisfy General Education course requirements: ACC, AGB, BUA, BUS, CIS, ECN, FIN, LES, MGT, MKT, QBA, REA, SCM, WPC.
- Courses that qualify as meeting the General Education course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.
- **ASU Language Placement:** Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned.

Hide Course List(s)/Track Group(s)

| Business Administration Track Courses - select 3 courses (9 credit hours) | Procurement Track Courses (offered at the West campus only) - 3 courses (9 credit hours) | Upper Division International Business Course- select one course (3 credit hours) |
|---|--|--|
| AGB 414: Food and Agribusiness Policy Issues (L) | SCM 354: Procurement of Services | AGB 302: International Management and Agribusiness (G) |
| AGB 420: Food Advertising and Promotion | SCM 494: Advanced Procurement | ECN 306: Survey of International Economics (SB & G) |
| AGB 425: Food Supply Networks | SCM 494: Public & Non-Profit Procurement | MGT 302: Principles of International Business (G) |
| AGB 435: Commodity Futures and Options Markets | | MKT 425: Global Marketing Management (G) |
| AGB 445: Food Retailing | | SCM 463: Global Supply Chain Management (G) |
| AGB 452: Global Food and Agricultural Trade | | |

AGB 456: Food Product Innovation and Development

AGB 481: Strategic Pricing in Food Markets

BUS 424: Sales and Negotiations

BUS 434: Business Risk Management

COM 353: Professional Communication

MGT 400: Cross-Cultural Management (C & G)

MGT 420: Human Resource Management

MGT 421: Compensation in Organizations

MGT 422: Staffing

MGT 423: Training and Development in Organizations

MGT 424: Employment Law

MGT 425: Global Human Resources

MGT 430: Negotiations

PHI 360: Business and Professional Ethics (HU)

PSY 304: Effective Thinking (L)

SCM 354: Procurement of Services

SCM 385: Business and Sustainability I

TMC 320: Funding the Enterprise

TWC 422: Social Media in the Workplace

| General Studies Electives | General Studies Electives Continued | Business Skills Courses - No Grades of D or E |
|--|---|---|
| ASL 101: American Sign Language I | LAT 101: Elementary Latin | ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting |
| ASL 102: American Sign Language II | LAT 102: Elementary Latin | |
| ASL 201: American Sign Language III | MAT 242: Elementary Linear Algebra | ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting |
| ASL 202: American Sign Language IV | MAT 243: Discrete Mathematical Structures | |
| BIO 320: Fundamentals of Ecology | MAT 310: Introduction to Geometry | CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS) |
| CHI 110: Intensive Chinese I | MAT 342: Linear Algebra | |
| CHI 205: Chinese Calligraphy | MAT 370: Intermediate Calculus | ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB) |
| COM 207: Introduction to Communication Inquiry | MAT 371: Advanced Calculus I | |
| COM 259: Communication in Business and the Professions | MAT 372: Advanced Calculus II | ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB) |
| COM 281: Communication Activities | MAT 410: Introduction to General Topology | |
| COM 312: Communication Conflict and Negotiation | MAT 415: Introduction to Combinatorics | ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS) |
| | MAT 416: Graph Theory | |
| | MAT 442: Advanced Linear Algebra | |

| | | |
|---|---|--|
| COM 341: Social Contexts for Performance | MAT 443: Introduction to Abstract Algebra | MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA) |
| COM 414: Crisis Communication | MAT 444: Intermediate Abstract Algebra | MAT 211: Mathematics for Business Analysis or MAT 271: Calculus with Analytic Geometry II (MA) |
| COM 430: Leadership in Group Communication | MAT 445: Theory of Numbers | |
| COM 453: Communication Training and Development | MAT 460: Vector Calculus | |
| COM 465: Intercultural Communication Workshop | MAT 461: Applied Complex Analysis | |
| ENG 210: Introduction to Creative Writing | MAT 462: Applied Partial Differential Equations | |
| ENG 213: Introduction to the Study of Language | MAT 472: Intermediate Real Analysis I | |
| ENG 310: Intermediate Creative Writing | MAT 475: Differential Equations | |
| ENG 314: Modern Grammar | MAT 485: History of Mathematics | |
| ENG 345: Selected Authors or Issues | POR 101: Elementary Portuguese I | |
| FAS 301: Introduction to Parenting | POR 102: Elementary Portuguese II | |
| GCU 433: Geography of Southeast Asia | ROM 101: Elementary Romanian | |
| GRK 101: Elementary Ancient Greek | ROM 201: Intermediate Romanian | |
| GRK 201: Intermediate Ancient Greek | ROM 313: Romanian Composition and Conversation | |
| HST 389: Japan Society and Values/Premod | ROM 314: Romanian Composition and Conversation | |
| JPN 110: Intensive Japanese I | RUS 101: Elementary Russian I | |
| IDN 101: Elementary Indonesian I | RUS 102: Elementary Russian II | |
| IDN 102: Elementary Indonesian II | SPA 101: Elementary Spanish I | |
| JPN 206: Japanese Calligraphy | SPA 102: Elementary Spanish II | |
| JPN 414: Introduction to Classical Japanese | SPA 111: Fundamentals of Spanish | |
| KOR 101: First-Year Korean I | SPA 486: Chicano/a Novel: <i>Áltima Raza y Lala</i> | |
| KOR 102: First-Year Korean II | UNI 110: Critical Reading and Thinking | |

Total Hours: 120

Upper Division Hours: 50 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map





Business (Business Administration), BA



School/College: [W. P. Carey School of Business](#)





Location: [Online](#)

BABUSBABA

| Term 1 - A 0 - 7 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  WPC 101: Student Success in Business | 1 | | <ul style="list-style-type: none"> An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses ASU 101 or College specific equivalent First Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement Create your first college resume |
|  CIS 105: Computer Applications and Information Technology (CS) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  MAT 210: Brief Calculus (MA) | 3 | C | <ul style="list-style-type: none"> View ASU Online first-time freshmen registration information here. Mathematics Placement Assessment score determines placement in mathematics course Join a student club or organization |
| SOC course (SB) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
|  Business Skills Courses: No Grades of D or E | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 9 | | |





| Term 2 - A 16 - 22.25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  MAT 211: Mathematics for Business Analysis | 3 | C | <ul style="list-style-type: none"> Join the W. P. Carey mentorship programs Research study abroad opportunities recommended for your major |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 6.25 | | |



| Term 2 - B 22.25 - 31.25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ECN 211: Macroeconomic Principles (SB) | 3 | C | |
| COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions | 3 | | |
| PSY course (SB) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Business Skills Courses: No Grades of D or E | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 9 | | |




| Term 3 - A 31.25 - 40.25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  ACC 231: Uses of Accounting Information I | 3 | C | |



| | | |
|--|---|---|
| ECN 212: Microeconomic Principles (SB) | 3 | C |
| General Studies Elective | 3 | |
| Term hours subtotal: | 9 | |




- Explore [career resources](#).
- Meet with your [W. P. Carey Career Coach](#)
- Attend [W. P. Carey and ASU Career Fairs](#)

| Term 3 - B 40.25 - 46.50 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  ACC 241: Uses of Accounting Information II | 3 | C | <ul style="list-style-type: none"> • Continuing first-year students will take WPC 248, after completing WPC 148 • New transfer students will take WPC 347 • Develop your professional online presence |
| Elective | 3 | | |
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C | |
| Complete ECN 211 AND ECN 212. | | | |
|  Business Skills Courses: No Grades of D or E | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 6.25 | | |

| Term 4 - A 46.50 - 53.50 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  ECN 221: Business Statistics (CS) | 3 | C | <ul style="list-style-type: none"> • Attend W. P. Carey and ASU career fairs • Apply for internships or create one |
| Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 4 - B 53.50 - 59.50 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| Cultural Diversity in the U.S. (C) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
|  Business Skills Courses: No Grades of D or E | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 6 | | |

| Term 5 - A 59.50 - 65.75 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  SCM 300: Global Supply Operations | 3 | C | <ul style="list-style-type: none"> • Meet with your W. P. Carey Career Coach • Update your resume |
| WPC 300: Problem Solving and Actionable Analytics | 3 | C | |
| WPC 348: Junior Networking Foundations | 0.25 | C | |
| Term hours subtotal: | 6.25 | | |

| Term 5 - B 65.75 - 74.75 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  BUS 384: Business Operations and Planning | 3 | C | <ul style="list-style-type: none"> • Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program. |
|  MGT 300: Organization and Management Leadership | 3 | C | |
| ENG 302: Business Writing (L) | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 6 - A 74.75 - 81.75 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  MKT 300: Marketing and Business Performance | 3 | C | <ul style="list-style-type: none"> • Complete informational interviews |

Natural Science - Quantitative (SQ) OR Natural Science - General (SG) 4

Term hours subtotal: 7

| Term 6 - B 81.75 - 90.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|--------------|----------------------|---|
| ★ FIN 300: Fundamentals of Finance | 3 | C | <ul style="list-style-type: none"> Complete an in person or virtual practice interview with your W. P. Carey Career Coach |
| ★ LES 305: Business Law and Ethics for Managers | 3 | C | |
| ★ Upper Division International Business Elective AND Global Awareness (G) | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | | 9 | |

| Term 7 - A 90.75 - 99.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|--------------|----------------------|---|
| ★ Upper Division Business Administration Track or Procurement Track Course | 3 | C | <ul style="list-style-type: none"> All Upper Division Business Core classes (including International Business course) must be completed before enrolling in WPC 470 Attend W. P. Carey and ASU Career Fairs |
| Upper Division Elective OR WPC 484: Internship | 3 | | |
| General Studies Elective | 3 | | |
| Term hours subtotal: | | 9 | |

| Term 7 - B 99.75 - 105.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|--------------|----------------------|--|
| ★ MGT 411: Leading Organizations | 3 | C | <ul style="list-style-type: none"> Gather professional references Update your resume |
| ★ Upper Division Business Administration Track or Procurement Track Course | 3 | C | |
| Term hours subtotal: | | 6 | |

| Term 8 - A 105.75 - 114.00 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|--------------|----------------------|---|
| ★ Upper Division Business Administration Track or Procurement Track Course | 3 | C | <ul style="list-style-type: none"> Apply for full-time career opportunities |
| WPC 448: Senior Career Transition Management | 0.25 | C | |
| Upper Division Humanities, Arts and Design (HU) | 3 | | |
| Upper Division Elective | 2 | | |
| Term hours subtotal: | | 8.25 | |

| Term 8 - B 114.00 - 120.00 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|--------------|----------------------|--------------|
| ★ WPC 470: Business Administration Capstone | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | | 6 | |

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.

Hide Course List(s)/Track Group(s)

| Business Administration Track Courses - select 3 courses (9 credit hours) | Procurement Track Courses - 3 courses (9 credit hours) | Upper Division International Business Course- select one course (3 credit hours) |
|---|---|--|
| AGB 420: Food Advertising and Promotion | SCM 354: Procurement of Services | AGB 302: International Management and Agribusiness (G) |
| AGB 425: Food Supply Networks | SCM 494: Advanced Procurement | ECN 306: Survey of International Economics (SB & G) |
| AGB 435: Commodity Futures and Options Markets | SCM 494: Public & Non-Profit Procurement | MGT 302: Principles of International Business (G) |
| AGB 445: Food Retailing | | MKT 425: Global Marketing Management (G) |
| AGB 456: Food Product Innovation and Development | | SCM 463: Global Supply Chain Management (G) |
| AGB 481: Strategic Pricing in Food Markets | | |
| MGT 400: Cross-Cultural Management (C & G) | | |
| MGT 420: Human Resource Management | | |
| MGT 430: Negotiations | | |
| PHI 360: Business and Professional Ethics (HU) | | |
| SCM 354: Procurement of Services | | |
| SCM 385: Business and Sustainability I | | |
| TMC 320: Funding the Enterprise | | |
| TWC 422: Social Media in the Workplace | | |
| General Studies Electives | Business Skills Courses - No Grades of D or E | |
| BIO 320: Fundamentals of Ecology | ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting | |
| COM 207: Introduction to Communication Inquiry | ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting | |
| COM 259: Communication in Business and the Professions | CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS) | |
| COM 312: Communication Conflict and Negotiation | ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB) | |
| COM 414: Crisis Communication | ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB) | |
| COM 430: Leadership in Group Communication | ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS) | |
| COM 453: Communication Training and Development | MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA) | |
| ENG 210: Introduction to Creative Writing | | |
| ENG 310: Intermediate Creative Writing | | |
| ENG 345: Selected Authors or Issues | | |
| FAS 301: Introduction to Parenting | | |
| MAT 242: Elementary Linear Algebra | | |
| MAT 243: Discrete Mathematical Structures | | |

POR 101: Elementary Portuguese I

ROM 101: Elementary Romanian

SPA 101: Elementary Spanish I

SPA 102: Elementary Spanish II

MAT 211: Mathematics for Business Analysis
or MAT 271: Calculus with Analytic
Geometry II (MA)

Total Hours: 120

Upper Division Hours: 50 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition





General Studies designations listed on the major map are current for the 2020 - 2021 academic year.







2020 - 2021 Major Map


Business (Communication), BA

School/College: [W. P. Carey School of Business](#)

Location: [Polytechnic campus](#), [Tempe campus](#), [West campus](#), [ASU@Lake Havasu](#)
BABUSCBA

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  WPC 101: Student Success in Business | 1 | | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement • Join a student club or organization • Create your first college resume |
| CIS 105: Computer Applications and Information Technology (CS) | 3 | C | |
| MAT 210: Brief Calculus (MA) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| SOC course (SB) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
|  Business Skills Courses: No Grades of D or E | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31.25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| MAT 211: Mathematics for Business Analysis | 3 | C | <ul style="list-style-type: none"> • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Join the W. P. Carey mentorship programs • Explore student leadership opportunities in W. P. Carey • Research study abroad opportunities recommended for your major |
| ECN 211: Macroeconomic Principles (SB) | 3 | C | |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| PSY course (SB) | 3 | | |
| Elective | 3 | | |
|  Complete CIS 105 with a grade of "C" or better. | | | |
|  Complete MAT 210 with a grade of "C" or better. | | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Business Skills Courses: No Grades of D or E | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15.25 | | |

| Term 3 31.25 - 47.50 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ACC 231: Uses of Accounting Information I | 3 | C | <ul style="list-style-type: none"> • Continuing first-year students will take WPC 248, after completing WPC 148 • New transfer students will take WPC 347 • Explore career resources • Develop your professional online presence • Meet with your W. P. Carey Career Coach • Attend W. P. Carey and ASU Career Fairs |
| ECN 212: Microeconomic Principles (SB) | 3 | C | |
| ECN 221: Business Statistics (CS) | 3 | C | |
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C | |
| COM 100: Introduction to Human Communication (SB) | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 16.25 | | |

- ❖ Complete ECN 211 or ECN 212 with a grade of "C" or better.

 - ❖ Complete MAT 211 with a grade of "C" or better.

 - ❖ Business Skills Courses: No Grades of D or E

 - ❖ Minimum 2.00 GPA ASU Cumulative.

 - Complete Mathematics (MA) requirement.

- Term hours subtotal: 16.25

| Term 4 47.50 - 63.50 Credit Hours Critical course signified by ❖ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ACC 241: Uses of Accounting Information II | 3 | C | <ul style="list-style-type: none"> Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. Attend W. P. Carey and ASU career fairs Apply for internships or create one |
| COM 230: Small Group Communication (SB) | 3 | C | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| ❖ Complete ACC 231 with a grade of "C" or better. | | | |
| ❖ Complete ECN 221 with a grade of "C" or better. | | | |
| ❖ Business Skills Courses: No Grades of D or E | | | |
| ❖ Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 5 63.50 - 78.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes | |
|--|-------|---------------|---|--|
| ★ COM 259: Communication in Business and the Professions | 3 | C | <ul style="list-style-type: none"> Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. Meet with your W. P. Carey Career Coach Update your resume | |
| WPC 348: Junior Networking Foundations | 0.25 | C | | |
| MKT 300: Marketing and Business Performance | 3 | C | | |
| SCM 300: Global Supply Operations | 3 | C | | |
| ENG 302: Business Writing (L) | 3 | | | |
| Upper Division Elective | 3 | | | |
| ★ Complete ACC 241 with a grade of "C" or better. | | | | |
| Term hours subtotal: | 15.25 | | | |

| Term 6 78.75 - 93.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ COM 312: Communication, Conflict, and Negotiation | 3 | C | <ul style="list-style-type: none"> Complete informational interviews Complete an in person or virtual practice interview with your W. P. Carey Career Coach |
| ★ COM 400: Communication in Professions (HU & C) OR COM 451: Communication and Work Relationships | 3 | C | |
| MGT 300: Organization and Management Leadership | 3 | C | |
| WPC 300: Problem Solving and Actionable Analytics | 3 | C | |
| Upper Division International Business Course AND Global Awareness (G) | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93.75 - 107.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ | | | |

| | | |
|---|----|---|
| ★ COM 430: Leadership in Group Communication | 3 | C |
| FIN 300: Fundamentals of Finance | 3 | C |
| Upper Division Humanities, Arts and Design (HU) | 3 | |
| Upper Division Elective OR WPC 484: Internship | 3 | |
| Upper Division Elective | 2 | |
| Term hours subtotal: | 14 | |

- Attend W. P. Carey and ASU Career Fairs
- Gather professional references
- Update your resume
- Meet with your academic advisor to discuss your internship course options

| ★ Term 8 107.75 - 120.00 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ COM 453: Communication Training and Development | 3 | C | <ul style="list-style-type: none"> • Apply for full-time career opportunities • Meet with your academic advisor to discuss your internship course options |
| WPC 448: Senior Career Transition Management | 0.25 | C | |
| LES 305: Business Law and Ethics for Managers | 3 | C | |
| Upper Division Elective OR WPC 484: Internship | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 12.25 | | |

Hide Course List(s)/Track Group(s)

| | |
|---|---|
| Upper Division International Business Course-select one course (3 credit hours) | Business Skills Courses - No Grades of D or E |
| AGB 302: International Management and Agribusiness (G) | ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting |
| ECN 306: Survey of International Economics (SB & G) | ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting |
| MGT 302: Principles of International Business (G) | CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS) |
| MKT 425: Global Marketing Management (G) | ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB) |
| SCM 463: Global Supply Chain Management (G) | ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB) |
| | ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS) |
| | MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA) |
| | MAT 211: Mathematics for Business Analysis or MAT 271: Calculus with Analytic Geometry II (MA) |

Total Hours: 120
Upper Division Hours: 50 minimum
Major GPA: 2.00 minimum

General University Requirements Legend
 General Studies Core Requirements:

Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.

2020 - 2021 Major Map

Business (Communication), BA




School/College: [W. P. Carey School of Business](#)





Location: [Online](#)



BABUSCBA





FT Fast Track Options: 3 Year

A student must speak with an advisor in order to be added to a fast track plan.




| Term 1 - A 0 - 7 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  WPC 101: Student Success in Business | 1 | | <ul style="list-style-type: none"> An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses ASU 101 or college specific equivalent First Year Seminar required of all first-year students. W. P. Carey students take WPC 101 to fulfill this requirement Create your first college resume |
|  CIS 105: Computer Applications and Information Technology (CS) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| Term hours subtotal: | 7 | | |






| Term 1 - B 7 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  MAT 210: Brief Calculus (MA) | 3 | C | <ul style="list-style-type: none"> View ASU Online first-year student registration information here Mathematics Placement Assessment score determines placement in mathematics course Join a student club or organization |
| SOC course (SB) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
|  Business Skills Courses: No Grades of D or E | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 9 | | |




| Term 2 - A 16 - 22.25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  MAT 211: Mathematics for Business Analysis | 3 | C | <ul style="list-style-type: none"> Join the W. P. Carey mentorship programs Research study abroad opportunities recommended for your major |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| Term hours subtotal: | 6.25 | | |




| Term 2 - B 22.25 - 31.25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ECN 211: Macroeconomic Principles (SB) | 3 | C | |
| PSY course (SB) | 3 | | |
| Elective | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Business Skills Courses: No Grades of D or E | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 9 | | |



| | | Minimum | |
|--|--|---------|--|
|--|--|---------|--|

| Term 3 - A 31.25 - 40.25 Credit Hours Critical course signified by  | Hours | Grade | Notes |
|--|-------|-------|--|
|  ACC 231: Uses of Accounting Information I | 3 | C | <ul style="list-style-type: none"> • Explore career resources. • Meet with your W. P. Carey Career Coach • Attend W. P. Carey and ASU Career Fairs |
|  COM 100: Introduction to Human Communication (SB) | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 3 - B 40.25 - 46.50 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ACC 241: Uses of Accounting Information II | 3 | C | <ul style="list-style-type: none"> • Continuing first-year students will take WPC 248, after completing WPC 148 • New transfer students will take WPC 347 • Develop your professional online presence |
| ECN 212: Microeconomic Principles (SB) | 3 | C | |
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C | |
|  Complete ECN 211 AND ECN 212. | | | |
|  Business Skills Courses: No Grades of D or E | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 6.25 | | |

| Term 4 - A 46.50 - 55.50 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  ECN 221: Business Statistics (CS) | 3 | C | <ul style="list-style-type: none"> • Attend W. P. Carey and ASU career fairs • Apply for internships or create one |
|  COM 230: Small Group Communication (SB) | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 4 - B 55.50 - 62.50 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
|  Business Skills Courses: No Grades of D or E | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 7 | | |

| Term 5 - A 62.50 - 68.75 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  COM 259: Communication in Business and the Professions | 3 | C | <ul style="list-style-type: none"> • Meet with your W. P. Carey Career Coach • Update your resume |
| MKT 300: Marketing and Business Performance | 3 | C | |
| WPC 348: Junior Networking Foundations | 0.25 | C | |
| Term hours subtotal: | 6.25 | | |

| Term 5 - B 68.75 - 77.75 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| MGT 300: Organization and Management Leadership | 3 | C | <ul style="list-style-type: none"> • Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program. |
| ENG 302: Business Writing (L) | 3 | | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 6 - A 77.75 - 83.75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| ★ | Hours | Grade | Notes |
|---|-------|-------|-------------------------------------|
| ★ COM 312: Communication, Conflict, and Negotiation | 3 | C | • Complete informational interviews |
| SCM 300: Global Supply Operations | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 83.75 - 92.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| COM 400: Communication in Professions (HU & C) | 3 | C | • Complete an in person or virtual practice interview with your W. P. Carey Career Coach |
| LES 305: Business Law and Ethics for Managers | 3 | C | |
| Upper Division International Business Course AND Global Awareness (G) | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 9 | | |

| Term 7 - A 92.75 - 99.75 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| FIN 300: Fundamentals of Finance | 3 | C | • Attend W. P. Carey and ASU Career Fairs |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 7 - B 99.75 - 107.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ COM 430: Leadership in Group Communication | 3 | C | • Gather professional references • Update your resume |
| WPC 300: Problem Solving and Actionable Analytics | 3 | C | |
| Upper Division Elective | 2 | | |
| Term hours subtotal: | 8 | | |

| Term 8 - A 107.75 - 114.00 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ COM 453: Communication Training and Development | 3 | C | • Apply for full-time career opportunities |
| WPC 448: Senior Career Transition Management | 0.25 | C | |
| Upper Division Elective OR WPC 484: Internship | 3 | | |
| Term hours subtotal: | 6.25 | | |

| Term 8 - B 114.00 - 120.00 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| Upper Division Elective OR WPC 484: Internship | 3 | | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

Hide Course List(s)/Track Group(s)

Upper Division International Business Course-select one course (3 credit hours)

AGB 302: International Management and Agribusiness (G)

Business Skills Courses - No Grades of D or E

ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting

| | |
|---|---|
| ECN 306: Survey of International Economics (SB & G) | ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting |
| MGT 302: Principles of International Business (G) | |
| MKT 425: Global Marketing Management (G) | CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS) |
| SCM 463: Global Supply Chain Management (G) | |
| | ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB) |
| | ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB) |
| | ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS) |
| | MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA) |
| | MAT 211: Mathematics for Business Analysis or MAT 271: Calculus with Analytic Geometry II (MA) |

Total Hours: 120
Upper Division Hours: 50 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map





Business (Corporate Accounting), BA



School/College: [W. P. Carey School of Business](#)





Location: [Online](#)



BABUSCABA

| Term 1 - A 0 - 7 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  WPC 101: Student Success in Business | 1 | | <ul style="list-style-type: none"> An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. ACC 101 is the W. P. Carey School course that meets this requirement Create your first college resume |
|  CIS 105: Computer Applications and Information Technology (CS) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  MAT 210: Brief Calculus (MA) | 3 | C | <ul style="list-style-type: none"> View ASU Online first-year student registration information here. Mathematics Placement Assessment score determines placement in mathematics course Join a student club or organization |
| SOC course (SB) | 3 | | |
| Elective | 3 | | |
|  Business Skills Courses: No Grades of D or E | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 9 | | |






| Term 2 - A 16 - 22.25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  MAT 211: Mathematics for Business Analysis | 3 | C | <ul style="list-style-type: none"> Join the W. P. Carey mentorship programs Research study abroad opportunities recommended for your major |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 6.25 | | |



| Term 2 - B 22.25 - 31.25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ECN 211: Macroeconomic Principles (SB) | 3 | C | |
| COM 100: Introduction to Human Communication (SB) OR COM 230: Small Group Communication (SB) | 3 | | |
| PSY course (SB) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Business Skills Courses: No Grades of D or E | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 9 | | |




| Term 3 - A 31.25 - 40.25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  ACC 231: Uses of Accounting Information I | 3 | C | <ul style="list-style-type: none"> Explore career resources. |



| | | |
|--|---|---|
| ECN 212: Microeconomic Principles (SB) | 3 | C |
| Historical Awareness (H) | 3 | |
| Term hours subtotal: | 9 | |



- Meet with your **W. P. Carey Career Coach**
- Attend **W. P. Carey and ASU Career Fairs**

| Term 3 - B 40.25 - 46.50 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  ACC 241: Uses of Accounting Information II | 3 | C | <ul style="list-style-type: none"> • Continuing first-year students will take WPC 248, after completing WPC 148 • New transfer students will take WPC 347 • Develop your professional online presence |
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C | |
| Cultural Diversity in the U.S. (C) | 3 | | |
|  Complete ECN 211 AND ECN 212. | | | |
|  Business Skills Courses: No Grades of D or E | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 6.25 | | |

| Term 4 - A 46.50 - 55.50 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  ECN 221: Business Statistics (CS) | 3 | C | <ul style="list-style-type: none"> • Attend W. P. Carey and ASU Career Fairs • Apply for internships or create one |
| COM 225: Public Speaking (L) OR COM 259: Communication in Business and the Professions | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 4 - B 55.50 - 62.50 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| Natural Science - Quantitative (SQ) | 4 | | <ul style="list-style-type: none"> • If COM 259 was completed instead of COM 225 in Term 4-A, students will need to take a Literacy and Critical Inquiry (L) course to satisfy the General Studies university requirement. |
| Literacy and Critical Inquiry (L) | 3 | | |
|  Business Skills Courses: No Grades of D or E | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 7 | | |

| Term 5 - A 62.50 - 68.75 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  ACC 310: Intermediate Accounting for Corporate Accountants | 3 | C | <ul style="list-style-type: none"> • Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program. • Meet with your W. P. Carey Career Coach • Update your resume |
| SCM 300: Global Supply Operations | 3 | C | |
| WPC 348: Junior Networking Foundations | 0.25 | C | |
| Term hours subtotal: | 6.25 | | |

| Term 5 - B 68.75 - 77.75 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|  ACC 320: Management Accounting for Corporate Accountants I | 3 | C | |
| LES 305: Business Law and Ethics for Managers | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 6 - A 77.75 - 86.75 Credit Hours Necessary course signified by | Minimum | |
|--|---------|--|
|--|---------|--|

| ★ | Hours | Grade | Notes |
|--|-------|-------|-------------------------------------|
| ★ ACC 354: Governance, Risk, Compliance Internal Controls and Ethics | 3 | C | • Complete informational interviews |
| ENG 302: Business Writing (L) | 3 | | |
| MKT 300: Marketing and Business Performance | 3 | C | |
| Term hours subtotal: | 9 | | |

| ★ Term 6 - B 86.75 - 92.75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ ACC 410: Financial Statement Analysis | 3 | C | • Complete an in person or virtual practice interview with your W. P. Carey Career Coach |
| Upper Division International Business Course AND Global Awareness (G) | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 6 | | |

| ★ Term 7 - A 92.75 - 98.75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ ACC 420: Management Accounting for Corporate Accountants II | 3 | C | • Attend W. P. Carey and ASU Career Fairs |
| FIN 300: Fundamentals of Finance | 3 | C | |
| Term hours subtotal: | 6 | | |

| ★ Term 7 - B 98.75 - 105.75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ ACC 454: Taxes for Corporate Accountants | 3 | C | • Gather professional references • Update your resume |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 7 | | |

| ★ Term 8 - A 105.75 - 112.00 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ WPC 448: Senior Career Transition Management | 0.25 | C | • Apply for full-time career opportunities |
| WPC 300: Problem Solving and Actionable Analytics | 3 | C | |
| Upper Division Elective OR WPC 484: Internship | 3 | | |
| Term hours subtotal: | 6.25 | | |

| Term 8 - B 112.00 - 120.00 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| MGT 300: Organization and Management Leadership | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) | 3 | | |
| Upper Division Elective | 2 | | |
| Term hours subtotal: | 8 | | |

Hide Course List(s)/Track Group(s)

- Upper Division International Business Course - select one course (3 credit hours)
- Business Skills Courses - No Grades of D or E
- AGB 302: International Management and Agribusiness (G)

| | |
|---|---|
| ECN 306: Survey of International Economics (SB & G) | ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting |
| MGT 302: Principles of International Business (G) | ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting |
| MKT 425: Global Marketing Management (G) | CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS) |
| SCM 463: Global Supply Chain Management (G) | ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB) |
| | ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB) |
| | ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS) |
| | MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA) |
| | MAT 211: Mathematics for Business Analysis or MAT 271: Calculus with Analytic Geometry II (MA) |

Total Hours: 120
Upper Division Hours: 50 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.





2020 - 2021 Major Map







Business (Financial Planning), BA


School/College: [W. P. Carey School of Business](#)

Location: [Tempe campus](#)

BABUSFPBA

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  WPC 101: Student Success in Business | 1 | | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement • Join a student club or organization • Create your first college resume |
| CIS 105: Computer Applications and Information Technology (CS) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 210: Brief Calculus (MA) | 3 | C | |
| SOC course (SB) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
|  Business Skills Courses: No Grades of D or E | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31.25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions | 3 | | <ul style="list-style-type: none"> • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Join the W. P. Carey mentorship programs • Explore student leadership opportunities in W. P. Carey • Research study abroad opportunities recommended for your major |
| ECN 211: Macroeconomic Principles (SB) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 211: Mathematics for Business Analysis | 3 | C | |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
| PSY course (SB) | 3 | | |
|  Business Skills Courses: No Grades of D or E | | | |
|  Complete CIS 105 with a grade of "C" or better. | | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Complete MAT 210 with a grade of "C" or better. | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15.25 | | |

| Term 3 31.25 - 46.50 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ACC 231: Uses of Accounting Information I | 3 | C | <ul style="list-style-type: none"> • Continuing first-year students will take WPC 248, after completing WPC 148 • New transfer students will take WPC 347 • Explore career resources • Develop your professional online presence |
| ECN 212: Microeconomic Principles (SB) | 3 | C | |
| ECN 221: Business Statistics (CS) | 3 | C | |

WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management 0.25 C

- Meet with your **W. P. Carey Career Coach**
- Attend **W. P. Carey** and **ASU Career Fairs**

Complete 2 courses:
General Studies Elective 6

- ❗ Business Skills Courses: No Grades of D or E
- ❗ Complete ECN 211 or ECN 212 with a grade of "C" or better.
- ❗ Complete MAT 211 with a grade of "C" or better.
- ❗ Minimum 2.00 GPA ASU Cumulative.
- Complete Mathematics (MA) requirement.

Term hours subtotal: 15.25

| Term 4 46.50 - 62.50 Credit Hours Critical course signified by ❗ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

ACC 241: Uses of Accounting Information II 3 C
 Cultural Diversity in the U.S. (C) 3
 Literacy and Critical Inquiry (L) 3
 Natural Science - Quantitative (SQ) 4
 General Studies Elective 3

- Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your **academic advisor** for more information and options.
- Attend **W. P. Carey** and **ASU** career fairs
- Apply for **internships** or **create one**

- ❗ Business Skills Courses: No Grades of D or E
- ❗ Complete ACC 231 with a grade of "C" or better.
- ❗ Complete ECN 221 with a grade of "C" or better.
- ❗ Minimum 2.00 GPA ASU Cumulative.

Term hours subtotal: 16

| Term 5 62.50 - 77.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

★ FIN 300: Fundamentals of Finance 3 C
 ★ FIN 380: Personal Financial Management 3 C
 ENG 302: Business Writing (L) 3
 MKT 300: Marketing and Business Performance 3 C
 SCM 300: Global Supply Operations 3 C
 WPC 348: Junior Networking Foundations 0.25 C

- Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your **academic advisor** for more information and options.
- Meet with your **W. P. Carey Career Coach**
- Update your **resume**

★ Complete ACC 241 with a grade of "C" or better.

Term hours subtotal: 15.25

| Term 6 77.75 - 92.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

★ FIN 385: Personal Insurance Planning 3 C
 ★ FIN 386: Estate Planning Strategies 3 C
 LES 305: Business Law and Ethics for Managers 3 C
 Upper Division International Business Course AND Global Awareness (G) 3 C
 Upper Division Humanities, Arts and Design (HU) 3

- Complete **informational interviews**
- Complete an in person or virtual practice interview with your **W. P. Carey Career Coach**

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal: 15

| | | Minimum | |
|--|--|---------|--|
|--|--|---------|--|

| Term 7 92.75 - 106.75 Credit Hours Necessary course signified by ★ | Hours | Grade | Notes |
|--|-------|-------|---|
| ★ ACC 435: Personal Tax Management and Planning | 3 | C | <ul style="list-style-type: none"> Attend W. P. Carey and ASU Career Fairs Gather professional references Update your resume |
| ★ FIN 420: Personal Portfolio Management | 3 | C | |
| MGT 300: Organization and Management Leadership | 3 | C | |
| Upper Division Elective | 2 | | |
| Elective | 3 | | |
| Term hours subtotal: | 14 | | |

| Term 8 106.75 - 120.00 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ FIN 460: Personal Finance Cases and Modeling | 3 | C | <ul style="list-style-type: none"> Apply for full-time career opportunities |
| WPC 300: Problem Solving and Actionable Analytics | 3 | C | |
| WPC 448: Senior Career Transition Management | 0.25 | C | |
| WPC 484: Internships & Applied Academics OR Upper Division Elective | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Term hours subtotal: | 13.25 | | |

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.

Hide Course List(s)/Track Group(s)

| Upper Division International Business Course - select one course (3 credit hours) | General Studies Electives | General Studies Electives Continued |
|---|--|---|
| AGB 302: International Management and Agribusiness (G) | ASL 101: American Sign Language I | LAT 101: Elementary Latin |
| ECN 306: Survey of International Economics (SB & G) | ASL 102: American Sign Language II | LAT 102: Elementary Latin |
| MGT 302: Principles of International Business (G) | ASL 201: American Sign Language III | MAT 242: Elementary Linear Algebra |
| MKT 425: Global Marketing Management (G) | ASL 202: American Sign Language IV | MAT 243: Discrete Mathematical Structures |
| SCM 463: Global Supply Chain Management (G) | BIO 320: Fundamentals of Ecology | MAT 310: Introduction to Geometry |
| | CHI 110: Intensive Chinese I | MAT 342: Linear Algebra |
| | CHI 205: Chinese Calligraphy | MAT 370: Intermediate Calculus |
| | COM 207: Introduction to Communication Inquiry | MAT 371: Advanced Calculus I |
| | COM 259: Communication in Business and the Professions | MAT 372: Advanced Calculus II |
| | COM 281: Communication Activities | MAT 410: Introduction to General Topology |
| | COM 312: Communication Conflict and Negotiation | MAT 415: Introduction to Combinatorics |
| | COM 341: Social Contexts for Performance | MAT 416: Graph Theory |
| | COM 414: Crisis Communication | MAT 442: Advanced Linear Algebra |
| | | MAT 443: Introduction to Abstract Algebra |
| | | MAT 444: Intermediate Abstract Algebra |

| | |
|---|---|
| COM 430: Leadership in Group Communication | MAT 445: Theory of Numbers |
| COM 453: Communication Training and Development | MAT 460: Vector Calculus |
| COM 465: Intercultural Communication Workshop | MAT 461: Applied Complex Analysis |
| ENG 210: Introduction to Creative Writing | MAT 462: Applied Partial Differential Equations |
| ENG 213: Introduction to the Study of Language | MAT 472: Intermediate Real Analysis I |
| ENG 310: Intermediate Creative Writing | MAT 475: Differential Equations |
| ENG 314: Modern Grammar | MAT 485: History of Mathematics |
| ENG 345: Selected Authors or Issues | POR 101: Elementary Portuguese I |
| FAS 301: Introduction to Parenting | POR 102: Elementary Portuguese II |
| GCU 433: Geography of Southeast Asia | ROM 101: Elementary Romanian |
| GRK 101: Elementary Ancient Greek | ROM 201: Intermediate Romanian |
| GRK 201: Intermediate Ancient Greek | ROM 313: Romanian Composition and Conversation |
| HST 389: Japan Society and Values/Premod | ROM 314: Romanian Composition and Conversation |
| IDN 101: Elementary Indonesian I | RUS 101: Elementary Russian I |
| IDN 102: Elementary Indonesian II | RUS 102: Elementary Russian II |
| JPN 110: Intensive Japanese I | SPA 101: Elementary Spanish I |
| JPN 206: Japanese Calligraphy | SPA 102: Elementary Spanish II |
| JPN 414: Introduction to Classical Japanese | SPA 111: Fundamentals of Spanish |
| KOR 101: First-Year Korean I | SPA 486: Chicano/a Novel: <i>Áltima Rafa y Lala</i> |
| KOR 102: First-Year Korean II | UNI 110: Critical Reading and Thinking |

Business Skills Courses - No Grades of D or E

ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting

ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting

CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS)

ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB)

ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB)

ECN 221: Business Statistics (CS) or ECN
231: Honors Business Statistics (CS)

MAT 210: Brief Calculus (MA) or MAT 270:
Calculus with Analytic Geometry I (MA)

MAT 211: Mathematics for Business Analysis
or MAT 271: Calculus with Analytic
Geometry II (MA)

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.





2020 - 2021 Major Map







Business (Food Industry Management), BA


School/College: [W. P. Carey School of Business](#)

Location: [Polytechnic campus](#)

BABUSFIMBA

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  WPC 101: Student Success in Business | 1 | | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement • Join a student club or organization • Create your first college resume |
| AGB 100: Introduction to Agribusiness | 3 | C | |
| CIS 105: Computer Applications and Information Technology (CS) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 210: Brief Calculus (MA) | 3 | C | |
| SOC course (SB) | 3 | | |
|  Business Skills Courses: No Grades of D or E | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31.25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions | 3 | | <ul style="list-style-type: none"> • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Join the W. P. Carey mentorship programs • Explore student leadership opportunities in W. P. Carey • Research study abroad opportunities recommended for your major |
| ECN 211: Macroeconomic Principles (SB) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 211: Mathematics for Business Analysis | 3 | C | |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
| PSY course (SB) | 3 | | |
|  Complete CIS 105 with a grade of "C" or better. | | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Complete MAT 210 with a grade of "C" or better. | | | |
|  Business Skills Courses: No Grades of D or E | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15.25 | | |

| Term 3 31.25 - 47.50 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ACC 231: Uses of Accounting Information I | 3 | C | <ul style="list-style-type: none"> • Continuing first-year students will take WPC 248, after completing WPC 148 • New transfer students will take WPC 347 • Explore career resources • Develop your professional online presence • Meet with your W. P. Carey Career Coach |
| ECN 212: Microeconomic Principles (SB) | 3 | C | |
| ECN 221: Business Statistics (CS) | 3 | C | |
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C | |
| | | | |

Humanities, Arts and Design (HU) AND Historical Awareness (H) 3

Natural Science - Quantitative (SQ) 4

❖ Complete ECN 211 or ECN 212 with a grade of "C" or better.

❖ Complete MAT 211 with a grade of "C" or better.

❖ Minimum 2.00 GPA ASU Cumulative.

❖ Business Skills Courses: No Grades of D or E

Complete Mathematics (MA) requirement.

Term hours subtotal: 16.25

- Attend [W. P. Carey](#) and ASU Career Fairs

| Term 4 47.50 - 60.50 Credit Hours Critical course signified by ❖ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

ACC 241: Uses of Accounting Information II 3 C

AGB 250: Economics of Resource Allocation: Food and Agriculture 3 C

Cultural Diversity in the U.S. (C) 3

Natural Science - Quantitative (SQ) OR Natural Science - General (SG) 4

❖ Complete ACC 231 with a grade of "C" or better.

❖ Complete ECN 221 with a grade of "C" or better.

❖ Business Skills Courses: No Grades of D or E

❖ Minimum 2.00 GPA ASU Cumulative.

Term hours subtotal: 13

- Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your [academic advisor](#) for more information and options.
- Attend [W. P. Carey](#) and ASU career fairs
- Apply for [internships](#) or [create one](#)

| Term 5 60.50 - 75.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

★ FIN 300: Fundamentals of Finance 3 C

★ MKT 300: Marketing and Business Performance 3 C

ENG 302: Business Writing (L) 3

SCM 300: Global Supply Operations 3 C

WPC 348: Junior Networking Foundations 0.25 C

Upper Division Humanities, Arts and Design (HU) 3

★ Complete ACC 241 with a grade of "C" or better.

Term hours subtotal: 15.25

- Students pursuing concurrent degrees within [W. P. Carey](#) cannot share coursework in the major. Major coursework must be unique to each degree program.
- Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your [academic advisor](#) for more information and options.
- Meet with your [W. P. Carey Career Coach](#)
- Update your [resume](#)
- Meet with your [academic advisor](#) to discuss your internship course options

| Term 6 75.75 - 90.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

★ AGB 420: Food Advertising and Promotion 3 C

★ AGB 425: Food Supply Networks 3 C

AGB 302: International Management and Agribusiness (G) OR Upper Division International Business Course AND Global Awareness (G) 3 C

MGT 300: Organization and Management Leadership 3 C

Literacy and Critical Inquiry (L) 3

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal: 15

- Complete [informational interviews](#)
- Complete an in person or virtual practice interview with your [W. P. Carey Career Coach](#)

| Term 7 90.75 - 105.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ AGB 435: Commodity Futures and Options Markets | 3 | C | <ul style="list-style-type: none"> • Attend W. P. Carey and ASU Career Fairs • Gather professional references • Update your resume • Meet with your academic advisor to discuss your internship course options |
| ★ AGB 456: Food Product Innovation and Development | 3 | C | |
| LES 305: Business Law and Ethics for Managers | 3 | C | |
| Upper Division General Studies Elective | 3 | | |
| Elective OR AGB 484: Internship OR WPC 484: Internship | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105.75 - 120.00 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ AGB 445: Food Retailing | 3 | C | <ul style="list-style-type: none"> • Apply for full-time career opportunities |
| ★ AGB 481: Strategic Pricing in Food Markets | 3 | C | |
| WPC 300: Problem Solving and Actionable Analytics | 3 | C | |
| WPC 448: Senior Career Transition Management | 0.25 | C | |
| General Studies Elective | 3 | | |
| Upper Division Elective | 2 | | |
| Term hours subtotal: | 14.25 | | |

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.

Hide Course List(s)/Track Group(s)

| Upper Division International Business Course-select one course (3 credit hours) | General Studies Electives | General Studies Electives Continued |
|---|--|---|
| AGB 302: International Management and Agribusiness (G) | ASL 101: American Sign Language I | LAT 101: Elementary Latin |
| ECN 306: Survey of International Economics (SB & G) | ASL 102: American Sign Language II | LAT 102: Elementary Latin |
| MGT 302: Principles of International Business (G) | ASL 201: American Sign Language III | MAT 242: Elementary Linear Algebra |
| MKT 425: Global Marketing Management (G) | ASL 202: American Sign Language IV | MAT 243: Discrete Mathematical Structures |
| SCM 463: Global Supply Chain Management (G) | BIO 320: Fundamentals of Ecology | MAT 310: Introduction to Geometry |
| | CHI 110: Intensive Chinese I | MAT 342: Linear Algebra |
| | CHI 205: Chinese Calligraphy | MAT 370: Intermediate Calculus |
| | COM 207: Introduction to Communication Inquiry | MAT 371: Advanced Calculus I |
| | COM 259: Communication in Business and the Professions | MAT 372: Advanced Calculus II |
| | COM 281: Communication Activities | MAT 410: Introduction to General Topology |
| | COM 312: Communication Conflict and Negotiation | MAT 415: Introduction to Combinatorics |
| | COM 341: Social Contexts for Performance | MAT 416: Graph Theory |
| | COM 414: Crisis Communication | MAT 442: Advanced Linear Algebra |
| | | MAT 443: Introduction to Abstract Algebra |

| | |
|---|---|
| COM 430: Leadership in Group Communication | MAT 444: Intermediate Abstract Algebra |
| COM 453: Communication Training and Development | MAT 445: Theory of Numbers |
| COM 465: Intercultural Communication Workshop | MAT 460: Vector Calculus |
| ENG 210: Introduction to Creative Writing | MAT 461: Applied Complex Analysis |
| ENG 213: Introduction to the Study of Language | MAT 462: Applied Partial Differential Equations |
| ENG 310: Intermediate Creative Writing | MAT 472: Intermediate Real Analysis I |
| ENG 314: Modern Grammar | MAT 475: Differential Equations |
| ENG 345: Selected Authors or Issues | MAT 485: History of Mathematics |
| FAS 301: Introduction to Parenting | POR 101: Elementary Portuguese I |
| GCU 433: Geography of Southeast Asia | POR 102: Elementary Portuguese II |
| GRK 101: Elementary Ancient Greek | ROM 101: Elementary Romanian |
| GRK 201: Intermediate Ancient Greek | ROM 201: Intermediate Romanian |
| HST 389: Japan Society and Values/Premod | ROM 313: Romanian Composition and Conversation |
| JPN 110: Intensive Japanese I | ROM 314: Romanian Composition and Conversation |
| IDN 101: Elementary Indonesian I | RUS 101: Elementary Russian I |
| IDN 102: Elementary Indonesian II | RUS 102: Elementary Russian II |
| JPN 206: Japanese Calligraphy | SPA 101: Elementary Spanish I |
| JPN 414: Introduction to Classical Japanese | SPA 102: Elementary Spanish II |
| KOR 101: First-Year Korean I | SPA 111: Fundamentals of Spanish |
| KOR 102: First-Year Korean II | SPA 486: Chicano/a Novel: <i>Áltima Rafa y Lala</i> |
| | UNI 110: Critical Reading and Thinking |

Business Skills Courses - No Grades of D or E

ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting

ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting

CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS)

ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB)

ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB)

ECN 221: Business Statistics (CS) or ECN
231: Honors Business Statistics (CS)

MAT 210: Brief Calculus (MA) or MAT 270:
Calculus with Analytic Geometry I (MA)

MAT 211: Mathematics for Business Analysis
or MAT 271: Calculus with Analytic
Geometry II (MA)

Total Hours: 120

Upper Division Hours: 50 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map





Business (Food Industry Management), BA



School/College: [W. P. Carey School of Business](#)





Location: [Online](#)


BABUSFIMBA

| Term 1 - A 0 - 7 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  CIS 105: Computer Applications and Information Technology (CS) | 3 | C | <ul style="list-style-type: none"> An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses ASU 101 or college specific First Year Seminar is required for all first-year students. W. P. Carey students take WPC 101 to fulfill this requirement Create your first college resume |
|  WPC 101: Student Success in Business | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  MAT 210: Brief Calculus (MA) | 3 | C | <ul style="list-style-type: none"> View ASU Online first-year student registration information here. Mathematics Placement Assessment score determines placement in mathematics course Join a student club or organization |
| SOC course (SB) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
|  Business Skills Courses: No Grades of D or E | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 9 | | |





| Term 2 - A 16 - 22.25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  MAT 211: Mathematics for Business Analysis | 3 | C | <ul style="list-style-type: none"> Join the W. P. Carey mentorship programs Research study abroad opportunities recommended for your major |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
| Term hours subtotal: | 6.25 | | |

| Term 2 - B 22.25 - 31.25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions | 3 | | |
| ECN 211: Macroeconomic Principles (SB) | 3 | C | |
| PSY course (SB) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Business Skills Courses: No Grades of D or E | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 9 | | |



| Term 3 - A 31.25 - 40.25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  ACC 231: Uses of Accounting Information I | 3 | C | |

| | |
|------------------------------------|---|
| Cultural Diversity in the U.S. (C) | 3 |
| Elective | 3 |
| Term hours subtotal: | 9 |





- Explore **career resources**.
- Meet with your **W. P. Carey Career Coach**
- Attend **W. P. Carey and ASU Career Fairs**




| Term 3 - B 40.25 - 47.50 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ECN 212: Microeconomic Principles (SB) | 3 | C | |
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
|  Complete ECN 211 AND ECN 212 course(s). | | | |
|  Business Skills Courses: No Grades of D or E | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 7.25 | | |

- Continuing first-year students will take WPC 248, after completing WPC 148
- New transfer students will take WPC 347
- Develop your **professional online presence**



| Term 4 - A 47.50 - 53.50 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  ECN 221: Business Statistics (CS) | 3 | C | |
| AGB 250: Economics of Resource Allocation: Food and Agriculture | 3 | C | |
| Term hours subtotal: | 6 | | |

- Attend **W. P. Carey and ASU career fairs**
- Apply for **internships** or create one

| Term 4 - B 53.50 - 60.50 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  ACC 241: Uses of Accounting Information II | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
|  Business Skills Courses: No Grades of D or E | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 7 | | |

| Term 5 - A 60.50 - 66.75 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|  MKT 300: Marketing and Business Performance | 3 | C | |
|  SCM 300: Global Supply Operations | 3 | C | |
| WPC 348: Junior Networking Foundations | 0.25 | C | |
| Term hours subtotal: | 6.25 | | |

- Meet with your **W. P. Carey Career Coach**
- Update your **resume**

| Term 5 - B 66.75 - 75.75 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|  MGT 300: Organization and Management Leadership | 3 | C | |
| ENG 302: Business Writing (L) | 3 | | |
| General Education Elective | 3 | | |
| Term hours subtotal: | 9 | | |

- Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.

| Term 6 - A 75.75 - 81.75 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| WPC 300: Problem Solving and Actionable Analytics | 3 | C | |

General Education Elective

3

- Complete informational interviews

Term hours subtotal: 6

| Term 6 - B 81.75 - 90.75 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

 AGB 420: Food Advertising and Promotion

3

C

- Complete an in person or virtual practice interview with your **W. P. Carey Career Coach**

 FIN 300: Fundamentals of Finance


3

C

 Upper Division International Business Course AND Global Awareness (G)

3

C

 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal: 9

| Term 7 - A 90.75 - 99.75 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

 AGB 456: Food Product Innovation and Development

3

C

- Attend **W. P. Carey** and **ASU Career Fairs**

Upper Division Humanities, Arts and Design (HU)

3

Literacy and Critical Inquiry (L)

3

Term hours subtotal: 9

| Term 7 - B 99.75 - 105.75 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

 AGB 435: Commodity Futures and Options Markets

3

C

- Gather professional references
- Update your resume

LES 305: Business Law and Ethics for Managers

3

C

Term hours subtotal: 6

| Term 8 - A 105.75 - 114.00 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

 AGB 445: Food Retailing

3

C

- Apply for full-time career opportunities

 AGB 481: Strategic Pricing in Food Markets

3

C

WPC 448: Senior Career Transition Management

0.25

C

Upper Division Elective

2

Term hours subtotal: 8.25

| Term 8 - B 114.00 - 120.00 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

 AGB 425: Food Supply Networks

3

C

Upper Division Elective OR AGB 484: Internship OR WPC 484: Internship

3

Term hours subtotal: 6

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.

Hide Course List(s)/Track Group(s)

| | | |
|---|---|--|
| Upper Division International Business Course- select one course (3 credit hours) | BIO 320: Fundamentals of Ecology | ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting |
| AGB 302: International Management and Agribusiness (G) | COM 207: Introduction to Communication Inquiry | ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting |
| ECN 306: Survey of International Economics (SB & G) | COM 259: Communication in Business and the Professions | CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS) |
| MGT 302: Principles of International Business (G) | COM 312: Communication Conflict and Negotiation | ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB) |
| MKT 425: Global Marketing Management (G) | COM 414: Crisis Communication | ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB) |
| SCM 463: Global Supply Chain Management (G) | COM 430: Leadership in Group Communication | ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS) |
| | COM 453: Communication Training and Development | MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA) |
| | ENG 210: Introduction to Creative Writing | MAT 211: Mathematics for Business Analysis or MAT 271: Calculus with Analytic Geometry II (MA) |
| | ENG 310: Intermediate Creative Writing | |
| | ENG 345: Selected Authors or Issues | |
| | FAS 301: Introduction to Parenting | |
| | MAT 242: Elementary Linear Algebra | |
| | MAT 243: Discrete Mathematical Structures | |
| | POR 101: Elementary Portuguese I | |
| | ROM 101: Elementary Romanian | |
| | SPA 101: Elementary Spanish I | |
| | SPA 102: Elementary Spanish II | |

Total Hours: 120

Upper Division Hours: 50 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.












2020 - 2021 Major Map

Business (Global Agribusiness), BA

School/College: W. P. Carey School of Business

Location: Polytechnic campus

BABUSGAGBA

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  WPC 101: Student Success in Business | 1 | | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement • Join a student club or organization • Create your first college resume |
| AGB 100: Introduction to Agribusiness | 3 | C | |
| CIS 105: Computer Applications and Information Technology (CS) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 210: Brief Calculus (MA) | 3 | C | |
| SOC course (SB) | 3 | | |
|  Business Skills Courses: No Grades of D or E | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |
| | | | |
| Term 2 16 - 31.25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
| ECN 211: Macroeconomic Principles (SB) | 3 | C | <ul style="list-style-type: none"> • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Join the W. P. Carey mentorship programs • Explore student leadership opportunities in W. P. Carey • Research study abroad opportunities recommended for your major |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 211: Mathematics for Business Analysis | 3 | C | |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
| PSY course (SB) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
|  Complete CIS 105 with a grade of "C" or better. | | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Complete MAT 210 with a grade of "C" or better. | | | |
|  Business Skills Courses: No Grades of D or E | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15.25 | | |
| | | | |
| Term 3 31.25 - 47.50 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
| ACC 231: Uses of Accounting Information I | 3 | C | <ul style="list-style-type: none"> • Continuing first-year students will take WPC 248, after completing WPC 148 • New transfer students will take WPC 347 • Explore career resources • Develop your professional online presence • Meet with your W. P. Carey Career Coach • Attend W. P. Carey and ASU Career Fairs |
| ECN 212: Microeconomic Principles (SB) | 3 | C | |
| ECN 221: Business Statistics (CS) | 3 | C | |
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C | |
| Natural Science - Quantitative (SQ) (BIO 100 recommended) | 4 | | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | | | |

❖ Complete ECN 211 or ECN 212 with a grade of "C" or better.

❖ Complete MAT 211 with a grade of "C" or better.

❖ Business Skills Courses: No Grades of D or E

❖ Minimum 2.00 GPA ASU Cumulative.

Complete Mathematics (MA) requirement.

Term hours subtotal: 16.25

| Term 4 47.50 - 61.50 Credit Hours Critical course signified by ❖ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

ACC 241: Uses of Accounting Information II

3

C

AGB 250: Economics of Resource Allocation: Food and Agriculture

3

C

COM 100: Introduction to Human Communication (SB) OR COM

225: Public Speaking (L) OR COM 230: Small Group

Communication (SB) OR COM 259: Communication in Business and the Professions

3

General Studies Elective

3

Upper Division Elective

2

❖ Complete ACC 231 with a grade of "C" or better.

❖ Complete ECN 221 with a grade of "C" or better.

❖ Business Skills Courses: No Grades of D or E

❖ Minimum 2.00 GPA ASU Cumulative.

Term hours subtotal: 14

| Term 5 61.50 - 77.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

★ FIN 300: Fundamentals of Finance

3

C

ENG 302: Business Writing (L)

3

MKT 300: Marketing and Business Performance

3

C

SCM 300: Global Supply Operations

3

C

WPC 348: Junior Networking Foundations

0.25

C

Natural Science - Quantitative (SQ) OR Natural Science - General (SG)

4

★ Complete ACC 241 with a grade of "C" or better.

Term hours subtotal: 16.25

| Term 6 77.75 - 92.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

★ AGB 321: Agribusiness Marketing

3

C

★ BUS 434: Business Risk Management OR AGB 333: Agribusiness Finance

3

C

AGB 302: International Management and Agribusiness (G) OR Upper Division International Business Course AND Global Awareness (G)

3

C

WPC 300: Problem Solving and Actionable Analytics

3

C

Upper Division Humanities, Arts and Design (HU)

3

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal: 15

Minimum

- Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your **academic advisor** for more information and options.
- Attend **W. P. Carey** and ASU career fairs
- Apply for **internships** or **create** one

- Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.
- Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your **academic advisor** for more information and options.
- Meet with your **W. P. Carey Career Coach**
- Update your **resume**

- Complete an in person or virtual practice interview with your **W. P. Carey Career Coach**

| Term 7 92.75 - 107.75 Credit Hours Necessary course signified by ★ | Hours | Grade | Notes |
|--|-------|-------|---|
| ★ AGB 410: Agribusiness Management | 3 | C | <ul style="list-style-type: none"> Attend W. P. Carey and ASU Career Fairs Gather professional references Update your resume |
| ★ AGB 435: Commodity Futures and Options Markets | 3 | C | |
| ★ AGB 452: Global Food and Agricultural Trade | 3 | C | |
| LES 305: Business Law and Ethics for Managers | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 107.75 - 120.00 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ AGB 414: Food and Agribusiness Policy Issues (L) | 3 | C | <ul style="list-style-type: none"> Apply for full-time career opportunities Meet with your academic advisor to discuss your internship course options |
| MGT 300: Organization and Management Leadership | 3 | C | |
| WPC 448: Senior Career Transition Management | 0.25 | C | |
| Elective OR AGB 484: Internship OR WPC 484: Internship | 3 | | |
| Upper Division General Studies Elective | 3 | | |
| Term hours subtotal: | 12.25 | | |

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.

Hide Course List(s)/Track Group(s)

| Upper Division International Business Course-select one course (3 credit hours) | General Studies Electives | General Studies Electives Continued |
|---|--|---|
| AGB 302: International Management and Agribusiness (G) | ASL 101: American Sign Language I | LAT 101: Elementary Latin |
| ECN 306: Survey of International Economics (SB & G) | ASL 102: American Sign Language II | LAT 102: Elementary Latin |
| MGT 302: Principles of International Business (G) | ASL 201: American Sign Language III | MAT 242: Elementary Linear Algebra |
| MKT 425: Global Marketing Management (G) | ASL 202: American Sign Language IV | MAT 243: Discrete Mathematical Structures |
| SCM 463: Global Supply Chain Management (G) | BIO 320: Fundamentals of Ecology | MAT 310: Introduction to Geometry |
| | CHI 110: Intensive Chinese I | MAT 342: Linear Algebra |
| | CHI 205: Chinese Calligraphy | MAT 370: Intermediate Calculus |
| | COM 207: Introduction to Communication Inquiry | MAT 371: Advanced Calculus I |
| | COM 259: Communication in Business and the Professions | MAT 372: Advanced Calculus II |
| | COM 281: Communication Activities | MAT 410: Introduction to General Topology |
| | COM 312: Communication Conflict and Negotiation | MAT 415: Introduction to Combinatorics |
| | COM 341: Social Contexts for Performance | MAT 416: Graph Theory |
| | COM 414: Crisis Communication | MAT 442: Advanced Linear Algebra |
| | COM 430: Leadership in Group Communication | MAT 443: Introduction to Abstract Algebra |
| | | MAT 444: Intermediate Abstract Algebra |
| | | MAT 445: Theory of Numbers |

| | |
|---|--|
| COM 453: Communication Training and Development | MAT 460: Vector Calculus |
| COM 465: Intercultural Communication Workshop | MAT 461: Applied Complex Analysis |
| ENG 210: Introduction to Creative Writing | MAT 462: Applied Partial Differential Equations |
| ENG 213: Introduction to the Study of Language | MAT 472: Intermediate Real Analysis I |
| ENG 310: Intermediate Creative Writing | MAT 475: Differential Equations |
| ENG 314: Modern Grammar | MAT 485: History of Mathematics |
| ENG 345: Selected Authors or Issues | POR 101: Elementary Portuguese I |
| FAS 301: Introduction to Parenting | POR 102: Elementary Portuguese II |
| GCU 433: Geography of Southeast Asia | ROM 101: Elementary Romanian |
| GRK 101: Elementary Ancient Greek | ROM 201: Intermediate Romanian |
| GRK 201: Intermediate Ancient Greek | ROM 313: Romanian Composition and Conversation |
| HST 389: Japan Society and Values/Premod | ROM 314: Romanian Composition and Conversation |
| JPN 110: Intensive Japanese I | RUS 101: Elementary Russian I |
| IDN 101: Elementary Indonesian I | RUS 102: Elementary Russian II |
| IDN 102: Elementary Indonesian II | SPA 101: Elementary Spanish I |
| JPN 206: Japanese Calligraphy | SPA 102: Elementary Spanish II |
| JPN 414: Introduction to Classical Japanese | SPA 111: Fundamentals of Spanish |
| KOR 101: First-Year Korean I | SPA 486: Chicano/a Novel: <i>Áltimea Rafa y Lala</i> |
| KOR 102: First-Year Korean II | UNI 110: Critical Reading and Thinking |

Business Skills Courses - No Grades of D or E

ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting

ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting

CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS)

ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB)

ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB)

ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS)

MAT 210: Brief Calculus (MA) or MAT 270:
Calculus with Analytic Geometry I (MA)

MAT 211: Mathematics for Business Analysis
or MAT 271: Calculus with Analytic
Geometry II (MA)

Total Hours: 120

Upper Division Hours: 50 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map





Business (Global Leadership), BA



School/College: [W. P. Carey School of Business](#)





Location: [Online](#)



BABUSGBA

| Term 1 - A 0 - 7 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  CIS 105: Computer Applications and Information Technology (CS) | 3 | C | <ul style="list-style-type: none"> An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses ASU 101 or college specific equivalent First Year Seminar required of all first-year students. W. P. Carey students take WPC 101 to fulfill this requirement Create your first college resume |
|  WPC 101: Student Success in Business | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  MAT 210: Brief Calculus (MA) | 3 | C | <ul style="list-style-type: none"> View ASU Online first-year student registration information here Mathematics Placement Assessment score determines placement in mathematics course Join a student club or organization |
| SOC course (SB) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
|  Business Skills Courses: No Grades of D or E | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 9 | | |






| Term 2 - A 16 - 22.25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  MAT 211: Mathematics for Business Analysis | 3 | C | <ul style="list-style-type: none"> Join the W. P. Carey mentorship programs Research study abroad opportunities recommended for your major |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
| Term hours subtotal: | 6.25 | | |



| Term 2 - B 22.25 - 31.25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions | 3 | | |
| ECN 211: Macroeconomic Principles (SB) | 3 | C | |
| PSY course (SB) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Business Skills Courses: No Grades of D or E | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 9 | | |




| Term 3 - A 31.25 - 40.25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  ACC 231: Uses of Accounting Information I | 3 | C | |

| | |
|----------------------------------|---|
| Humanities, Arts and Design (HU) | 3 |
| Elective | 3 |
| Term hours subtotal: | 9 |



- Explore [career resources](#).
- Meet with your [W. P. Carey Career Coach](#)
- Attend [W. P. Carey and ASU Career Fairs](#)

| Term 3 - B 40.25 - 46.50 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  ACC 241: Uses of Accounting Information II | 3 | C | <ul style="list-style-type: none"> • Continuing first-year students will take WPC 248, after completing WPC 148 • New transfer students will take WPC 347 • Develop your professional online presence |
| ECN 212: Microeconomic Principles (SB) | 3 | C | |
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C | |
|  Complete ECN 211 AND ECN 212. | | | |
|  Business Skills Courses: No Grades of D or E | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 6.25 | | |

| Term 4 - A 46.50 - 52.50 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  ECN 221: Business Statistics (CS) | 3 | C | <ul style="list-style-type: none"> • Attend W. P. Carey and ASU career fairs • Apply for internships or create one |
| Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 6 | | |




| Term 4 - B 52.50 - 59.50 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
|  Business Skills Courses: No Grades of D or E | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 7 | | |

| Term 5 - A 59.50 - 65.75 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| MKT 300: Marketing and Business Performance | 3 | C | <ul style="list-style-type: none"> • Meet with your W. P. Carey Career Coach • Update your resume |
| SCM 300: Global Supply Operations | 3 | C | |
| WPC 348: Junior Networking Foundations | 0.25 | C | |
| Term hours subtotal: | 6.25 | | |



| Term 5 - B 65.75 - 74.75 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  MGT 300: Organization and Management Leadership | 3 | C | <ul style="list-style-type: none"> • Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program. |
| ENG 302: Business Writing (L) | 3 | | |
| General Studies Elective | 3 | | |
| Term hours subtotal: | 9 | | |



| Term 6 - A 74.75 - 80.75 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| POS 486: International Political Economy (SB & G) OR POS 350: Comparative Politics (SB & G) | 3 | C | <ul style="list-style-type: none"> • Complete an in person or virtual practice interview |
| WPC 300: Problem Solving and Actionable Analytics | 3 | C | |



Term hours subtotal: 6

| Term 6 - B 80.75 - 88.75 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  Upper Division International Business Course AND Global Awareness (G) | 3 | C | <ul style="list-style-type: none"> • Cannot share Upper Division International Business Elective with concentration course requirements. • Complete an in person or virtual practice interview with your W. P. Carey Career Coach |
| FIN 300: Fundamentals of Finance | 3 | C | |
| Upper Division Elective | 2 | | |
|  Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 8 | | |

| Term 7 - A 88.75 - 95.75 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| Upper Division Global Leadership Elective | 3 | C | <ul style="list-style-type: none"> • Attend W. P. Carey and ASU Career Fairs |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 7 - B 95.75 - 104.75 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  MGT 411: Leading Organizations | 3 | C | <ul style="list-style-type: none"> • Gather professional references • Update your resume |
| LES 305: Business Law and Ethics for Managers | 3 | C | |
| Upper Division Elective OR WPC 484: Internship | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 8 - A 104.75 - 111.00 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  MGT 430: Negotiations OR SCM 463: Global Supply Chain Management (G) | 3 | C | <ul style="list-style-type: none"> • SCM 463 cannot count as both International Business course requirement and major course. If SCM 463 is taken here, select another course to fulfill International Business course requirement. • Apply for full-time career opportunities |
| WPC 448: Senior Career Transition Management | 0.25 | C | |
| Upper Division Global Leadership Elective | 3 | C | |
| Term hours subtotal: | 6.25 | | |

| Term 8 - B 111.00 - 120.00 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|  MGT 400: Cross-Cultural Management (C & G) | 3 | C | |
| General Studies Elective | 3 | | |
| Upper Division Elective OR WPC 484: Internship | 3 | | |
| Term hours subtotal: | 9 | | |

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.

[Hide Course List\(s\)/Track Group\(s\)](#)

General Studies Electives

| Global Leadership Electives - select two courses (6 credit hours) | Upper Division International Business Course - select one course (3 credit hours) | |
|---|---|--|
| AGB 302: International Management and Agribusiness (G) | AGB 302: International Management and Agribusiness (G) | BIO 320: Fundamentals of Ecology |
| ECN 306: Survey of International Economics (SB & G) | ECN 306: Survey of International Economics (SB & G) | COM 207: Introduction to Communication Inquiry |
| HST 327: Women in U.S. History 1600 to 1880 ((HU or SB) & C & H) | MGT 302: Principles of International Business (G) | COM 259: Communication in Business and the Professions |
| JUS 350: Immigration and Justice (SB & C) | MKT 425: Global Marketing Management (G) | COM 312: Communication Conflict and Negotiation |
| MGT 302: Principles of International Business (G) | SCM 463: Global Supply Chain Management (G) | COM 414: Crisis Communication |
| MKT 425: Global Marketing Management (G) | | COM 430: Leadership in Group Communication |
| POS 350: Comparative Politics (SB & G) | | COM 453: Communication Training and Development |
| POS 360: World Politics (SB & G) | | ENG 210: Introduction to Creative Writing |
| POS 486: International Political Economy (SB & G) | | ENG 310: Intermediate Creative Writing |
| SCM 463: Global Supply Chain Management (G) | | ENG 345: Selected Authors or Issues |
| SOC 352: Social Change (SB & G & H) | | FAS 301: Introduction to Parenting |
| | | MAT 242: Elementary Linear Algebra |
| | | MAT 243: Discrete Mathematical Structures |
| | | POR 101: Elementary Portuguese I |
| | | ROM 101: Elementary Romanian |
| | | SPA 101: Elementary Spanish I |
| | | SPA 102: Elementary Spanish II |

| Business Skills Courses - No Grades of D or E |
|---|
| ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting |
| ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting |
| CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS) |
| ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB) |
| ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB) |
| ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS) |
| MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA) |

MAT 211: Mathematics for Business Analysis
or MAT 271: Calculus with Analytic
Geometry II (MA)

Total Hours: 120
Upper Division Hours: 50 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
**Hrs Resident Credit for
Academic Recognition:** 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.





2020 - 2021 Major Map







Business (Global Logistics Management), BA


School/College: W. P. Carey School of Business

Location: West campus

BABUSGLBA

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  WPC 101: Student Success in Business | 1 | | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement • Join a student club or organization • Create your first college resume |
| CIS 105: Computer Applications and Information Technology (CS) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 210: Brief Calculus (MA) | 3 | C | |
| SOC course (SB) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
|  Business Skills Courses: No Grades of D or E | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31.25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions | 3 | | <ul style="list-style-type: none"> • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Join the W. P. Carey mentorship programs • Explore student leadership opportunities in W. P. Carey • Research study abroad opportunities recommended for your major |
| ECN 211: Macroeconomic Principles (SB) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 211: Mathematics for Business Analysis | 3 | C | |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
| PSY course () | 3 | C | |
|  Complete CIS 105 with a "C" or better. | | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Complete MAT 210 with a "C" or better. | | | |
|  Business Skills Courses: No Grades of D or E | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15.25 | | |

| Term 3 31.25 - 47.50 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ACC 231: Uses of Accounting Information I | 3 | C | <ul style="list-style-type: none"> • Continuing first-year students will take WPC 248, after completing WPC 148 • New transfer students will take WPC 347 • Explore career resources • Develop your professional online presence |
| ECN 212: Microeconomic Principles (SB) | 3 | C | |
| ECN 221: Business Statistics (CS) | 3 | C | |

| | | |
|---|-------|---|
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C |
| Natural Science - Quantitative (SQ) | 4 | |
| Elective | 3 | |
| ❖ Complete ECN 211 or ECN 212 with a "C" or better. | | |
| ❖ Complete MAT 211 with a "C" or better. | | |
| ❖ Business Skills Courses: No Grades of D or E | | |
| ❖ Minimum 2.00 GPA ASU Cumulative. | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 16.25 | |

- Meet with your **W. P. Carey Career Coach**
- Attend **W. P. Carey** and **ASU Career Fairs**

| Term 4 47.50 - 61.50 Credit Hours Critical course signified by ❖ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ACC 241: Uses of Accounting Information II | 3 | C | <ul style="list-style-type: none"> • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Attend W. P. Carey and ASU career fairs • Apply for internships or create one |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Upper Division Elective | 1 | | |
| ❖ Complete ACC 231 with a "C" or better. | | | |
| ❖ Complete ECN 221 with a "C" or better. | | | |
| ❖ Business Skills Courses: No Grades of D or E | | | |
| ❖ Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 14 | | |

| Term 5 61.50 - 76.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ SCM 300: Global Supply Operations | 3 | C | <ul style="list-style-type: none"> • Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program. • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Meet with your W. P. Carey Career Coach • Update your resume |
| ENG 302: Business Writing (L) | 3 | | |
| FIN 300: Fundamentals of Finance | 3 | C | |
| MKT 300: Marketing and Business Performance | 3 | C | |
| WPC 348: Junior Networking Foundations | 0.25 | C | |
| General Studies Elective | 3 | | |
| ★ Complete ACC 241 with a "C" or better. | | | |
| Term hours subtotal: | 15.25 | | |

| Term 6 76.75 - 91.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ SCM 354: Procurement of Services | 3 | C | <ul style="list-style-type: none"> • Complete an in person or virtual practice interview with your W. P. Carey Career Coach • Complete informational interviews |
| MGT 300: Organization and Management Leadership | 3 | C | |
| Upper Division International Business Course AND Global Awareness (G) | 3 | C | |
| General Studies Elective | 3 | | |
| Upper Division Humanities, Arts and Design (HU) | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 91.75 - 106.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ SCM 314: Analytics for Logistics | 3 | C | <ul style="list-style-type: none"> • Attend W. P. Carey and ASU Career Fairs • Gather professional references • Update your resume • Meet with your academic advisor to discuss your internship course options |
| ★ SCM 344: Applied Logistics Management | 3 | C | |
| ★ SCM 385: Business and Sustainability I | 3 | C | |
| LES 305: Business Law and Ethics for Managers | 3 | C | |
| Upper Division Elective OR WPC 484: Internship | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 106.75 - 120.00 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ MGT 411: Leading Organizations | 3 | C | <ul style="list-style-type: none"> • Apply for full-time career opportunities |
| ★ SCM 445: Advanced Logistics Management | 3 | C | |
| WPC 300: Problem Solving and Actionable Analytics | 3 | C | |
| WPC 448: Senior Career Transition Management | 0.25 | C | |
| Upper Division Elective | 1 | | |
| Elective | 3 | | |
| Term hours subtotal: | 13.25 | | |

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.

Hide Course List(s)/Track Group(s)

| Upper Division International Business Course-select one course (3 credit hours) | General Studies Electives | General Studies Electives Continued |
|---|--|---|
| AGB 302: International Management and Agribusiness (G) | ASL 101: American Sign Language I | LAT 101: Elementary Latin |
| ECN 306: Survey of International Economics (SB & G) | ASL 102: American Sign Language II | LAT 102: Elementary Latin |
| MGT 302: Principles of International Business (G) | ASL 201: American Sign Language III | MAT 242: Elementary Linear Algebra |
| MKT 425: Global Marketing Management (G) | ASL 202: American Sign Language IV | MAT 243: Discrete Mathematical Structures |
| SCM 463: Global Supply Chain Management (G) | BIO 320: Fundamentals of Ecology | MAT 310: Introduction to Geometry |
| | CHI 110: Intensive Chinese I | MAT 342: Linear Algebra |
| | CHI 205: Chinese Calligraphy | MAT 370: Intermediate Calculus |
| | COM 207: Introduction to Communication Inquiry | MAT 371: Advanced Calculus I |
| | COM 259: Communication in Business and the Professions | MAT 372: Advanced Calculus II |
| | COM 281: Communication Activities | MAT 410: Introduction to General Topology |
| | COM 312: Communication Conflict and Negotiation | MAT 415: Introduction to Combinatorics |
| | COM 341: Social Contexts for Performance | MAT 416: Graph Theory |
| | COM 414: Crisis Communication | MAT 442: Advanced Linear Algebra |
| | | MAT 443: Introduction to Abstract Algebra |

| | |
|---|---|
| COM 430: Leadership in Group Communication | MAT 444: Intermediate Abstract Algebra |
| COM 453: Communication Training and Development | MAT 445: Theory of Numbers |
| COM 465: Intercultural Communication Workshop | MAT 460: Vector Calculus |
| ENG 210: Introduction to Creative Writing | MAT 461: Applied Complex Analysis |
| ENG 213: Introduction to the Study of Language | MAT 462: Applied Partial Differential Equations |
| ENG 310: Intermediate Creative Writing | MAT 472: Intermediate Real Analysis I |
| ENG 314: Modern Grammar | MAT 475: Differential Equations |
| ENG 345: Selected Authors or Issues | MAT 485: History of Mathematics |
| FAS 301: Introduction to Parenting | POR 101: Elementary Portuguese I |
| GCU 433: Geography of Southeast Asia | POR 102: Elementary Portuguese II |
| GRK 101: Elementary Ancient Greek | ROM 101: Elementary Romanian |
| GRK 201: Intermediate Ancient Greek | ROM 201: Intermediate Romanian |
| HST 389: Japan Society and Values/Premod | ROM 313: Romanian Composition and Conversation |
| JPN 110: Intensive Japanese I | ROM 314: Romanian Composition and Conversation |
| IDN 101: Elementary Indonesian I | RUS 101: Elementary Russian I |
| IDN 102: Elementary Indonesian II | RUS 102: Elementary Russian II |
| JPN 206: Japanese Calligraphy | SPA 101: Elementary Spanish I |
| JPN 414: Introduction to Classical Japanese | SPA 102: Elementary Spanish II |
| KOR 101: First-Year Korean I | SPA 111: Fundamentals of Spanish |
| KOR 102: First-Year Korean II | SPA 486: Chicano/a Novel: <i>Áltima Rafa y Lala</i> |
| | UNI 110: Critical Reading and Thinking |

Business Skills Courses - No Grades of D or E

ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting

ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting

CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS)

ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB)

ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB)

ECN 221: Business Statistics (CS) or ECN
231: Honors Business Statistics (CS)

MAT 210: Brief Calculus (MA) or MAT 270:
Calculus with Analytic Geometry I (MA)

MAT 211: Mathematics for Business Analysis
or MAT 271: Calculus with Analytic
Geometry II (MA)

Total Hours: 120

Upper Division Hours: 50 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.

2020 - 2021 Major Map

Business (Global Logistics Management), BA

School/College: W. P. Carey School of Business

Location: .

BABUSGLBA















and

International

Trade, BS

Thunderbird School of Global Management

TBINTRABS

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes | |
|---|-------|---------------|--|---|
|  CIS 105: Computer Applications and Information Technology (CS) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Create a first draft resume. • Create your LinkedIn profile. • Create your Handshake profile. | |
|  MAT 210: Brief Calculus (MA) | 3 | C | | |
|  TGM 101: Principles of Global Management (G) | 3 | C | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | | |
| TGM 191: First-Year Seminar OR WPC 101: Student Success in Business | 1 | | | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | | |
|  Business Skills Courses: No Grades of D or E | | | | |
| Term hours subtotal: | 16 | | | |
| Term 2 16 - 31.25 Credit Hours Critical course signified by  | Hours | Minimum Grade | | Notes |
|  ECN 211: Macroeconomic Principles (SB) | 3 | C | | <ul style="list-style-type: none"> • Build your professional connections -- join the ASU Mentor Network • Join a student club or professional organization. • Secure a part-time job or a volunteer experience. • Research study abroad opportunities recommended for your major |
|  MAT 211: Mathematics for Business Analysis | 3 | C | | |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | | |
| COM 225: Public Speaking (L) | 3 | C | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | | |
|  Business Skills Courses: No Grades of D or E | | | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | | |
| Term hours subtotal: | 15.25 | | | |
| Term 3 31.25 - 47.50 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes | |
|  ACC 231: Uses of Accounting Information I | 3 | C | <ul style="list-style-type: none"> • Develop your skills • Continuing first-year students will take WPC 248, after completing WPC 148 • New transfer students will take WPC 347 | |
|  ECN 212: Microeconomic Principles (SB) | 3 | C | | |
|  ECN 221: Business Statistics (CS) | 3 | C | | |
| TGM 204: Principles of Marketing for Global Organizations OR MKT 300: Marketing and Business Performance | 3 | C | | |
| Term hours subtotal: | | | | |

WPC 248: Sophomore Career Narrative Design OR WPC 347:
Intermediate Career Management 0.25 C

Natural Science - Quantitative (SQ) 4

❗ Business Skills Courses: No Grades of D or E

❗ Complete First-Year Composition requirement.

Complete Mathematics (MA) requirement.

Term hours subtotal: 16.25

| Term 4 47.50 - 62.50 Credit Hours Critical course signified by ❗ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

❗ ACC 241: Uses of Accounting Information II 3 C

ECN 306: Survey of International Economics (SB & G) 3 C

MGT 300: Organization and Management Leadership 3 C

Natural Science - Quantitative (SQ) OR Natural Science - General (SG) 4

Elective 2

❗ Business Skills Courses: No Grades of D or E

Term hours subtotal: 15

| Term 5 62.50 - 77.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

★ SCM 300: Global Supply Operations OR TGM 310: Supply Chain Operations for Global Organizations 3 C

★ TGM 312: Big Data in the Global Economy 3 C

★ TGM 468: States and Markets in a Global Economy (SB & G) 3 C

LES 305: Business Law and Ethics for Managers 3 C

WPC 300: Problem Solving and Actionable Analytics 3 C

WPC 348: Junior Networking Foundations 0.25 C

Term hours subtotal: 15.25

| Term 6 77.75 - 92.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

★ FIN 300: Fundamentals of Finance OR TGM 300: Principles of Finance for Global Organizations 3 C

★ SCM 314: Analytics for Logistics 3 C

★ SCM 354: Procurement of Services 3 C

★ TGM 353: Regional Management Environment (G) 3 C

★ TGM 430: International Trade and Regional Economic Agreements 3 C

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal: 15

| Term 7 92.75 - 107.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

★ SCM 344: Applied Logistics Management 3 C

★ SCM 385: Business and Sustainability I 3 C

★ TGM 484: Internship 3 C

★ TGM 489: Multinational Organizational Leadership 3 C

- Be sure to take upcoming SCM courses in the term indicated, due to limited section availability on West campus.
- To register for LES 305, a minimum 2.50 GPA is required.





- Work with your advisor to start planning your required internship experience.

- TGM 484: Internship (minimum of 3 credit hours) suggested during summer term or Term 7. Work with your advisor to start planning your required internship experience.
- Use Handshake to research employment opportunities.
- Complete an in person or virtual practice interview.

- Gather professional references.
- Apply for full-time career opportunities.

MGT 411: Leading Organizations 3 C

Term hours subtotal: 15

| Term 8 107.75 - 120.00 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  SCM 445: Advanced Logistics Management | 3 | C | |
|  TGM 460: Global Risk Assessment and Management | 3 | C | |
|  TGM 498: Pro-Seminar (L) | 3 | C | |
| TGM 478: Cross-Cultural Communication and Negotiation | 3 | C | |
| WPC 448: Senior Career Transition Management | 0.25 | C | |
| Term hours subtotal: | 12.25 | | |

Hide Course List(s)/Track Group(s)

Business Skills Courses - No Grades of D or E

ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting

ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting

CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS)

ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB)

ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB)

ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS)

MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA)

MAT 211: Mathematics for Business Analysis or MAT 271: Calculus with Analytic Geometry II (MA)

Total Hours: 120

Upper Division Hours: 50 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)

Total Community College Hrs: 64 maximum

- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map





Business (Global Logistics Management), BA



School/College: [W. P. Carey School of Business](#)





Location: [Online](#)

BABUSGLBA

| Term 1 - A 0 - 7 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  CIS 105: Computer Applications and Information Technology (CS) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses • ASU 101 or College specific equivalent First Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement • Create your first college resume |
|  WPC 101: Student Success in Business | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  MAT 210: Brief Calculus (MA) | 3 | C | <ul style="list-style-type: none"> • View ASU Online first-year student registration information here • Mathematics Placement Assessment score determines placement in mathematics course • Join a student club or organization |
| SOC course (SB) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
|  Business Skills Courses: No Grades of D or E | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 9 | | |





| Term 2 - A 16 - 22.25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  MAT 211: Mathematics for Business Analysis | 3 | C | <ul style="list-style-type: none"> • Join the W. P. Carey mentorship programs • Research study abroad opportunities recommended for your major |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
| Term hours subtotal: | 6.25 | | |



| Term 2 - B 22.25 - 31.25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions | 3 | | |
| ECN 211: Macroeconomic Principles (SB) | 3 | C | |
| PSY course (SB) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Business Skills Courses: No Grades of D or E | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 9 | | |




| Term 3 - A 31.25 - 40.25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  ACC 231: Uses of Accounting Information I | 3 | C | |



| | | |
|--|---|---|
| ECN 212: Microeconomic Principles (SB) | 3 | C |
| General Studies Elective | 3 | |
| Term hours subtotal: | 9 | |



- Explore [career resources](#).
- Meet with your [W. P. Carey Career Coach](#)
- Attend [W. P. Carey and ASU Career Fairs](#)

| Term 3 - B 40.25 - 46.50 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  ACC 241: Uses of Accounting Information II | 3 | C | <ul style="list-style-type: none"> • Continuing first-year students will take WPC 248, after completing WPC 148 • New transfer students will take WPC 347 • Develop your professional online presence |
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C | |
| Elective | 3 | | |
| Complete ECN 211 AND ECN 212. | | | |
|  Business Skills Courses: No Grades of D or E | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 6.25 | | |

| Term 4 - A 46.50 - 53.50 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  ECN 221: Business Statistics (CS) | 3 | C | <ul style="list-style-type: none"> • Attend W. P. Carey and ASU career fairs • Apply for internships or create one |
| Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 4 - B 53.50 - 59.50 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| General Studies Elective | 3 | | |
| Cultural Diversity in the U.S. (C) | 3 | | |
|  Business Skills Courses: No Grades of D or E | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 6 | | |

| Term 5 - A 59.50 - 65.75 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  SCM 300: Global Supply Operations | 3 | C | <ul style="list-style-type: none"> • Meet with your W. P. Carey Career Coach • Update your resume |
| MKT 300: Marketing and Business Performance | 3 | C | |
| WPC 348: Junior Networking Foundations | 0.25 | C | |
| Term hours subtotal: | 6.25 | | |

| Term 5 - B 65.75 - 74.75 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  MGT 300: Organization and Management Leadership | 3 | C | <ul style="list-style-type: none"> • Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program. |
| ENG 302: Business Writing (L) | 3 | | |
| WPC 300: Problem Solving and Actionable Analytics | 3 | C | |
| Term hours subtotal: | 9 | | |

| Term 6 - A 74.75 - 81.75 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  SCM 354: Procurement of Services | 3 | C | <ul style="list-style-type: none"> • Complete informational interviews |

Natural Science - Quantitative (SQ) OR Natural Science - General (SG) 4

Term hours subtotal: 7

| Term 6 - B 81.75 - 90.75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|



| | | | |
|---|---|---|---|
| ★ FIN 300: Fundamentals of Finance | 3 | C | <ul style="list-style-type: none"> Complete an in person or virtual practice interview with your W. P. Carey Career Coach |
| Upper Division International Business Course AND Global Awareness (G) | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) | 3 | | |

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal: 9

| Term 7 - A 90.75 - 96.75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|



| | | | |
|--|---|---|--|
| ★ SCM 314: Analytics for Logistics | 3 | C | <ul style="list-style-type: none"> Attend W. P. Carey and ASU Career Fairs |
| ★ SCM 385: Business and Sustainability I | 3 | C | |

Term hours subtotal: 6

| Term 7 - B 96.75 - 105.75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|



| | | | |
|---|---|---|--|
| ★ MGT 411: Leading Organizations | 3 | C | <ul style="list-style-type: none"> Gather professional references Update your resume |
| ★ SCM 344: Applied Logistics Management | 3 | C | |
| LES 305: Business Law and Ethics for Managers | 3 | C | |

Term hours subtotal: 9

| Term 8 - A 105.75 - 114.00 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|



| | | | |
|--|------|---|---|
| ★ SCM 445: Advanced Logistics Management | 3 | C | <ul style="list-style-type: none"> Apply for full-time career opportunities |
| WPC 448: Senior Career Transition Management | 0.25 | C | |
| Upper Division Elective OR WPC 484: Internship | 3 | | |
| Upper Division Elective | 2 | | |

Term hours subtotal: 8.25

| Term 8 - B 114.00 - 120.00 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | | |
|-----------------------------------|---|--|--|
| Literacy and Critical Inquiry (L) | 3 | | |
|-----------------------------------|---|--|--|

| | | | |
|----------|---|--|--|
| Elective | 3 | | |
|----------|---|--|--|

Term hours subtotal: 6

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.
 - Students cannot share Upper Division International Business Elective with concentration course requirements.

Hide Course List(s)/Track Group(s)

| Upper Division International Business Course- select one course (3 credit hours) | General Studies Electives | Business Skills Courses - No Grades of D or E |
|---|--|---|
| AGB 302: International Management and Agribusiness (G) | BIO 320: Fundamentals of Ecology | ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting |
| ECN 306: Survey of International Economics (SB & G) | COM 207: Introduction to Communication Inquiry | ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting |
| MGT 302: Principles of International Business (G) | COM 259: Communication in Business and the Professions | CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS) |
| MKT 425: Global Marketing Management (G) | COM 312: Communication Conflict and Negotiation | ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB) |
| SCM 463: Global Supply Chain Management (G) | COM 414: Crisis Communication | ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB) |
| | COM 430: Leadership in Group Communication | ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS) |
| | COM 453: Communication Training and Development | MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA) |
| | ENG 210: Introduction to Creative Writing | MAT 211: Mathematics for Business Analysis or MAT 271: Calculus with Analytic Geometry II (MA) |
| | ENG 310: Intermediate Creative Writing | |
| | ENG 345: Selected Authors or Issues | |
| | FAS 301: Introduction to Parenting | |
| | MAT 242: Elementary Linear Algebra | |
| | MAT 243: Discrete Mathematical Structures | |
| | POR 101: Elementary Portuguese I | |
| | ROM 101: Elementary Romanian | |
| | SPA 101: Elementary Spanish I | |
| | SPA 102: Elementary Spanish II | |

Total Hours: 120

Upper Division Hours: 50 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.





2020 - 2021 Major Map







Business (Global Politics), BA


School/College: W. P. Carey School of Business

Location: Tempe campus

BABUSGPBA

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  WPC 101: Student Success in Business | 1 | | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement • Join a student club or organization • Create your first college resume |
| CIS 105: Computer Applications and Information Technology (CS) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 210: Brief Calculus (MA) | 3 | C | |
| SOC course (SB) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
|  Business Skills Courses: No Grades of D or E | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31.25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions | 3 | | <ul style="list-style-type: none"> • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Join the W. P. Carey mentorship programs • Explore student leadership opportunities in W. P. Carey • Research study abroad opportunities recommended for your major |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| ECN 211: Macroeconomic Principles (SB) | 3 | C | |
| MAT 211: Mathematics for Business Analysis | 3 | C | |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
| PSY course (SB) | 3 | | |
|  Complete CIS 105 with a grade of "C" or better. | | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Complete MAT 210 with a grade of "C" or better. | | | |
|  Business Skills Courses: No Grades of D or E | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15.25 | | |

| Term 3 31.25 - 47.50 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ACC 231: Uses of Accounting Information I | 3 | C | <ul style="list-style-type: none"> • Continuing first-year students will take WPC 248, after completing WPC 148 • New transfer students will take WPC 347 • Explore career resources • Develop your professional online presence |
| ECN 212: Microeconomic Principles (SB) | 3 | C | |
| ECN 221: Business Statistics (CS) | 3 | C | |

| | | |
|---|-------|---|
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C |
| Humanities, Arts and Design (HU) | 3 | |
| Natural Science - Quantitative (SQ) | 4 | |
| ❖ Complete ECN 211 or ECN 212 with a grade of "C" or better. | | |
| ❖ Complete MAT 211 with a grade of "C" or better. | | |
| ❖ Business Skills Courses: No Grades of D or E | | |
| ❖ Minimum 2.00 GPA ASU Cumulative. | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 16.25 | |

- Meet with your **W. P. Carey Career Coach**
- Attend **W. P. Carey** and **ASU Career Fairs**

| Term 4 47.50 - 61.50 Credit Hours Critical course signified by ❖ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ❖ Global Politics Concentration Course | 3 | C | <ul style="list-style-type: none"> • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Attend W. P. Carey and ASU career fairs • Apply for internships or create one |
| ACC 241: Uses of Accounting Information II | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Upper Division Elective | 1 | | |
| ❖ Complete ACC 231 with a grade of "C" or better. | | | |
| ❖ Complete ECN 221 with a grade of "C" or better. | | | |
| ❖ Business Skills Courses: No Grades of D or E | | | |
| ❖ Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 14 | | |

| Term 5 61.50 - 76.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ Global Politics Concentration Course | 3 | C | <ul style="list-style-type: none"> • Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program. • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Meet with your W. P. Carey Career Coach • Update your resume |
| WPC 348: Junior Networking Foundations | 0.25 | C | |
| ENG 302: Business Writing (L) | 3 | | |
| FIN 300: Fundamentals of Finance | 3 | C | |
| MGT 300: Organization and Management Leadership | 3 | C | |
| Upper Division Elective | 3 | | |
| ★ Complete ACC 241 with a grade of "C" or better. | | | |
| Term hours subtotal: | 15.25 | | |

| Term 6 76.75 - 91.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ POS 350: Comparative Politics (SB & G) | 3 | C | <ul style="list-style-type: none"> • Complete an in person or virtual practice interview with your W. P. Carey Career Coach • Meet with your academic advisor to discuss your internship course options |
| MKT 300: Marketing and Business Performance | 3 | C | |
| WPC 300: Problem Solving and Actionable Analytics | 3 | C | |
| Upper Division Global Politics Concentration Course | 3 | C | |
| Upper Division Elective OR POS 484: Internship OR WPC 484: Internship | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 91.75 - 106.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ POS 360: World Politics (SB & G) | 3 | C | <ul style="list-style-type: none"> • Attend W. P. Carey and ASU Career Fairs • Gather professional references • Update your resume • Meet with your academic advisor to discuss your internship course options |
| SCM 300: Global Supply Operations | 3 | C | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Upper Division Elective OR POS 484: Internship OR WPC 484: Internship | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 106.75 - 120.00 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ Upper Division Global Politics Concentration Course | 3 | C | <ul style="list-style-type: none"> • Apply for full-time career opportunities • Meet with your academic advisor to discuss your internship course options |
| LES 305: Business Law and Ethics for Managers | 3 | C | |
| Upper Division International Business Course AND Global Awareness (G) | 3 | C | |
| WPC 448: Senior Career Transition Management | 0.25 | C | |
| Upper Division Elective OR POS 484: Internship OR WPC 484: Internship | 3 | | |
| Upper Division Elective | 1 | | |
| Term hours subtotal: | 13.25 | | |

Hide Course List(s)/Track Group(s)

| | | |
|---|--|--|
| Global Politics Concentration (Comparative Politics) - select one course (3 credit hours) | Global Politics Concentration (Global Issues and Problems) - select two courses (6 credit hours) | Global Politics Concentration (World Politics) - select one course (3 credit hours) |
| CEL 320: Modern Political Thought: Origins and Debates about Modern Liberty | CEL 394: Left and Right Around the World | POS 300: Contemporary Global Controversies (SB & G) |
| CEL 494: Political Leadership and Statesmanship | CEL 494: Political Thought: Islam Hinduism Confucianism | POS 346: Problems of Democracy (HU) |
| POS 150: Comparative Government (SB & G) | POS 351: Democratization (SB & G) | POS 348: Do You Want to Build a Nation? (L) |
| POS 210: Political Ideologies (SB) | POS 361: American Foreign Policy (SB & G) | POS 443: Topics in Contemporary Political Theory (HU) |
| POS 341: History of Political Philosophy II (HU & H) | POS 364: National Security Intelligence and Terrorism (SB) | POS 470: Law and the Political Order (SB) |
| POS 352: European Democracies | POS 367: World Politics and Global Inequalities (G) | POS 475: Morality and Politics |
| POS 452: China (SB & G) | | POS 486: International Political Economy (SB & G) |
| POS 453: Latin America (SB & G) | | SGS 101: Thinking Globally: The Individual and Authority (SB & G) or SGS 301: Principles of Global Studies (G) |
| POS 358: Southeast Asia (SB & G) | | SGS 350: Economic Development and Globalization |
| POS 442: American Political Thought (HU) | | |
| Upper Division International Business Course - select one course (3 credit hours) | Business Skills Courses - No Grades of D or E | |

| | |
|--|---|
| AGB 302: International Management and Agribusiness (G) | ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting |
| ECN 306: Survey of International Economics (SB & G) | |
| MGT 302: Principles of International Business (G) | ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting |
| MKT 425: Global Marketing Management (G) | |
| SCM 463: Global Supply Chain Management (G) | CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS) |
| | ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB) |
| | ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB) |
| | ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS) |
| | MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA) |
| | MAT 211: Mathematics for Business Analysis or MAT 271: Calculus with Analytic Geometry II (MA) |

Total Hours: 120
Upper Division Hours: 50 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.





2020 - 2021 Major Map







Business (Health Care), BA


School/College: [W. P. Carey School of Business](#)

Location: [West campus](#)

BABUSHCBA

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  WPC 101: Student Success in Business | 1 | | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement. See academic advisor for appropriate Student Success course requirement if not a first-time freshman • Join a student club or organization • Create your first college resume |
| CIS 105: Computer Applications and Information Technology (CS) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 210: Brief Calculus (MA) | 3 | C | |
| SOC course (SB) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
|  Business Skills Courses: No Grades of D or E | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31.25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions | 3 | | <ul style="list-style-type: none"> • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Join the W. P. Carey mentorship programs • Explore student leadership opportunities in W. P. Carey • Research study abroad opportunities recommended for your major |
| ECN 211: Macroeconomic Principles (SB) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 211: Mathematics for Business Analysis | 3 | C | |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
| PSY course (SB) | 3 | C | |
|  Complete CIS 105 with a grade of "C" or better. | | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Complete MAT 210 with a grade of "C" or better. | | | |
|  Business Skills Courses: No Grades of D or E | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15.25 | | |

| Term 3 31.25 - 47.50 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ACC 231: Uses of Accounting Information I | 3 | C | <ul style="list-style-type: none"> • Continuing first-year students will take WPC 248, after completing WPC 148 • New transfer students will take WPC 347 • Explore career resources • Develop your professional online presence |
| ECN 212: Microeconomic Principles (SB) | 3 | C | |
| ECN 221: Business Statistics (CS) | 3 | C | |

| | | |
|---|-------|---|
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C |
| General Studies Elective | 3 | |
| Natural Science - Quantitative (SQ) | 4 | |
| ❖ Complete ECN 211 or ECN 212 course(s) with a grade of "C" or better. | | |
| ❖ Complete MAT 211 with a grade of "C" or better. | | |
| ❖ Minimum 2.00 GPA ASU Cumulative. | | |
| ❖ Business Skills Courses: No Grades of D or E | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 16.25 | |

- Meet with your **W. P. Carey Career Coach**
- Attend **W. P. Carey** and **ASU Career Fairs**

| Term 4 47.50 - 61.50 Credit Hours Critical course signified by ❖ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ACC 241: Uses of Accounting Information II | 3 | C | |
| HCR 220: Introduction to Health Professions and the U.S. Health Care System (H) | 3 | C | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Upper Division Elective | 1 | | |
| ❖ Complete ACC 231 with a grade of "C" or better. | | | |
| ❖ Complete ECN 221 with a grade of "C" or better. | | | |
| ❖ Business Skills Courses: No Grades of D or E | | | |
| ❖ Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 14 | | |

- Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your **academic advisor** for more information and options.
- Attend **W. P. Carey** and **ASU career fairs**
- Apply for **internships** or **create one**

| Term 5 61.50 - 76.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ MGT 300: Organization and Management Leadership | 3 | C | |
| ★ SCM 300: Global Supply Operations | 3 | C | |
| ENG 302: Business Writing (L) | 3 | | |
| MKT 300: Marketing and Business Performance | 3 | C | |
| WPC 348: Junior Networking Foundations | 0.25 | C | |
| Business Health Care Track Course | 3 | C | |
| ★ Complete ACC 241 with a grade of "C" or better. | | | |
| Term hours subtotal: | 15.25 | | |

- Choose one of the available five Health Care tracks and within that track, complete at least four courses (12 credit hours).
- Students pursuing concurrent degrees within **W. P. Carey** cannot share coursework in the major. Major coursework must be unique to each degree program.
- Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your **academic advisor** for more information and options.
- Meet with your **W. P. Carey Career Coach**
- Update your **resume**

| Term 6 76.75 - 91.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ Upper Division Business Health Care Track Course | 3 | C | |
| WPC 300: Problem Solving and Actionable Analytics | 3 | C | |
| Upper Division International Business Elective AND Global Awareness (G) | 3 | C | |
| Upper Division General Studies Elective | 3 | | |

- Complete **informational interviews**
- Complete an in person or virtual practice interview with your **W. P. Carey Career Coach**

Literacy and Critical Inquiry (L) 3

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal: 15

| ★ Term 7 91.75 - 106.75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ Upper Division Business Health Care Track Course | 3 | C | <ul style="list-style-type: none"> All upper-division Business Core classes (including International Business course) must be completed before enrolling in WPC 470 Attend W. P. Carey and ASU Career Fairs Gather professional references Update your resume Meet with your academic advisor to discuss your internship course options |
| FIN 300: Fundamentals of Finance | 3 | C | |
| LES 305: Business Law and Ethics for Managers | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) | 3 | | |
| Upper Division Elective OR WPC 484: Internship | 3 | | |
| Term hours subtotal: | 15 | | |

| ★ Term 8 106.75 - 120.00 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ WPC 470: Business Administration Capstone | 3 | C | <ul style="list-style-type: none"> Apply for full-time career opportunities |
| Upper Division Business Health Care Track Course | 3 | C | |
| WPC 448: Senior Career Transition Management | 0.25 | C | |
| Upper Division Elective | 4 | | |
| Elective | 3 | | |
| Term hours subtotal: | 13.25 | | |

- W. P. Carey School of Business students may not use courses with the following prefixes to satisfy General Education course requirements: ACC, AGB, BUA, BUS, CIS, ECN, FIN, LES, MGT, MKT, QBA, REA, SCM, WPC.
 - Courses that qualify as meeting the General Education course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.
 - ASU Language Placement:** Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned.

Hide Course List(s)/Track Group(s)

| Health Care Analytics - 4 courses (12 credit hours) | Health Care Community - 4 courses (12 credit hours) | Health Care Coordination - 4 courses (12 credit hours) |
|---|--|--|
| CIS 235: Introduction to Information Systems | HCR 231: Fundamentals of Community Health | HCR 302: Social Determinants of Health |
| CIS 308: Advanced Excel in Business | HCR 335: Program Development and Management for Community Health | HCR 321: Advanced Concepts for Health Care Coordination |
| CIS 310: Business Data Visualization | HCR 430: Foundation to Health Care Systems | HCR 420: Professional Role Development: Health Care Coordination |
| CIS 405: Business Intelligence | HCR 435: Leaders in Community Health | HCR 422: Policy and Financial Principles in Health Care Coordination |

| | | |
|--|--|---|
| Health Care Delivery - 4 courses (12 credit hours) | Health Care Innovation - 4 courses (12 credit hours) | Upper Division International Business Course - one course (3 credit hours) |
| HCD 302: Health Care Management | HCI 311: Health Innovation: Foundational Concepts | AGB 302: International Management and Agribusiness (G) |
| HCD 303: Global Health Care Systems (G) | HCI 421: Health Care Policy: The Innovator's View | ECN 306: Survey of International Economics (SB & G) |
| HCD 304: Health Care Finance | HCI 425: Facilitating Innovation to Achieve Outcomes | MGT 302: Principles of International Business (G) |
| HCD 330: Health Care Systems in the U.S. | HCI 428: Technology: A Tool to Advance Innovation in Health Care | MKT 425: Global Marketing Management (G) |
| HCD 401: Leadership and Professionalism | | SCM 463: Global Supply Chain Management (G) |
| HCD 402: Health Economics | | |
| HCD 403: Process Engineering | | |
| General Studies Electives | General Studies Electives Continued | Business Skills Courses - No Grades of D or E |
| ASL 101: American Sign Language I | LAT 101: Elementary Latin | ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting |
| ASL 102: American Sign Language II | LAT 102: Elementary Latin | ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting |
| ASL 201: American Sign Language III | MAT 242: Elementary Linear Algebra | CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS) |
| ASL 202: American Sign Language IV | MAT 243: Discrete Mathematical Structures | ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB) |
| BIO 320: Fundamentals of Ecology | MAT 310: Introduction to Geometry | ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB) |
| CHI 110: Intensive Chinese I | MAT 342: Linear Algebra | ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS) |
| CHI 205: Chinese Calligraphy | MAT 370: Intermediate Calculus | MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA) |
| COM 207: Introduction to Communication Inquiry | MAT 371: Advanced Calculus I | MAT 211: Mathematics for Business Analysis or MAT 271: Calculus with Analytic Geometry II (MA) |
| COM 259: Communication in Business and the Professions | MAT 372: Advanced Calculus II | |
| COM 281: Communication Activities | MAT 410: Introduction to General Topology | |
| COM 312: Communication Conflict and Negotiation | MAT 415: Introduction to Combinatorics | |
| COM 341: Social Contexts for Performance | MAT 416: Graph Theory | |
| COM 414: Crisis Communication | MAT 442: Advanced Linear Algebra | |
| COM 430: Leadership in Group Communication | MAT 443: Introduction to Abstract Algebra | |
| COM 453: Communication Training and Development | MAT 444: Intermediate Abstract Algebra | |
| COM 465: Intercultural Communication Workshop | MAT 445: Theory of Numbers | |
| ENG 210: Introduction to Creative Writing | MAT 460: Vector Calculus | |
| ENG 213: Introduction to the Study of Language | MAT 461: Applied Complex Analysis | |
| ENG 310: Intermediate Creative Writing | MAT 462: Applied Partial Differential Equations | |
| ENG 314: Modern Grammar | MAT 472: Intermediate Real Analysis I | |
| ENG 345: Selected Authors or Issues | MAT 475: Differential Equations | |
| | MAT 485: History of Mathematics | |
| | POR 101: Elementary Portuguese I | |
| | ROM 101: Elementary Romanian | |
| | ROM 201: Intermediate Romanian | |

| | |
|---|---|
| FAS 301: Introduction to Parenting | ROM 313: Romanian Composition and Conversation |
| GCU 433: Geography of Southeast Asia | ROM 314: Romanian Composition and Conversation |
| GRK 101: Elementary Ancient Greek | RUS 101: Elementary Russian I |
| GRK 201: Intermediate Ancient Greek | RUS 102: Elementary Russian II |
| HST 389: Japan Society and Values/Premod | SPA 101: Elementary Spanish I |
| JPN 110: Intensive Japanese I | SPA 102: Elementary Spanish II |
| IDN 101: Elementary Indonesian I | SPA 111: Fundamentals of Spanish |
| IDN 102: Elementary Indonesian II | SPA 486: Chicano/a Novel: <i>Áltima Rafa y Lala</i> |
| JPN 206: Japanese Calligraphy | UNI 110: Critical Reading and Thinking |
| JPN 414: Introduction to Classical Japanese | |
| KOR 101: First-Year Korean I | |
| KOR 102: First-Year Korean II | |

Total Hours: 120

Upper Division Hours: 50 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.





2020 - 2021 Major Map







Business (Human Resources), BA


School/College: W. P. Carey School of Business

Location: Polytechnic campus

BABUSHRBA

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  WPC 101: Student Success in Business | 1 | | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement • Join a student club or organization • Create your first college resume |
| CIS 105: Computer Applications and Information Technology (CS) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 210: Brief Calculus (MA) | 3 | C | |
| SOC course (SB) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
|  Business Skills Courses: No Grades of D or E | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31.25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions | 3 | | <ul style="list-style-type: none"> • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Join the W. P. Carey mentorship programs • Explore student leadership opportunities in W. P. Carey • Research study abroad opportunities recommended for your major |
| ECN 211: Macroeconomic Principles (SB) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 211: Mathematics for Business Analysis | 3 | C | |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
| PSY course (SB) | 3 | | |
|  Complete CIS 105 with a grade of "C" or better. | | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Complete MAT 210 with a grade of "C" or better. | | | |
|  Business Skills Courses: No Grades of D or E | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15.25 | | |

| Term 3 31.25 - 47.50 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ACC 231: Uses of Accounting Information I | 3 | C | <ul style="list-style-type: none"> • Continuing first-year students will take WPC 248, after completing WPC 148 • New transfer students will take WPC 347 • Explore career resources • Develop your professional online presence |
| ECN 212: Microeconomic Principles (SB) | 3 | C | |
| ECN 221: Business Statistics (CS) | 3 | C | |

| | | |
|---|-------|---|
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C |
| General Studies Elective | 3 | |
| Natural Science - Quantitative (SQ) | 4 | |
| ❖ Complete ECN 211 or ECN 212 with a grade of "C" or better. | | |
| ❖ Complete MAT 211 with a grade of "C" or better. | | |
| ❖ Minimum 2.00 GPA ASU Cumulative. | | |
| ❖ Business Skills Courses: No Grades of D or E | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 16.25 | |

- Meet with your **W. P. Carey Career Coach**
- Attend **W. P. Carey** and **ASU Career Fairs**

| Term 4 47.50 - 61.50 Credit Hours Critical course signified by ❖ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ACC 241: Uses of Accounting Information II | 3 | C | <ul style="list-style-type: none"> • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Attend W. P. Carey and ASU career fairs • Apply for internships or create one |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Upper Division Elective | 1 | | |
| ❖ Complete ACC 231 with a grade of "C" or better. | | | |
| ❖ Complete ECN 221 with a grade of "C" or better. | | | |
| ❖ Business Skills Courses: No Grades of D or E | | | |
| ❖ Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 14 | | |

| Term 5 61.50 - 76.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ MGT 300: Organization and Management Leadership | 3 | C | <ul style="list-style-type: none"> • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Meet with your W. P. Carey Career Coach • Update your resume |
| ENG 302: Business Writing (L) | 3 | | |
| MKT 300: Marketing and Business Performance | 3 | C | |
| SCM 300: Global Supply Operations | 3 | C | |
| WPC 348: Junior Networking Foundations | 0.25 | C | |
| General Studies Elective | 3 | | |
| ★ Complete ACC 241 with a grade of "C" or better. | | | |
| Term hours subtotal: | 15.25 | | |

| Term 6 76.75 - 91.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ MGT 420: Human Resource Management | 3 | C | <ul style="list-style-type: none"> • Complete informational interviews • Complete an in person or virtual practice interview with your W. P. Carey Career Coach |
| WPC 300: Problem Solving and Actionable Analytics | 3 | C | |
| Upper Division International Business Course AND Global Awareness (G) | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) | 3 | | |
| General Studies Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 91.75 - 106.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ MGT 421: Compensation in Organizations | 3 | C | <ul style="list-style-type: none"> • Attend W. P. Carey and ASU Career Fairs • Gather professional references • Update your resume • Meet with your academic advisor to discuss your internship course options |
| ★ MGT 423: Training and Development in Organizations | 3 | C | |
| ★ MGT 425: Global Human Resources | 3 | C | |
| LES 305: Business Law and Ethics for Managers | 3 | C | |
| Upper Division Elective OR MGT 484: Internship | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 106.75 - 120.00 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ MGT 422: Staffing | 3 | C | <ul style="list-style-type: none"> • Apply for full-time career opportunities |
| ★ MGT 424: Employment Law | 3 | C | |
| WPC 448: Senior Career Transition Management | 0.25 | C | |
| FIN 300: Fundamentals of Finance | 3 | C | |
| Elective | 3 | | |
| Upper Division Elective | 1 | | |
| Term hours subtotal: | 13.25 | | |

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.

Hide Course List(s)/Track Group(s)

| Upper Division International Business Course-select one course (3 credit hours) | General Studies Electives | General Studies Electives Continued |
|---|--|---|
| AGB 302: International Management and Agribusiness (G) | ASL 101: American Sign Language I | LAT 101: Elementary Latin |
| ECN 306: Survey of International Economics (SB & G) | ASL 102: American Sign Language II | LAT 102: Elementary Latin |
| MGT 302: Principles of International Business (G) | ASL 201: American Sign Language III | MAT 242: Elementary Linear Algebra |
| MKT 425: Global Marketing Management (G) | ASL 202: American Sign Language IV | MAT 243: Discrete Mathematical Structures |
| SCM 463: Global Supply Chain Management (G) | BIO 320: Fundamentals of Ecology | MAT 310: Introduction to Geometry |
| | CHI 110: Intensive Chinese I | MAT 342: Linear Algebra |
| | CHI 205: Chinese Calligraphy | MAT 370: Intermediate Calculus |
| | COM 207: Introduction to Communication Inquiry | MAT 371: Advanced Calculus I |
| | COM 259: Communication in Business and the Professions | MAT 372: Advanced Calculus II |
| | COM 281: Communication Activities | MAT 410: Introduction to General Topology |
| | COM 312: Communication Conflict and Negotiation | MAT 415: Introduction to Combinatorics |
| | COM 341: Social Contexts for Performance | MAT 416: Graph Theory |
| | COM 414: Crisis Communication | MAT 442: Advanced Linear Algebra |
| | | MAT 443: Introduction to Abstract Algebra |

| | |
|---|---|
| COM 430: Leadership in Group Communication | MAT 444: Intermediate Abstract Algebra |
| COM 453: Communication Training and Development | MAT 445: Theory of Numbers |
| COM 465: Intercultural Communication Workshop | MAT 460: Vector Calculus |
| ENG 210: Introduction to Creative Writing | MAT 461: Applied Complex Analysis |
| ENG 213: Introduction to the Study of Language | MAT 462: Applied Partial Differential Equations |
| ENG 310: Intermediate Creative Writing | MAT 472: Intermediate Real Analysis I |
| ENG 314: Modern Grammar | MAT 475: Differential Equations |
| ENG 345: Selected Authors or Issues | MAT 485: History of Mathematics |
| FAS 301: Introduction to Parenting | POR 101: Elementary Portuguese I |
| GCU 433: Geography of Southeast Asia | POR 102: Elementary Portuguese II |
| GRK 101: Elementary Ancient Greek | ROM 101: Elementary Romanian |
| GRK 201: Intermediate Ancient Greek | ROM 201: Intermediate Romanian |
| HST 389: Japan Society and Values/Premod | ROM 313: Romanian Composition and Conversation |
| JPN 110: Intensive Japanese I | ROM 314: Romanian Composition and Conversation |
| IDN 101: Elementary Indonesian I | RUS 101: Elementary Russian I |
| IDN 102: Elementary Indonesian II | RUS 102: Elementary Russian II |
| JPN 206: Japanese Calligraphy | SPA 101: Elementary Spanish I |
| JPN 414: Introduction to Classical Japanese | SPA 102: Elementary Spanish II |
| KOR 101: First-Year Korean I | SPA 111: Fundamentals of Spanish |
| KOR 102: First-Year Korean II | SPA 486: Chicano/a Novel: <i>Áltima Rafa y Lala</i> |
| | UNI 110: Critical Reading and Thinking |

Business Skills Courses - No Grades of D or E

ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting

ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting

CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS)

ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB)

ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB)

ECN 221: Business Statistics (CS) or ECN
231: Honors Business Statistics (CS)

MAT 210: Brief Calculus (MA) or MAT 270:
Calculus with Analytic Geometry I (MA)

MAT 211: Mathematics for Business Analysis
or MAT 271: Calculus with Analytic
Geometry II (MA)

Total Hours: 120

Upper Division Hours: 50 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.





2020 - 2021 Major Map







Business (Information Security), BA


School/College: W. P. Carey School of Business

Location: West campus

BABUSISBA

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  WPC 101: Student Success in Business | 1 | | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement. See academic advisor for appropriate Student Success course requirement if not a first-time freshman • Join a student club or organization • Create your first college resume |
| CIS 105: Computer Applications and Information Technology (CS) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 210: Brief Calculus (MA) | 3 | C | |
| SOC course (SB) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
|  Business Skills Courses: No Grades of D or E | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31.25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions | 3 | | <ul style="list-style-type: none"> • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Join the W. P. Carey mentorship programs • Explore student leadership opportunities in W. P. Carey • Research study abroad opportunities recommended for your major |
| ECN 211: Macroeconomic Principles (SB) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 211: Mathematics for Business Analysis | 3 | C | |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
| PSY course (SB) | 3 | | |
|  Complete CIS 105 with a grade of "C" or better. | | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Complete MAT 210 with a grade of "C" or better. | | | |
|  Business Skills Courses: No Grades of D or E | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15.25 | | |

| Term 3 31.25 - 47.50 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ACC 231: Uses of Accounting Information I | 3 | C | <ul style="list-style-type: none"> • Continuing first-year students will take WPC 248, after completing WPC 148 • New transfer students will take WPC 347 • Explore career resources • Develop your professional online presence |
| ECN 212: Microeconomic Principles (SB) | 3 | C | |
| ECN 221: Business Statistics (CS) | 3 | C | |

| | | |
|---|-------|---|
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C |
| Cultural Diversity in the U.S. (C) | 3 | |
| Natural Science - Quantitative (SQ) | 4 | |
| ❖ Complete ECN 211 or ECN 212 with a grade of "C" or better. | | |
| ❖ Complete MAT 211 with a grade of "C" or better. | | |
| ❖ Business Skills Courses: No Grades of D or E | | |
| ❖ Minimum 2.00 GPA ASU Cumulative. | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 16.25 | |

- Meet with your **W. P. Carey Career Coach**
- Attend **W. P. Carey** and **ASU Career Fairs**

| Term 4 47.50 - 61.50 Credit Hours Critical course signified by ❖ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ❖ CIS 235: Introduction to Information Systems | 3 | C | <ul style="list-style-type: none"> • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Attend W. P. Carey and ASU career fairs • Apply for internships or create one |
| ACC 241: Uses of Accounting Information II | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Upper Division Elective | 1 | | |
| ❖ Complete ACC 231 with a grade of "C" or better. | | | |
| ❖ Complete ECN 221 with a grade of "C" or better. | | | |
| ❖ Business Skills Courses: No Grades of D or E | | | |
| ❖ Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 14 | | |

| Term 5 61.50 - 76.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ CIS 325: Fundamental Techniques for Business Data Analytics | 3 | C | <ul style="list-style-type: none"> • Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program. • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Meet with your W. P. Carey Career Coach • Update your resume |
| ★ CIS 360: Business Database Concepts | 3 | C | |
| ENG 302: Business Writing (L) | 3 | | |
| MKT 300: Marketing and Business Performance | 3 | C | |
| WPC 348: Junior Networking Foundations | 0.25 | C | |
| General Studies Elective | 3 | | |
| ★ Complete ACC 241 with a grade of "C" or better. | | | |
| Term hours subtotal: | 15.25 | | |

| Term 6 76.75 - 91.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ ACO 351: Governance, Risk and Compliance OR ACO 402: Privacy, Ethics and Compliance Issues or CIS 402: Privacy, Ethics and Compliance Issues | 3 | C | <ul style="list-style-type: none"> • Complete informational interviews • Complete an in person or virtual practice interview with your W. P. Carey Career Coach |
| ★ CIS 401: Managing Cyber Risks in Enterprise Business Processes | 3 | C | |
| WPC 300: Problem Solving and Actionable Analytics | 3 | C | |
| Upper Division International Business Elective AND Global Awareness (G) | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) | 3 | | |

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal: 15

| ★ Term 7 91.75 - 106.75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ ACO 330: Computer Networks | 3 | C | <ul style="list-style-type: none"> Attend W. P. Carey and ASU Career Fairs Gather professional references Update your resume Meet with your academic advisor to discuss your internship course options |
| FIN 300: Fundamentals of Finance | 3 | C | |
| SCM 300: Global Supply Operations | 3 | C | |
| Upper Division Elective OR WPC 484: Internship | 3 | | |
| General Studies Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| ★ Term 8 106.75 - 120.00 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ FOR 350: Computer Forensics | 3 | C | <ul style="list-style-type: none"> Apply for full-time career opportunities |
| WPC 448: Senior Career Transition Management | 0.25 | C | |
| MGT 300: Organization and Management Leadership | 3 | C | |
| LES 305: Business Law and Ethics for Managers | 3 | C | |
| Elective | 3 | | |
| Upper Division Elective | 1 | | |
| Term hours subtotal: | 13.25 | | |

- W. P. Carey School of Business students may not use courses with the following prefixes to satisfy General Studies course requirements: ACC, AGB, BUA, BUS, CIS, ECN, ENT, FIN, LES, MGT, MKT, QBA, REA, SCM, WPC.
 - Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.
 - ASU Language Placement:** Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned.

Hide Course List(s)/Track Group(s)

| Upper Division International Business Course-select one course (3 credit hours) | General Studies Electives | General Studies Electives Continued |
|---|--|---|
| AGB 302: International Management and Agribusiness (G) | ASL 101: American Sign Language I | LAT 101: Elementary Latin |
| ECN 306: Survey of International Economics (SB & G) | ASL 102: American Sign Language II | LAT 102: Elementary Latin |
| MGT 302: Principles of International Business (G) | ASL 201: American Sign Language III | MAT 242: Elementary Linear Algebra |
| MKT 425: Global Marketing Management (G) | ASL 202: American Sign Language IV | MAT 243: Discrete Mathematical Structures |
| SCM 463: Global Supply Chain Management (G) | BIO 320: Fundamentals of Ecology | MAT 310: Introduction to Geometry |
| | CHI 110: Intensive Chinese I | MAT 342: Linear Algebra |
| | CHI 205: Chinese Calligraphy | MAT 370: Intermediate Calculus |
| | COM 207: Introduction to Communication Inquiry | MAT 371: Advanced Calculus I |
| | | MAT 372: Advanced Calculus II |

| | |
|--|---|
| COM 259: Communication in Business and the Professions | MAT 410: Introduction to General Topology |
| COM 281: Communication Activities | MAT 415: Introduction to Combinatorics |
| COM 312: Communication Conflict and Negotiation | MAT 416: Graph Theory |
| COM 341: Social Contexts for Performance | MAT 442: Advanced Linear Algebra |
| COM 414: Crisis Communication | MAT 443: Introduction to Abstract Algebra |
| COM 430: Leadership in Group Communication | MAT 444: Intermediate Abstract Algebra |
| COM 453: Communication Training and Development | MAT 445: Theory of Numbers |
| COM 465: Intercultural Communication Workshop | MAT 460: Vector Calculus |
| ENG 210: Introduction to Creative Writing | MAT 461: Applied Complex Analysis |
| ENG 213: Introduction to the Study of Language | MAT 462: Applied Partial Differential Equations |
| ENG 310: Intermediate Creative Writing | MAT 472: Intermediate Real Analysis I |
| ENG 314: Modern Grammar | MAT 475: Differential Equations |
| ENG 345: Selected Authors or Issues | MAT 485: History of Mathematics |
| FAS 301: Introduction to Parenting | POR 101: Elementary Portuguese I |
| GCU 433: Geography of Southeast Asia | POR 102: Elementary Portuguese II |
| GRK 101: Elementary Ancient Greek | ROM 101: Elementary Romanian |
| GRK 201: Intermediate Ancient Greek | ROM 201: Intermediate Romanian |
| HST 389: Japan Society and Values/Premod | ROM 313: Romanian Composition and Conversation |
| JPN 110: Intensive Japanese I | ROM 314: Romanian Composition and Conversation |
| IDN 101: Elementary Indonesian I | RUS 101: Elementary Russian I |
| IDN 102: Elementary Indonesian II | RUS 102: Elementary Russian II |
| JPN 206: Japanese Calligraphy | SPA 101: Elementary Spanish I |
| JPN 414: Introduction to Classical Japanese | SPA 102: Elementary Spanish II |
| KOR 101: First-Year Korean I | SPA 111: Fundamentals of Spanish |
| KOR 102: First-Year Korean II | SPA 486: Chicano/a Novel: <i>Áltima Rafa y Lala</i> |
| | UNI 110: Critical Reading and Thinking |

Business Skills Courses - No Grades of D or E

ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting

ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting

CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS)

ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB)

ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB)

ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS)

MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA)

MAT 211: Mathematics for Business Analysis or MAT 271: Calculus with Analytic Geometry II (MA)

Total Hours: 120

Upper Division Hours: 50 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.





2020 - 2021 Major Map







Business (Language and Culture), BA


School/College: [W. P. Carey School of Business](#)

Location: [Tempe campus](#), [West campus](#)

BABSLACUBA

| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  WPC 101: Student Success in Business | 1 | | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement • ASU Language Placement: Only true beginners are eligible for 101-level language courses. Students with previous experience in the language are required to take a language placement exam • Dependent upon your language proficiency, some language tracks may require more than 120 credit hours to complete this degree. • Students choose one track option: Chinese, French, Italian, or Spanish. View track groups below for course options. |
| CIS 105: Computer Applications and Information Technology (CS) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 210: Brief Calculus (MA) | 3 | C | |
| Language and Culture Track Course | 4-8 | C | |
|  Business Skills Courses: No Grades of D or E | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 14-18 | | |

| Term 2 14 - 27.25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------------|---------------|--|
| ECN 211: Macroeconomic Principles (SB) | 3 | C | <ul style="list-style-type: none"> • Join the W. P. Carey mentorship programs • Explore student leadership opportunities in W. P. Carey • Research study abroad opportunities recommended for your major • Students choose one track option: Chinese, French, Italian, or Spanish. View track groups below for course options. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 211: Mathematics for Business Analysis | 3 | C | |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
| Language and Culture Track Course | 4-8 | C | |
|  Complete CIS 105 with a grade of "C" or better. | | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Complete MAT 210 with a grade of "C" or better. | | | |
|  Business Skills Courses: No Grades of D or E | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 13.25-17.25 | | |

| Term 3 27.25 - 42.50 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ACC 231: Uses of Accounting Information I | 3 | C | <ul style="list-style-type: none"> • Continuing first-year students will take WPC 248, after completing WPC 148 • New transfer students will take WPC 347 • Explore career resources |
| ECN 212: Microeconomic Principles (SB) | 3 | C | |
| ECN 221: Business Statistics (CS) | 3 | C | |

| | | |
|---|------|---|
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C |
| Language and Culture Track Course | 3-5 | C |
| Humanities, Arts and Design (HU) | 3 | |
| ❖ Complete ECN 211 or ECN 212 with a grade of "C" or better. | | |
| ❖ Complete MAT 211 with a grade of "C" or better. | | |
| ❖ Business Skills Courses: No Grades of D or E | | |
| ❖ Minimum 2.00 GPA ASU Cumulative. | | |
| Complete Mathematics (MA) requirement. | | |

Term hours subtotal: 15.25-17.25

- Develop your professional online presence
- Meet with your W. P. Carey Career Coach
- Attend W. P. Carey and ASU Career Fairs

| Term 4 42.50 - 58.50 Credit Hours Critical course signified by ❖ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ACC 241: Uses of Accounting Information II | 3 | C | |
| COM 263: Elements of Intercultural Communication (SB & C & G) | 3 | | |
| Language and Culture Track Course | 3-5 | C | |
| Historical Awareness (H) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| ❖ Complete ACC 231 with a grade of "C" or better. | | | |
| ❖ Complete ECN 221 with a grade of "C" or better. | | | |
| ❖ Business Skills Courses: No Grades of D or E | | | |
| ❖ Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16-18 | | |

- Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options.
- Attend W. P. Carey and ASU career fairs
- Apply for internships or create one

| Term 5 58.50 - 74.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ Upper Division Language and Culture Track Course | 3 | C | |
| WPC 348: Junior Networking Foundations | 0.25 | C | |
| ENG 302: Business Writing (L) | 3 | C | |
| FIN 300: Fundamentals of Finance | 3 | C | |
| MGT 300: Organization and Management Leadership | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| ★ Complete ACC 241 with a grade of "C" or better. | | | |
| Term hours subtotal: | 16.25 | | |

- Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.
- Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options.
- Meet with your W. P. Carey Career Coach
- Update your resume

| Term 6 74.75 - 89.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ Upper Division Language and Culture Track Course | 3 | C | |
| MKT 300: Marketing and Business Performance | 3 | C | |
| SCM 300: Global Supply Operations | 3 | C | |
| Upper Division Language and Culture Track Course AND Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Humanities, Arts and Design (HU) | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

- Complete informational interviews
- Complete an in person or virtual practice interview with your W. P. Carey Career Coach

| Term 7 89.75 - 104.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ Complete 2 courses: Upper Division Language and Culture Track Course | 6 | C | <ul style="list-style-type: none"> Attend W. P. Carey and ASU Career Fairs Gather professional references Update your resume |
| MGT 302: Principles of International Business (G) OR ECN 306: Survey of International Economics (SB & G) | 3 | C | |
| WPC 300: Problem Solving and Actionable Analytics | 3 | C | |
| Elective OR WPC 484: Internship | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 104.75 - 120.00 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ Upper Division Language and Culture Track Course | 3 | C | <ul style="list-style-type: none"> Apply for full-time career opportunities Meet with your academic advisor to discuss your internship course options |
| WPC 448: Senior Career Transition Management | 0.25 | C | |
| LES 305: Business Law and Ethics for Managers | 3 | C | |
| MGT 459: International Management (G) | 3 | C | |
| Upper Division International Business Elective AND Global Awareness (G) | 3 | C | |
| Elective OR WPC 484: Internship | 3 | | |
| Term hours subtotal: | 15.25 | | |

- Students choose one track option: Chinese, French, Italian, or Spanish. View track groups below for course options.
 - The Spanish track is available on the Tempe and West campuses.
 - The Chinese, French, and Italian tracks are only available at the Tempe campus.
 - Dependent upon your language proficiency, some language tracks may require more than 120 credit hours to complete this degree.

Hide Course List(s)/Track Group(s)

| Upper Division International Business Elective - select one course (3 credit hours) | Language and Culture - Chinese Track | Language and Culture - French Track |
|---|--|---|
| AGB 302: International Management and Agribusiness (G) | CHI 120: Introduction to Chinese Culture (L or HU) | FRE 201: Intermediate French I (G) or FRE 110: Intensive French I (G) |
| ECN 306: Survey of International Economics (SB & G) | CHI 201: Second-Year Chinese I (G) or CHI 110: Intensive Chinese I | FRE 202: Intermediate French II (G) or FRE 210: Intensive French II (G) |
| ECN 335: South Asia and the World Economy (SB & G) | CHI 202: Second-Year Chinese II (G) or CHI 210: Intensive Chinese II | FRE 305: Readings in French Literature (G) |
| ECN 360: Economic Development (SB & G) | CHI 301: Third-Year Chinese I (G) | FRE 311: Oral and Written Expression I (G) |
| ECN 436: International Trade Theory (SB & G) | CHI 302: Third-Year Chinese II (G) | FRE 312: Oral and Written Expression II (G) |
| ECN 438: International Monetary Economics (SB & G) | CHI 333: China (SB & H) or CHI 336: Interpreting China's Classics ((L or HU) & H) or CHI 343: Daoism ((L or HU) & G & H) | FRE 319: Business French (G) |
| MGT 302: Principles of International Business (G) | CHI 338: The Daoist Bible: The Daode jing (L or HU) or CHI 451: Chinese Cultural History I ((HU or SB) & H) | FRE 321: French Cultural Masterpieces I ((L or HU) & H) |
| | CHI 401: Fourth-Year Chinese I (G) | FRE 411: Advanced Spoken French (G) |
| | | FRE 412: Advanced Written French (G) |
| | | FRE 416: French Civilization II (HU & G) |

| | | |
|--|---|---|
| MGT 400: Cross-Cultural Management (C & G) | CHI 402: Fourth-Year Chinese II (G) | |
| MKT 425: Global Marketing Management (G) | CHI 407: Chinese for Academic and Professional Purposes I (G) | |
| SCM 463: Global Supply Chain Management (G) | | |
| Language and Culture - Italian Track | Language and Culture - Spanish Track | Business Skills Courses - No Grades of D or E |
| ITA 201: Intermediate Italian I (G) or ITA 110: Intensive Italian I (G) | SPA 201: Intermediate Spanish (G) or SPA 203: Intermediate Spanish I for Bilinguals (G) or SPA 110: Intensive Spanish I (G) | ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting |
| ITA 202: Intermediate Italian II (G) or ITA 210: Intensive Italian II (G) | SPA 202: Intermediate Spanish (G) or SPA 204: Intermediate Spanish II for Bilinguals (G) or SPA 210: Intensive Spanish II (G) | ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting |
| ITA 311: Speak Italy: Language People Culture (G) | SPA 313: Spanish Conversation and Composition (G) or SPA 315: Advanced Spanish I for Bilinguals (C) | CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS) |
| ITA 312: Write Italy: Language People Culture (L & G) | SPA 314: Spanish Conversation and Composition (G) or SPA 316: Advanced Spanish II for Bilinguals (L & C) | ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB) |
| ITA 315: Italian Culture: The Good The Bad and The Ugly (HU & G) | SPA 319: Business Correspondence and Communication (G) | ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB) |
| ITA 319: Italian for Professions | SPA 325: Introduction to Hispanic Literature (HU) | ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS) |
| ITA 321: Italian Renaissance Culture: Politicians Merchants Artists and Courtesans (H) | SPA 402: Written Communication for the Professions or SPA 405: Latino Cultural Perspectives for the Professions ((L or HU) & C & G) | MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA) |
| ITA 322: Modern Italian Culture: Explorers Scientists Musicians and Revolutionaries (HU) | SPA 412: Advanced Conversation and Composition (G) | MAT 211: Mathematics for Business Analysis or MAT 271: Calculus with Analytic Geometry II (MA) |
| ITA 413: Advanced Italian (G) | SPA 4** Elective (SPA 472 recommended) | |
| ITA 414: French and Italian Popular Culture ((L or HU) & G) or ITA 420: Italian Cinema (L & G) | SPA course (L) Upper Division | |

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.





2020 - 2021 Major Map







Business (Law), BA


School/College: W. P. Carey School of Business

Location: Tempe campus

BABUSLBA

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  WPC 101: Student Success in Business | 1 | | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement • Join a student club or organization • Create your first college resume |
| CIS 105: Computer Applications and Information Technology (CS) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 210: Brief Calculus (MA) | 3 | C | |
| SOC course (SB) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
|  Business Skills Courses: No Grades of D or E | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31.25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions | 3 | | <ul style="list-style-type: none"> • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Join the W. P. Carey mentorship programs • Explore student leadership opportunities in W. P. Carey • Research study abroad opportunities recommended for your major |
| ECN 211: Macroeconomic Principles (SB) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 211: Mathematics for Business Analysis | 3 | C | |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
| PSY course (SB) | 3 | | |
|  Complete CIS 105 with a grade of "C" or better. | | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Complete MAT 210 with a grade of "C" or better. | | | |
|  Business Skills Courses: No Grades of D or E | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15.25 | | |

| Term 3 31.25 - 47.50 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ACC 231: Uses of Accounting Information I | 3 | C | <ul style="list-style-type: none"> • Continuing first-year students will take WPC 248, after completing WPC 148 • New transfer students will take WPC 347 • Explore career resources • Develop your professional online presence |
| ECN 212: Microeconomic Principles (SB) | 3 | C | |
| ECN 221: Business Statistics (CS) | 3 | C | |

| | | |
|---|-------|---|
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C |
| General Studies Elective | 3 | |
| Natural Science - Quantitative (SQ) | 4 | |
| ❖ Complete ECN 211 or ECN 212 with a grade of "C" or better. | | |
| ❖ Complete MAT 211 with a grade of "C" or better. | | |
| ❖ Business Skills Courses: No Grades of D or E | | |
| ❖ Minimum 2.00 GPA ASU Cumulative. | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 16.25 | |

- Meet with your **W. P. Carey Career Coach**
- Attend **W. P. Carey** and **ASU Career Fairs**

| Term 4 47.50 - 61.50 Credit Hours Critical course signified by ❖ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ❖ LAW 210: Introduction to American Legal System and Business Law | 3 | C | <ul style="list-style-type: none"> • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Attend W. P. Carey and ASU career fairs • Apply for internships or create one |
| ACC 241: Uses of Accounting Information II | 3 | C | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Upper Division Elective | 1 | | |
| ❖ Complete ACC 231 with a grade of "C" or better. | | | |
| ❖ Complete ECN 221 with a grade of "C" or better. | | | |
| ❖ Business Skills Courses: No Grades of D or E | | | |
| ❖ Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 14 | | |

| Term 5 61.50 - 76.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ Law Concentration Elective | 3 | C | <ul style="list-style-type: none"> • LAW 394/494 Special Topic courses will be available every semester as LAW concentration elective options. See class search for the topics available. • Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program. • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Meet with your W. P. Carey Career Coach • Update your resume |
| ENG 302: Business Writing (L) | 3 | | |
| LES 305: Business Law and Ethics for Managers | 3 | C | |
| SCM 300: Global Supply Operations | 3 | C | |
| WPC 348: Junior Networking Foundations | 0.25 | C | |
| General Studies Elective | 3 | | |
| ★ Complete ACC 241 with a grade of "C" or better. | | | |
| Term hours subtotal: | 15.25 | | |

| Term 6 76.75 - 92.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ Upper Division Law Concentration Elective | 3 | C | <ul style="list-style-type: none"> • LAW 394/494 Special Topic courses will be available every semester as LAW concentration elective options. See class search for the topics available. • Complete informational interviews |
| MKT 300: Marketing and Business Performance | 3 | C | |
| WPC 300: Problem Solving and Actionable Analytics | 3 | C | |
| Upper Division International Business Course AND Global Awareness (G) | 3 | C | |
| Term hours subtotal: | 12 | | |

| | |
|--|----|
| Upper Division General Studies Elective | 3 |
| Upper Division Elective | 1 |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | |
| Term hours subtotal: | 16 |

- Meet with your academic advisor to discuss your internship course options

| ★ Term 7 92.75 - 107.75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ Complete 2 courses: | | | |
| Upper Division Law Concentration Elective | 6 | C | <ul style="list-style-type: none"> • LAW 394/494 Special Topic courses will be available every semester as LAW concentration elective options. See class search for the topics available. • Attend W. P. Carey and ASU Career Fairs • Gather professional references • Update your resume |
| MGT 300: Organization and Management Leadership | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) | 3 | | |
| Upper Division Elective OR WPC 484: Internship | 3 | | |
| Term hours subtotal: | 15 | | |

| ★ Term 8 107.75 - 120.00 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ LAW 480: The Law of Business Organizations | 3 | C | <ul style="list-style-type: none"> • Apply for full-time career opportunities • Meet with your academic advisor to discuss your internship course options |
| FIN 300: Fundamentals of Finance | 3 | C | |
| WPC 448: Senior Career Transition Management | 0.25 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective OR WPC 484: Internship | 3 | | |
| Term hours subtotal: | 12.25 | | |

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.

Hide Course List(s)/Track Group(s)

| Law Concentration Electives - select four courses (12 credit hours) | Upper Division International Business Course - select one course (3 credit hours) | General Studies Electives |
|---|---|--|
| AGB 414: Food and Agribusiness Policy Issues (L) | AGB 302: International Management and Agribusiness (G) | ASL 101: American Sign Language I |
| COM 222: Argumentation (L) | ECN 306: Survey of International Economics (SB & G) | ASL 102: American Sign Language II |
| COM 326: Court Room Oratory | MGT 302: Principles of International Business (G) | ASL 201: American Sign Language III |
| ENG 216: Persuasive Writing on Public Issues (L) | MKT 425: Global Marketing Management (G) | ASL 202: American Sign Language IV |
| ENG 472: Rhetorical Studies (L) | SCM 463: Global Supply Chain Management (G) | BIO 320: Fundamentals of Ecology |
| HST 322: Constitutional History of the United States Since 1865 (H) | | CHI 110: Intensive Chinese I |
| LAW 394: Special Topics | | CHI 205: Chinese Calligraphy |
| LAW 494: Special Topics | | COM 207: Introduction to Communication Inquiry |
| LES 380: Consumer Perspective of Business Law | | COM 259: Communication in Business and the Professions |
| | | COM 281: Communication Activities |

| |
|--|
| MGT 420: Human Resource Management |
| MGT 424: Employment Law |
| MGT 430: Negotiations |
| PHI 103: Principles of Sound Reasoning (L or HU) |
| PHI 307: Philosophy of Law (HU) |
| POS 325: Public Policy Development (SB) |
| POS 465: International Organization and Law (SB & G) |
| POS 471: Constitutional Law I (SB) |
| POS 472: Constitutional Law II (SB) |
| POS 484: Internship |
| REA 411: Real Estate Law |
| TWC 451: Copyright and Intellectual Property in the Electronic Age |

| |
|---|
| COM 312: Communication Conflict and Negotiation |
| COM 341: Social Contexts for Performance |
| COM 414: Crisis Communication |
| COM 430: Leadership in Group Communication |
| COM 453: Communication Training and Development |
| COM 465: Intercultural Communication Workshop |
| ENG 210: Introduction to Creative Writing |
| ENG 213: Introduction to the Study of Language |
| ENG 310: Intermediate Creative Writing |
| ENG 314: Modern Grammar |
| ENG 345: Selected Authors or Issues |
| FAS 301: Introduction to Parenting |
| GCU 433: Geography of Southeast Asia |
| GRK 101: Elementary Ancient Greek |
| GRK 201: Intermediate Ancient Greek |
| HST 389: Japan Society and Values/Premod |
| JPN 110: Intensive Japanese I |
| IDN 101: Elementary Indonesian I |
| IDN 102: Elementary Indonesian II |
| JPN 206: Japanese Calligraphy |
| JPN 414: Introduction to Classical Japanese |
| KOR 101: First-Year Korean I |
| KOR 102: First-Year Korean II |

| General Studies Electives Continued |
|---|
| LAT 101: Elementary Latin |
| LAT 102: Elementary Latin |
| MAT 242: Elementary Linear Algebra |
| MAT 243: Discrete Mathematical Structures |
| MAT 310: Introduction to Geometry |
| MAT 342: Linear Algebra |
| MAT 370: Intermediate Calculus |
| MAT 371: Advanced Calculus I |

| Business Skills Courses - No Grades of D or E |
|---|
| ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting |
| ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting |
| CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS) |

| | |
|--|--|
| MAT 372: Advanced Calculus II | ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB) |
| MAT 410: Introduction to General Topology | |
| MAT 415: Introduction to Combinatorics | ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB) |
| MAT 416: Graph Theory | |
| MAT 442: Advanced Linear Algebra | ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS) |
| MAT 443: Introduction to Abstract Algebra | MAT 210: Brief Calculus (MA) or MAT 271: Calculus with Analytic Geometry II (MA) |
| MAT 444: Intermediate Abstract Algebra | |
| MAT 445: Theory of Numbers | MAT 211: Mathematics for Business Analysis or MAT 271: Calculus with Analytic Geometry II (MA) |
| MAT 460: Vector Calculus | |
| MAT 461: Applied Complex Analysis | |
| MAT 462: Applied Partial Differential Equations | |
| MAT 472: Intermediate Real Analysis I | |
| MAT 475: Differential Equations | |
| MAT 485: History of Mathematics | |
| POR 101: Elementary Portuguese I | |
| POR 102: Elementary Portuguese II | |
| ROM 101: Elementary Romanian | |
| ROM 201: Intermediate Romanian | |
| ROM 313: Romanian Composition and Conversation | |
| ROM 314: Romanian Composition and Conversation | |
| RUS 101: Elementary Russian I | |
| RUS 102: Elementary Russian II | |
| SPA 101: Elementary Spanish I | |
| SPA 102: Elementary Spanish II | |
| SPA 111: Fundamentals of Spanish | |
| SPA 486: Chicano/a Novel: <i>Áltima Raza</i> y Lala | |
| UNI 110: Critical Reading and Thinking | |

Total Hours: 120

Upper Division Hours: 50 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)

Total Community College Hrs: 64 maximum

- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.





2020 - 2021 Major Map







Business (Public Service and Public Policy), BA


School/College: [W. P. Carey School of Business](#)

Location: [Tempe campus](#)

BABUSPBA

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  WPC 101: Student Success in Business | 1 | | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement • Join a student club or organization • Create your first college resume |
| CIS 105: Computer Applications and Information Technology (CS) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 210: Brief Calculus (MA) | 3 | C | |
| SOC course (SB) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
|  Business Skills Courses: No Grades of D or E | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31.25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions | 3 | | <ul style="list-style-type: none"> • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Join the W. P. Carey mentorship programs • Explore student leadership opportunities in W. P. Carey • Research study abroad opportunities recommended for your major |
| ECN 211: Macroeconomic Principles (SB) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 211: Mathematics for Business Analysis | 3 | C | |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
| PSY course (SB) | 3 | | |
|  Complete CIS 105 with a grade of "C" or better. | | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Complete MAT 210 with a grade of "C" or better. | | | |
|  Business Skills Courses: No Grades of D or E | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15.25 | | |

| Term 3 31.25 - 47.50 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ACC 231: Uses of Accounting Information I | 3 | C | <ul style="list-style-type: none"> • Continuing first-year students will take WPC 248, after completing WPC 148 • New transfer students will take WPC 347 • Explore career resources • Develop your professional online presence |
| ECN 212: Microeconomic Principles (SB) | 3 | C | |
| ECN 221: Business Statistics (CS) | 3 | C | |

| | | |
|---|-------|---|
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C |
| General Studies Elective | 3 | |
| Natural Science - Quantitative (SQ) | 4 | |
| ❗ Complete ECN 211 or ECN 212 with a grade of "C" or better. | | |
| ❗ Complete MAT 211 with a grade of "C" or better. | | |
| ❗ Business Skills Courses: No Grades of D or E | | |
| ❗ Minimum 2.00 GPA ASU Cumulative. | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 16.25 | |

- Meet with your **W. P. Carey Career Coach**
- Attend **W. P. Carey** and **ASU Career Fairs**

| Term 4 47.50 - 61.50 Credit Hours Critical course signified by ❗ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ❗ PAF 200: Public Service and Policy in the 21st Century | 3 | C | <ul style="list-style-type: none"> • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Attend W. P. Carey and ASU career fairs • Apply for internships or create one |
| ACC 241: Uses of Accounting Information II | 3 | C | |
| General Studies Elective | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Upper Division Elective | 1 | | |
| ❗ Complete ACC 231 with a grade of "C" or better. | | | |
| ❗ Complete ECN 221 with a grade of "C" or better. | | | |
| ❗ Business Skills Courses: No Grades of D or E | | | |
| ❗ Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 14 | | |

| Term 5 61.50 - 77.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ PAF 300: Public Management and Administration | 3 | C | <ul style="list-style-type: none"> • Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program. • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Meet with your W. P. Carey Career Coach • Update your resume • Meet with your academic advisor to discuss your internship course options |
| ENG 302: Business Writing (L) | 3 | | |
| MKT 300: Marketing and Business Performance | 3 | C | |
| SCM 300: Global Supply Operations | 3 | C | |
| WPC 348: Junior Networking Foundations | 0.25 | C | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Upper Division Elective | 1 | | |
| ★ Complete ACC 241 with a grade of "C" or better. | | | |
| Term hours subtotal: | 16.25 | | |

| Term 6 77.75 - 92.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ PAF 340: Contemporary Policy Challenges | 3 | C | <ul style="list-style-type: none"> • Complete informational interviews • Complete an in person or virtual practice interview with your W. P. Carey Career Coach |
| FIN 300: Fundamentals of Finance | 3 | C | |
| Upper Division International Business Course AND Global Awareness (G) | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective OR PAF 484: Internship OR WPC 484: Internship | 3 | | |
| Term hours subtotal: | 16.25 | | |

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal: 15

| ★ Term 7 92.75 - 107.75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ PAF 311: Leadership and Change (SB) | 3 | C | <ul style="list-style-type: none"> Attend W. P. Carey and ASU Career Fairs Gather professional references Update your resume Meet with your academic advisor to discuss your internship course options |
| WPC 300: Problem Solving and Actionable Analytics | 3 | C | |
| Upper Division PSPP Concentration Course | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Upper Division Elective OR PAF 484: Internship OR WPC 484: Internship | 3 | | |
| Term hours subtotal: | 15 | | |

| ★ Term 8 107.75 - 120.00 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ Upper Division PSPP Concentration Course | 3 | C | <ul style="list-style-type: none"> Apply for full-time career opportunities Meet with your academic advisor to discuss your internship course options |
| LES 305: Business Law and Ethics for Managers | 3 | C | |
| MGT 300: Organization and Management Leadership | 3 | C | |
| WPC 448: Senior Career Transition Management | 0.25 | C | |
| Upper Division Elective OR PAF 484: Internship OR WPC 484: Internship | 3 | | |
| Term hours subtotal: | 12.25 | | |

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.

Hide Course List(s)/Track Group(s)

| PSPP Concentration Courses - select two courses (6 credit hours) | Upper Division International Business Course - select one course (3 credit hours) | General Studies Electives |
|--|---|--|
| CEL 394: Liberalism and Conservatism in America | AGB 302: International Management and Agribusiness (G) | ASL 101: American Sign Language I |
| CEL 494: Adam Smith and Classical Political Economy | ECN 306: Survey of International Economics (SB & G) | ASL 102: American Sign Language II |
| PAF 302: Public Service Research Methods | MGT 302: Principles of International Business (G) | ASL 201: American Sign Language III |
| PAF 410: Building Leadership Skills (SB) | MKT 425: Global Marketing Management (G) | ASL 202: American Sign Language IV |
| PAF 460: Public Service Ethics | SCM 463: Global Supply Chain Management (G) | BIO 320: Fundamentals of Ecology |
| PAF 470: Topics in Public Economics and Financial Management | | CHI 110: Intensive Chinese I |
| PAF 471: Public Policy Analysis | | CHI 205: Chinese Calligraphy |
| | | COM 207: Introduction to Communication Inquiry |
| | | COM 259: Communication in Business and the Professions |
| | | COM 281: Communication Activities |

COM 312: Communication Conflict and Negotiation

COM 341: Social Contexts for Performance

COM 414: Crisis Communication

COM 430: Leadership in Group Communication

COM 453: Communication Training and Development

COM 465: Intercultural Communication Workshop

ENG 210: Introduction to Creative Writing

ENG 213: Introduction to the Study of Language

ENG 310: Intermediate Creative Writing

ENG 314: Modern Grammar

ENG 345: Selected Authors or Issues

FAS 301: Introduction to Parenting

GCU 433: Geography of Southeast Asia

GRK 101: Elementary Ancient Greek

GRK 201: Intermediate Ancient Greek

HST 389: Japan Society and Values/Premod

JPN 110: Intensive Japanese I

IDN 101: Elementary Indonesian I

IDN 102: Elementary Indonesian II

JPN 206: Japanese Calligraphy

JPN 414: Introduction to Classical Japanese

KOR 101: First-Year Korean I

KOR 102: First-Year Korean II

General Studies Electives Continued

LAT 101: Elementary Latin

LAT 102: Elementary Latin

MAT 242: Elementary Linear Algebra

MAT 243: Discrete Mathematical Structures

MAT 310: Introduction to Geometry

MAT 342: Linear Algebra

MAT 370: Intermediate Calculus

MAT 371: Advanced Calculus I

Business Skills Courses - No Grades of D or E

ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting

ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting

CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS)

| | |
|--|--|
| MAT 372: Advanced Calculus II | ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB) |
| MAT 410: Introduction to General Topology | |
| MAT 415: Introduction to Combinatorics | ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB) |
| MAT 416: Graph Theory | |
| MAT 442: Advanced Linear Algebra | ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS) |
| MAT 443: Introduction to Abstract Algebra | MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA) |
| MAT 444: Intermediate Abstract Algebra | |
| MAT 445: Theory of Numbers | MAT 211: Mathematics for Business Analysis or MAT 271: Calculus with Analytic Geometry II (MA) |
| MAT 460: Vector Calculus | |
| MAT 461: Applied Complex Analysis | |
| MAT 462: Applied Partial Differential Equations | |
| MAT 472: Intermediate Real Analysis I | |
| MAT 475: Differential Equations | |
| MAT 485: History of Mathematics | |
| POR 101: Elementary Portuguese I | |
| POR 102: Elementary Portuguese II | |
| ROM 101: Elementary Romanian | |
| ROM 201: Intermediate Romanian | |
| ROM 313: Romanian Composition and Conversation | |
| ROM 314: Romanian Composition and Conversation | |
| RUS 101: Elementary Russian I | |
| RUS 102: Elementary Russian II | |
| SPA 101: Elementary Spanish I | |
| SPA 102: Elementary Spanish II | |
| SPA 111: Fundamentals of Spanish | |
| SPA 486: Chicano/a Novel: <i>Áltima Raza</i> y Lala | |
| UNI 110: Critical Reading and Thinking | |

Total Hours: 120

Upper Division Hours: 50 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)

Total Community College Hrs: 64 maximum

- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map





Business (Retail Management), BA

School/College: [W. P. Carey School of Business](#)





Location: [Online](#)


BABUSRBA

| Term 1 - A 0 - 7 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  CIS 105: Computer Applications and Information Technology (CS) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses • ASU 101 or College specific equivalent First Year Seminar required of all first-year students. W. P. Carey students take WPC 101 to fulfill this requirement • Create your first college resume |
|  WPC 101: Student Success in Business | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  MAT 210: Brief Calculus (MA) | 3 | C | <ul style="list-style-type: none"> • View ASU Online first-year student registration information here • Mathematics Placement Assessment score determines placement in mathematics course • Join a student club or organization |
| SOC course (SB) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
|  Business Skills Courses: No Grades of D or E | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 9 | | |






| Term 2 - A 16 - 22.25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  MAT 211: Mathematics for Business Analysis | 3 | C | <ul style="list-style-type: none"> • Join the W. P. Carey mentorship programs • Research study abroad opportunities recommended for your major |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
| Term hours subtotal: | 6.25 | | |



| Term 2 - B 22.25 - 31.25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions | 3 | | |
| ECN 211: Macroeconomic Principles (SB) | 3 | C | |
| PSY course (SB) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Business Skills Courses: No Grades of D or E | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 9 | | |




| Term 3 - A 31.25 - 40.25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  ACC 231: Uses of Accounting Information I | 3 | C | |




| | | |
|--|---|---|
| ECN 212: Microeconomic Principles (SB) | 3 | C |
| General Studies Elective | 3 | |
| Term hours subtotal: | 9 | |



- Explore [career resources](#).
- Meet with your [W. P. Carey Career Coach](#)
- Attend [W. P. Carey and ASU Career Fairs](#)

| Term 3 - B 40.25 - 46.50 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  ACC 241: Uses of Accounting Information II | 3 | C | <ul style="list-style-type: none"> • Continuing first-year students will take WPC 248, after completing WPC 148 • New transfer students will take WPC 347 • Develop your professional online presence |
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C | |
| Cultural Diversity in the U.S. (C) | 3 | | |
|  Complete ECN 211 AND ECN 212. | | | |
|  Business Skills Courses: No Grades of D or E | | | |
|  Minimum 2.00 GPA ASU Cumulative. Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 6.25 | | |

| Term 4 - A 46.50 - 53.50 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  ECN 221: Business Statistics (CS) | 3 | C | <ul style="list-style-type: none"> • Attend W. P. Carey and ASU career fairs • Apply for internships or create one |
| Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 4 - B 53.50 - 59.50 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| Literacy and Critical Inquiry (L) | 3 | | |
| General Studies Elective | 3 | | |
|  Business Skills Courses: No Grades of D or E | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 6 | | |

| Term 5 - A 59.50 - 65.75 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  MKT 300: Marketing and Business Performance | 3 | C | <ul style="list-style-type: none"> • Meet with your W. P. Carey Career Coach • Update your resume |
|  SCM 300: Global Supply Operations | 3 | C | |
| WPC 348: Junior Networking Foundations | 0.25 | C | |
| Term hours subtotal: | 6.25 | | |

| Term 5 - B 65.75 - 74.75 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  MGT 300: Organization and Management Leadership | 3 | C | <ul style="list-style-type: none"> • Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program. |
| ENG 302: Business Writing (L) | 3 | | |
| WPC 300: Problem Solving and Actionable Analytics | 3 | C | |
| Term hours subtotal: | 9 | | |

| Term 6 - A 74.75 - 81.75 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  SCM 440: Quality Management/Measurement | 3 | C | <ul style="list-style-type: none"> • Complete informational interviews |

Natural Science - Quantitative (SQ) OR Natural Science - General (SG) 4

Term hours subtotal: 7

| Term 6 - B 81.75 - 90.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|--------------|----------------------|---|
| ★ FIN 300: Fundamentals of Finance | 3 | C | <ul style="list-style-type: none"> Complete an in person or virtual practice interview with your W. P. Carey Career Coach |
| ★ LES 305: Business Law and Ethics for Managers | 3 | C | |
| Upper Division International Business Course AND Global Awareness (G) | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | | 9 | |

| Term 7 - A 90.75 - 96.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|--------------|----------------------|---|
| ★ SCM 385: Business and Sustainability I | 3 | C | <ul style="list-style-type: none"> Attend W. P. Carey and ASU Career Fairs |
| General Studies Elective | 3 | | |
| Term hours subtotal: | | 6 | |

| Term 7 - B 96.75 - 105.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|--------------|----------------------|--|
| ★ MGT 411: Leading Organizations | 3 | C | <ul style="list-style-type: none"> Gather professional references Update your resume |
| Upper Division Humanities, Arts and Design (HU) | 3 | | |
| Upper Division Elective OR WPC 484: Internship | 3 | | |
| Term hours subtotal: | | 9 | |

| Term 8 - A 105.75 - 114.00 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|--------------|----------------------|---|
| ★ AGB 445: Food Retailing | 3 | C | <ul style="list-style-type: none"> Apply for full-time career opportunities |
| MKT 396: Essentials of Services Marketing | 3 | C | |
| WPC 448: Senior Career Transition Management | 0.25 | C | |
| Upper Division Elective | 2 | | |
| Term hours subtotal: | | 8.25 | |

| Term 8 - B 114.00 - 120.00 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|--------------|----------------------|--------------|
| ★ MKT 420: Retail Management | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | | 6 | |

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.

Hide Course List(s)/Track Group(s)

General Studies Electives

Academic Catalog Archive 2020-2021

Business Skills Courses - No Grades of D or E

2211

| | | |
|---|---|--|
| Upper Division International Business Course- select one course (3 credit hours) | BIO 320: Fundamentals of Ecology | ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting |
| AGB 302: International Management and Agribusiness (G) | COM 207: Introduction to Communication Inquiry | |
| ECN 306: Survey of International Economics (SB & G) | COM 259: Communication in Business and the Professions | ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting |
| MGT 302: Principles of International Business (G) | COM 312: Communication Conflict and Negotiation | CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS) |
| MKT 425: Global Marketing Management (G) | COM 414: Crisis Communication | |
| SCM 463: Global Supply Chain Management (G) | COM 430: Leadership in Group Communication | ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB) |
| | COM 453: Communication Training and Development | ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB) |
| | ENG 210: Introduction to Creative Writing | ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS) |
| | ENG 310: Intermediate Creative Writing | |
| | ENG 345: Selected Authors or Issues | |
| | FAS 301: Introduction to Parenting | MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA) |
| | MAT 242: Elementary Linear Algebra | |
| | MAT 243: Discrete Mathematical Structures | MAT 211: Mathematics for Business Analysis or MAT 271: Calculus with Analytic Geometry II (MA) |
| | POR 101: Elementary Portuguese I | |
| | ROM 101: Elementary Romanian | |
| | SPA 101: Elementary Spanish I | |
| | SPA 102: Elementary Spanish II | |

Total Hours: 120

Upper Division Hours: 50 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.





2020 - 2021 Major Map







Business (Sports Business), BA


School/College: W. P. Carey School of Business

Location: Polytechnic campus, Tempe campus

BABUSMSBA

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  WPC 101: Student Success in Business | 1 | | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement • Join a student club or organization • Create your first college resume |
| CIS 105: Computer Applications and Information Technology (CS) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 210: Brief Calculus (MA) | 3 | C | |
| SOC course (SB) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
|  Business Skills Courses: No Grades of D or E | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31.25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions | 3 | | <ul style="list-style-type: none"> • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Join the W. P. Carey mentorship programs • Explore student leadership opportunities in W. P. Carey • Research study abroad opportunities recommended for your major |
| ECN 211: Macroeconomic Principles (SB) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 211: Mathematics for Business Analysis | 3 | C | |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
| PSY course (SB) | 3 | | |
|  Complete CIS 105 with a grade of "C" or better. | | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Complete MAT 210 with a grade of "C" or better. | | | |
|  Business Skills Courses: No Grades of D or E | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15.25 | | |

| Term 3 31.25 - 47.50 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ACC 231: Uses of Accounting Information I | 3 | C | <ul style="list-style-type: none"> • Continuing first-year students will take WPC 248, after completing WPC 148 • New transfer students will take WPC 347 • Explore career resources • Develop your professional online presence |
| ECN 212: Microeconomic Principles (SB) | 3 | C | |
| ECN 221: Business Statistics (CS) | 3 | C | |


| | | |
|---|-------|---|
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C |
| General Studies Elective | 3 | |
| Natural Science - Quantitative (SQ) | 4 | |
| ❖ Complete ECN 211 or ECN 212 with a grade of "C" or better. | | |
| ❖ Complete MAT 211 with a grade of "C" or better. | | |
| ❖ Business Skills Courses: No Grades of D or E | | |
| ❖ Minimum 2.00 GPA ASU Cumulative. | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 16.25 | |


- Meet with your **W. P. Carey Career Coach**
- Attend **W. P. Carey** and **ASU Career Fairs**

| Term 4 47.50 - 61.50 Credit Hours Critical course signified by ❖ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ACC 241: Uses of Accounting Information II | 3 | C | <ul style="list-style-type: none"> • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Attend W. P. Carey and ASU career fairs • Apply for internships or create one |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Upper Division Elective | 1 | | |
| ❖ Complete ACC 231 with a grade of "C" or better. | | | |
| ❖ Complete ECN 221 with a grade of "C" or better. | | | |
| ❖ Business Skills Courses: No Grades of D or E | | | |
| ❖ Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 14 | | |


| Term 5 61.50 - 76.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ MKT 300: Marketing and Business Performance | 3 | C | <ul style="list-style-type: none"> • Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program. • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Meet with your W. P. Carey Career Coach • Update your resume |
| ★ MKT 311: Sports Business | 3 | C | |
| ENG 302: Business Writing (L) | 3 | | |
| SCM 300: Global Supply Operations | 3 | C | |
| WPC 348: Junior Networking Foundations | 0.25 | C | |
| General Studies Elective | 3 | | |
| ★ Complete ACC 241 with a grade of "C" or better. | | | |
| Term hours subtotal: | 15.25 | | |

| Term 6 76.75 - 91.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ MKT 421: Fan Behavior and Sports Marketing | 3 | C | <ul style="list-style-type: none"> • Complete informational interviews • Complete an in person or virtual practice interview with your W. P. Carey Career Coach |
| MGT 300: Organization and Management Leadership | 3 | C | |
| WPC 300: Problem Solving and Actionable Analytics | 3 | C | |
| Upper Division International Business Course AND Global Awareness (G) | 3 | C | |
| General Studies Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 91.75 - 106.75 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | | |
|---|----|---|--|
|  Complete 2 courses: | | | |
| Upper Division Sports Business Elective | 6 | C | <ul style="list-style-type: none"> Attend W. P. Carey and ASU Career Fairs Gather professional references Update your resume Meet with your academic advisor to discuss your internship course options |
| LES 305: Business Law and Ethics for Managers | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) | 3 | | |
| Upper Division Elective OR MKT 484: Internship OR WPC 484: Internship | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 106.75 - 120.00 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | | |
|---|-------|---|--|
|  MCO 465: Sports and Media | 3 | C | <ul style="list-style-type: none"> Apply for full-time career opportunities |
| Upper Division Sports Business Elective | 3 | C | |
| WPC 448: Senior Career Transition Management | 0.25 | C | |
| FIN 300: Fundamentals of Finance | 3 | C | |
| Upper Division Elective | 1 | | |
| Elective | 3 | | |
| Term hours subtotal: | 13.25 | | |

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.

Hide Course List(s)/Track Group(s)

| | | |
|---|---|--|
| Upper Division Sports Business Electives - select 3 courses (9 credit hours MKT 494 must be sports related) | Upper Division International Business Course - select one course (3 credit hours) | General Studies Electives |
| MCO 420: Strategic Sports Communication | AGB 302: International Management and Agribusiness (G) | ASL 101: American Sign Language I |
| MKT 431: Sports Events and Facility Management | ECN 306: Survey of International Economics (SB & G) | ASL 102: American Sign Language II |
| MKT 441: Sports Revenue Generation | MGT 302: Principles of International Business (G) | ASL 201: American Sign Language III |
| MKT 451: Sports Business Analytics | MKT 425: Global Marketing Management (G) | ASL 202: American Sign Language IV |
| MKT 484: Internship | SCM 463: Global Supply Chain Management (G) | BIO 320: Fundamentals of Ecology |
| MKT 494: Special Topics | | CHI 110: Intensive Chinese I |
| MKT 493: Honors Thesis (L) | | CHI 205: Chinese Calligraphy |
| | | COM 207: Introduction to Communication Inquiry |
| | | COM 259: Communication in Business and the Professions |
| | | COM 281: Communication Activities |
| | | COM 312: Communication Conflict and Negotiation |
| | | COM 341: Social Contexts for Performance |
| | | COM 414: Crisis Communication |

COM 430: Leadership in Group
Communication

COM 453: Communication Training and
Development

COM 465: Intercultural Communication
Workshop

ENG 210: Introduction to Creative Writing

ENG 213: Introduction to the Study of
Language

ENG 310: Intermediate Creative Writing

ENG 314: Modern Grammar

ENG 345: Selected Authors or Issues

FAS 301: Introduction to Parenting

GCU 433: Geography of Southeast Asia

GRK 101: Elementary Ancient Greek

GRK 201: Intermediate Ancient Greek

HST 389: Japan Society and Values/Premod

JPN 110: Intensive Japanese I

IDN 101: Elementary Indonesian I

IDN 102: Elementary Indonesian II

JPN 206: Japanese Calligraphy

JPN 414: Introduction to Classical Japanese

KOR 101: First-Year Korean I

KOR 102: First-Year Korean II

General Studies Electives Continued

LAT 101: Elementary Latin

LAT 102: Elementary Latin

MAT 242: Elementary Linear Algebra

MAT 243: Discrete Mathematical Structures

MAT 310: Introduction to Geometry

MAT 342: Linear Algebra

MAT 370: Intermediate Calculus

MAT 371: Advanced Calculus I

MAT 372: Advanced Calculus II

MAT 410: Introduction to General Topology

MAT 415: Introduction to Combinatorics

MAT 416: Graph Theory

Business Skills Courses - No Grades of D or E

ACC 231: Uses of Accounting Information I
or ACC 232: Financial Accounting I or ACC
261: Honors Fundamentals of Financial
Accounting

ACC 241: Uses of Accounting Information II
or ACC 242: Managerial Accounting I or ACC
271: Honors Fundamentals of Managerial
Accounting

CIS 105: Computer Applications and
Information Technology (CS) or CIS 236:
Honors Introduction to Information Systems
(CS)

ECN 211: Macroeconomic Principles (SB) or
ECN 213: Honors Macroeconomics (SB)

ECN 212: Microeconomic Principles (SB) or
ECN 214: Honors Microeconomics (SB)

| | |
|---|--|
| MAT 442: Advanced Linear Algebra | ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS) |
| MAT 443: Introduction to Abstract Algebra | |
| MAT 444: Intermediate Abstract Algebra | MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA) |
| MAT 445: Theory of Numbers | |
| MAT 460: Vector Calculus | MAT 211: Mathematics for Business Analysis or MAT 271: Calculus with Analytic Geometry II (MA) |
| MAT 461: Applied Complex Analysis | |
| MAT 462: Applied Partial Differential Equations | |
| MAT 472: Intermediate Real Analysis I | |
| MAT 475: Differential Equations | |
| MAT 485: History of Mathematics | |
| POR 101: Elementary Portuguese I | |
| POR 102: Elementary Portuguese II | |
| ROM 101: Elementary Romanian | |
| ROM 201: Intermediate Romanian | |
| ROM 313: Romanian Composition and Conversation | |
| ROM 314: Romanian Composition and Conversation | |
| RUS 101: Elementary Russian I | |
| RUS 102: Elementary Russian II | |
| SPA 101: Elementary Spanish I | |
| SPA 102: Elementary Spanish II | |
| SPA 111: Fundamentals of Spanish | |
| SPA 486: Chicano/a Novel: Última Rafa y Lala | |
| UNI 110: Critical Reading and Thinking | |

Total Hours: 120

Upper Division Hours: 50 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)

- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map





Business (Sports Business), BA

School/College: [W. P. Carey School of Business](#)





Location: [Online](#)

BABUSMSBA

| Term 1 - A 0 - 7 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  CIS 105: Computer Applications and Information Technology (CS) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement • Create your first college resume |
|  WPC 101: Student Success in Business | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  MAT 210: Brief Calculus (MA) | 3 | C | <ul style="list-style-type: none"> • View ASU Online first-year student registration information here • Mathematics Placement Assessment score determines placement in mathematics course • Join a student club or organization |
| SOC course (SB) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
|  Business Skills Courses: No Grades of D or E | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 9 | | |






| Term 2 - A 16 - 22.25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  MAT 211: Mathematics for Business Analysis | 3 | C | <ul style="list-style-type: none"> • Join the W. P. Carey mentorship programs • Research study abroad opportunities recommended for your major |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
| Term hours subtotal: | 6.25 | | |



| Term 2 - B 22.25 - 31.25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions | 3 | | |
| ECN 211: Macroeconomic Principles (SB) | 3 | C | |
| PSY course (SB) | 3 | | |
|  Business Skills Courses: No Grades of D or E | | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 9 | | |




| Term 3 - A 31.25 - 40.25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  ACC 231: Uses of Accounting Information I | 3 | C | |

| | | |
|--|---|---|
| ECN 212: Microeconomic Principles (SB) | 3 | C |
| General Studies Elective | 3 | |
| Term hours subtotal: | 9 | |



- Explore [career resources](#).
- Meet with your [W. P. Carey Career Coach](#)
- Attend [W. P. Carey and ASU Career Fairs](#)

| Term 3 - B 40.25 - 46.50 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  ACC 241: Uses of Accounting Information II | 3 | C | <ul style="list-style-type: none"> • Continuing first-year students will take WPC 248, after completing WPC 148 • New transfer students will take WPC 347 • Develop your professional online presence |
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C | |
| Elective | 3 | | |
|  Business Skills Courses: No Grades of D or E | | | |
|  Complete ECN 211 AND ECN 212. | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 6.25 | | |

| Term 4 - A 46.50 - 53.50 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  ECN 221: Business Statistics (CS) | 3 | C | <ul style="list-style-type: none"> • Attend W. P. Carey and ASU career fairs • Apply for internships or create one |
| Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 4 - B 53.50 - 59.50 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| General Studies Elective | 3 | | |
| Cultural Diversity in the U.S. (C) | 3 | | |
|  Business Skills Courses: No Grades of D or E | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 6 | | |

| Term 5 - A 59.50 - 65.75 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| MKT 300: Marketing and Business Performance | 3 | C | <ul style="list-style-type: none"> • Meet with your W. P. Carey Career Coach • Update your resume |
| SCM 300: Global Supply Operations | 3 | C | |
| WPC 348: Junior Networking Foundations | 0.25 | C | |
| Term hours subtotal: | 6.25 | | |

| Term 5 - B 65.75 - 74.75 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  MKT 311: Sports Business | 3 | C | <ul style="list-style-type: none"> • Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program. |
| ENG 302: Business Writing (L) | 3 | | |
| WPC 300: Problem Solving and Actionable Analytics | 3 | C | |
| Term hours subtotal: | 9 | | |

| Term 6 - A 74.75 - 81.75 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| LES 305: Business Law and Ethics for Managers | 3 | C | <ul style="list-style-type: none"> • Complete informational interviews |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |

Term hours subtotal: 7

| Term 6 - B 81.75 - 90.75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|--|--------------|----------------------|---|
| ★ | | | |
| ★ MKT 421: Fan Behavior and Sports Marketing | 3 | C | <ul style="list-style-type: none"> Complete an in person or virtual practice interview with your W. P. Carey Career Coach |
| Upper Division International Business Course AND Global Awareness (G) | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | | 9 | |

| Term 7 - A 90.75 - 99.75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|--|--------------|----------------------|--|
| ★ | | | |
| ★ Upper Division Sports Business Elective | 3 | C | <ul style="list-style-type: none"> Attend W. P. Carey and ASU Career Fairs |
| MGT 300: Organization and Management Leadership | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | | 9 | |

| Term 7 - B 99.75 - 105.75 Credit Hours | Hours | Minimum Grade | Notes |
|---|--------------|----------------------|--|
| FIN 300: Fundamentals of Finance | 3 | C | <ul style="list-style-type: none"> Gather professional references Update your resume |
| Upper Division Sports Business Elective | 3 | C | |
| Term hours subtotal: | | 6 | |

| Term 8 - A 105.75 - 114.00 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|--|--------------|----------------------|---|
| ★ | | | |
| ★ MCO 465: Sports and Media | 3 | C | <ul style="list-style-type: none"> Apply for full-time career opportunities |
| WPC 448: Senior Career Transition Management | 0.25 | C | |
| Upper Division Elective OR MKT 484: Internship OR WPC 484: Internship | 3 | | |
| Upper Division Elective | 2 | | |
| Term hours subtotal: | | 8.25 | |

| Term 8 - B 114.00 - 120.00 Credit Hours | Hours | Minimum Grade | Notes |
|--|--------------|----------------------|--------------|
| Upper Division Sports Business Elective | 3 | C | |
| General Studies Elective | 3 | | |
| Term hours subtotal: | | 6 | |

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.
 - Students cannot share Upper Division International Business Elective with concentration course requirements.

Hide Course List(s)/Track Group(s)

| Upper Division Sports Business Electives - select 3 courses (9 credit hours MKT 494 must be sports related) | Upper Division International Business Course- select one course (3 credit hours) | General Studies Electives |
|--|---|---|
| MKT 441: Sports Revenue Generation | AGB 302: International Management and Agribusiness (G) | BIO 320: Fundamentals of Ecology |
| MKT 451: Sports Business Analytics | ECN 306: Survey of International Economics (SB & G) | COM 207: Introduction to Communication Inquiry |
| MKT 484: Internship | MGT 302: Principles of International Business (G) | COM 259: Communication in Business and the Professions |
| MKT 494: Special Topics | MKT 425: Global Marketing Management (G) | COM 312: Communication Conflict and Negotiation |
| | SCM 463: Global Supply Chain Management (G) | COM 414: Crisis Communication |
| | | COM 430: Leadership in Group Communication |
| | | COM 453: Communication Training and Development |
| | | ENG 210: Introduction to Creative Writing |
| | | ENG 310: Intermediate Creative Writing |
| | | ENG 345: Selected Authors or Issues |
| | | FAS 301: Introduction to Parenting |
| | | MAT 242: Elementary Linear Algebra |
| | | MAT 243: Discrete Mathematical Structures |
| | | POR 101: Elementary Portuguese I |
| | | ROM 101: Elementary Romanian |
| | | SPA 101: Elementary Spanish I |
| | | SPA 102: Elementary Spanish II |
| Business Skills Courses - No Grades of D or E | | |
| ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting | | |
| ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting | | |
| CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS) | | |
| ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB) | | |
| ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB) | | |
| ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS) | | |

MAT 210: Brief Calculus (MA) or MAT 270:
Calculus with Analytic Geometry I (MA)

MAT 211: Mathematics for Business Analysis
or MAT 271: Calculus with Analytic
Geometry II (MA)

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.





2020 - 2021 Major Map







Business (Statistics), BA


School/College: W. P. Carey School of Business

Location: West campus

BABUSTABA

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  WPC 101: Student Success in Business | 1 | | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement. |
| CIS 105: Computer Applications and Information Technology (CS) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 210: Brief Calculus (MA) | 3 | C | |
| SOC course (SB) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
|  Business Skills Courses: No Grades of D or E | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31.25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions | 3 | | <ul style="list-style-type: none"> • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Join the W. P. Carey mentorship programs • Research study abroad opportunities recommended for your major |
| ECN 211: Macroeconomic Principles (SB) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 211: Mathematics for Business Analysis | 3 | C | |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
| PSY course (SB) | 3 | | |
|  Complete CIS 105 with a grade of "C" or better. | | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Complete MAT 210 with a grade of "C" or better. | | | |
|  Business Skills Courses: No Grades of D or E | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15.25 | | |

| Term 3 31.25 - 47.50 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ACC 231: Uses of Accounting Information I | 3 | C | <ul style="list-style-type: none"> • Continuing first-year students will take WPC 248, after completing WPC 148 • New transfer students will take WPC 347 • Explore career resources • Develop your professional online presence |
| ECN 212: Microeconomic Principles (SB) | 3 | C | |
| ECN 221: Business Statistics (CS) | 3 | C | |

| | | |
|---|-------|---|
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C |
| Natural Science - Quantitative (SQ) | 4 | |
| General Studies Elective | 3 | |
| ❖ Complete ECN 211 or ECN 212 with a grade of "C" or better. | | |
| ❖ Complete MAT 211 with a grade of "C" or better. | | |
| ❖ Business Skills Courses: No Grades of D or E | | |
| ❖ Minimum 2.00 GPA ASU Cumulative. | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 16.25 | |

- Meet with your **W. P. Carey Career Coach**
- Attend **W. P. Carey** and **ASU Career Fairs**

| Term 4 47.50 - 63.50 Credit Hours Critical course signified by ❖ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ACC 241: Uses of Accounting Information II | 3 | C | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| General Studies Elective | 3 | | |
| ❖ Complete ACC 231 with a grade of "C" or better. | | | |
| ❖ Complete ECN 221 with a grade of "C" or better. | | | |
| ❖ Business Skills Courses: No Grades of D or E | | | |
| ❖ Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

- Business Statistics students are encouraged to take **STP 420** early, if you are considering taking additional statistics courses
- Attend **W. P. Carey** and **ASU career fairs**
- Apply for **internships** or **create one**

| Term 5 63.50 - 78.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ SCM 300: Global Supply Operations | 3 | C | |
| ENG 302: Business Writing (L) | 3 | | |
| LES 305: Business Law and Ethics for Managers | 3 | C | |
| MKT 300: Marketing and Business Performance | 3 | C | |
| WPC 348: Junior Networking Foundations | 0.25 | C | |
| Elective | 3 | | |
| ★ Complete ACC 241 with a grade of "C" or better. | | | |
| Term hours subtotal: | 15.25 | | |

- Students pursuing concurrent degrees within **W. P. Carey** cannot share coursework in the major. Major coursework must be unique to each degree program.
- Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your **academic advisor** for more information and options.
- Meet with your **W. P. Carey Career Coach**

| Term 6 78.75 - 93.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ CIS 310: Business Data Visualization | 3 | C | |
| ★ STP 420: Introductory Applied Statistics (CS) | 3 | C | |
| FIN 300: Fundamentals of Finance | 3 | C | |
| Upper Division International Business Course AND Global Awareness (G) | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

- Complete **informational interviews**
- Complete an in person or virtual practice interview with your **W. P. Carey Career Coach**

| Term 7 93.75 - 107.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ STP 310: Design and Analysis of Experiments | 3 | C | <ul style="list-style-type: none"> Attend W. P. Carey and ASU Career Fairs Gather professional references Update your resume Meet with your academic advisor to discuss your internship course options |
| ★ STP 311: Regression and Time Series Analyses | 3 | C | |
| MGT 300: Organization and Management Leadership | 3 | C | |
| Upper Division Elective | 2 | | |
| Elective | 3 | | |
| Term hours subtotal: | 14 | | |

| Term 8 107.75 - 120.00 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ CIS 405: Business Intelligence | 3 | C | <ul style="list-style-type: none"> Apply for full-time career opportunities Meet with your academic advisor to discuss your internship course options |
| ★ STP 315: Statistical Computing | 3 | C | |
| WPC 300: Problem Solving and Actionable Analytics | 3 | C | |
| WPC 448: Senior Career Transition Management | 0.25 | C | |
| Upper Division Elective OR STP 484: Internship OR WPC 484: Internship | 3 | | |
| Term hours subtotal: | 12.25 | | |

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.

Hide Course List(s)/Track Group(s)

| Upper Division International Business Course - select one course (3 credit hours) | General Studies Electives | General Studies Electives Continued |
|--|--|---|
| AGB 302: International Management and Agribusiness (G) | ASL 101: American Sign Language I | LAT 101: Elementary Latin |
| ECN 306: Survey of International Economics (SB & G) | ASL 102: American Sign Language II | LAT 102: Elementary Latin |
| MGT 302: Principles of International Business (G) | ASL 201: American Sign Language III | MAT 242: Elementary Linear Algebra |
| MKT 425: Global Marketing Management (G) | ASL 202: American Sign Language IV | MAT 243: Discrete Mathematical Structures |
| SCM 463: Global Supply Chain Management (G) | BIO 320: Fundamentals of Ecology | MAT 310: Introduction to Geometry |
| | CHI 110: Intensive Chinese I | MAT 342: Linear Algebra |
| | CHI 205: Chinese Calligraphy | MAT 370: Intermediate Calculus |
| | COM 207: Introduction to Communication Inquiry | MAT 371: Advanced Calculus I |
| | COM 259: Communication in Business and the Professions | MAT 372: Advanced Calculus II |
| | COM 281: Communication Activities | MAT 410: Introduction to General Topology |
| | COM 312: Communication Conflict and Negotiation | MAT 415: Introduction to Combinatorics |
| | COM 341: Social Contexts for Performance | MAT 416: Graph Theory |
| | COM 414: Crisis Communication | MAT 442: Advanced Linear Algebra |
| | | MAT 443: Introduction to Abstract Algebra |
| | | MAT 444: Intermediate Abstract Algebra |

| | |
|---|---|
| COM 430: Leadership in Group Communication | MAT 445: Theory of Numbers |
| COM 453: Communication Training and Development | MAT 460: Vector Calculus |
| COM 465: Intercultural Communication Workshop | MAT 461: Applied Complex Analysis |
| ENG 210: Introduction to Creative Writing | MAT 462: Applied Partial Differential Equations |
| ENG 213: Introduction to the Study of Language | MAT 472: Intermediate Real Analysis I |
| ENG 310: Intermediate Creative Writing | MAT 475: Differential Equations |
| ENG 314: Modern Grammar | MAT 485: History of Mathematics |
| ENG 345: Selected Authors or Issues | POR 101: Elementary Portuguese I |
| FAS 301: Introduction to Parenting | POR 102: Elementary Portuguese II |
| GCU 433: Geography of Southeast Asia | ROM 101: Elementary Romanian |
| GRK 101: Elementary Ancient Greek | ROM 201: Intermediate Romanian |
| GRK 201: Intermediate Ancient Greek | ROM 313: Romanian Composition and Conversation |
| HST 389: Japan Society and Values/Premod | ROM 314: Romanian Composition and Conversation |
| JPN 110: Intensive Japanese I | RUS 101: Elementary Russian I |
| IDN 101: Elementary Indonesian I | RUS 102: Elementary Russian II |
| IDN 102: Elementary Indonesian II | SPA 101: Elementary Spanish I |
| JPN 206: Japanese Calligraphy | SPA 102: Elementary Spanish II |
| JPN 414: Introduction to Classical Japanese | SPA 111: Fundamentals of Spanish |
| KOR 101: First-Year Korean I | SPA 486: Chicano/a Novel: <i>Áltima Rafa y Lala</i> |
| KOR 102: First-Year Korean II | UNI 110: Critical Reading and Thinking |

Business Skills Courses - No Grades of D or E

ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting

ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting

CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS)

ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB)

ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB)

ECN 221: Business Statistics (CS) or ECN
231: Honors Business Statistics (CS)

MAT 210: Brief Calculus (MA) or MAT 270:
Calculus with Analytic Geometry I (MA)

MAT 211: Mathematics for Business Analysis
or MAT 271: Calculus with Analytic
Geometry II (MA)

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.





2020 - 2021 Major Map







Business (Sustainability), BA


School/College: [W. P. Carey School of Business](#)

Location: [Polytechnic campus](#), [Tempe campus](#), [West campus](#)

BABUSSBA

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  WPC 101: Student Success in Business | 1 | | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement • Join a student club or organization • Create your first college resume |
| CIS 105: Computer Applications and Information Technology (CS) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 210: Brief Calculus (MA) | 3 | C | |
| SOC course (SB) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
|  Business Skills Courses: No Grades of D or E. | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31.25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| MAT 211: Mathematics for Business Analysis | 3 | C | <ul style="list-style-type: none"> • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Join the W. P. Carey mentorship programs • Explore student leadership opportunities in W. P. Carey • Research study abroad opportunities recommended for your major |
| ECN 211: Macroeconomic Principles (SB) | 3 | C | |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions | 3 | | |
| PSY course (SB) | 3 | | |
|  Complete CIS 105 with a grade of "C" or better. | | | |
|  Complete MAT 210 with a grade of "C" or better. | | | |
|  Business Skills Courses: No Grades of D or E. | | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15.25 | | |

| Term 3 31.25 - 47.50 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ACC 231: Uses of Accounting Information I | 3 | C | <ul style="list-style-type: none"> • Continuing first-year students will take WPC 248, after completing WPC 148 • New transfer students will take WPC 347 • Explore career resources • Develop your professional online presence |
| ECN 212: Microeconomic Principles (SB) | 3 | C | |
| ECN 221: Business Statistics (CS) | 3 | C | |

| | | |
|---|-------|---|
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C |
| SOS 110: Sustainable World (SB) | 3 | C |
| Natural Science - Quantitative (SQ) | 4 | |
| ❖ Complete ECN 211 or ECN 212 with a grade of "C" or better. | | |
| ❖ Complete MAT 211 with a grade of "C" or better. | | |
| ❖ Business Skills Courses: No Grades of D or E. | | |
| ❖ Minimum 2.00 GPA ASU Cumulative. | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 16.25 | |

- Meet with your **W. P. Carey Career Coach**
- Attend **W. P. Carey** and **ASU Career Fairs**

| Term 4 47.50 - 61.50 Credit Hours Critical course signified by ❖ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ACC 241: Uses of Accounting Information II | 3 | C | |
| SOS 111: Sustainable Cities ((HU or SB) & G) OR PUP 190: Sustainable Cities ((HU or SB) & G) | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Upper Division Elective | 1 | | |
| ❖ Complete ACC 231 with a grade of "C" or better. | | | |
| ❖ Complete ECN 221 with a grade of "C" or better. | | | |
| ❖ Business Skills Courses: No Grades of D or E. | | | |
| ❖ Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 14 | | |

- Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your **academic advisor** for more information and options.
- Attend **W. P. Carey** and **ASU career fairs**
- Apply for **internships** or **create one**

| Term 5 61.50 - 76.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ SCM 300: Global Supply Operations | 3 | C | |
| ★ SOS 325: The Economics of Sustainability | 3 | C | |
| WPC 348: Junior Networking Foundations | 0.25 | C | |
| ENG 302: Business Writing (L) | 3 | | |
| FIN 300: Fundamentals of Finance | 3 | C | |
| Elective | 3 | | |
| ★ Complete ACC 241 with a grade of "C" or better. | | | |
| Maintain 2.50 GPA in Major Courses. | | | |
| Term hours subtotal: | 15.25 | | |

- Students pursuing concurrent degrees within **W. P. Carey** cannot share coursework in the major. Major coursework must be unique to each degree program.
- Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your **academic advisor** for more information and options.
- Meet with your **W. P. Carey Career Coach**
- Update your **resume**

| Term 6 76.75 - 91.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ Upper Division Sustainability Elective | 3 | C | |
| MKT 300: Marketing and Business Performance | 3 | C | |
| WPC 300: Problem Solving and Actionable Analytics | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) | 3 | | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |

- Complete **informational interviews**
- Complete an in person or virtual practice interview with your **W. P. Carey Career Coach**

Maintain 2.50 GPA in Major Courses.

Term hours subtotal: 15

| Term 7 91.75 - 106.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ SCM 385: Business and Sustainability I | 3 | C | <ul style="list-style-type: none"> Attend W. P. Carey and ASU Career Fairs Gather professional references Update your resume Meet with your academic advisor to discuss your internship course options |
| LES 305: Business Law and Ethics for Managers | 3 | C | |
| MGT 300: Organization and Management Leadership | 3 | C | |
| Upper Division Elective OR WPC 484: Internship | 3 | | |
| Upper Division Elective | 3 | | |
| Maintain 2.50 GPA in Major Courses. | | | |
| Term hours subtotal: | | 15 | |

| Term 8 106.75 - 120.00 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ SCM 485: Business and Sustainability II | 3 | C | <ul style="list-style-type: none"> Apply for full-time career opportunities Meet with your academic advisor to discuss your internship course options |
| Upper Division International Business Course AND Global Awareness (G) | 3 | C | |
| WPC 448: Senior Career Transition Management | 0.25 | C | |
| Upper Division Elective OR WPC 484: Internship | 3 | | |
| Upper Division Elective | 1 | | |
| Elective | 3 | | |
| Term hours subtotal: | | 13.25 | |

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.

Hide Course List(s)/Track Group(s)

| | | |
|--|---|---|
| Upper Division Sustainability Elective | Upper Division International Business Course - select one course (3 credit hours) | Business Skills Courses - No Grades of D or E |
| AGB 414: Food and Agribusiness Policy Issues (L) | AGB 302: International Management and Agribusiness (G) | ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting |
| AGB 452: Global Food and Agricultural Trade | ECN 306: Survey of International Economics (SB & G) | ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting |
| SOS Upper Division Elective | MGT 302: Principles of International Business (G) | CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS) |
| | MKT 425: Global Marketing Management (G) | ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB) |
| | SCM 463: Global Supply Chain Management (G) | |

ECN 212: Microeconomic Principles (SB) or
ECN 214: Honors Microeconomics (SB)

ECN 221: Business Statistics (CS) or ECN
231: Honors Business Statistics (CS)

MAT 210: Brief Calculus (MA) or MAT 270:
Calculus with Analytic Geometry I (MA)

MAT 211: Mathematics for Business Analysis
or MAT 271: Calculus with Analytic
Geometry II (MA)

Total Hours: 120
Upper Division Hours: 50 minimum
Major GPA: 2.50 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
**Hrs Resident Credit for
Academic Recognition:** 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map





Business (Sustainability), BA



School/College: [W. P. Carey School of Business](#)





Location: [Online](#)

BABUSSBA

| Term 1 - A 0 - 7 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  WPC 101: Student Success in Business | 1 | | <ul style="list-style-type: none"> An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses ASU 101 or college specific equivalent First Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement Create your first college resume |
|  CIS 105: Computer Applications and Information Technology (CS) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  MAT 210: Brief Calculus (MA) | 3 | C | <ul style="list-style-type: none"> View ASU Online first-year student registration information here. Mathematics Placement Assessment score determines placement in mathematics course Join a student club or organization |
| SOC course (SB) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
|  Business Skills Courses: No Grades of D or E. | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 9 | | |

| Term 2 - A 16 - 22.25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  MAT 211: Mathematics for Business Analysis | 3 | C | <ul style="list-style-type: none"> Join the W. P. Carey mentorship programs Research study abroad opportunities recommended for your major |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 6.25 | | |

| Term 2 - B 22.25 - 31.25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ECN 211: Macroeconomic Principles (SB) | 3 | C | |
| COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions | 3 | | |
| PSY course (SB) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Business Skills Courses: No Grades of D or E. | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 9 | | |

| Term 3 - A 31.25 - 40.25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  ACC 231: Uses of Accounting Information I | 3 | C | |

| | | |
|-----------------------------------|---|---|
| ◆ SOS 110: Sustainable World (SB) | 3 | C |
| Elective | 3 | |
| Term hours subtotal: | 9 | |

- Explore [career resources](#).
- Meet with your [W. P. Carey Career Coach](#)
- Attend [W. P. Carey and ASU Career Fairs](#)

| Term 3 - B 40.25 - 46.50 Credit Hours Critical course signified by ◆ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ◆ ACC 241: Uses of Accounting Information II | 3 | C | <ul style="list-style-type: none"> • Continuing first-year students will take WPC 248, after completing WPC 148 • New transfer students will take WPC 347 • Develop your professional online presence |
| ECN 212: Microeconomic Principles (SB) | 3 | C | |
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C | |
| ◆ Complete ECN 211 AND ECN 212. | | | |
| ◆ Business Skills Courses: No Grades of D or E. | | | |
| ◆ Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 6.25 | | |

| Term 4 - A 46.50 - 55.50 Credit Hours Critical course signified by ◆ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ◆ ECN 221: Business Statistics (CS) | 3 | C | <ul style="list-style-type: none"> • Attend W. P. Carey and ASU career fairs • Apply for internships or create one |
| ◆ SOS 111: Sustainable Cities ((HU or SB) & G) or PUP 190: Sustainable Cities ((HU or SB) & G) | 3 | C | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 4 - B 55.50 - 62.50 Credit Hours Critical course signified by ◆ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| ◆ Business Skills Courses: No Grades of D or E. | | | |
| ◆ Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 7 | | |

| Term 5 - A 62.50 - 68.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ MKT 300: Marketing and Business Performance | 3 | C | <ul style="list-style-type: none"> • Meet with your W. P. Carey Career Coach • Update your resume |
| ★ SCM 300: Global Supply Operations | 3 | C | |
| WPC 348: Junior Networking Foundations | 0.25 | C | |
| Term hours subtotal: | 6.25 | | |

| Term 5 - B 68.75 - 77.75 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| LES 305: Business Law and Ethics for Managers | 3 | C | <ul style="list-style-type: none"> • Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program. |
| ENG 302: Business Writing (L) | 3 | | |
| WPC 300: Problem Solving and Actionable Analytics | 3 | C | |
| Term hours subtotal: | 9 | | |

| Term 6 - A 77.75 - 84.75 Credit Hours | Hours | Minimum Grade | Notes |
|---------------------------------------|-------|---------------|-------|
|---------------------------------------|-------|---------------|-------|

| | | | |
|---|---|---|-------------------------------------|
| SOS 325: The Economics of Sustainability | 3 | C | • Complete informational interviews |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Maintain 2.50 GPA in Major Courses. | | | |
| Term hours subtotal: | 7 | | |

| Term 6 - B 84.75 - 90.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ MGT 300: Organization and Management Leadership | 3 | C | • Complete an in person or virtual practice interview with your W. P. Carey Career Coach |
| Upper Division International Business Course AND Global Awareness (G) | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 7 - A 90.75 - 99.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ SCM 385: Business and Sustainability I | 3 | C | • Attend W. P. Carey and ASU Career Fairs |
| FIN 300: Fundamentals of Finance | 3 | C | |
| Upper Division Elective OR WPC 484: Internship | 3 | | |
| Maintain 2.50 GPA in Major Courses. | | | |
| Term hours subtotal: | 9 | | |

| Term 7 - B 99.75 - 105.75 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| SOS Upper Division Elective | 3 | C | • Gather professional references • Update your resume |
| Upper Division Humanities, Arts and Design (HU) | 3 | | |
| Maintain 2.50 GPA in Major Courses. | | | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 105.75 - 114.00 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ SCM 485: Business and Sustainability II | 3 | C | • Apply for full-time career opportunities |
| WPC 448: Senior Career Transition Management | 0.25 | C | |
| Upper Division Elective OR WPC 484: Internship | 3 | | |
| Upper Division Elective | 2 | | |
| Maintain 2.50 GPA in Major Courses. | | | |
| Term hours subtotal: | 8.25 | | |

| Term 8 - B 114.00 - 120.00 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.

Hide Course List(s)/Track Group(s)

| | |
|--|---|
| Upper Division International Business Course - select one course (3 credit hours) | Business Skills Courses - No Grades of D or E |
| AGB 302: International Management and Agribusiness (G) | ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting |
| ECN 306: Survey of International Economics (SB & G) | ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting |
| MGT 302: Principles of International Business (G) | CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS) |
| MKT 425: Global Marketing Management (G) | ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB) |
| SCM 463: Global Supply Chain Management (G) | ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB) |
| | ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS) |
| | MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA) |
| | MAT 211: Mathematics for Business Analysis or MAT 271: Calculus with Analytic Geometry II (MA) |

Total Hours: 120
Upper Division Hours: 50 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.












2020 - 2021 Major Map

Business (Technology), BA

School/College: W. P. Carey School of Business

Location: Polytechnic campus

BABUSTCBA

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  WPC 101: Student Success in Business | 1 | | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement. • Join a student club or organization • Create your first college resume |
| CIS 105: Computer Applications and Information Technology (CS) | 3 | C | |
| MAT 210: Brief Calculus (MA) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| SOC course (SB) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
|  Business Skills Courses: No Grades of D or E. | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |
| | | | |
| Term 2 16 - 31.25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
| MAT 211: Mathematics for Business Analysis | 3 | C | <ul style="list-style-type: none"> • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Join the W. P. Carey mentorship programs • Explore student leadership opportunities in W. P. Carey • Research study abroad opportunities recommended for your major |
| ECN 211: Macroeconomic Principles (SB) | 3 | C | |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions | 3 | | |
| PSY course (SB) | 3 | | |
|  Complete CIS 105 with a grade of "C" or better. | | | |
|  Complete MAT 210 with a grade of "C" or better. | | | |
|  Business Skills Courses: No Grades of D or E. | | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15.25 | | |
| | | | |
| Term 3 31.25 - 47.50 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
| ACC 231: Uses of Accounting Information I | 3 | C | <ul style="list-style-type: none"> • Continuing first-year students will take WPC 248, after completing WPC 148 • New transfer students will take WPC 347 • Explore career resources • Develop your professional online presence |
| ECN 212: Microeconomic Principles (SB) | 3 | C | |
| ECN 221: Business Statistics (CS) | 3 | C | |

| | | |
|---|-------|---|
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C |
| Natural Science - Quantitative (SQ) | 4 | |
| Elective | 3 | |
| ❖ Complete ECN 211 or ECN 212 with a grade of "C" or better. | | |
| ❖ Complete MAT 211 with a grade of "C" or better. | | |
| ❖ Business Skills Courses: No Grades of D or E. | | |
| ❖ Minimum 2.00 GPA ASU Cumulative. | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 16.25 | |

- Meet with your **W. P. Carey Career Coach**
- Attend **W. P. Carey** and **ASU Career Fairs**

| Term 4 47.50 - 61.50 Credit Hours Critical course signified by ❖ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ACC 241: Uses of Accounting Information II | 3 | C | <ul style="list-style-type: none"> • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Attend W. P. Carey and ASU career fairs • Apply for internships or create one |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Upper Division Elective | 1 | | |
| ❖ Complete ACC 231 with a grade of "C" or better. | | | |
| ❖ Complete ECN 221 with a grade of "C" or better. | | | |
| ❖ Business Skills Courses: No Grades of D or E. | | | |
| ❖ Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 14 | | |

| Term 5 61.50 - 76.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ TEM 400: Technology Entrepreneurship | 3 | C | <ul style="list-style-type: none"> • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Meet with your W. P. Carey Career Coach • Update your resume |
| ★ Technology Focus Area Course | 3 | C | |
| WPC 348: Junior Networking Foundations | 0.25 | C | |
| MGT 300: Organization and Management Leadership | 3 | C | |
| MKT 300: Marketing and Business Performance | 3 | C | |
| SCM 300: Global Supply Operations | 3 | C | |
| ★ Complete ACC 241 with a grade of "C" or better. | | | |
| Term hours subtotal: | 15.25 | | |

| Term 6 76.75 - 91.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ TMC 470: Enterprise Planning and Implementation | 3 | C | <ul style="list-style-type: none"> • Complete informational interviews • Complete an in person or virtual practice interview with your W. P. Carey Career Coach |
| ENG 302: Business Writing (L) | 3 | | |
| Technology Focus Area Course | 3 | C | |
| Upper Division International Business Elective AND Global Awareness (G) | 3 | C | |
| Upper Division General Studies Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 91.75 - 106.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ Upper Division Technology Focus Area Course | 3 | C | <ul style="list-style-type: none"> Attend W. P. Carey and ASU Career Fairs Gather professional references Update your resume Meet with your academic advisor to discuss your internship course options |
| FIN 300: Fundamentals of Finance | 3 | C | |
| LES 305: Business Law and Ethics for Managers | 3 | C | |
| Upper Division General Studies Elective | 3 | | |
| Upper Division Elective OR TEM 484: Internship OR WPC 484: Internship | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 106.75 - 120.00 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ Upper Division Technology Focus Area Course | 3 | C | <ul style="list-style-type: none"> Apply for full-time career opportunities |
| WPC 300: Problem Solving and Actionable Analytics | 3 | C | |
| WPC 448: Senior Career Transition Management | 0.25 | C | |
| Upper Division Humanities, Arts and Design (HU) | 3 | | |
| Elective | 3 | | |
| Upper Division Elective | 1 | | |
| Term hours subtotal: | 13.25 | | |

- Choose one Focus Area and complete 12 credit hours.
 - Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.

Hide Course List(s)/Track Group(s)

| | | |
|---|---|--|
| Technology Focus Area (Digital Media) - choose one focus area (12 credit hours) | Technology Focus Area (Social Entrepreneurship) - choose one focus area (12 credit hours) | Upper Division International Business Course - select one course (3 credit hours) |
| GIT 215: Introduction to Web Authoring | AGB 321: Agribusiness Marketing | AGB 302: International Management and Agribusiness (G) |
| GIT 230: Digital Illustration in Publishing | AGB 333: Agribusiness Finance | ECN 306: Survey of International Economics (SB & G) |
| GIT 303: Digital Publishing | TEM 230: Creativity and Business Innovation | MGT 302: Principles of International Business (G) |
| GIT 334: Image Editing and Manipulation | TEM 431: Innovation Management | MKT 425: Global Marketing Management (G) |
| | TEM 455: Global Impact Entrepreneurship | SCM 463: Global Supply Chain Management (G) |
| | TMC 331: Quality Assurance | |
| | TMC 430: Enterprise Strategy and Innovation | |
| General Studies Electives | General Studies Electives Continued | Business Skills Courses - No Grades of D or E |
| ASL 101: American Sign Language I | LAT 101: Elementary Latin | ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting |
| ASL 102: American Sign Language II | LAT 102: Elementary Latin | |
| ASL 201: American Sign Language III | MAT 242: Elementary Linear Algebra | |

| | | |
|---|---|--|
| ASL 202: American Sign Language IV | MAT 243: Discrete Mathematical Structures | ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting |
| BIO 320: Fundamentals of Ecology | MAT 310: Introduction to Geometry | |
| CHI 110: Intensive Chinese I | MAT 342: Linear Algebra | |
| CHI 205: Chinese Calligraphy | MAT 370: Intermediate Calculus | CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS) |
| COM 207: Introduction to Communication Inquiry | MAT 371: Advanced Calculus I | |
| COM 259: Communication in Business and the Professions | MAT 372: Advanced Calculus II | |
| COM 281: Communication Activities | MAT 410: Introduction to General Topology | ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB) |
| COM 312: Communication Conflict and Negotiation | MAT 415: Introduction to Combinatorics | ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB) |
| COM 341: Social Contexts for Performance | MAT 416: Graph Theory | |
| COM 414: Crisis Communication | MAT 442: Advanced Linear Algebra | ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS) |
| COM 430: Leadership in Group Communication | MAT 443: Introduction to Abstract Algebra | MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA) |
| COM 453: Communication Training and Development | MAT 444: Intermediate Abstract Algebra | |
| COM 465: Intercultural Communication Workshop | MAT 445: Theory of Numbers | MAT 211: Mathematics for Business Analysis or MAT 271: Calculus with Analytic Geometry II (MA) |
| ENG 210: Introduction to Creative Writing | MAT 460: Vector Calculus | |
| ENG 213: Introduction to the Study of Language | MAT 461: Applied Complex Analysis | |
| ENG 310: Intermediate Creative Writing | MAT 462: Applied Partial Differential Equations | |
| ENG 314: Modern Grammar | MAT 472: Intermediate Real Analysis I | |
| ENG 345: Selected Authors or Issues | MAT 475: Differential Equations | |
| FAS 301: Introduction to Parenting | MAT 485: History of Mathematics | |
| GCU 433: Geography of Southeast Asia | POR 101: Elementary Portuguese I | |
| GRK 101: Elementary Ancient Greek | POR 102: Elementary Portuguese II | |
| GRK 201: Intermediate Ancient Greek | ROM 101: Elementary Romanian | |
| HST 389: Japan Society and Values/Premod | ROM 201: Intermediate Romanian | |
| JPN 110: Intensive Japanese I | ROM 313: Romanian Composition and Conversation | |
| IDN 101: Elementary Indonesian I | ROM 314: Romanian Composition and Conversation | |
| IDN 102: Elementary Indonesian II | RUS 101: Elementary Russian I | |
| JPN 206: Japanese Calligraphy | RUS 102: Elementary Russian II | |
| JPN 414: Introduction to Classical Japanese | SPA 101: Elementary Spanish I | |
| KOR 101: First-Year Korean I | SPA 102: Elementary Spanish II | |
| KOR 102: First-Year Korean II | SPA 111: Fundamentals of Spanish | |
| | SPA 486: Chicano/a Novel: <i>Áltima Rafa y Lala</i> | |
| | UNI 110: Critical Reading and Thinking | |

Total Hours: 120
Upper Division Hours: 50 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.





2020 - 2021 Major Map







Business (Tourism), BA


School/College: W. P. Carey School of Business

Location: Tempe campus

BABUSTBA

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  WPC 101: Student Success in Business | 1 | | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement • Join a student club or organization • Create your first college resume |
| CIS 105: Computer Applications and Information Technology (CS) | 3 | C | |
| MAT 210: Brief Calculus (MA) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| SOC course (SB) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
|  Business Skills Courses: No Grades of D or E. | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31.25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| MAT 211: Mathematics for Business Analysis | 3 | C | <ul style="list-style-type: none"> • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Join the W. P. Carey mentorship programs • Explore student leadership opportunities in W. P. Carey • Research study abroad opportunities recommended for your major |
| ECN 211: Macroeconomic Principles (SB) | 3 | C | |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions | 3 | | |
| PSY course (SB) | 3 | | |
|  Complete CIS 105 with a grade of "C" or better. | | | |
|  Complete MAT 210 with a grade of "C" or better. | | | |
|  Business Skills Courses: No Grades of D or E. | | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15.25 | | |

| Term 3 31.25 - 47.50 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ACC 231: Uses of Accounting Information I | 3 | C | <ul style="list-style-type: none"> • Continuing first-year students will take WPC 248, after completing WPC 148 • New transfer students will take WPC 347 • Explore career resources • Develop your professional online presence |
| ECN 212: Microeconomic Principles (SB) | 3 | C | |
| ECN 221: Business Statistics (CS) | 3 | C | |

| | | |
|---|-------|---|
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C |
| Natural Science - Quantitative (SQ) | 4 | |
| General Studies Elective | 3 | |
| ❖ Complete ECN 211 or ECN 212 with a grade of "C" or better. | | |
| ❖ Complete MAT 211 with a grade of "C" or better. | | |
| ❖ Business Skills Courses: No Grades of D or E. | | |
| ❖ Minimum 2.00 GPA ASU Cumulative. | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 16.25 | |

- Meet with your **W. P. Carey Career Coach**
- Attend **W. P. Carey** and **ASU Career Fairs**

| Term 4 47.50 - 61.50 Credit Hours Critical course signified by ❖ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ❖ TDM 205: Introduction to Travel and Tourism (G) | 3 | C | <ul style="list-style-type: none"> • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Attend W. P. Carey and ASU career fairs • Apply for internships or create one |
| ACC 241: Uses of Accounting Information II | 3 | C | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Upper Division Elective | 1 | | |
| ❖ Complete ACC 231 with a grade of "C" or better. | | | |
| ❖ Complete ECN 221 with a grade of "C" or better. | | | |
| ❖ Business Skills Courses: No Grades of D or E. | | | |
| ❖ Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 14 | | |

| Term 5 61.50 - 76.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ Tourism Concentration Elective | 3 | C | <ul style="list-style-type: none"> • Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program. • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Meet with your W. P. Carey Career Coach • Update your resume |
| WPC 348: Junior Networking Foundations | 0.25 | C | |
| ENG 302: Business Writing (L) | 3 | | |
| FIN 300: Fundamentals of Finance | 3 | C | |
| MGT 300: Organization and Management Leadership | 3 | C | |
| Upper Division Elective | 3 | | |
| ★ Complete ACC 241 with a grade of "C" or better. | | | |
| Term hours subtotal: | 15.25 | | |

| Term 6 76.75 - 91.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ Upper Division Tourism Concentration Elective | 3 | C | <ul style="list-style-type: none"> • Complete informational interviews • Complete an in person or virtual practice interview with your W. P. Carey Career Coach |
| MKT 300: Marketing and Business Performance | 3 | C | |
| SCM 300: Global Supply Operations | 3 | C | |
| WPC 300: Problem Solving and Actionable Analytics | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 91.75 - 106.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ Upper Division Tourism Concentration Elective | 3 | C | <ul style="list-style-type: none"> • Attend W. P. Carey and ASU Career Fairs • Gather professional references • Update your resume • Meet with your academic advisor to discuss your internship course options |
| LES 305: Business Law and Ethics for Managers | 3 | C | |
| Upper Division International Business Course AND Global Awareness (G) | 3 | C | |
| Upper Division Elective OR MGT 484: Internship | 3 | | |
| General Studies Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 106.75 - 120.00 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ Complete 2 courses: Upper Division Tourism Concentration Elective | 6 | C | <ul style="list-style-type: none"> • Apply for full-time career opportunities |
| WPC 448: Senior Career Transition Management | 0.25 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective | 4 | | |
| Term hours subtotal: | 13.25 | | |

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.

Hide Course List(s)/Track Group(s)

| Tourism Concentration Electives - select five courses (15 credit hours) | Upper Division International Business Course - select one course (3 credit hours) | General Studies Electives |
|---|---|--|
| PRM 145: Special Events Management | AGB 302: International Management and Agribusiness (G) | ASL 101: American Sign Language I |
| TDM 225: Introduction to Resort and Hotel Management | ECN 306: Survey of International Economics (SB & G) | ASL 102: American Sign Language II |
| TDM 345: Meeting and Convention Planning | MGT 302: Principles of International Business (G) | ASL 201: American Sign Language III |
| TDM 350: Tourism Recreation and Sports Marketing | MKT 425: Global Marketing Management (G) | ASL 202: American Sign Language IV |
| TDM 372: Tourism Planning (L) | SCM 463: Global Supply Chain Management (G) | BIO 320: Fundamentals of Ecology |
| TDM 386: Convention Sales and Management | | CHI 110: Intensive Chinese I |
| TDM 415: Tourism Transportation Systems | | CHI 205: Chinese Calligraphy |
| TDM 448: Heritage and Cultural Tourism | | COM 207: Introduction to Communication Inquiry |
| TDM 458: International Tourism (G) | | COM 259: Communication in Business and the Professions |
| TDM 475: Entrepreneurial Recreation and Tourism | | COM 281: Communication Activities |
| TDM 480: Sustainable Tourism | | COM 312: Communication Conflict and Negotiation |
| TDM 483: Sports Tourism | | COM 341: Social Contexts for Performance |
| TDM 484: Internship | | COM 414: Crisis Communication |

COM 430: Leadership in Group
Communication

COM 453: Communication Training and
Development

COM 465: Intercultural Communication
Workshop

ENG 210: Introduction to Creative Writing

ENG 213: Introduction to the Study of
Language

ENG 310: Intermediate Creative Writing

ENG 314: Modern Grammar

ENG 345: Selected Authors or Issues

FAS 301: Introduction to Parenting

GCU 433: Geography of Southeast Asia

GRK 101: Elementary Ancient Greek

GRK 201: Intermediate Ancient Greek

HST 389: Japan Society and Values/Premod

JPN 110: Intensive Japanese I

IDN 101: Elementary Indonesian I

IDN 102: Elementary Indonesian II

JPN 206: Japanese Calligraphy

JPN 414: Introduction to Classical Japanese

KOR 101: First-Year Korean I

KOR 102: First-Year Korean II

General Studies Electives Continued

LAT 101: Elementary Latin

LAT 102: Elementary Latin

MAT 242: Elementary Linear Algebra

MAT 243: Discrete Mathematical Structures

MAT 310: Introduction to Geometry

MAT 342: Linear Algebra

MAT 370: Intermediate Calculus

MAT 371: Advanced Calculus I

MAT 372: Advanced Calculus II

MAT 410: Introduction to General Topology

MAT 415: Introduction to Combinatorics

MAT 416: Graph Theory

Business Skills Courses - No Grades of D or E

ACC 231: Uses of Accounting Information I
or ACC 232: Financial Accounting I or ACC
261: Honors Fundamentals of Financial
Accounting

ACC 241: Uses of Accounting Information II
or ACC 242: Managerial Accounting I or ACC
271: Honors Fundamentals of Managerial
Accounting

CIS 105: Computer Applications and
Information Technology (CS) or CIS 236:
Honors Introduction to Information Systems
(CS)

ECN 211: Macroeconomic Principles (SB) or
ECN 213: Honors Macroeconomics (SB)

ECN 212: Microeconomic Principles (SB) or
ECN 214: Honors Microeconomics (SB)

| | |
|---|--|
| MAT 442: Advanced Linear Algebra | ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS) |
| MAT 443: Introduction to Abstract Algebra | |
| MAT 444: Intermediate Abstract Algebra | MAT 210: Brief Calculus (MA) or MAT 271: Calculus with Analytic Geometry II (MA) |
| MAT 445: Theory of Numbers | |
| MAT 460: Vector Calculus | MAT 211: Mathematics for Business Analysis or MAT 270: Calculus with Analytic Geometry I (MA) |
| MAT 461: Applied Complex Analysis | |
| MAT 462: Applied Partial Differential Equations | MAT 211: Mathematics for Business Analysis or MAT 271: Calculus with Analytic Geometry II (MA) |
| MAT 472: Intermediate Real Analysis I | |
| MAT 475: Differential Equations | |
| MAT 485: History of Mathematics | |
| POR 101: Elementary Portuguese I | |
| POR 102: Elementary Portuguese II | |
| ROM 101: Elementary Romanian | |
| ROM 201: Intermediate Romanian | |
| ROM 313: Romanian Composition and Conversation | |
| ROM 314: Romanian Composition and Conversation | |
| RUS 101: Elementary Russian I | |
| RUS 102: Elementary Russian II | |
| SPA 101: Elementary Spanish I | |
| SPA 102: Elementary Spanish II | |
| SPA 111: Fundamentals of Spanish | |
| SPA 486: Chicano/a Novel: Áltima Rafa y Lala | |
| UNI 110: Critical Reading and Thinking | |

Total Hours: 120

Upper Division Hours: 50 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)

- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map





Business (Tourism), BA



School/College: [W. P. Carey School of Business](#)





Location: [Online](#)

BABUSTBA

| Term 1 - A 0 - 7 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  WPC 101: Student Success in Business | 1 | | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • ASU 101 or college specific equivalent First Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement • Create your first college resume |
|  CIS 105: Computer Applications and Information Technology (CS) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  MAT 210: Brief Calculus (MA) | 3 | C | <ul style="list-style-type: none"> • View ASU Online first-year student registration information here • Mathematics Placement Assessment score determines placement in mathematics course • Join a student club or organization |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| SOC course (SB) | 3 | | |
|  Business Skills Courses: No Grades of D or E | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 9 | | |






| Term 2 - A 16 - 22.25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  MAT 211: Mathematics for Business Analysis | 3 | C | <ul style="list-style-type: none"> • Join the W. P. Carey mentorship programs • Research study abroad opportunities recommended for your major |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| Term hours subtotal: | 6.25 | | |




| Term 2 - B 22.25 - 31.25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ECN 211: Macroeconomic Principles (SB) | 3 | C | |
| COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions | 3 | | |
| PSY course (SB) | 3 | | |
|  Business Skills Courses: No Grades of D or E | | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 9 | | |




| Term 3 - A 31.25 - 40.25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  ACC 231: Uses of Accounting Information I | 3 | C | |




| | | |
|--|---|---|
| ECN 212: Microeconomic Principles (SB) | 3 | C |
| Cultural Diversity in the U.S. (C) | 3 | |
| Term hours subtotal: | 9 | |



- Explore [career resources](#).
- Meet with your [W. P. Carey Career Coach](#)
- Attend [W. P. Carey and ASU Career Fairs](#)

| Term 3 - B 40.25 - 46.50 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  ACC 241: Uses of Accounting Information II | 3 | C | <ul style="list-style-type: none"> • Continuing first-year students will take WPC 248, after completing WPC 148 • New transfer students will take WPC 347 • Develop your professional online presence |
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C | |
| General Studies Elective | 3 | | |
|  Complete ECN 211 AND ECN 212. | | | |
|  Business Skills Courses: No Grades of D or E | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 6.25 | | |

| Term 4 - A 46.50 - 55.50 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  TDM 205: Introduction to Travel and Tourism (G) | 3 | C | <ul style="list-style-type: none"> • Attend W. P. Carey and ASU career fairs • Apply for internships or create one |
|  ECN 221: Business Statistics (CS) | 3 | C | |
| General Studies Elective | 3 | | |
| Term hours subtotal: | 9 | | |




| Term 4 - B 55.50 - 62.50 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| Natural Science - Quantitative (SQ) | 4 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
|  Business Skills Courses: No Grades of D or E | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 7 | | |

| Term 5 - A 62.50 - 68.75 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  MKT 300: Marketing and Business Performance | 3 | C | <ul style="list-style-type: none"> • Meet with your W. P. Carey Career Coach • Update your resume |
|  SCM 300: Global Supply Operations | 3 | C | |
| WPC 348: Junior Networking Foundations | 0.25 | C | |
| Term hours subtotal: | 6.25 | | |



| Term 5 - B 68.75 - 74.75 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  MGT 300: Organization and Management Leadership | 3 | C | <ul style="list-style-type: none"> • Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program. |
| Tourism Concentration Elective | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 6 - A 74.75 - 83.75 Credit Hours | Hours | Minimum Grade | Notes |
|---------------------------------------|-------|---------------|-------|
| | | | |



| | | | |
|---|---|---|-------------------------------------|
| WPC 300: Problem Solving and Actionable Analytics | 3 | C | • Complete informational interviews |
| ENG 302: Business Writing (L) | 3 | | |
| Upper Division International Business Course AND Global Awareness (G) | 3 | C | |
| Term hours subtotal: | 9 | | |

| Term 6 - B 83.75 - 90.75 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  FIN 300: Fundamentals of Finance | 3 | C | • Complete an in person or virtual practice interview with your W. P. Carey Career Coach |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
|  Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 7 | | |

| Term 7 - A 90.75 - 99.75 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| Upper Division Tourism Concentration Elective | 3 | C | • Attend W. P. Carey and ASU Career Fairs |
| Upper Division Humanities, Arts and Design (HU) | 3 | | |
| Upper Division Elective OR WPC 484: Internship | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 7 - B 99.75 - 105.75 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  LES 305: Business Law and Ethics for Managers | 3 | C | • Gather professional references • Update your resume |
| Upper Division Tourism Concentration Elective | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 105.75 - 114.00 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| Upper Division Tourism Concentration Elective | 3 | C | • Apply for full-time career opportunities |
| WPC 448: Senior Career Transition Management | 0.25 | C | |
| Complete 2 courses: Upper Division Elective | 5 | | |
| Term hours subtotal: | 8.25 | | |

| Term 8 - B 114.00 - 120.00 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  Upper Division Tourism Concentration Elective | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.

Hide Course List(s)/Track Group(s)

General Studies Electives

| Tourism Concentration Electives - select five courses (15 credit hours) | International Business Course - select one course (3 credit hours) | BIO 320: Fundamentals of Ecology |
|---|--|--|
| TDM 225: Introduction to Resort and Hotel Management | AGB 302: International Management and Agribusiness (G) | COM 207: Introduction to Communication Inquiry |
| TDM 350: Tourism Recreation and Sports Marketing | ECN 306: Survey of International Economics (SB & G) | COM 259: Communication in Business and the Professions |
| TDM 386: Convention Sales and Management | MGT 302: Principles of International Business (G) | COM 312: Communication Conflict and Negotiation |
| TDM 458: International Tourism (G) | MKT 425: Global Marketing Management (G) | COM 414: Crisis Communication |
| TDM 475: Entrepreneurial Recreation and Tourism | SCM 463: Global Supply Chain Management (G) | COM 430: Leadership in Group Communication |
| TDM 480: Sustainable Tourism | | COM 453: Communication Training and Development |
| TDM 483: Sports Tourism | | ENG 210: Introduction to Creative Writing |
| | | ENG 310: Intermediate Creative Writing |
| | | ENG 345: Selected Authors or Issues |
| | | FAS 301: Introduction to Parenting |
| | | MAT 242: Elementary Linear Algebra |
| | | MAT 243: Discrete Mathematical Structures |
| | | POR 101: Elementary Portuguese I |
| | | ROM 101: Elementary Romanian |
| | | SPA 101: Elementary Spanish I |
| | | SPA 102: Elementary Spanish II |

Business Skills Courses - No Grades of D or E

| |
|---|
| ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting |
| ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting |
| CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS) |
| ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB) |
| ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB) |
| ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS) |
| MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA) |

MAT 211: Mathematics for Business Analysis
or MAT 271: Calculus with Analytic
Geometry II (MA)

Total Hours: 120
Upper Division Hours: 50 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
**Hrs Resident Credit for
Academic Recognition:** 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.

2020 - 2021 Major Map Business Data Analytics, BS





School/College: [W. P. Carey School of Business](#)







Location: [Tempe campus](#)


BABDABS

FT Fast Track Options: 3 Year

A student must speak with an advisor in order to be added to a fast track plan.

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  WPC 101: Student Success in Business | 1 | | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement • Join a student club or organization • Create your first college resume |
| CIS 105: Computer Applications and Information Technology (CS) | 3 | C | |
| MAT 210: Brief Calculus (MA) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| SOC course (SB) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
|  Business Skills Courses: No Grades of D or E | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31.25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ECN 211: Macroeconomic Principles (SB) | 3 | C | <ul style="list-style-type: none"> • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Join the W. P. Carey mentorship programs • Explore student leadership opportunities in W. P. Carey • Research study abroad opportunities recommended for your major |
| MAT 211: Mathematics for Business Analysis | 3 | C | |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions | 3 | | |
| PSY course (SB) | 3 | | |
|  Complete CIS 105 with a grade of "C" or better. | | | |
|  Complete MAT 210 with a grade of "C" or better. | | | |
|  Business Skills Courses: No Grades of D or E | | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15.25 | | |

| Term 3 31.25 - 47.50 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ACC 231: Uses of Accounting Information I | 3 | C | |

| | | |
|---|------|-------|
| ECN 212: Microeconomic Principles (SB) | 3 | C |
| ECN 221: Business Statistics (CS) | 3 | C |
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C |
| Natural Science - Quantitative (SQ) | 4 | |
| General Studies Elective | 3 | |
| ◆ Complete ECN 211 OR ECN 212 with a grade of "C" or better. | | |
| ◆ Complete MAT 211 with a grade of "C" or better. | | |
| ◆ Business Skills Courses: No Grades of D or E | | |
| ◆ Minimum 2.00 GPA ASU Cumulative. | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | | 16.25 |

- Continuing first-year students will take WPC 248, after completing WPC 148
- New transfer students will take WPC 347
- Explore [career resources](#)
- Develop your [professional online presence](#)
- Meet with your [W. P. Carey Career Coach](#)
- Attend [W. P. Carey](#) and [ASU Career Fairs](#)

| Term 4 47.50 - 61.50 Credit Hours Critical course signified by ◆ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ◆ CIS 235: Introduction to Information Systems | 3 | C | <ul style="list-style-type: none"> • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Attend W. P. Carey and ASU career fairs • Apply for internships or create one |
| ACC 241: Uses of Accounting Information II | 3 | C | |
| General Studies Elective | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 1 | | |
| ◆ Complete ACC 231 with a grade of "C" or better. | | | |
| ◆ Complete ECN 221 with a grade of "C" or better. | | | |
| ◆ Business Skills Courses: No Grades of D or E | | | |
| ◆ Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | | 14 | |

| Term 5 61.50 - 76.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ CIS 325: Fundamental Techniques for Business Data Analytics | 3 | C | <ul style="list-style-type: none"> • Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program. • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Meet with your W. P. Carey Career Coach • Update your resume |
| ★ CIS 365: Business Database Systems Development | 3 | C | |
| WPC 348: Junior Networking Foundations | 0.25 | C | |
| MKT 300: Marketing and Business Performance | 3 | C | |
| SCM 300: Global Supply Operations | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| ★ Complete ACC 241 with a grade of "C" or better. | | | |
| Term hours subtotal: | | 15.25 | |

| Term 6 76.75 - 91.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ CIS 315: Introduction to Business Data Analytics | 3 | C | <ul style="list-style-type: none"> • Complete informational interviews • Complete an in person or virtual practice interview with your W. P. Carey Career Coach |
| ★ CIS 355: Business Data Warehouses and Dimensional Modeling | 3 | C | |
| ★ Upper Division International Business Course AND Global Awareness (G) | 3 | C | |
| WPC 300: Problem Solving and Actionable Analytics | 3 | C | |
| ENG 302: Business Writing (L) | 3 | | |

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal: 15

| ★ Term 7 91.75 - 106.75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ CIS 375: Business Data Mining | 3 | C | <ul style="list-style-type: none"> All upper-division Business Core classes (including International Business course) must be completed before enrolling in WPC 480 Attend W. P. Carey and ASU Career Fairs Gather professional references Update your resume |
| ★ CIS 415: Big Data Analytics in Business | 3 | C | |
| FIN 300: Fundamentals of Finance | 3 | C | |
| MGT 300: Organization and Management Leadership | 3 | C | |
| LES 305: Business Law and Ethics for Managers | 3 | C | |
| Term hours subtotal: | 15 | | |

| ★ Term 8 106.75 - 120.00 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ CIS 450: Enterprise Analytics | 3 | C | <ul style="list-style-type: none"> Apply for full-time career opportunities |
| ★ WPC 480: W. P. Carey Capstone Course (L) | 3 | C | |
| WPC 448: Senior Career Transition Management | 0.25 | C | |
| General Studies Elective | 4 | | |
| Elective OR CIS 484: Internship OR WPC 484: Internships & Applied Academics | 3 | | |
| Term hours subtotal: | 13.25 | | |

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.

Hide Course List(s)/Track Group(s)

| Upper Division International Business Course-select one course (3 credit hours) | General Studies Electives | General Studies Electives Continued |
|---|--|---|
| AGB 302: International Management and Agribusiness (G) | ASL 101: American Sign Language I | LAT 101: Elementary Latin |
| ECN 306: Survey of International Economics (SB & G) | ASL 102: American Sign Language II | LAT 102: Elementary Latin |
| MGT 302: Principles of International Business (G) | ASL 201: American Sign Language III | MAT 242: Elementary Linear Algebra |
| MKT 425: Global Marketing Management (G) | ASL 202: American Sign Language IV | MAT 243: Discrete Mathematical Structures |
| SCM 463: Global Supply Chain Management (G) | BIO 320: Fundamentals of Ecology | MAT 310: Introduction to Geometry |
| | CHI 110: Intensive Chinese I | MAT 342: Linear Algebra |
| | CHI 205: Chinese Calligraphy | MAT 370: Intermediate Calculus |
| | COM 207: Introduction to Communication Inquiry | MAT 371: Advanced Calculus I |
| | COM 259: Communication in Business and the Professions | MAT 372: Advanced Calculus II |
| | COM 281: Communication Activities | MAT 410: Introduction to General Topology |
| | | MAT 415: Introduction to Combinatorics |
| | | MAT 416: Graph Theory |

| | |
|---|---|
| COM 312: Communication Conflict and Negotiation | MAT 442: Advanced Linear Algebra |
| COM 341: Social Contexts for Performance | MAT 443: Introduction to Abstract Algebra |
| COM 414: Crisis Communication | MAT 444: Intermediate Abstract Algebra |
| COM 430: Leadership in Group Communication | MAT 445: Theory of Numbers |
| COM 453: Communication Training and Development | MAT 460: Vector Calculus |
| COM 465: Intercultural Communication Workshop | MAT 461: Applied Complex Analysis |
| ENG 210: Introduction to Creative Writing | MAT 462: Applied Partial Differential Equations |
| ENG 213: Introduction to the Study of Language | MAT 472: Intermediate Real Analysis I |
| ENG 310: Intermediate Creative Writing | MAT 475: Differential Equations |
| ENG 314: Modern Grammar | MAT 485: History of Mathematics |
| ENG 345: Selected Authors or Issues | POR 101: Elementary Portuguese I |
| FAS 301: Introduction to Parenting | POR 102: Elementary Portuguese II |
| GCU 433: Geography of Southeast Asia | ROM 101: Elementary Romanian |
| GRK 101: Elementary Ancient Greek | ROM 201: Intermediate Romanian |
| GRK 201: Intermediate Ancient Greek | ROM 313: Romanian Composition and Conversation |
| HST 389: Japan Society and Values/Premod | ROM 314: Romanian Composition and Conversation |
| JPN 110: Intensive Japanese I | RUS 101: Elementary Russian I |
| IDN 101: Elementary Indonesian I | RUS 102: Elementary Russian II |
| IDN 102: Elementary Indonesian II | SPA 101: Elementary Spanish I |
| JPN 206: Japanese Calligraphy | SPA 102: Elementary Spanish II |
| JPN 414: Introduction to Classical Japanese | SPA 111: Fundamentals of Spanish |
| KOR 101: First-Year Korean I | SPA 486: Chicano/a Novel: <i>Áltima Rafa y Lala</i> |
| KOR 102: First-Year Korean II | UNI 110: Critical Reading and Thinking |

Business Skills Courses - No Grades of D or E

ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting

ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting

CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS)

ECN 211: Macroeconomic Principles (SB) or
ECN 213: Honors Macroeconomics (SB)

ECN 212: Microeconomic Principles (SB) or
ECN 214: Honors Microeconomics (SB)

ECN 221: Business Statistics (CS) or ECN
231: Honors Business Statistics (CS)

MAT 210: Brief Calculus (MA) or MAT 270:
Calculus with Analytic Geometry I (MA)

MAT 211: Mathematics for Business Analysis
or MAT 271: Calculus with Analytic
Geometry II (MA)

Total Hours: 120

Upper Division Hours: 50 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map





Business Data Analytics, BS



School/College: [W. P. Carey School of Business](#)





Location: [Online](#)

BABDABS

| Term 1 - A 0 - 7 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  WPC 101: Student Success in Business | 1 | | <ul style="list-style-type: none"> An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses ASU 101 or college specific equivalent First Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement Create your first college resume |
|  CIS 105: Computer Applications and Information Technology (CS) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  MAT 210: Brief Calculus (MA) | 3 | C | <ul style="list-style-type: none"> View ASU Online first-year student registration information here Mathematics Placement Assessment score determines placement in mathematics course Join a student club or organization |
| SOC course (SB) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
|  Business Skills Courses: No Grades of D or E. | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 9 | | |






| Term 2 - A 16 - 22.25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  MAT 211: Mathematics for Business Analysis | 3 | C | <ul style="list-style-type: none"> Join the W. P. Carey mentorship programs Research study abroad opportunities recommended for your major |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 6.25 | | |



| Term 2 - B 22.25 - 31.25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ECN 211: Macroeconomic Principles (SB) | 3 | C | |
| COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions | 3 | | |
| PSY course (SB) | 3 | | |
|  Business Skills Courses: No Grades of D or E. | | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 9 | | |




| Term 3 - A 31.25 - 40.25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  ACC 231: Uses of Accounting Information I | 3 | C | |



| | | |
|--|---|---|
| ECN 212: Microeconomic Principles (SB) | 3 | C |
| General Studies Elective | 3 | |
| Term hours subtotal: | 9 | |




- Explore [career resources](#).
- Meet with your [W. P. Carey Career Coach](#)
- Attend [W. P. Carey and ASU Career Fairs](#)

| Term 3 - B 40.25 - 46.50 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  ACC 241: Uses of Accounting Information II | 3 | C | <ul style="list-style-type: none"> • Continuing first-year students will take WPC 248, after completing WPC 148 • New transfer students will take WPC 347 • Develop your professional online presence |
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C | |
| General Studies Elective | 3 | | |
|  Complete ECN 211 AND ECN 212. | | | |
|  Business Skills Courses: No Grades of D or E. | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 6.25 | | |

| Term 4 - A 46.50 - 53.50 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  ECN 221: Business Statistics (CS) | 3 | C | <ul style="list-style-type: none"> • Attend W. P. Carey and ASU career fairs • Apply for internships or create one |
| Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 4 - B 53.50 - 61.50 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| General Studies Elective | 4 | | |
|  Business Skills Courses: No Grades of D or E. | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 8 | | |

| Term 5 - A 61.50 - 67.75 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  CIS 235: Introduction to Information Systems | 3 | C | <ul style="list-style-type: none"> • Meet with your W. P. Carey Career Coach • Update your resume |
| MKT 300: Marketing and Business Performance | 3 | C | |
| WPC 348: Junior Networking Foundations | 0.25 | C | |
| Term hours subtotal: | 6.25 | | |

| Term 5 - B 67.75 - 76.75 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  CIS 325: Fundamental Techniques for Business Data Analytics | 3 | C | <ul style="list-style-type: none"> • Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program. |
|  CIS 365: Business Database Systems Development | 3 | C | |
| ENG 302: Business Writing (L) | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 6 - A 76.75 - 85.75 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | | |
|--|---|---|-------------------------------------|
| ★ CIS 315: Introduction to Business Data Analytics | 3 | C | • Complete informational interviews |
| ★ CIS 355: Business Data Warehouses and Dimensional Modeling | 3 | C | |
| SCM 300: Global Supply Operations | 3 | C | |
| Term hours subtotal: | 9 | | |

| ★ Term 6 - B 85.75 - 91.75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ CIS 375: Business Data Mining | 3 | C | • Complete an in person or virtual practice interview with your W. P. Carey Career Coach |
| Upper Division International Business Elective AND Global Awareness (G) | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 6 | | |

| ★ Term 7 - A 91.75 - 98.75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ CIS 415: Big Data Analytics in Business | 3 | C | • All upper-division Business Core classes (including International Business course) must be completed before enrolling in WPC 480 • Attend W. P. Carey and ASU Career Fairs |
| FIN 300: Fundamentals of Finance | 3 | C | |
| Elective | 1 | | |
| Term hours subtotal: | 7 | | |

| ★ Term 7 - B 98.75 - 107.75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ CIS 450: Enterprise Analytics | 3 | C | • Gather professional references • Update your resume |
| LES 305: Business Law and Ethics for Managers | 3 | C | |
| MGT 300: Organization and Management Leadership | 3 | C | |
| Term hours subtotal: | 9 | | |

| Term 8 - A 107.75 - 114.00 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| WPC 300: Problem Solving and Actionable Analytics | 3 | C | • Apply for full-time career opportunities |
| WPC 448: Senior Career Transition Management | 0.25 | C | |
| Elective OR CIS 484: Internship OR WPC 484: Internships & Applied Academics | 3 | | |
| Term hours subtotal: | 6.25 | | |

| ★ Term 8 - B 114.00 - 120.00 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ WPC 480: W. P. Carey Capstone Course (L) | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 6 | | |

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.

Hide Course List(s)/Track Group(s)

| Upper Division International Business Course- select one course (3 credit hours) | General Studies Electives | Business Skills Courses - No Grades of D or E |
|---|--|---|
| AGB 302: International Management and Agribusiness (G) | BIO 320: Fundamentals of Ecology | ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting |
| ECN 306: Survey of International Economics (SB & G) | COM 207: Introduction to Communication Inquiry | ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting |
| MGT 302: Principles of International Business (G) | COM 259: Communication in Business and the Professions | CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS) |
| MKT 425: Global Marketing Management (G) | COM 312: Communication Conflict and Negotiation | ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB) |
| SCM 463: Global Supply Chain Management (G) | COM 414: Crisis Communication | ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB) |
| | COM 430: Leadership in Group Communication | ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS) |
| | COM 453: Communication Training and Development | MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA) |
| | ENG 210: Introduction to Creative Writing | MAT 211: Mathematics for Business Analysis or MAT 271: Calculus with Analytic Geometry II (MA) |
| | ENG 310: Intermediate Creative Writing | |
| | ENG 345: Selected Authors or Issues | |
| | FAS 301: Introduction to Parenting | |
| | MAT 242: Elementary Linear Algebra | |
| | MAT 243: Discrete Mathematical Structures | |
| | POR 101: Elementary Portuguese I | |
| | ROM 101: Elementary Romanian | |
| | SPA 101: Elementary Spanish I | |
| | SPA 102: Elementary Spanish II | |

Total Hours: 120

Upper Division Hours: 50 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.

2020 - 2021 Major Map

Business Entrepreneurship, BS





School/College: W. P. Carey School of Business







Location: Tempe campus


BABUENTBS

FT Fast Track Options: 3 Year

A student must speak with an advisor in order to be added to a fast track plan.

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  WPC 101: Student Success in Business | 1 | | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement • Join a student club or organization • Create your first college resume |
| CIS 105: Computer Applications and Information Technology (CS) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 210: Brief Calculus (MA) | 3 | C | |
| SOC 101: Introductory Sociology (SB) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
|  Business Skills Courses: No Grades of D or E | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31.25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions | 3 | | <ul style="list-style-type: none"> • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. • PSY 101 or SOC 101 is a prerequisite to MGT 320 in term 7 • Explore student leadership opportunities and mentorship programs in W. P. Carey • Research study abroad opportunities recommended for your major |
| ECN 211: Macroeconomic Principles (SB) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 211: Mathematics for Business Analysis | 3 | C | |
| PSY 101: Introduction to Psychology (SB) | 3 | | |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
|  Business Skills Courses: No Grades of D or E | | | |
|  Complete CIS 105 with a grade of "C" or better. | | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Complete MAT 210 with a grade of "C" or better. | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15.25 | | |

| Term 3 31.25 - 47.50 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ACC 231: Uses of Accounting Information I | 3 | C | |

| | | |
|---|------|-------|
| ECN 212: Microeconomic Principles (SB) | 3 | C |
| ECN 221: Business Statistics (CS) | 3 | C |
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C |
| Natural Science - Quantitative (SQ) | 4 | |
| Elective (ENT 290 recommended) | 3 | |
| ❖ Business Skills Courses: No Grades of D or E | | |
| ❖ Complete ECN 211 or ECN 212 with a grade of "C" or better. | | |
| ❖ Complete MAT 211 with a grade of "C" or better. | | |
| ❖ Minimum 2.50 GPA ASU Cumulative. | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | | 16.25 |

- Continuing first-year students will take WPC 248, after completing WPC 148
- New transfer students will take WPC 347
- Explore [career resources](#)
- Develop your [professional online presence](#)
- Meet with your [W. P. Carey Career Coach](#)
- Attend [W. P. Carey](#) and [ASU Career Fairs](#)

| Term 4 47.50 - 61.50 Credit Hours Critical course signified by ❖ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ACC 241: Uses of Accounting Information II | 3 | C | |
| ENT 305: Principles of Entrepreneurship | 3 | C | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Upper Division Elective | 1 | | |
| ❖ Business Skills Courses: No Grades of D or E | | | |
| ❖ Complete ACC 231 with a grade of "C" or better. | | | |
| ❖ Complete ECN 221 with a grade of "C" or better. | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | | 14 | |

- Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your [academic advisor](#) for more information and options.
- Apply for [internships](#) or [create one](#)
- Develop your [professional online presence](#)

| Term 5 61.50 - 76.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ ENT 360: Entrepreneurship and Value Creation | 3 | C | |
| ★ MGT 300: Organization and Management Leadership | 3 | C | |
| ENG 302: Business Writing (L) | 3 | C | |
| MKT 300: Marketing and Business Performance | 3 | C | |
| SCM 300: Global Supply Operations | 3 | C | |
| WPC 348: Junior Networking Foundations | 0.25 | C | |
| ★ Complete ACC 241 with a grade of "C" or better. | | | |
| Term hours subtotal: | | 15.25 | |

- Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.
- Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your [academic advisor](#) for more information and options.
- Meet with your [W. P. Carey Career Coach](#)
- Update your [resume](#)

| Term 6 76.75 - 91.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ Upper Division ENT Track Course | 3 | C | |
| FIN 300: Fundamentals of Finance | 3 | C | |
| MGT 302: Principles of International Business (G) OR Upper Division International Business Course AND Global Awareness (G) | 3 | C | |
| General Studies Elective | 3 | | |
| Upper Division Humanities, Arts and Design (HU) | 3 | | |

- Students choose one track option from the following: ENT Startup, ENT Finance, ENT Management, or ENT Studies. View track group below for course options.
- Complete [informational interviews](#)
- Complete an in person or virtual practice interview with your [W. P. Carey Career Coach](#)

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal: 15

| Term 7 91.75 - 106.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ MGT 320: Organizational Behavior | 3 | C | <ul style="list-style-type: none"> • Students choose one track option from the following: ENT Startup, ENT Finance, ENT Management, or ENT Studies. View track group below for course options. • All upper-division Business Core classes (including International Business course) must be completed before enrolling in WPC 480 • Attend <i>W. P. Carey</i> and <i>ASU Career Fairs</i> • Gather <i>professional references</i> • Update your <i>resume</i> • Meet with your academic advisor to discuss your internship course options |
| LES 305: Business Law and Ethics for Managers | 3 | C | |
| WPC 300: Problem Solving and Actionable Analytics | 3 | C | |
| General Studies Elective | 3 | | |
| Elective OR ENT 484: Internship OR WPC 484: Internship | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 106.75 - 120.00 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ WPC 480: W. P. Carey Capstone Course (L) | 3 | C | <ul style="list-style-type: none"> • Apply for <i>full-time career opportunities</i> • Meet with your academic advisor to discuss your internship course options |
| ★ Upper Division ENT Track Course | 3 | C | |
| WPC 448: Senior Career Transition Management | 0.25 | C | |
| Upper Division Entrepreneurship Elective | 3 | C | |
| General Studies Elective | 3 | | |
| Upper Division Elective | 1 | | |
| Term hours subtotal: | 13.25 | | |

- Students choose one track option from the following: ENT Startup, ENT Finance, ENT Management, or ENT Studies. View track group below for course options.
- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.

Hide Course List(s)/Track Group(s)

| | | |
|--|---|---|
| ENT Management Track - select two courses (6 credit hrs) | ENT Finance Track - select two courses (6 credit hrs) | ENT Start Up Track - complete two courses (6 credit hrs) |
| ENT 441: Entrepreneurial Management | ENT 446: Venture Capital Experience | ENT 446: Venture Capital Experience |
| ENT 448: Corporate Entrepreneurship | FIN 455: Entrepreneurial Finance | ENT 447: Lean Launch |
| MKT 435: Entrepreneurial Marketing | | |
| MKT 440: Creating Digital Experiences | | |
| ENT Studies Track - select two courses (6 credit hrs) | Upper Division Entrepreneurship Elective - select one course (3 credit hours) | Upper Division International Business Course - select one course (3 credit hours) |
| ENT 340: Creativity and Innovation (L or HU) | ENT 340: Creativity and Innovation (L or HU) | |

| | | |
|---|--|--|
| ENT 441: Entrepreneurial Management | ENT 441: Entrepreneurial Management | AGB 302: International Management and Agribusiness (G) |
| ENT 446: Venture Capital Experience | ENT 446: Venture Capital Experience | ECN 306: Survey of International Economics (SB & G) |
| ENT 447: Lean Launch | ENT 447: Lean Launch | MGT 302: Principles of International Business (G) |
| ENT 448: Corporate Entrepreneurship | ENT 448: Corporate Entrepreneurship | MKT 425: Global Marketing Management (G) |
| ENT 464: Collaborative Design Development I (L) | ENT 464: Collaborative Design Development I (L) | SCM 463: Global Supply Chain Management (G) |
| ENT 465: Collaborative Design Development II (L) | ENT 465: Collaborative Design Development II (L) | |
| ENT 484: Internship | ENT 484: Internship | |
| ENT 493: Honors Thesis (L) | ENT 493: Honors Thesis (L) | |
| FIN 455: Entrepreneurial Finance | FIN 455: Entrepreneurial Finance | |
| MGT 310: Collaborative Team Skills | MGT 310: Collaborative Team Skills | |
| MGT 411: Leading Organizations | MGT 411: Leading Organizations | |
| MGT 420: Human Resource Management | MGT 420: Human Resource Management | |
| MGT 430: Negotiations | MGT 430: Negotiations | |
| MGT 450: Consulting Projects (L) | MGT 450: Consulting Projects (L) | |
| MKT 435: Entrepreneurial Marketing | MKT 435: Entrepreneurial Marketing | |
| MKT 440: Creating Digital Experiences | MKT 440: Creating Digital Experiences | |
| Business Skills Courses - No Grades of D or E | General Studies Electives | General Studies Electives Continued |
| ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting | ASL 101: American Sign Language I | LAT 101: Elementary Latin |
| ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting | ASL 102: American Sign Language II | LAT 102: Elementary Latin |
| CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS) | ASL 201: American Sign Language III | MAT 242: Elementary Linear Algebra |
| ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB) | ASL 202: American Sign Language IV | MAT 243: Discrete Mathematical Structures |
| ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB) | BIO 320: Fundamentals of Ecology | MAT 310: Introduction to Geometry |
| ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS) | CHI 110: Intensive Chinese I | MAT 342: Linear Algebra |
| MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA) | CHI 205: Chinese Calligraphy | MAT 370: Intermediate Calculus |
| MAT 211: Mathematics for Business Analysis or MAT 271: Calculus with Analytic Geometry II (MA) | COM 207: Introduction to Communication Inquiry | MAT 371: Advanced Calculus I |
| | COM 259: Communication in Business and the Professions | MAT 372: Advanced Calculus II |
| | COM 281: Communication Activities | MAT 410: Introduction to General Topology |
| | COM 312: Communication Conflict and Negotiation | MAT 415: Introduction to Combinatorics |
| | COM 341: Social Contexts for Performance | MAT 416: Graph Theory |
| | COM 414: Crisis Communication | MAT 442: Advanced Linear Algebra |
| | COM 430: Leadership in Group Communication | MAT 443: Introduction to Abstract Algebra |
| | | MAT 444: Intermediate Abstract Algebra |
| | | MAT 445: Theory of Numbers |
| | | MAT 460: Vector Calculus |

| | |
|---|---|
| COM 453: Communication Training and Development | MAT 461: Applied Complex Analysis |
| COM 465: Intercultural Communication Workshop | MAT 462: Applied Partial Differential Equations |
| ENG 210: Introduction to Creative Writing | MAT 472: Intermediate Real Analysis I |
| ENG 213: Introduction to the Study of Language | MAT 475: Differential Equations |
| ENG 310: Intermediate Creative Writing | MAT 485: History of Mathematics |
| ENG 314: Modern Grammar | POR 101: Elementary Portuguese I |
| ENG 345: Selected Authors or Issues | POR 102: Elementary Portuguese II |
| FAS 301: Introduction to Parenting | ROM 101: Elementary Romanian |
| GCU 433: Geography of Southeast Asia | ROM 201: Intermediate Romanian |
| GRK 101: Elementary Ancient Greek | ROM 313: Romanian Composition and Conversation |
| GRK 201: Intermediate Ancient Greek | ROM 314: Romanian Composition and Conversation |
| HST 389: Japan Society and Values/Premod | RUS 101: Elementary Russian I |
| IDN 101: Elementary Indonesian I | RUS 102: Elementary Russian II |
| IDN 102: Elementary Indonesian II | SPA 101: Elementary Spanish I |
| JPN 110: Intensive Japanese I | SPA 102: Elementary Spanish II |
| JPN 206: Japanese Calligraphy | SPA 111: Fundamentals of Spanish |
| JPN 414: Introduction to Classical Japanese | SPA 486: Chicano/a Novel: <i>Áltime Rafa y Lala</i> |
| KOR 101: First-Year Korean I | UNI 110: Critical Reading and Thinking |
| KOR 102: First-Year Korean II | |

Total Hours: 120

Upper Division Hours: 50 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.





2020 - 2021 Major Map







Business Exploratory


School/College: W. P. Carey School of Business

Location: Tempe campus

BABUSEXP

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  WPC 101: Student Success in Business | 1 | | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement. • Complete the me3 career interest tool • Join a student club or organization • Create your first college resume |
| CIS 105: Computer Applications and Information Technology (CS) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 210: Brief Calculus (MA) | 3 | C | |
| SOC course (SB) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
|  Business Skills Courses: No Grades of D or E | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31.25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions | 3 | | <ul style="list-style-type: none"> • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Join the W. P. Carey mentorship programs • Explore student leadership opportunities in W. P. Carey • Research study abroad opportunities recommended for your major |
| ECN 211: Macroeconomic Principles (SB) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 211: Mathematics for Business Analysis | 3 | C | |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
| PSY course (SB) | 3 | | |
|  Business Skills Courses: No Grades of D or E | | | |
|  Complete CIS 105 with a grade of "C" or better. | | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Complete MAT 210 with a grade of "C" or better. | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15.25 | | |

| Term 3 31.25 - 47.50 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ACC 231: Uses of Accounting Information I | 3 | C | <ul style="list-style-type: none"> • Continuing first-year students will take WPC 248, after completing WPC 148 • New transfer students will take WPC 347 • Explore career resources • Develop your professional online presence • Meet with your W. P. Carey Career Coach |
| ECN 212: Microeconomic Principles (SB) | 3 | C | |
| ECN 221: Business Statistics (CS) | 3 | C | |
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C | |
| | | | |

| | |
|--|-------|
| Historical Awareness (H) | 3 |
| Natural Science - Quantitative (SQ) | 4 |
| ◆ Business Skills Courses: No Grades of D or E | |
| ◆ Complete ECN 211 or ECN 212 with a grade of "C" or better. | |
| ◆ Complete MAT 211 with a grade of "C" or better. | |
| ◆ Milestone: Selection of a major. | |
| ◆ Minimum 2.00 GPA ASU Cumulative. | |
| Complete Mathematics (MA) requirement. | |
| Term hours subtotal: | 16.25 |

- Attend **W. P. Carey** and **ASU** Career Fairs
- Must declare major by end of term 3

- Must declare major by the end of Term 3.
- Changes of major into this program are not allowed.

Hide Course List(s)/Track Group(s)

Business Skills Courses - No Grades of D or E

ACC 231: Uses of Accounting Information I
or ACC 232: Financial Accounting I or ACC
261: Honors Fundamentals of Financial
Accounting

ACC 241: Uses of Accounting Information II
or ACC 242: Managerial Accounting I or ACC
271: Honors Fundamentals of Managerial
Accounting

CIS 105: Computer Applications and
Information Technology (CS) or CIS 236:
Honors Introduction to Information Systems
(CS)

ECN 211: Macroeconomic Principles (SB) or
ECN 213: Honors Macroeconomics (SB)

ECN 212: Microeconomic Principles (SB) or
ECN 214: Honors Microeconomics (SB)

ECN 221: Business Statistics (CS) or ECN
231: Honors Business Statistics (CS)

MAT 210: Brief Calculus (MA) or MAT 270:
Calculus with Analytic Geometry I (MA)

MAT 211: Mathematics for Business Analysis
or MAT 271: Calculus with Analytic
Geometry II (MA)

Total Hours: 47.5
Upper Division Hours: 50 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.

2020 - 2021 Major Map

Computer Information Systems, BS





School/College: W. P. Carey School of Business







Location: Tempe campus


BACISBS

FT Fast Track Options: 3 Year

A student must speak with an advisor in order to be added to a fast track plan.

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  WPC 101: Student Success in Business | 1 | | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement • Join a student club or organization • Create your first college resume |
| CIS 105: Computer Applications and Information Technology (CS) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 210: Brief Calculus (MA) | 3 | C | |
| SOC course (SB) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
|  Business Skills Courses: No Grades of D or E | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31.25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions | 3 | | <ul style="list-style-type: none"> • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Join the W. P. Carey mentorship programs • Explore student leadership opportunities in W. P. Carey • Research study abroad opportunities recommended for your major |
| ECN 211: Macroeconomic Principles (SB) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 211: Mathematics for Business Analysis | 3 | C | |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
| PSY course (SB) | 3 | | |
|  Business Skills Courses: No Grades of D or E | | | |
|  Complete CIS 105 with a grade of "C" or better. | | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Complete MAT 210 with a grade of "C" or better. | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15.25 | | |

| Term 3 31.25 - 47.50 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ACC 231: Uses of Accounting Information I | 3 | C | |

| | | |
|---|------|-------|
| ECN 212: Microeconomic Principles (SB) | 3 | C |
| ECN 221: Business Statistics (CS) | 3 | C |
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C |
| General Studies Elective | 3 | |
| Natural Science - Quantitative (SQ) | 4 | |
| ❖ Business Skills Courses: No Grades of D or E | | |
| ❖ Complete ECN 211 OR ECN 212 with a grade of "C" or better. | | |
| ❖ Complete MAT 211 with a grade of "C" or better. | | |
| ❖ Minimum 2.00 GPA ASU Cumulative. | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | | 16.25 |

- Continuing first-year students will take WPC 248, after completing WPC 148
- New transfer students will take WPC 347
- Explore [career resources](#)
- Develop your [professional online presence](#)
- Meet with your [W. P. Carey Career Coach](#)
- Attend [W. P. Carey](#) and [ASU Career Fairs](#)

| Term 4 47.50 - 62.50 Credit Hours Critical course signified by ❖ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ❖ CIS 235: Introduction to Information Systems | 3 | C | <ul style="list-style-type: none"> • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Attend W. P. Carey and ASU career fairs • Apply for internships or create one |
| ACC 241: Uses of Accounting Information II | 3 | C | |
| General Studies Elective | 4 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 1 | | |
| ❖ Business Skills Courses: No Grades of D or E | | | |
| ❖ Complete ACC 231 with a grade of "C" or better. | | | |
| ❖ Complete ECN 221 with a grade of "C" or better. | | | |
| ❖ Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | | 15 | |

| Term 5 62.50 - 77.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ CIS 340: Business Information System Development I | 3 | C | <ul style="list-style-type: none"> • Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program. • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Meet with your W. P. Carey Career Coach • Update your resume |
| ★ CIS 365: Business Database Systems Development | 3 | C | |
| MKT 300: Marketing and Business Performance | 3 | C | |
| SCM 300: Global Supply Operations | 3 | C | |
| WPC 348: Junior Networking Foundations | 0.25 | C | |
| Upper Division Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| ★ Complete ACC 241 with a grade of "C" or better. | | | |
| Term hours subtotal: | | 15.25 | |

| Term 6 77.75 - 92.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ CIS 345: Business Information System Development II | 3 | C | <ul style="list-style-type: none"> • Complete informational interviews • Complete an in person or virtual practice interview with your W. P. Carey Career Coach |
| ★ CIS 425: Web Technologies for the Enterprise | 3 | C | |
| ENG 302: Business Writing (L) | 3 | | |
| WPC 300: Problem Solving and Actionable Analytics | 3 | C | |
| Upper Division International Business Course AND Global Awareness (G) | 3 | C | |

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal: 15

| ★ Term 7 92.75 - 107.75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ CIS 401: Managing Cyber Risks in Enterprise Business Processes | 3 | C | <ul style="list-style-type: none"> All upper-division Business Core classes (including International Business course) must be completed before enrolling in WPC 480 Attend W. P. Carey and ASU Career Fairs Gather professional references Update your resume |
| ★ CIS 430: Mobile Platforms for Business | 3 | C | |
| FIN 300: Fundamentals of Finance | 3 | C | |
| LES 305: Business Law and Ethics for Managers | 3 | C | |
| MGT 300: Organization and Management Leadership | 3 | C | |
| Term hours subtotal: | 15 | | |

| ★ Term 8 107.75 - 120.00 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ CIS 440: Capstone in Information Systems (L) | 3 | C | <ul style="list-style-type: none"> Apply for full-time career opportunities |
| ★ WPC 480: W. P. Carey Capstone Course (L) | 3 | C | |
| WPC 448: Senior Career Transition Management | 0.25 | C | |
| General Studies Elective | 3 | | |
| Elective OR CIS 484: Internship OR WPC 484: Internships & Applied Academics | 3 | | |
| Term hours subtotal: | 12.25 | | |

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.

Hide Course List(s)/Track Group(s)

| Upper Division International Business Course-select one course (3 credit hours) | General Studies Electives | General Studies Electives Continued |
|---|--|---|
| AGB 302: International Management and Agribusiness (G) | ASL 101: American Sign Language I | LAT 101: Elementary Latin |
| ECN 306: Survey of International Economics (SB & G) | ASL 102: American Sign Language II | LAT 102: Elementary Latin |
| MGT 302: Principles of International Business (G) | ASL 201: American Sign Language III | MAT 242: Elementary Linear Algebra |
| MKT 425: Global Marketing Management (G) | ASL 202: American Sign Language IV | MAT 243: Discrete Mathematical Structures |
| SCM 463: Global Supply Chain Management (G) | BIO 320: Fundamentals of Ecology | MAT 310: Introduction to Geometry |
| | CHI 110: Intensive Chinese I | MAT 342: Linear Algebra |
| | CHI 205: Chinese Calligraphy | MAT 370: Intermediate Calculus |
| | COM 207: Introduction to Communication Inquiry | MAT 371: Advanced Calculus I |
| | COM 259: Communication in Business and the Professions | MAT 372: Advanced Calculus II |
| | COM 281: Communication Activities | MAT 410: Introduction to General Topology |
| | | MAT 415: Introduction to Combinatorics |
| | | MAT 416: Graph Theory |

| | |
|---|---|
| COM 312: Communication Conflict and Negotiation | MAT 442: Advanced Linear Algebra |
| COM 341: Social Contexts for Performance | MAT 443: Introduction to Abstract Algebra |
| COM 414: Crisis Communication | MAT 444: Intermediate Abstract Algebra |
| COM 430: Leadership in Group Communication | MAT 445: Theory of Numbers |
| COM 453: Communication Training and Development | MAT 460: Vector Calculus |
| COM 465: Intercultural Communication Workshop | MAT 461: Applied Complex Analysis |
| ENG 210: Introduction to Creative Writing | MAT 462: Applied Partial Differential Equations |
| ENG 213: Introduction to the Study of Language | MAT 472: Intermediate Real Analysis I |
| ENG 310: Intermediate Creative Writing | MAT 475: Differential Equations |
| ENG 314: Modern Grammar | MAT 485: History of Mathematics |
| ENG 345: Selected Authors or Issues | POR 101: Elementary Portuguese I |
| FAS 301: Introduction to Parenting | POR 102: Elementary Portuguese II |
| GCU 433: Geography of Southeast Asia | ROM 101: Elementary Romanian |
| GRK 101: Elementary Ancient Greek | ROM 201: Intermediate Romanian |
| GRK 201: Intermediate Ancient Greek | ROM 313: Romanian Composition and Conversation |
| HST 389: Japan Society and Values/Premod | ROM 314: Romanian Composition and Conversation |
| IDN 101: Elementary Indonesian I | RUS 101: Elementary Russian I |
| IDN 102: Elementary Indonesian II | RUS 102: Elementary Russian II |
| JPN 110: Intensive Japanese I | SPA 101: Elementary Spanish I |
| JPN 206: Japanese Calligraphy | SPA 102: Elementary Spanish II |
| JPN 414: Introduction to Classical Japanese | SPA 111: Fundamentals of Spanish |
| KOR 101: First-Year Korean I | SPA 486: Chicano/a Novel: <i>Áltima Rafa y Lala</i> |
| KOR 102: First-Year Korean II | UNI 110: Critical Reading and Thinking |

Business Skills Courses - No Grades of D or E

ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting

ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting

CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS)

ECN 211: Macroeconomic Principles (SB) or
ECN 213: Honors Macroeconomics (SB)

ECN 212: Microeconomic Principles (SB) or
ECN 214: Honors Microeconomics (SB)

ECN 221: Business Statistics (CS) or ECN
231: Honors Business Statistics (CS)

MAT 210: Brief Calculus (MA) or MAT 270:
Calculus with Analytic Geometry I (MA)

MAT 211: Mathematics for Business Analysis
or MAT 271: Calculus with Analytic
Geometry II (MA)

Total Hours: 120

Upper Division Hours: 50 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map





Computer Information Systems, BS



School/College: W. P. Carey School of Business





Location: Online

BACISBS

| Term 1 - A 0 - 7 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  CIS 105: Computer Applications and Information Technology (CS) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement • Create your first college resume |
|  WPC 101: Student Success in Business | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  MAT 210: Brief Calculus (MA) | 3 | C | <ul style="list-style-type: none"> • View ASU Online first-year student registration information here. • Mathematics Placement Assessment score determines placement in mathematics course • Join a student club or organization |
| SOC course (SB) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
|  Business Skills Courses: No Grades of D or E | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 9 | | |






| Term 2 - A 16 - 22.25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  MAT 211: Mathematics for Business Analysis | 3 | C | <ul style="list-style-type: none"> • Join the W. P. Carey mentorship programs • Research study abroad opportunities recommended for your major |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
| Term hours subtotal: | 6.25 | | |



| Term 2 - B 22.25 - 31.25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions | 3 | | |
| ECN 211: Macroeconomic Principles (SB) | 3 | C | |
| PSY course (SB) | 3 | | |
|  Business Skills Courses: No Grades of D or E | | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 9 | | |




| Term 3 - A 31.25 - 40.25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  ACC 231: Uses of Accounting Information I | 3 | C | |



| | | |
|--|---|---|
| ECN 212: Microeconomic Principles (SB) | 3 | C |
| General Studies Elective | 3 | |
| Term hours subtotal: | 9 | |



- Explore **career resources**.
- Meet with your **W. P. Carey Career Coach**



| Term 3 - B 40.25 - 46.50 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  ACC 241: Uses of Accounting Information II | 3 | C | <ul style="list-style-type: none"> • Explore career resources. • Meet with your W. P. Carey Career Coach • Attend W. P. Carey and ASU Career Fairs |
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C | |
| General Studies Elective | 3 | | |
|  Business Skills Courses: No Grades of D or E | | | |
|  Complete ECN 211 AND ECN 212. | | | |
|  Minimum 2.00 GPA ASU Cumulative. Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 6.25 | | |

| Term 4 - A 46.50 - 53.50 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  ECN 221: Business Statistics (CS) | 3 | C | <ul style="list-style-type: none"> • Attend W. P. Carey and ASU career fairs • Apply for internships or create one |
| Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 4 - B 53.50 - 61.50 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| General Studies Elective | 4 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
|  Business Skills Courses: No Grades of D or E | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 8 | | |

| Term 5 - A 61.50 - 67.75 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  CIS 235: Introduction to Information Systems | 3 | C | <ul style="list-style-type: none"> • Meet with your W. P. Carey Career Coach • Update your resume |
| MKT 300: Marketing and Business Performance | 3 | C | |
| WPC 348: Junior Networking Foundations | 0.25 | C | |
| Term hours subtotal: | 6.25 | | |

| Term 5 - B 67.75 - 76.75 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  CIS 340: Business Information System Development I | 3 | C | <ul style="list-style-type: none"> • Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program. |
| MGT 300: Organization and Management Leadership | 3 | C | |
| SCM 300: Global Supply Operations | 3 | C | |
| Term hours subtotal: | 9 | | |

| Term 6 - A 76.75 - 82.75 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  CIS 365: Business Database Systems Development | 3 | C | <ul style="list-style-type: none"> • Complete informational interviews |
| WPC 300: Problem Solving and Actionable Analytics | 3 | C | |

Term hours subtotal: 6

| Term 6 - B 82.75 - 91.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ CIS 345: Business Information System Development II | 3 | C | <ul style="list-style-type: none"> • Complete an in person or virtual practice interview with your W. P. Carey Career Coach |
| FIN 300: Fundamentals of Finance | 3 | C | |
| Upper Division International Business Elective AND Global Awareness (G) | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | | 9 | |

| Term 7 - A 91.75 - 98.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ CIS 425: Web Technologies for the Enterprise | 3 | C | <ul style="list-style-type: none"> • All upper-division Business Core classes (including an International Business course) must be completed before enrolling in WPC 480 • Attend W. P. Carey and ASU Career Fairs |
| ENG 302: Business Writing (L) | 3 | | |
| Elective | 1 | | |
| Term hours subtotal: | | 7 | |

| Term 7 - B 98.75 - 107.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ CIS 401: Managing Cyber Risks in Enterprise Business Processes | 3 | C | <ul style="list-style-type: none"> • Gather professional references • Update your resume |
| ★ CIS 430: Mobile Platforms for Business | 3 | C | |
| LES 305: Business Law and Ethics for Managers | 3 | C | |
| Term hours subtotal: | | 9 | |

| Term 8 - A 107.75 - 114.00 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ CIS 440: Capstone in Information Systems (L) | 3 | C | <ul style="list-style-type: none"> • Apply for full-time career opportunities |
| WPC 448: Senior Career Transition Management | 0.25 | C | |
| Elective OR WPC 484: Internships & Applied Academics | 3 | | |
| Term hours subtotal: | | 6.25 | |

| Term 8 - B 114.00 - 120.00 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ WPC 480: W. P. Carey Capstone Course (L) | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | | 6 | |

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.

Hide Course List(s)/Track Group(s)

| | | |
|---|---|--|
| Upper Division International Business Course- select one course (3 credit hours) | BIO 320: Fundamentals of Ecology | ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting |
| AGB 302: International Management and Agribusiness (G) | COM 207: Introduction to Communication Inquiry | ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting |
| ECN 306: Survey of International Economics (SB & G) | COM 259: Communication in Business and the Professions | CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS) |
| MGT 302: Principles of International Business (G) | COM 312: Communication Conflict and Negotiation | ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB) |
| MKT 425: Global Marketing Management (G) | COM 414: Crisis Communication | ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB) |
| SCM 463: Global Supply Chain Management (G) | COM 430: Leadership in Group Communication | ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS) |
| | COM 453: Communication Training and Development | MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA) |
| | ENG 210: Introduction to Creative Writing | MAT 211: Mathematics for Business Analysis or MAT 271: Calculus with Analytic Geometry II (MA) |
| | ENG 310: Intermediate Creative Writing | |
| | ENG 345: Selected Authors or Issues | |
| | FAS 301: Introduction to Parenting | |
| | MAT 242: Elementary Linear Algebra | |
| | MAT 243: Discrete Mathematical Structures | |
| | POR 101: Elementary Portuguese I | |
| | ROM 101: Elementary Romanian | |
| | SPA 101: Elementary Spanish I | |
| | SPA 102: Elementary Spanish II | |

Total Hours: 120

Upper Division Hours: 50 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.

2020 - 2021 Major Map

Economics, BS





School/College: [W. P. Carey School of Business](#)







Location: [Tempe campus](#)


BAECNBS

FT Fast Track Options: 3 Year

A student must speak with an advisor in order to be added to a fast track plan.

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  WPC 101: Student Success in Business | 1 | | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement • Join a student club or organization • Create your first college resume |
| CIS 105: Computer Applications and Information Technology (CS) | 3 | C | |
| MAT 210: Brief Calculus (MA) OR MAT 270: Calculus with Analytic Geometry I (MA) | 3-4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| SOC course (SB) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
|  Business Skills Courses: No Grades of D or E. | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16-17 | | |

| Term 2 16 - 31.25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------------|---------------|--|
| ECN 211: Macroeconomic Principles (SB) | 3 | C | <ul style="list-style-type: none"> • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Join the W. P. Carey mentorship programs • Explore student leadership opportunities in W. P. Carey • Research study abroad opportunities recommended for your major |
| MAT 211: Mathematics for Business Analysis OR MAT 271: Calculus with Analytic Geometry II (MA) | 3-4 | C | |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions | 3 | | |
| PSY course (SB) | 3 | | |
|  Complete CIS 105 with a grade of "C" or better. | | | |
|  Complete MAT 210 OR MAT 270 with a grade of "C" or better. | | | |
|  Business Skills Courses: No Grades of D or E. | | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15.25-16.25 | | |

| Term 3 31.25 - 47.50 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ACC 231: Uses of Accounting Information I | 3 | C | |

| | | |
|---|------|-------|
| ECN 212: Microeconomic Principles (SB) | 3 | C |
| ECN 221: Business Statistics (CS) | 3 | C |
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C |
| Natural Science - Quantitative (SQ) | 4 | |
| General Studies Elective | 3 | |
| ◆ Complete ECN 211 AND ECN 212 with grades of "C" or better. | | |
| ◆ Complete MAT 211 OR MAT 271 with grade of "C" or better. | | |
| ◆ Business Skills Courses: No Grades of D or E. | | |
| ◆ Minimum 2.00 GPA ASU Cumulative. | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | | 16.25 |

- Continuing first-year students will take WPC 248, after completing WPC 148
- New transfer students will take WPC 347
- Explore [career resources](#)
- Develop your [professional online presence](#)
- Meet with your [W. P. Carey Career Coach](#)
- Attend [W. P. Carey](#) and [ASU Career Fairs](#)

| Term 4 47.50 - 62.50 Credit Hours Critical course signified by ◆ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ACC 241: Uses of Accounting Information II | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Upper Division Elective | 2 | | |
| ◆ Complete ACC 231 with a grade of "C" or better. | | | |
| ◆ Complete ECN 221 with a grade of "C" or better. | | | |
| ◆ Business Skills Courses: No Grades of D or E. | | | |
| ◆ Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | | 15 | |

- Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your [academic advisor](#) for more information and options.
- Attend [W. P. Carey](#) and [ASU career fairs](#)
- Apply for [internships](#) or [create one](#)

| Term 5 62.50 - 77.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ ECN 312: Intermediate Microeconomic Theory (SB) | 3 | C | |
| WPC 348: Junior Networking Foundations | 0.25 | C | |
| ENG 302: Business Writing (L) | 3 | | |
| FIN 300: Fundamentals of Finance | 3 | C | |
| MGT 300: Organization and Management Leadership | 3 | C | |
| General Studies Elective | 3 | | |
| ★ Complete ACC 241 with a grade of "C" or better. | | | |
| Term hours subtotal: | | 15.25 | |

- Students pursuing concurrent degrees within [W. P. Carey](#) cannot share coursework in the major. Major coursework must be unique to each degree program.
- Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your [academic advisor](#) for more information and options.
- Meet with your [W. P. Carey Career Coach](#)
- Update your [resume](#)

| Term 6 77.75 - 92.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ ECN 313: Intermediate Macroeconomic Theory (SB) | 3 | C | |
| ECN 410: Applied Regression Analysis and Forecasting OR ECN 425: Introduction to Econometrics | 3 | C | |
| MKT 300: Marketing and Business Performance | 3 | C | |
| SCM 300: Global Supply Operations | 3 | C | |
| WPC 300: Problem Solving and Actionable Analytics | 3 | C | |

- 3 credit hours maximum of ECN 484 is allowed
- Complete [informational interviews](#)
- Complete an in person or virtual practice interview with your [W. P. Carey Career Coach](#)

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal: 15

| Term 7 92.75 - 107.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ECN 306: Survey of International Economics (SB & G) OR ECN 360: Economic Development (SB & G) OR ECN 436: International Trade Theory (SB & G) OR ECN 438: International Monetary Economics (SB & G) | 3 | C | <ul style="list-style-type: none"> • 3 credit hours maximum of ECN 484 is allowed. • All upper-division Business Core classes, including ECN 306, ECN 360, ECN 436, or ECN 438 (international business course), must be completed before enrolling in WPC 480 • Attend W. P. Carey and ASU Career Fairs • Gather professional references • Update your resume |
| Upper Division Economics Elective | 3 | C | |
| LES 305: Business Law and Ethics for Managers | 3 | C | |
| ECN 4** Elective | 3 | C | |
| Elective OR ECN 484: Internship OR WPC 484: Internship | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 107.75 - 120.00 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ ECN 475: Capstone in Economics (L) | 3 | C | <ul style="list-style-type: none"> • Apply for full-time career opportunities • Meet with your academic advisor to discuss your internship course options |
| ★ WPC 480: W. P. Carey Capstone Course (L) | 3 | C | |
| WPC 448: Senior Career Transition Management | 0.25 | C | |
| ECN 4** Elective | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 12.25 | | |

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.

Hide Course List(s)/Track Group(s)

| Economics Electives | General Studies Electives | General Studies Electives Continued |
|--|--|---|
| ECN 306: Survey of International Economics (SB & G) | ASL 101: American Sign Language I | LAT 101: Elementary Latin |
| ECN 315: Money & Banking | ASL 102: American Sign Language II | LAT 102: Elementary Latin |
| ECN 331: Economics of the European Economic Union (SB & G) | ASL 201: American Sign Language III | MAT 242: Elementary Linear Algebra |
| ECN 335: South Asia and the World Economy (SB & G) | ASL 202: American Sign Language IV | MAT 243: Discrete Mathematical Structures |
| ECN 342: Sports Economics | BIO 320: Fundamentals of Ecology | MAT 310: Introduction to Geometry |
| ECN 345: Survey of Environmental and Resource Economics | CHI 110: Intensive Chinese I | MAT 342: Linear Algebra |
| ECN 355: Economics of Healthcare | CHI 205: Chinese Calligraphy | MAT 370: Intermediate Calculus |
| ECN 360: Economic Development (SB & G) | COM 207: Introduction to Communication Inquiry | MAT 371: Advanced Calculus I |
| | COM 259: Communication in Business and the Professions | MAT 372: Advanced Calculus II |
| | COM 281: Communication Activities | MAT 410: Introduction to General Topology |
| | | MAT 415: Introduction to Combinatorics |

| | | |
|--|---|---|
| ECN 365: Economics of Russia and Eastern Europe (SB & G) | COM 312: Communication Conflict and Negotiation | MAT 416: Graph Theory |
| ECN 394: Special Topics or ECN 494: Special Topics | COM 341: Social Contexts for Performance | MAT 442: Advanced Linear Algebra |
| ECN 411: Current Analysis of the U.S. Economy | COM 414: Crisis Communication | MAT 443: Introduction to Abstract Algebra |
| ECN 416: Game Theory and Economic Behavior | COM 430: Leadership in Group Communication | MAT 444: Intermediate Abstract Algebra |
| ECN 421: Labor Economics (SB) | COM 453: Communication Training and Development | MAT 445: Theory of Numbers |
| ECN 423: Economics of Education | COM 465: Intercultural Communication Workshop | MAT 460: Vector Calculus |
| ECN 436: International Trade Theory (SB & G) | ENG 210: Introduction to Creative Writing | MAT 461: Applied Complex Analysis |
| ECN 438: International Monetary Economics (SB & G) | ENG 213: Introduction to the Study of Language | MAT 462: Applied Partial Differential Equations |
| ECN 441: Public Economics (SB) | ENG 310: Intermediate Creative Writing | MAT 462: Applied Partial Differential Equations |
| ECN 445: Environmental Economics | ENG 314: Modern Grammar | MAT 472: Intermediate Real Analysis I |
| ECN 453: Industrial Organization and Competition Policy | ENG 345: Selected Authors or Issues | MAT 475: Differential Equations |
| ECN 455: Health Economics | FAS 301: Introduction to Parenting | MAT 485: History of Mathematics |
| ECN 470: Mathematical Economics | GCU 433: Geography of Southeast Asia | POR 101: Elementary Portuguese I |
| ECN 484: Internship | GRK 101: Elementary Ancient Greek | POR 102: Elementary Portuguese II |
| ECN 493: Honors Thesis (L) | GRK 201: Intermediate Ancient Greek | ROM 101: Elementary Romanian |
| | HST 389: Japan Society and Values/Premod | ROM 201: Intermediate Romanian |
| | JPN 110: Intensive Japanese I | ROM 313: Romanian Composition and Conversation |
| | IDN 101: Elementary Indonesian I | ROM 314: Romanian Composition and Conversation |
| | IDN 102: Elementary Indonesian II | RUS 101: Elementary Russian I |
| | JPN 206: Japanese Calligraphy | RUS 102: Elementary Russian II |
| | JPN 414: Introduction to Classical Japanese | SPA 101: Elementary Spanish I |
| | KOR 101: First-Year Korean I | SPA 102: Elementary Spanish II |
| | KOR 102: First-Year Korean II | SPA 111: Fundamentals of Spanish |
| | | SPA 486: Chicano/a Novel: <i>Áltima Raza y Lala</i> |
| | | UNI 110: Critical Reading and Thinking |

Business Skills Courses - No Grades of D or E

ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting

ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting

CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS)

ECN 211: Macroeconomic Principles (SB) or
ECN 213: Honors Macroeconomics (SB)

ECN 212: Microeconomic Principles (SB) or
ECN 214: Honors Microeconomics (SB)

ECN 221: Business Statistics (CS) or ECN
231: Honors Business Statistics (CS)

MAT 210: Brief Calculus (MA) or MAT 270:
Calculus with Analytic Geometry I (MA)

MAT 211: Mathematics for Business Analysis
or MAT 271: Calculus with Analytic
Geometry II (MA)

Total Hours: 120

Upper Division Hours: 50 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.

2020 - 2021 Major Map

Economics, BS

School/College: W. P. Carey School of Business

Location:
BAECNBS

and






Engineering







Management,

BSE

Ira A. Fulton Schools of Engineering
ESEMGBSE






In order to complete this concurrent degree in four years, you must take courses during the summer. This may impact your financial aid. Financial aid is available to those who apply and qualify, and students may receive funds to help cover costs for each semester of enrollment. The amount of financial aid that a student is eligible for varies depending on prior education experience and other individual factors. [Learn more](#) about summer financial aid and additional ways to cover summer costs.







| Term 1 0 - 15 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  CSE 110: Principles of Programming (CS) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. ASU 101-IEE or WPC 101 meets this requirement. • Students taking CHM 113 for the Basic Science Elective need to earn a "C" minimum grade and complete CHM 116 for the degree. |
|  MAT 265: Calculus for Engineers I (MA) | 3 | C | |
| ASU 101-IEE: The ASU Experience OR WPC 101: Student Success in Business | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| FSE 100: Introduction to Engineering | 2 | C | |
| Basic Science Elective | 3-4 | | |
|  Business Skills Courses: No Grades of D or E | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15-16 | | |

| Term 2 15 - 31.25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  CSE 205: Object-Oriented Programming and Data Structures (CS) | 3 | C | <ul style="list-style-type: none"> • Join a student club or organization • Create your first college resume • Research study abroad opportunities recommended for your major |
|  MAT 266: Calculus for Engineers II (MA) | 3 | C | |
| COM 263: Elements of Intercultural Communication (SB & C & G) | 3 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| PHY 121: University Physics I: Mechanics (SQ) | 3 | C | |
| PHY 122: University Physics Laboratory I (SQ) | 1 | C | |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
|  Business Skills Courses: No Grades of D or E | | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16.25 | | |

| Summer 2 Session 1 31.25 - 37.25 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ECN 211: Macroeconomic Principles (SB) | 3 | C | |
| SOC course (SB) | 3 | | |
| Term hours subtotal: | 6 | | |

| Summer 2 Session 2 37.25 - 43.25 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ECN 212: Microeconomic Principles (SB) | 3 | C | |
| PSY 101: Introduction to Psychology (SB) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 3 43.25 - 59.50 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------------|---------------|--|
|  ACC 231: Uses of Accounting Information I | 3 | C | <ul style="list-style-type: none"> • Students who took CHM 113 for the Basic Science Elective in term 1 must complete CHM 116 for the degree • Continuing first-year students will take WPC 248, after completing WPC 148 • New transfer students will take WPC 347 • Explore career resources • Meet with your Career Coaches • Develop your professional online presence |
| CHM 114: General Chemistry for Engineers (SQ) OR CHM 116: General Chemistry II (SQ) | 4 | | |
| LES 305: Business Law and Ethics for Managers | 3 | C | |
| MAT 267: Calculus for Engineers III (MA) | 3 | C | |
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C | |
| Global Engineering/Sustainability/Entrepreneurship Track Course | 3-4 | | |
|  Business Skills Courses: No Grades of D or E | | | |
|  Complete ECN 211 OR ECN 212 course(s). | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16.25-17.25 | | |

| Term 4 59.50 - 76.50 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes | |
|--|-------|---------------|--|--|
|  ACC 241: Uses of Accounting Information II | 3 | C | <ul style="list-style-type: none"> • A maximum of 3 credit hours of ECN 484 and ECN 499 can be taken. | |
|  IEE 380: Probability and Statistics for Engineering Problem Solving (CS) | 3 | C | | |
|  MAT 242: Elementary Linear Algebra | 2 | C | | |
| MAT 275: Modern Differential Equations (MA) OR PHY 131: University Physics II: Electricity and Magnetism (SQ) | 3 | C | | |
| MKT 300: Marketing and Business Performance | 3 | C | | |
| ECN Upper Division Elective | 3 | C | | |
|  Business Skills Courses: No Grades of D or E | | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | | |
| Term hours subtotal: | 17 | | | |

| Summer 4 Session 1 76.50 - 82.50 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ENG 302: Business Writing (L) | 3 | | |
| WPC 300: Problem Solving and Actionable Analytics | 3 | C | |
| Term hours subtotal: | 6 | | |

| Summer 4 Session 2 82.50 - 88.50 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|---|---|---|
| MGT 300: Organization and Management Leadership | 3 | C |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | |
| Term hours subtotal: | 6 | |

| Term 5 88.50 - 103.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ ECN 312: Intermediate Microeconomic Theory (SB) | 3 | C | <ul style="list-style-type: none"> • Attend Career Fairs • Apply for internships or create one • Complete informational interviews |
| ★ IEE 376: Operations Research Deterministic Techniques/Applications | 3 | C | |
| IEE 300: Economic Analysis for Engineers | 3 | C | |
| IEE 385: Engineering Statistics: Probability | 3 | C | |
| IEE 431: Engineering Administration (L) | 3 | C | |
| WPC 348: Junior Networking Foundations | 0.25 | C | |
| Term hours subtotal: | 15.25 | | |

| Term 6 103.75 - 120.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ ECN 313: Intermediate Macroeconomic Theory (SB) | 3 | C | |
| ★ IEE 477: System Dynamics and Thinking | 3 | C | |
| IEE 320: Extreme Excel | 1 | C | |
| IEE 321: Ethics and Technical Communication | 1 | C | |
| IEE 369: Work Analysis and Design (L) | 3 | C | |
| IEE 381: Lean Six Sigma Methodology | 3 | C | |
| IEE 458: Project Management | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 17 | | |

| Summer 6 Session 1 120.75 - 126.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ ECN 306: Survey of International Economics (SB & G) OR ECN 360: Economic Development (SB & G) OR ECN 436: International Trade Theory (SB & G) OR ECN 438: International Monetary Economics (SB & G) | 3 | C | |
| ★ SCM 300: Global Supply Operations | 3 | C | |
| Term hours subtotal: | 6 | | |

| Summer 6 Session 2 126.75 - 132.75 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| MAT 275: Modern Differential Equations (MA) OR PHY 131: University Physics II: Electricity and Magnetism (SQ) | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 7 132.75 - 150.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ ECN 410: Applied Regression Analysis and Forecasting OR ECN 425: Introduction to Econometrics | 3 | C | <ul style="list-style-type: none"> • All upper-division Business Core classes, including ECN 306, ECN 360, ECN 436, or ECN 438 (international business course), must be completed before enrolling in WPC 480. |
| ★ ECN 4** Elective | 3 | C | |
| ★ IEE 454: Risk Management | 3 | C | |
| ★ IEE 485: Systems Design Capstone I (L) | 3 | C | |

| | | |
|--|----|---|
| IEE 412: Introduction to Financial Engineering | 3 | C |
| IEE 474: Quality Control | 3 | C |
| Term hours subtotal: | 18 | |

- A maximum of 3 credit hours of ECN 484 and ECN 499 can be taken.

| ★ Term 8 150.75 - 169.00 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ ECN 475: Capstone in Economics (L) | 3 | C | <ul style="list-style-type: none"> • A maximum of 3 credit hours of ECN 484 and ECN 499 can be taken. • Apply for full-time career opportunities |
| ★ ECN 4** Elective | 3 | C | |
| ★ IEE 456: Introduction to Systems Engineering | 3 | C | |
| ★ IEE 486: Systems Design Capstone II (L) | 3 | C | |
| ★ WPC 480: W. P. Carey Capstone Course (L) | 3 | C | |
| IEE 461: Production Control | 3 | C | |
| WPC 448: Senior Career Transition Management | 0.25 | C | |
| Term hours subtotal: | 18.25 | | |

Hide Course List(s)/Track Group(s)

| Basic Science Elective - select one course (3-4 credit hours) | Global Engineering/Sustainability/Entrepreneurship Track - select one course (3-4 credit hours) | Business Skills Courses - No Grades of D or E |
|--|---|---|
| BIO 181: General Biology I (SQ) | ALA 102: Landscapes and Sustainability (HU & G) | ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting |
| BIO 182: General Biology II (SG) | CEE 181: Technological Social and Sustainable Systems (HU) | ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting |
| BIO 201: Human Anatomy and Physiology I (SG) | FSE 301: Entrepreneurship and Value Creation | CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS) |
| BIO 202: Human Anatomy and Physiology II (SG) | PUP 190: Sustainable Cities ((HU or SB) & G) or SOS 111: Sustainable Cities ((HU or SB) & G) | ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB) |
| BME 111: Engineering Perspectives on Biological Systems | SES 106: Habitable Worlds (SQ) | ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB) |
| CHM 113: General Chemistry I (SQ) | SOS 110: Sustainable World (SB) | ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS) |
| GLG 101: Introduction to Geology I (Physical) (SQ) | | MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA) |
| GLG 102: Introduction to Geology II (Historical) (SG & H) | | MAT 211: Mathematics for Business Analysis or MAT 271: Calculus with Analytic Geometry II (MA) |
| GLG 110: Dangerous World (SQ & G) | | |
| PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ) | | |

Total Hours: 169
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)

Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map





Economics, BS



School/College: [W. P. Carey School of Business](#)





Location: [Online](#)

BAECNBS

| Term 1 - A 0 - 7 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  WPC 101: Student Success in Business | 1 | | <ul style="list-style-type: none"> An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses ASU 101 or college specific equivalent First Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement Create your first college resume |
|  CIS 105: Computer Applications and Information Technology (CS) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  MAT 210: Brief Calculus (MA) | 3 | C | <ul style="list-style-type: none"> View ASU Online first-year student registration information here. Mathematics Placement Assessment score determines placement in mathematics course Join a student club or organization |
| SOC course (SB) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
|  Business Skills Courses: No Grades of D or E. | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 9 | | |





| Term 2 - A 16 - 22.25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  MAT 211: Mathematics for Business Analysis | 3 | C | <ul style="list-style-type: none"> Join the W. P. Carey mentorship programs Research study abroad opportunities recommended for your major |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 6.25 | | |



| Term 2 - B 22.25 - 31.25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ECN 211: Macroeconomic Principles (SB) | 3 | C | |
| COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions | 3 | | |
| PSY course (SB) | 3 | | |
|  Business Skills Courses: No Grades of D or E. | | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 9 | | |





| Term 3 - A 31.25 - 40.25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  ACC 231: Uses of Accounting Information I | 3 | C | |



| | | |
|--|---|---|
| ECN 212: Microeconomic Principles (SB) | 3 | C |
| General Studies Elective | 3 | |
| Term hours subtotal: | 9 | |

- Explore [career resources](#).
- Meet with your [W. P. Carey Career Coach](#)
- Attend [W. P. Carey and ASU Career Fairs](#)

| Term 3 - B 40.25 - 46.50 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  ACC 241: Uses of Accounting Information II | 3 | C | <ul style="list-style-type: none"> • Continuing first-year students will take WPC 248, after completing WPC 148 • New transfer students will take WPC 347 • Develop your professional online presence |
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C | |
| Elective | 3 | | |
|  Business Skills Courses: No Grades of D or E.  Minimum 2.00 GPA ASU Cumulative. Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 6.25 | | |

| Term 4 - A 46.50 - 53.50 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  ECN 221: Business Statistics (CS) | 3 | C | <ul style="list-style-type: none"> • Attend W. P. Carey and ASU career fairs • Apply for internships or create one |
| Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 4 - B 53.50 - 62.50 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| Cultural Diversity in the U.S. (C) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Elective | 3 | | |
|  Complete ECN 211 AND ECN 212.  Business Skills Courses: No Grades of D or E.  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 9 | | |

| Term 5 - A 62.50 - 68.75 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ECN 312: Intermediate Microeconomic Theory (SB) | 3 | C | <ul style="list-style-type: none"> • Meet with your W. P. Carey Career Coach • Update your resume |
| SCM 300: Global Supply Operations | 3 | C | |
| WPC 348: Junior Networking Foundations | 0.25 | C | |
| Term hours subtotal: | 6.25 | | |

| Term 5 - B 68.75 - 77.75 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| MGT 300: Organization and Management Leadership | 3 | C | <ul style="list-style-type: none"> • Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program. |
| MKT 300: Marketing and Business Performance | 3 | C | |
| Upper Division Economics Elective | 3 | C | |
| Term hours subtotal: | 9 | | |

| Term 6 - A 77.75 - 83.75 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ECN 410: Applied Regression Analysis and Forecasting | 3 | C | <ul style="list-style-type: none"> • Complete informational interviews |

| | | |
|---|---|---|
| WPC 300: Problem Solving and Actionable Analytics | 3 | C |
| Term hours subtotal: | 6 | |

| Term 6 - B 83.75 - 92.75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ ECN 313: Intermediate Macroeconomic Theory (SB) | 3 | C | <ul style="list-style-type: none"> Complete an in person or virtual practice interview with your W. P. Carey Career Coach |
| FIN 300: Fundamentals of Finance | 3 | C | |
| LES 305: Business Law and Ethics for Managers | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 9 | | |

| Term 7 - A 92.75 - 98.75 Credit Hours | Hours | Minimum Grade | Notes |
|---------------------------------------|-------|---------------|---|
| ECN 4** Elective | 3 | C | <ul style="list-style-type: none"> All upper-division Business Core classes, including ECN 306, ECN 360, ECN 436, or ECN 438 (international business course), must be completed before enrolling in WPC 480 Attend W. P. Carey and ASU Career Fairs |
| ENG 302: Business Writing (L) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 98.75 - 106.75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ ECN 306: Survey of International Economics (SB & G) OR ECN 360: Economic Development (SB & G) OR ECN 436: International Trade Theory (SB & G) OR ECN 438: International Monetary Economics (SB & G) | 3 | C | <ul style="list-style-type: none"> Gather professional references Update your resume |
| General Studies Elective | 3 | | |
| Upper Division Elective | 2 | | |
| Term hours subtotal: | 8 | | |

| Term 8 - A 106.75 - 114.00 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ECN 4** Elective | 3 | C | <ul style="list-style-type: none"> Apply for full-time career opportunities |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| WPC 448: Senior Career Transition Management | 0.25 | C | |
| Term hours subtotal: | 7.25 | | |

| Term 8 - B 114.00 - 120.00 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ ECN 475: Capstone in Economics (L) | 3 | C | |
| ★ WPC 480: W. P. Carey Capstone Course (L) | 3 | C | |
| Term hours subtotal: | 6 | | |

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.

| Economics Electives | General Studies Electives | Business Skills Courses - No Grades of D or E |
|---|--|---|
| ECN 306: Survey of International Economics (SB & G) | BIO 320: Fundamentals of Ecology | ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting |
| ECN 315: Money & Banking | COM 207: Introduction to Communication Inquiry | ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting |
| ECN 421: Labor Economics (SB) | COM 259: Communication in Business and the Professions | CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS) |
| ECN 438: International Monetary Economics (SB & G) | COM 312: Communication Conflict and Negotiation | ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB) |
| ECN 484: Internship | COM 414: Crisis Communication | ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB) |
| | COM 430: Leadership in Group Communication | ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS) |
| | COM 453: Communication Training and Development | MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA) |
| | ENG 210: Introduction to Creative Writing | MAT 211: Mathematics for Business Analysis or MAT 271: Calculus with Analytic Geometry II (MA) |
| | ENG 310: Intermediate Creative Writing | |
| | ENG 345: Selected Authors or Issues | |
| | FAS 301: Introduction to Parenting | |
| | MAT 242: Elementary Linear Algebra | |
| | MAT 243: Discrete Mathematical Structures | |
| | POR 101: Elementary Portuguese I | |
| | ROM 101: Elementary Romanian | |
| | SPA 101: Elementary Spanish I | |
| | SPA 102: Elementary Spanish II | |

Total Hours: 120

Upper Division Hours: 50 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.

2020 - 2021 Major Map

Finance, BS





School/College: W. P. Carey School of Business







Location: Tempe campus


BAFINBS

FT Fast Track Options: 3 Year

A student must speak with an advisor in order to be added to a fast track plan.

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  WPC 101: Student Success in Business | 1 | | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement • Join a student club or organization • Create your first college resume |
| CIS 105: Computer Applications and Information Technology (CS) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 210: Brief Calculus (MA) | 3 | C | |
| SOC course (SB) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
|  Business Skills Courses: No Grades of D or E | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31.25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions | 3 | | <ul style="list-style-type: none"> • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Join the W. P. Carey mentorship programs • Explore student leadership opportunities in W. P. Carey • Research study abroad opportunities recommended for your major |
| ECN 211: Macroeconomic Principles (SB) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 211: Mathematics for Business Analysis | 3 | C | |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
| PSY course (SB) | 3 | | |
|  Business Skills Courses: No Grades of D or E | | | |
|  Complete CIS 105 with a grade of "C" or better. | | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Complete MAT 210 with a grade of "C" or better. | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15.25 | | |

| Term 3 31.25 - 47.50 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ACC 232: Financial Accounting I | 3 | C | |

| | | |
|---|-------|---|
| ECN 212: Microeconomic Principles (SB) | 3 | C |
| ECN 221: Business Statistics (CS) | 3 | C |
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C |
| General Studies Elective | 3 | |
| Natural Science - Quantitative (SQ) | 4 | |
| ❖ Business Skills Courses: No Grades of D or E | | |
| ❖ Complete ECN 211 OR ECN 212 with a grade of "C" or better. | | |
| ❖ Complete MAT 211 with a grade of "C" or better. | | |
| ❖ Minimum 2.00 GPA ASU Cumulative. | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 16.25 | |

- Continuing first-year students will take WPC 248, after completing WPC 148
- New transfer students will take WPC 347
- Explore [career resources](#)
- Develop your [professional online presence](#)
- Meet with your [W. P. Carey Career Coach](#)
- Attend [W. P. Carey](#) and [ASU Career Fairs](#)

| Term 4 47.50 - 62.50 Credit Hours Critical course signified by ❖ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ACC 242: Managerial Accounting I | 3 | C | |
| FIN 302: Managerial Finance OR FIN 303: Honors Finance | 3 | C | |
| FIN 331: Financial Markets and Institutions | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) | 3 | | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| ❖ Business Skills Courses: No Grades of D or E | | | |
| ❖ Complete ACC 232 with a grade of "C" or better. | | | |
| ❖ Complete ECN 221 with a grade of "C" or better. | | | |
| ❖ Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

- If an Honors student takes FIN 303, which satisfies both FIN 302 and FIN 361, then the student must take an additional FIN 400-level course to satisfy the required hours in the major.
- Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your [academic advisor](#) for more information and options.
- Attend [W. P. Carey](#) and [ASU career fairs](#)
- Apply for [internships](#) or [create one](#)

| Term 5 62.50 - 77.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ ACC 340: External Reporting I | 3 | C | |
| ★ FIN 361: Advanced Managerial Finance | 3 | C | |
| ENG 302: Business Writing (L) | 3 | | |
| MKT 300: Marketing and Business Performance | 3 | C | |
| SCM 300: Global Supply Operations | 3 | C | |
| WPC 348: Junior Networking Foundations | 0.25 | C | |
| ★ Complete ACC 242 with a grade of "C" or better. | | | |
| Term hours subtotal: | 15.25 | | |

- If an Honors student takes FIN 303, which satisfies both FIN 302 and FIN 361, then the student must take an additional FIN 400-level course to satisfy the required hours in the major.
- Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.
- Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your [academic advisor](#) for more information and options
- Meet with your [W. P. Carey Career Coach](#)
- Update your [resume](#)

| Term 6 77.75 - 92.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ FIN 421: Security Analysis and Portfolio Management | 3 | C | |
| WPC 300: Problem Solving and Actionable Analytics | 3 | C | |

- If an Honors student takes FIN 303, which satisfies both FIN 302 and FIN 361, then the student must take an additional FIN

| | | |
|--|---|----|
| Upper Division International Business Course AND Global Awareness (G) | 3 | C |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | |
| Upper Division Elective | 2 | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |
| Term hours subtotal: | | 15 |

400-level course to satisfy the required hours in the major

- Complete **informational interviews**
- Complete an in person or virtual practice interview with your **W. P. Carey Career Coach**

| ★ Term 7 92.75 - 107.75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | |
|---|---|----|
| ★ Upper Division Finance Elective | 3 | C |
| LES 305: Business Law and Ethics for Managers | 3 | C |
| MGT 300: Organization and Management Leadership | 3 | C |
| General Studies Elective | 3 | |
| Elective | 3 | |
| Term hours subtotal: | | 15 |

- All upper-division Business Core classes (including International Business course) must be completed before enrolling in WPC 480
- Accountancy and Finance concurrent degree students may not use ACC 350 or ACC 440 as the Finance Upper Division Elective, and must take an additional Finance Upper Division Elective to replace ACC 340.
- Attend **W. P. Carey** and **ASU** Career Fairs
- Gather **professional references**
- Update your **resume**

| ★ Term 8 107.75 - 120.00 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|--|------|-------|
| ★ FIN 461: Financial Cases and Modeling (L) | 3 | C |
| ★ WPC 480: W. P. Carey Capstone Course (L) | 3 | C |
| WPC 448: Senior Career Transition Management | 0.25 | C |
| General Studies Elective | 3 | |
| Elective OR FIN 484: Internship OR WPC 484: Internship | 3 | |
| Term hours subtotal: | | 12.25 |

- Apply for **full-time career opportunities**
- Meet with your academic advisor to discuss your internship course options

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.

Hide Course List(s)/Track Group(s)

| | | |
|--|---|-------------------------------------|
| Upper Division Finance Elective - select one course (3 credit hours) | Upper Division International Business Course - select one course (3 credit hrs) | General Studies Electives |
| ACC 350: Internal Reporting | AGB 302: International Management and Agribusiness (G) | ASL 101: American Sign Language I |
| ACC 440: External Reporting II | ECN 306: Survey of International Economics (SB & G) | ASL 102: American Sign Language II |
| FIN 427: Derivative Financial Securities | MGT 302: Principles of International Business (G) | ASL 201: American Sign Language III |
| FIN 431: Management of Financial Institutions | MKT 425: Global Marketing Management (G) | ASL 202: American Sign Language IV |
| FIN 455: Entrepreneurial Finance | | BIO 320: Fundamentals of Ecology |
| | | CHI 110: Intensive Chinese I |
| | | CHI 205: Chinese Calligraphy |

| | | |
|---|---|--|
| FIN 456: International Financial Management (G) | SCM 463: Global Supply Chain Management (G) | COM 207: Introduction to Communication Inquiry |
| FIN 471: SIM Fund | | COM 259: Communication in Business and the Professions |
| FIN 472: Investment Banking Industry Scholars | | COM 281: Communication Activities |
| FIN 494: Special Topics | | COM 312: Communication Conflict and Negotiation |
| | | COM 341: Social Contexts for Performance |
| | | COM 414: Crisis Communication |
| | | COM 430: Leadership in Group Communication |
| | | COM 453: Communication Training and Development |
| | | COM 465: Intercultural Communication Workshop |
| | | ENG 210: Introduction to Creative Writing |
| | | ENG 213: Introduction to the Study of Language |
| | | ENG 310: Intermediate Creative Writing |
| | | ENG 314: Modern Grammar |
| | | ENG 345: Selected Authors or Issues |
| | | FAS 301: Introduction to Parenting |
| | | GCU 433: Geography of Southeast Asia |
| | | GRK 101: Elementary Ancient Greek |
| | | GRK 201: Intermediate Ancient Greek |
| | | HST 389: Japan Society and Values/Premod |
| | | IDN 101: Elementary Indonesian I |
| | | IDN 102: Elementary Indonesian II |
| | | JPN 110: Intensive Japanese I |
| | | JPN 206: Japanese Calligraphy |
| | | JPN 414: Introduction to Classical Japanese |
| | | KOR 101: First-Year Korean I |
| | | KOR 102: First-Year Korean II |

| | |
|--|--|
| General Studies Electives Continued | Business Skills Courses - No Grades of D or E |
| LAT 101: Elementary Latin | ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting |
| LAT 102: Elementary Latin | |
| MAT 242: Elementary Linear Algebra | ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC |
| MAT 243: Discrete Mathematical Structures | |

| | |
|--|--|
| MAT 310: Introduction to Geometry | 271: Honors Fundamentals of Managerial Accounting |
| MAT 342: Linear Algebra | |
| MAT 370: Intermediate Calculus | CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS) |
| MAT 371: Advanced Calculus I | |
| MAT 372: Advanced Calculus II | ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB) |
| MAT 410: Introduction to General Topology | |
| MAT 415: Introduction to Combinatorics | ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB) |
| MAT 416: Graph Theory | |
| MAT 442: Advanced Linear Algebra | ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS) |
| MAT 443: Introduction to Abstract Algebra | MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA) |
| MAT 444: Intermediate Abstract Algebra | |
| MAT 445: Theory of Numbers | MAT 211: Mathematics for Business Analysis or MAT 271: Calculus with Analytic Geometry II (MA) |
| MAT 460: Vector Calculus | |
| MAT 461: Applied Complex Analysis | |
| MAT 462: Applied Partial Differential Equations | |
| MAT 472: Intermediate Real Analysis I | |
| MAT 475: Differential Equations | |
| MAT 485: History of Mathematics | |
| POR 101: Elementary Portuguese I | |
| POR 102: Elementary Portuguese II | |
| ROM 101: Elementary Romanian | |
| ROM 201: Intermediate Romanian | |
| ROM 313: Romanian Composition and Conversation | |
| ROM 314: Romanian Composition and Conversation | |
| RUS 101: Elementary Russian I | |
| RUS 102: Elementary Russian II | |
| SPA 101: Elementary Spanish I | |
| SPA 102: Elementary Spanish II | |
| SPA 111: Fundamentals of Spanish | |
| SPA 486: Chicano/a Novel: <i>Áltima Raza</i> y <i>Lala</i> | |
| UNI 110: Critical Reading and Thinking | |

Total Hours: 120

General University Requirements Legend

Upper Division Hours: 50 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.





2020 - 2021 Major Map Management, BS







School/College: W. P. Carey School of Business


Location: Polytechnic campus, Tempe campus, West campus
BAMGTBS

FT Fast Track Options: 3 Year

A student must speak with an advisor in order to be added to a fast track plan.

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  WPC 101: Student Success in Business | 1 | | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement • Join a student club or organization • Create your first college resume |
| CIS 105: Computer Applications and Information Technology (CS) | 3 | C | |
| MAT 210: Brief Calculus (MA) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| SOC 101: Introductory Sociology (SB) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
|  Business Skills Courses: No Grades of D or E. | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31.25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| MAT 211: Mathematics for Business Analysis | 3 | C | <ul style="list-style-type: none"> • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. • PSY 101 or SOC 101 is a prerequisite to MGT 320 in term 6 • Explore student leadership opportunities and mentorship programs in W. P. Carey • Research study abroad opportunities recommended for your major |
| ECN 211: Macroeconomic Principles (SB) | 3 | C | |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions | 3 | | |
| PSY 101: Introduction to Psychology (SB) | 3 | | |
|  Complete CIS 105 with a grade of "C" or better. | | | |
|  Complete MAT 210 course with a grade of "C" or better. | | | |
|  Business Skills Courses: No Grades of D or E. | | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15.25 | | |

| Term 3 31.25 - 47.50 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ACC 231: Uses of Accounting Information I | 3 | C | |

| | | |
|--|-------|---|
| ECN 212: Microeconomic Principles (SB) | 3 | C |
| ECN 221: Business Statistics (CS) | 3 | C |
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C |
| Natural Science - Quantitative (SQ) | 4 | |
| General Studies Elective | 3 | |
| ❖ Complete ECN 211 OR ECN 212 with a grade of "C" or better. | | |
| ❖ Complete MAT 211 with a grade of "C" or better. | | |
| ❖ Business Skills Courses: No Grades of D or E. | | |
| ❖ Minimum 2.00 GPA ASU Cumulative. | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 16.25 | |

- Continuing first-year students will take WPC 248, after completing WPC 148
- New transfer students will take WPC 347
- Explore [career resources](#)
- Develop your [professional online presence](#)
- Meet with your [W. P. Carey Career Coach](#)
- Attend [W. P. Carey](#) and [ASU Career Fairs](#)

| Term 4 47.50 - 61.50 Credit Hours Critical course signified by ❖ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ACC 241: Uses of Accounting Information II | 3 | C | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Complete 2 courses: | 6 | | |
| General Studies Elective | | | |
| Upper Division Elective | 1 | | |
| ❖ Complete ACC 231 with a grade of "C" or better. | | | |
| ❖ Complete ECN 221 with a grade of "C" or better. | | | |
| ❖ Business Skills Courses: No Grades of D or E. | | | |
| ❖ Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 14 | | |

- Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your [academic advisor](#) for more information and options.
- Attend [W. P. Carey](#) and [ASU career fairs](#)
- Apply for [internships](#) or [create one](#)

| Term 5 61.50 - 76.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ MGT 300: Organization and Management Leadership | 3 | C | |
| WPC 348: Junior Networking Foundations | 0.25 | C | |
| ENG 302: Business Writing (L) | 3 | C | |
| MKT 300: Marketing and Business Performance | 3 | C | |
| SCM 300: Global Supply Operations | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) | 3 | | |
| ★ Complete ACC 241 with a grade of "C" or better. | | | |
| Term hours subtotal: | 15.25 | | |

- Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.
- Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your [academic advisor](#) for more information and options.
- Meet with your [W. P. Carey Career Coach](#)
- Update your [resume](#)

| Term 6 76.75 - 91.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ MGT 320: Organizational Behavior | 3 | C | |
| MGT 302: Principles of International Business (G) OR Upper Division International Business Course AND Global Awareness (G) | 3 | C | |
| WPC 300: Problem Solving and Actionable Analytics | 3 | C | |
| Upper Division Management Elective | 3 | C | |
| General Studies Elective | 3 | | |

- Complete [informational interviews](#)
- Complete an in person or virtual practice interview with your [W. P. Carey Career Coach](#)

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal: 15

| ★ Term 7 91.75 - 106.75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ MGT 400: Cross-Cultural Management (C & G) | 3 | C | <ul style="list-style-type: none"> All upper-division Business Core classes (including International Business course) must be completed before enrolling in WPC 480 Attend W. P. Carey and ASU Career Fairs Gather professional references Update your resume |
| FIN 300: Fundamentals of Finance | 3 | C | |
| LES 305: Business Law and Ethics for Managers | 3 | C | |
| Upper Division Management Elective | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| ★ Term 8 106.75 - 120.00 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ MGT 411: Leading Organizations | 3 | C | <ul style="list-style-type: none"> Apply for full-time career opportunities |
| ★ WPC 480: W. P. Carey Capstone Course (L) | 3 | C | |
| WPC 448: Senior Career Transition Management | 0.25 | C | |
| 4** Business Elective | 3 | C | |
| Upper Division Elective | 1 | | |
| Elective | 3 | | |
| Term hours subtotal: | 13.25 | | |

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.

Hide Course List(s)/Track Group(s)

| Upper Division Management Electives - select two courses (6 credit hours) | 4** Business Elective - select one course (3 credit hours) | Upper Division International Business Course - select one course (3 credit hours) |
|---|--|---|
| ENT 340: Creativity and Innovation (L or HU) | ACC 4** Elective | AGB 302: International Management and Agribusiness (G) |
| ENT 360: Entrepreneurship and Value Creation | AGB 4** Elective | ECN 306: Survey of International Economics (SB & G) |
| ENT 440: Entrepreneurship | CIS 4** Elective | MGT 302: Principles of International Business (G) |
| ENT 445: Business Model Development | ECN 4** Elective | MKT 425: Global Marketing Management (G) |
| ENT 446: Venture Capital Experience | ENT 4** Elective | SCM 463: Global Supply Chain Management (G) |
| ENT 447: Lean Launch | FIN 4** Elective | |
| ENT 494: Special Topics | MGT 4** Elective | |
| MGT 310: Collaborative Team Skills | MKT 4** Elective | |
| MGT 420: Human Resource Management | REA 4** Elective | |
| MGT 430: Negotiations | SCM 4** Elective | |
| MGT 450: Consulting Projects (L) | | |

MGT 459: International Management (G)

MGT 484: Internship

MGT 493: Honors Thesis (L)

MGT 494: Special Topics

| General Studies Electives | General Studies Electives Continued | Business Skills Courses - No Grades of D or E |
|--|---|---|
| ASL 101: American Sign Language I | LAT 101: Elementary Latin | ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting |
| ASL 102: American Sign Language II | LAT 102: Elementary Latin | |
| ASL 201: American Sign Language III | MAT 242: Elementary Linear Algebra | |
| ASL 202: American Sign Language IV | MAT 243: Discrete Mathematical Structures | ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting |
| BIO 320: Fundamentals of Ecology | MAT 310: Introduction to Geometry | |
| CHI 110: Intensive Chinese I | MAT 342: Linear Algebra | |
| CHI 205: Chinese Calligraphy | MAT 370: Intermediate Calculus | CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS) |
| COM 207: Introduction to Communication Inquiry | MAT 371: Advanced Calculus I | |
| COM 259: Communication in Business and the Professions | MAT 372: Advanced Calculus II | ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB) |
| COM 281: Communication Activities | MAT 410: Introduction to General Topology | |
| COM 312: Communication Conflict and Negotiation | MAT 415: Introduction to Combinatorics | ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB) |
| COM 341: Social Contexts for Performance | MAT 416: Graph Theory | |
| COM 414: Crisis Communication | MAT 442: Advanced Linear Algebra | ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS) |
| COM 430: Leadership in Group Communication | MAT 443: Introduction to Abstract Algebra | MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA) |
| COM 453: Communication Training and Development | MAT 444: Intermediate Abstract Algebra | |
| COM 465: Intercultural Communication Workshop | MAT 445: Theory of Numbers | MAT 211: Mathematics for Business Analysis or MAT 271: Calculus with Analytic Geometry II (MA) |
| ENG 210: Introduction to Creative Writing | MAT 460: Vector Calculus | |
| ENG 213: Introduction to the Study of Language | MAT 461: Applied Complex Analysis | |
| ENG 310: Intermediate Creative Writing | MAT 462: Applied Partial Differential Equations | |
| ENG 314: Modern Grammar | MAT 472: Intermediate Real Analysis I | |
| ENG 345: Selected Authors or Issues | MAT 475: Differential Equations | |
| FAS 301: Introduction to Parenting | MAT 485: History of Mathematics | |
| GCU 433: Geography of Southeast Asia | POR 101: Elementary Portuguese I | |
| GRK 101: Elementary Ancient Greek | POR 102: Elementary Portuguese II | |
| GRK 201: Intermediate Ancient Greek | ROM 101: Elementary Romanian | |
| HST 389: Japan Society and Values/Premod | ROM 201: Intermediate Romanian | |
| | ROM 313: Romanian Composition and Conversation | |
| | ROM 314: Romanian Composition and Conversation | |
| | RUS 101: Elementary Russian I | |

| | |
|---|---|
| JPN 110: Intensive Japanese I | RUS 102: Elementary Russian II |
| IDN 101: Elementary Indonesian I | SPA 101: Elementary Spanish I |
| IDN 102: Elementary Indonesian II | SPA 102: Elementary Spanish II |
| JPN 206: Japanese Calligraphy | SPA 111: Fundamentals of Spanish |
| JPN 414: Introduction to Classical Japanese | SPA 486: Chicano/a Novel: <i>Áltima Rafa y Lala</i> |
| KOR 101: First-Year Korean I | UNI 110: Critical Reading and Thinking |
| KOR 102: First-Year Korean II | |

Total Hours: 120

Upper Division Hours: 50 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition




General Studies designations listed on the major map are current for the 2020 - 2021 academic year.





2020 - 2021 Major Map Management, BS



School/College: [W. P. Carey School of Business](#)





Location: [Online](#)

BAMGTBS

| Term 1 - A 0 - 7 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  WPC 101: Student Success in Business | 1 | | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • ASU 101 or college specific equivalent First Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement • Create your first college resume |
|  CIS 105: Computer Applications and Information Technology (CS) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  MAT 210: Brief Calculus (MA) | 3 | C | <ul style="list-style-type: none"> • View ASU Online first-year student registration information here • Mathematics Placement Assessment score determines placement in mathematics course • Join a student club or organization |
| SOC 101: Introductory Sociology (SB) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
|  Business Skills Courses: No Grades of D or E. | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 9 | | |





| Term 2 - A 16 - 22.25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  MAT 211: Mathematics for Business Analysis | 3 | C | <ul style="list-style-type: none"> • Join the W. P. Carey mentorship programs • Research study abroad opportunities recommended for your major |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 6.25 | | |



| Term 2 - B 22.25 - 31.25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ECN 211: Macroeconomic Principles (SB) | 3 | C | <ul style="list-style-type: none"> • PSY 101 or SOC 101 is a prerequisite to MGT 320 in term 6A |
| COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions | 3 | | |
| PSY 101: Introduction to Psychology (SB) | 3 | | |
|  Business Skills Courses: No Grades of D or E. | | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 9 | | |





| Term 3 - A 31.25 - 40.25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  ACC 231: Uses of Accounting Information I | 3 | C | |

| | | |
|--|---|---|
| ECN 212: Microeconomic Principles (SB) | 3 | C |
| General Studies Elective | 3 | |
| Term hours subtotal: | 9 | |



- Explore **career resources**.
- Meet with your **W. P. Carey Career Coach**
- Attend **W. P. Carey and ASU Career Fairs**

| Term 3 - B 40.25 - 46.50 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  ACC 241: Uses of Accounting Information II | 3 | C | <ul style="list-style-type: none"> • Continuing first-year students will take WPC 248, after completing WPC 148 • New transfer students will take WPC 347 • Develop your professional online presence |
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C | |
| General Studies Elective | 3 | | |
| Term hours subtotal: | 6.25 | | |
|  Business Skills Courses: No Grades of D or E.  Minimum 2.00 GPA ASU Cumulative. Complete Mathematics (MA) requirement. | | | |

| Term 4 - A 46.50 - 55.50 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  ECN 221: Business Statistics (CS) | 3 | C | <ul style="list-style-type: none"> • Attend W. P. Carey and ASU career fairs • Apply for internships or create one |
| General Studies Elective | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 4 - B 55.50 - 62.50 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| Natural Science - Quantitative (SQ) | 4 | | |
| General Studies Elective | 3 | | |
|  Complete ECN 211 AND ECN 212. | | | |
|  Business Skills Courses: No Grades of D or E.  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 7 | | |

| Term 5 - A 62.50 - 68.75 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| MKT 300: Marketing and Business Performance | 3 | C | <ul style="list-style-type: none"> • Meet with your W. P. Carey Career Coach |
| SCM 300: Global Supply Operations | 3 | C | |
| WPC 348: Junior Networking Foundations | 0.25 | C | |
| Term hours subtotal: | 6.25 | | |

| Term 5 - B 68.75 - 77.75 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  MGT 300: Organization and Management Leadership | 3 | C | <ul style="list-style-type: none"> • Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program. |
| WPC 300: Problem Solving and Actionable Analytics | 3 | C | |
| ENG 302: Business Writing (L) | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 6 - A 77.75 - 84.75 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  MGT 320: Organizational Behavior | 3 | C | <ul style="list-style-type: none"> • Complete informational interviews |

Natural Science - Quantitative (SQ) OR Natural Science - General (SG) 4

Term hours subtotal: 7

| Term 6 - B 84.75 - 93.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|--------------|----------------------|---|
| ★ LES 305: Business Law and Ethics for Managers | 3 | C | <ul style="list-style-type: none"> Complete an in person or virtual practice interview with your W. P. Carey Career Coach |
| FIN 300: Fundamentals of Finance | 3 | C | |
| MGT 302: Principles of International Business (G) OR Upper Division International Business Course AND Global Awareness (G) | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | | 9 | |

| Term 7 - A 93.75 - 99.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|--------------|----------------------|---|
| ★ MGT 400: Cross-Cultural Management (C & G) | 3 | C | <ul style="list-style-type: none"> All upper-division Business Core classes (including International Business course) must be completed before enrolling in WPC 480 Attend W. P. Carey and ASU Career Fairs |
| Upper Division Management Elective | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 99.75 - 107.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|--------------|----------------------|--|
| ★ MGT 411: Leading Organizations | 3 | C | <ul style="list-style-type: none"> Gather professional references Update your resume |
| Upper Division Management Elective | 3 | C | |
| Upper Division Elective | 2 | | |
| Term hours subtotal: | | 8 | |

| Term 8 - A 107.75 - 114.00 Credit Hours | Hours | Minimum Grade | Notes |
|---|--------------|----------------------|---|
| 4** Business Elective | 3 | C | <ul style="list-style-type: none"> Apply for full-time career opportunities |
| WPC 448: Senior Career Transition Management | 0.25 | C | |
| Upper Division Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | | 6.25 | |

| Term 8 - B 114.00 - 120.00 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|--------------|----------------------|--------------|
| ★ WPC 480: W. P. Carey Capstone Course (L) | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | | 6 | |

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.

Hide Course List(s)/Track Group(s)

| Upper Division Management Electives - select two courses (6 credit hours) | Upper Division International Business Course - select one course (3 credit hours) | 4** Business Elective - select one course (3 credit hours) |
|---|---|--|
| ENT 360: Entrepreneurship and Value Creation | AGB 302: International Management and Agribusiness (G) | ACC 4** Elective |
| MGT 420: Human Resource Management | ECN 306: Survey of International Economics (SB & G) | AGB 4** Elective |
| MGT 430: Negotiations | MGT 302: Principles of International Business (G) | CIS 4** Elective |
| | MKT 425: Global Marketing Management (G) | ECN 4** Elective |
| | SCM 463: Global Supply Chain Management (G) | MGT 4** Elective |
| | | MKT 4** Elective |
| | | SCM 4** Elective |
| General Studies Electives | Business Skills Courses - No Grades of D or E | |
| BIO 320: Fundamentals of Ecology | ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting | |
| COM 207: Introduction to Communication Inquiry | ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting | |
| COM 259: Communication in Business and the Professions | CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS) | |
| COM 312: Communication Conflict and Negotiation | ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB) | |
| COM 414: Crisis Communication | ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB) | |
| COM 430: Leadership in Group Communication | ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS) | |
| COM 453: Communication Training and Development | MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA) | |
| ENG 210: Introduction to Creative Writing | MAT 270: Calculus with Analytic Geometry I (MA) or MAT 271: Calculus with Analytic Geometry II (MA) | |
| ENG 310: Intermediate Creative Writing | | |
| ENG 345: Selected Authors or Issues | | |
| FAS 301: Introduction to Parenting | | |
| MAT 242: Elementary Linear Algebra | | |
| MAT 243: Discrete Mathematical Structures | | |
| POR 101: Elementary Portuguese I | | |
| ROM 101: Elementary Romanian | | |
| SPA 101: Elementary Spanish I | | |
| SPA 102: Elementary Spanish II | | |

Total Hours: 120
Upper Division Hours: 50 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.

2020 - 2021 Major Map

Marketing, BS





School/College: W. P. Carey School of Business







Location: Tempe campus

BAMKTBS

FT Fast Track Options: 3 Year

A student must speak with an advisor in order to be added to a fast track plan.

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  WPC 101: Student Success in Business | 1 | | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement • Join a student club or organization • Create your first college resume |
| CIS 105: Computer Applications and Information Technology (CS) | 3 | C | |
| MAT 210: Brief Calculus (MA) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| SOC course (SB) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
|  Business Skills Courses: No Grades of D or E. | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31.25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| MAT 211: Mathematics for Business Analysis | 3 | C | <ul style="list-style-type: none"> • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Join the W. P. Carey mentorship programs • Explore student leadership opportunities in W. P. Carey • Research study abroad opportunities recommended for your major |
| ECN 211: Macroeconomic Principles (SB) | 3 | C | |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions | 3 | | |
| PSY course (SB) | 3 | | |
|  Complete CIS 105 with a grade of "C" or better. | | | |
|  Complete MAT 210 with a grade of "C" or better. | | | |
|  Business Skills Courses: No Grades of D or E. | | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15.25 | | |

| Term 3 31.25 - 47.50 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ACC 231: Uses of Accounting Information I | 3 | C | |

| | | |
|---|------|---|
| ECN 212: Microeconomic Principles (SB) | 3 | C |
| ECN 221: Business Statistics (CS) | 3 | C |
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C |
| Natural Science - Quantitative (SQ) | 4 | |
| General Studies Elective | 3 | |
| ❖ Complete ECN 211 OR ECN 212 with a grade of "C" or better. | | |
| ❖ Complete MAT 211 with a grade of "C" or better. | | |
| ❖ Business Skills Courses: No Grades of D or E. | | |
| ❖ Minimum 2.00 GPA ASU Cumulative. | | |
| Complete Mathematics (MA) requirement. | | |

Term hours subtotal: 16.25

- Continuing first-year students will take WPC 248, after completing WPC 148
- New transfer students will take WPC 347
- Explore [career resources](#)
- Develop your [professional online presence](#)
- Meet with your [W. P. Carey Career Coach](#)
- Attend [W. P. Carey](#) and [ASU Career Fairs](#)

| Term 4 47.50 - 61.50 Credit Hours Critical course signified by ❖ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ACC 241: Uses of Accounting Information II | 3 | C | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| General Studies Elective | 3 | | |
| Upper Division Elective | 1 | | |
| ❖ Complete ACC 231 with a grade of "C" or better. | | | |
| ❖ Complete ECN 221 with a grade of "C" or better. | | | |
| ❖ Business Skills Courses: No Grades of D or E. | | | |
| ❖ Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | | 14 | |

- Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your [academic advisor](#) for more information and options.
- Attend [W. P. Carey](#) and [ASU](#) career fairs
- Apply for [internships](#) or [create one](#)

| Term 5 61.50 - 76.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ MKT 302: Applied Marketing Management and Leadership (L) | 3 | C | |
| WPC 348: Junior Networking Foundations | 0.25 | C | |
| ENG 302: Business Writing (L) | 3 | | |
| FIN 300: Fundamentals of Finance | 3 | C | |
| SCM 300: Global Supply Operations | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) | 3 | | |
| ★ Complete ACC 241 with a grade of "C" or better. | | | |
| Term hours subtotal: | | 15.25 | |

- Students pursuing concurrent degrees within [W. P. Carey](#) cannot share coursework in the major. Major coursework must be unique to each degree program.
- Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your [academic advisor](#) for more information and options.
- Meet with your [W. P. Carey Career Coach](#)
- Update your [resume](#)

| Term 6 76.75 - 91.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ MKT 352: Marketing Research (L) | 3 | C | |
| MGT 300: Organization and Management Leadership | 3 | C | |
| Upper Division International Business Course AND Global Awareness (G) | 3 | C | |
| Upper Division Marketing Elective | 3 | C | |
| General Studies Elective | 3 | | |

- MKT 425 cannot count as both the International Business course requirement and Marketing Elective. If MKT 425 is taken as the International Business course, select another Marketing Elective.
- Complete [informational interviews](#)

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal: 15

- Complete an in person or virtual practice interview with your **W. P. Carey Career Coach**

| Term 7 91.75 - 106.75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ MKT 402: Consumer Behavior | 3 | C | <ul style="list-style-type: none"> • All upper-division Business Core classes (including International Business course) must be completed before enrolling in WPC 480 • MKT 425 cannot count as both the International Business course requirement and Marketing Elective. If MKT 425 is taken as the International Business course, select another Marketing Elective. • Attend W. P. Carey and ASU Career Fairs • Gather professional references • Update your resume |
| LES 305: Business Law and Ethics for Managers | 3 | C | |
| WPC 300: Problem Solving and Actionable Analytics | 3 | C | |
| Upper Division Marketing Elective | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 106.75 - 120.00 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ MKT 442: Services Marketing Strategy OR MKT 452: Business-to-Business Marketing Strategy OR MKT 462: Competitive Marketing Strategy | 3 | C | <ul style="list-style-type: none"> • MKT 425 cannot count as both the International Business course requirement and Marketing Elective. If MKT 425 is taken as the International Business course, select another Marketing Elective. • Apply for full-time career opportunities |
| ★ WPC 480: W. P. Carey Capstone Course (L) | 3 | C | |
| WPC 448: Senior Career Transition Management | 0.25 | C | |
| Upper Division Marketing Elective | 3 | C | |
| Elective | 3 | | |
| Upper Division Elective | 1 | | |
| Term hours subtotal: | 13.25 | | |

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.

Hide Course List(s)/Track Group(s)

| | | |
|--|---|--|
| Upper Division Marketing Electives - select three courses (9 credit hours MKT 494 topic cannot be sports related)) | Upper Division International Business Course - select one course (3 credit hours) | General Studies Electives |
| MKT 355: Designing Brand Identity: Methods and Digital Tools | AGB 302: International Management and Agribusiness (G) | ASL 101: American Sign Language I |
| MKT 365: Advertising and Beyond: Customer-Centric Brand Development | ECN 306: Survey of International Economics (SB & G) | ASL 102: American Sign Language II |
| MKT 370: Professional Sales and Relationship Management | MGT 302: Principles of International Business (G) | ASL 201: American Sign Language III |
| MKT 410: Sales Management | MKT 425: Global Marketing Management (G) | ASL 202: American Sign Language IV |
| MKT 425: Global Marketing Management (G) | SCM 463: Global Supply Chain Management (G) | BIO 320: Fundamentals of Ecology |
| MKT 435: Entrepreneurial Marketing | | CHI 110: Intensive Chinese I |
| | | CHI 205: Chinese Calligraphy |
| | | COM 207: Introduction to Communication Inquiry |

| | |
|---|--|
| MKT 440: Creating Digital Experiences | COM 259: Communication in Business and the Professions |
| MKT 442: Services Marketing Strategy | COM 281: Communication Activities |
| MKT 450: Social Media and Content Marketing | COM 312: Communication Conflict and Negotiation |
| MKT 452: Business-to-Business Marketing Strategy | COM 341: Social Contexts for Performance |
| MKT 455: Brand Management | COM 414: Crisis Communication |
| MKT 462: Competitive Marketing Strategy | COM 430: Leadership in Group Communication |
| MKT 472: Immersive Brand Experience I: Intelligence Insights and Strategy | COM 453: Communication Training and Development |
| MKT 473: Immersive Brand Experience II: Creative Media and Measures | COM 465: Intercultural Communication Workshop |
| MKT 484: Internship | ENG 210: Introduction to Creative Writing |
| MKT 493: Honors Thesis (L) | ENG 213: Introduction to the Study of Language |
| MKT 494: Special Topics | ENG 310: Intermediate Creative Writing |
| MKT 499: Individualized Instruction | ENG 314: Modern Grammar |
| | ENG 345: Selected Authors or Issues |
| | FAS 301: Introduction to Parenting |
| | GCU 433: Geography of Southeast Asia |
| | GRK 101: Elementary Ancient Greek |
| | GRK 201: Intermediate Ancient Greek |
| | HST 389: Japan Society and Values/Premod |
| | JPN 110: Intensive Japanese I |
| | IDN 101: Elementary Indonesian I |
| | IDN 102: Elementary Indonesian II |
| | JPN 206: Japanese Calligraphy |
| | JPN 414: Introduction to Classical Japanese |
| | KOR 101: First-Year Korean I |
| | KOR 102: First-Year Korean II |

| General Studies Electives Continued | Business Skills Courses - No Grades of D or E |
|---|---|
| LAT 101: Elementary Latin | ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting |
| LAT 102: Elementary Latin | |
| MAT 242: Elementary Linear Algebra | ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting |
| MAT 243: Discrete Mathematical Structures | |
| MAT 310: Introduction to Geometry | |
| MAT 342: Linear Algebra | |

| | |
|---|--|
| MAT 370: Intermediate Calculus | CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS) |
| MAT 371: Advanced Calculus I | |
| MAT 372: Advanced Calculus II | |
| MAT 410: Introduction to General Topology | ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB) |
| MAT 415: Introduction to Combinatorics | ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB) |
| MAT 416: Graph Theory | |
| MAT 442: Advanced Linear Algebra | ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS) |
| MAT 443: Introduction to Abstract Algebra | |
| MAT 444: Intermediate Abstract Algebra | MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA) |
| MAT 445: Theory of Numbers | MAT 211: Mathematics for Business Analysis or MAT 271: Calculus with Analytic Geometry II (MA) |
| MAT 460: Vector Calculus | |
| MAT 461: Applied Complex Analysis | |
| MAT 462: Applied Partial Differential Equations | |
| MAT 472: Intermediate Real Analysis I | |
| MAT 475: Differential Equations | |
| MAT 485: History of Mathematics | |
| POR 101: Elementary Portuguese I | |
| POR 102: Elementary Portuguese II | |
| ROM 101: Elementary Romanian | |
| ROM 201: Intermediate Romanian | |
| ROM 313: Romanian Composition and Conversation | |
| ROM 314: Romanian Composition and Conversation | |
| RUS 101: Elementary Russian I | |
| RUS 102: Elementary Russian II | |
| SPA 101: Elementary Spanish I | |
| SPA 102: Elementary Spanish II | |
| SPA 111: Fundamentals of Spanish | |
| SPA 486: Chicano/a Novel: Última Raza y Lala | |
| UNI 110: Critical Reading and Thinking | |

Total Hours: 120
Upper Division Hours: 50 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map





Marketing, BS


School/College: [W. P. Carey School of Business](#)





Location: [Online](#)


BAMKTBS

| Term 1 - A 0 - 7 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  WPC 101: Student Success in Business | 1 | | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • ASU 101 or college specific equivalent First Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement • Create your first college resume |
|  CIS 105: Computer Applications and Information Technology (CS) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  MAT 210: Brief Calculus (MA) | 3 | C | <ul style="list-style-type: none"> • View ASU Online first-year student registration information here • Mathematics Placement Assessment score determines placement in mathematics course • Join a student club or organization |
| SOC course (SB) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
|  Business Skills Courses: No Grades of D or E. | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 9 | | |






| Term 2 - A 16 - 22.25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  MAT 211: Mathematics for Business Analysis | 3 | C | <ul style="list-style-type: none"> • Join the W. P. Carey mentorship programs • Research study abroad opportunities recommended for your major |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 6.25 | | |



| Term 2 - B 22.25 - 31.25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ECN 211: Macroeconomic Principles (SB) | 3 | C | |
| COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions | 3 | | |
| PSY course (SB) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Business Skills Courses: No Grades of D or E. | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 9 | | |




| Term 3 - A 31.25 - 40.25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  ACC 231: Uses of Accounting Information I | 3 | C | |



| | | |
|--|---|---|
| ECN 212: Microeconomic Principles (SB) | 3 | C |
| General Studies Elective | 3 | |
| Term hours subtotal: | 9 | |



- Explore [career resources](#).
- Meet with your [W. P. Carey Career Coach](#)
- Attend [W. P. Carey and ASU Career Fairs](#)

| Term 3 - B 40.25 - 46.50 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  ACC 241: Uses of Accounting Information II | 3 | C | <ul style="list-style-type: none"> • Continuing first-year students will take WPC 248, after completing WPC 148 • New transfer students will take WPC 347 • Develop your professional online presence |
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C | |
| General Studies Elective | 3 | | |
|  Complete ECN 211 AND ECN 212. | | | |
|  Business Skills Courses: No Grades of D or E. | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 6.25 | | |

| Term 4 - A 46.50 - 52.50 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  ECN 221: Business Statistics (CS) | 3 | C | <ul style="list-style-type: none"> • Attend W. P. Carey and ASU career fairs • Apply for internships or create one |
| General Studies Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 4 - B 52.50 - 59.50 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| Cultural Diversity in the U.S. (C) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
|  Business Skills Courses: No Grades of D or E. | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 7 | | |

| Term 5 - A 59.50 - 65.75 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  MKT 302: Applied Marketing Management and Leadership (L) | 3 | C | <ul style="list-style-type: none"> • Meet with your W. P. Carey Career Coach • Update your resume |
| SCM 300: Global Supply Operations | 3 | C | |
| WPC 348: Junior Networking Foundations | 0.25 | C | |
| Term hours subtotal: | 6.25 | | |

| Term 5 - B 65.75 - 74.75 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  MKT 352: Marketing Research (L) | 3 | C | <ul style="list-style-type: none"> • Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program. |
| MGT 300: Organization and Management Leadership | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 6 - A 74.75 - 83.75 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  MKT 402: Consumer Behavior | 3 | C | <ul style="list-style-type: none"> • Complete informational interviews |

| | | |
|---|---|---|
| WPC 300: Problem Solving and Actionable Analytics | 3 | C |
| ENG 302: Business Writing (L) | 3 | |
| Term hours subtotal: | 9 | |

| Term 6 - B 83.75 - 89.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ Upper Division International Business Course AND Global Awareness (G) | 3 | C | <ul style="list-style-type: none"> • MKT 425 cannot count as both International Business course requirement and Marketing Elective. If MKT 425 is taken as the International Business course, select another Marketing Elective from the list below. • Complete an in person or virtual practice interview with your W. P. Carey Career Coach |
| FIN 300: Fundamentals of Finance | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 7 - A 89.75 - 96.75 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| Upper Division Marketing Elective | 3 | C | <ul style="list-style-type: none"> • All upper-division Business Core classes (including International Business course) must be completed before enrolling in WPC 480 • Attend W. P. Carey and ASU Career Fairs |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 7 - B 96.75 - 105.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| MKT 442: Services Marketing Strategy OR MKT 452: Business-to-Business Marketing Strategy OR MKT 462: Competitive Marketing Strategy | 3 | C | <ul style="list-style-type: none"> • Gather professional references • Update your resume |
| LES 305: Business Law and Ethics for Managers | 3 | C | |
| Upper Division Marketing Elective | 3 | C | |
| Term hours subtotal: | 9 | | |

| Term 8 - A 105.75 - 112.00 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| Upper Division Marketing Elective | 3 | C | <ul style="list-style-type: none"> • Apply for full-time career opportunities |
| WPC 448: Senior Career Transition Management | 0.25 | C | |
| Upper Division Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 6.25 | | |

| Term 8 - B 112.00 - 120.00 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ WPC 480: W. P. Carey Capstone Course (L) | 3 | C | |
| Upper Division Elective | 2 | | |
| Elective | 3 | | |
| Term hours subtotal: | 8 | | |

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.

Hide Course List(s)/Track Group(s)

| Upper Division Marketing Electives - select three courses (9 credit hrs) | Upper Division International Business Course - select one course (3 credit hours) | General Studies Electives |
|---|---|--|
| MKT 365: Advertising and Beyond: Customer-Centric Brand Development | AGB 302: International Management and Agribusiness (G) | BIO 320: Fundamentals of Ecology |
| MKT 425: Global Marketing Management (G) | ECN 306: Survey of International Economics (SB & G) | COM 207: Introduction to Communication Inquiry |
| MKT 442: Services Marketing Strategy | MGT 302: Principles of International Business (G) | COM 259: Communication in Business and the Professions |
| MKT 452: Business-to-Business Marketing Strategy | MKT 425: Global Marketing Management (G) | COM 312: Communication Conflict and Negotiation |
| MKT 462: Competitive Marketing Strategy | SCM 463: Global Supply Chain Management (G) | COM 414: Crisis Communication |
| | | COM 430: Leadership in Group Communication |
| | | COM 453: Communication Training and Development |
| | | ENG 210: Introduction to Creative Writing |
| | | ENG 310: Intermediate Creative Writing |
| | | ENG 345: Selected Authors or Issues |
| | | FAS 301: Introduction to Parenting |
| | | MAT 242: Elementary Linear Algebra |
| | | MAT 243: Discrete Mathematical Structures |
| | | POR 101: Elementary Portuguese I |
| | | ROM 101: Elementary Romanian |
| | | SPA 101: Elementary Spanish I |
| | | SPA 102: Elementary Spanish II |
| Business Skills Courses - No Grades of D or E | | |
| ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting | | |
| ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting | | |
| CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS) | | |
| ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB) | | |
| ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB) | | |

ECN 221: Business Statistics (CS) or ECN
231: Honors Business Statistics (CS)

MAT 210: Brief Calculus (MA) or MAT 270:
Calculus with Analytic Geometry I (MA)

MAT 211: Mathematics for Business Analysis
or MAT 271: Calculus with Analytic
Geometry II (MA)

Total Hours: 120

Upper Division Hours: 50 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.





2020 - 2021 Major Map







Marketing (Digital and Integrated Marketing Communications), BS


School/College: [W. P. Carey School of Business](#)

Location: [Tempe campus](#)

BAMKDIMCBS

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  WPC 101: Student Success in Business | 1 | | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement • Join a student club or organization • Create your first college resume |
| CIS 105: Computer Applications and Information Technology (CS) | 3 | C | |
| MAT 210: Brief Calculus (MA) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| SOC course (SB) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
|  Business Skills Courses: No Grades of D or E. | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31.25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| MAT 211: Mathematics for Business Analysis | 3 | C | <ul style="list-style-type: none"> • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Join the W. P. Carey mentorship programs • Explore student leadership opportunities in W. P. Carey • Research study abroad opportunities recommended for your major |
| ECN 211: Macroeconomic Principles (SB) | 3 | C | |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions | 3 | | |
| PSY course (SB) | 3 | | |
|  Complete CIS 105 with a grade of "C" or better. | | | |
|  Complete MAT 210 with a grade of "C" or better. | | | |
|  Business Skills Courses: No Grades of D or E. | | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15.25 | | |

| Term 3 31.25 - 47.50 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ACC 231: Uses of Accounting Information I | 3 | C | <ul style="list-style-type: none"> • Continuing first-year students will take WPC 248, after completing WPC 148 • New transfer students will take WPC 347 • Explore career resources • Develop your professional online presence |
| ECN 212: Microeconomic Principles (SB) | 3 | C+ | |
| ECN 221: Business Statistics (CS) | 3 | C | |

| | | |
|---|-------|---|
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C |
| Natural Science - Quantitative (SQ) | 4 | |
| General Studies Elective | 3 | |
| ❖ Complete ECN 211 OR ECN 212 with a grade of "C" or better. | | |
| ❖ Complete MAT 211 with a grade of "C" or better. | | |
| ❖ Business Skills Courses: No Grades of D or E. | | |
| ❖ Minimum 2.00 GPA ASU Cumulative. | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 16.25 | |

- Meet with your **W. P. Carey Career Coach**
- Attend **W. P. Carey** and **ASU Career Fairs**

| Term 4 47.50 - 61.50 Credit Hours Critical course signified by ❖ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ACC 241: Uses of Accounting Information II | 3 | C | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| General Studies Elective | 3 | | |
| Upper Division Elective | 1 | | |
| ❖ Complete ACC 231 with a grade of "C" or better. | | | |
| ❖ Complete ECN 221 with a grade of "C" or better. | | | |
| ❖ Business Skills Courses: No Grades of D or E. | | | |
| ❖ Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 14 | | |



- Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your **academic advisor** for more information and options.
- Attend **W. P. Carey** and **ASU career fairs**
- Apply for **internships** or **create one**




| Term 5 61.50 - 76.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ MKT 302: Applied Marketing Management and Leadership (L) | 3 | C | |
| WPC 348: Junior Networking Foundations | 0.25 | C | |
| FIN 300: Fundamentals of Finance | 3 | C | |
| SCM 300: Global Supply Operations | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) | 3 | | |
| General Studies Elective | 3 | | |
| ★ Complete ACC 241 with a grade of "C" or better. | | | |
| Term hours subtotal: | 15.25 | | |

- Students pursuing concurrent degrees within **W. P. Carey** cannot share coursework in the major. Major coursework must be unique to each degree program.
- Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your **academic advisor** for more information and options.
- Meet with your **W. P. Carey Career Coach**
- Update your **resume**

| Term 6 76.75 - 91.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ MKT 352: Marketing Research (L) | 3 | C | |
| MGT 300: Organization and Management Leadership | 3 | C | |
| WPC 300: Problem Solving and Actionable Analytics | 3 | C | |
| ENG 302: Business Writing (L) | 3 | | |
| Upper Division International Business Course AND Global Awareness (G) | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

- Complete **informational interviews**
- Complete an in person or virtual practice interview with your **W. P. Carey Career Coach**

| Term 7 91.75 - 107.75 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  MKT 402: Consumer Behavior | 3 | C | <ul style="list-style-type: none"> Digital & Integrated Marketing Communication concentration electives must be taken at ASU If chosen as a concentration elective, MKT 493 Honors Thesis subject must be Advertising, Brand Management, or Digital Marketing All upper-division Business Core classes (including International Business course) must be completed before enrolling in WPC 480 Attend W. P. Carey and ASU Career Fairs Gather professional references Update your resume |
| LES 305: Business Law and Ethics for Managers | 3 | C | |
| Complete 2 courses: | | | |
| Upper Division Digital & Integrated Marketing Communications Concentration Elective | 6 | C | |
| Upper Division Elective | 1 | | |
| Elective | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 8 107.75 - 120.00 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  MKT 442: Services Marketing Strategy OR MKT 452: Business-to-Business Marketing Strategy OR MKT 462: Competitive Marketing Strategy | 3 | C | <ul style="list-style-type: none"> Digital & Integrated Marketing Communication concentration electives must be taken at ASU If chosen as a concentration elective, MKT 493 Honors Thesis subject must be Advertising, Brand Management, or Digital Marketing Apply for full-time career opportunities |
|  WPC 480: W. P. Carey Capstone Course (L) | 3 | C | |
| WPC 448: Senior Career Transition Management | 0.25 | C | |
| Upper Division Digital & Integrated Marketing Communications Concentration Elective | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 12.25 | | |

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.
 - Choose three Upper Division Digital & Integrated Marketing Communication Concentration Electives.
 - Digital & Integrated Marketing Communication concentration electives must be taken at ASU.
 - If chosen as a concentration elective, MKT 493 Honors Thesis subject must be Advertising, Brand Management, or Digital Marketing.

Hide Course List(s)/Track Group(s)

| | | |
|--|---|-------------------------------------|
| Digital & Integrated Marketing Communications Concentration Elective - select three courses (9 credit hours) | Upper Division International Business Course - select one course (3 credit hours) | General Studies Electives |
| MKT 355: Designing Brand Identity: Methods and Digital Tools | AGB 302: International Management and Agribusiness (G) | ASL 101: American Sign Language I |
| MKT 365: Advertising and Beyond: Customer-Centric Brand Development | ECN 306: Survey of International Economics (SB & G) | ASL 102: American Sign Language II |
| MKT 440: Creating Digital Experiences | MGT 302: Principles of International Business (G) | ASL 201: American Sign Language III |
| | MKT 425: Global Marketing Management (G) | ASL 202: American Sign Language IV |
| | | BIO 320: Fundamentals of Ecology |
| | | CHI 110: Intensive Chinese I |

| | | |
|---|--|--|
| MKT 450: Social Media and Content Marketing | SCM 463: Global Supply Chain Management (G) | CHI 205: Chinese Calligraphy |
| MKT 455: Brand Management | | COM 207: Introduction to Communication Inquiry |
| MKT 472: Immersive Brand Experience I: Intelligence Insights and Strategy | | COM 259: Communication in Business and the Professions |
| MKT 473: Immersive Brand Experience II: Creative Media and Measures | | COM 281: Communication Activities |
| MKT 484: Internship or MKT 493: Honors Thesis (L) | | COM 312: Communication Conflict and Negotiation |
| | | COM 341: Social Contexts for Performance |
| | | COM 414: Crisis Communication |
| | | COM 430: Leadership in Group Communication |
| | | COM 453: Communication Training and Development |
| | | COM 465: Intercultural Communication Workshop |
| | | ENG 210: Introduction to Creative Writing |
| | | ENG 213: Introduction to the Study of Language |
| | | ENG 310: Intermediate Creative Writing |
| | | ENG 314: Modern Grammar |
| | | ENG 345: Selected Authors or Issues |
| | | FAS 301: Introduction to Parenting |
| | | GCU 433: Geography of Southeast Asia |
| | | GRK 101: Elementary Ancient Greek |
| | | GRK 201: Intermediate Ancient Greek |
| | | HST 389: Japan Society and Values/Premod |
| | | JPN 110: Intensive Japanese I |
| | | IDN 101: Elementary Indonesian I |
| | | IDN 102: Elementary Indonesian II |
| | | JPN 206: Japanese Calligraphy |
| | | JPN 414: Introduction to Classical Japanese |
| | | KOR 101: First-Year Korean I |
| | | KOR 102: First-Year Korean II |
| General Studies Electives Continued | Business Skills Courses - No Grades of D or E | |
| LAT 101: Elementary Latin | ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting | |
| LAT 102: Elementary Latin | | |
| MAT 242: Elementary Linear Algebra | | |

| | |
|--|--|
| MAT 243: Discrete Mathematical Structures | ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting |
| MAT 310: Introduction to Geometry | |
| MAT 342: Linear Algebra | |
| MAT 370: Intermediate Calculus | CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS) |
| MAT 371: Advanced Calculus I | |
| MAT 372: Advanced Calculus II | |
| MAT 410: Introduction to General Topology | ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB) |
| MAT 415: Introduction to Combinatorics | ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB) |
| MAT 416: Graph Theory | |
| MAT 442: Advanced Linear Algebra | ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS) |
| MAT 443: Introduction to Abstract Algebra | MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA) |
| MAT 444: Intermediate Abstract Algebra | |
| MAT 445: Theory of Numbers | MAT 211: Mathematics for Business Analysis or MAT 271: Calculus with Analytic Geometry II (MA) |
| MAT 460: Vector Calculus | |
| MAT 461: Applied Complex Analysis | |
| MAT 462: Applied Partial Differential Equations | |
| MAT 472: Intermediate Real Analysis I | |
| MAT 475: Differential Equations | |
| MAT 485: History of Mathematics | |
| POR 101: Elementary Portuguese I | |
| POR 102: Elementary Portuguese II | |
| ROM 101: Elementary Romanian | |
| ROM 201: Intermediate Romanian | |
| ROM 313: Romanian Composition and Conversation | |
| ROM 314: Romanian Composition and Conversation | |
| RUS 101: Elementary Russian I | |
| RUS 102: Elementary Russian II | |
| SPA 101: Elementary Spanish I | |
| SPA 102: Elementary Spanish II | |
| SPA 111: Fundamentals of Spanish | |
| SPA 486: Chicano/a Novel: Última Raza y Lala | |
| UNI 110: Critical Reading and Thinking | |

Total Hours: 120
Upper Division Hours: 50 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.





2020 - 2021 Major Map







Marketing (Professional Sales), BS


School/College: W. P. Carey School of Business

Location: Tempe campus

BAMKTPSBS

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  WPC 101: Student Success in Business | 1 | | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement • Join a student club or organization • Create your first college resume |
| CIS 105: Computer Applications and Information Technology (CS) | 3 | C | |
| MAT 210: Brief Calculus (MA) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| SOC course (SB) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
|  Business Skills Courses: No Grades of D or E. | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31.25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| MAT 211: Mathematics for Business Analysis | 3 | C | <ul style="list-style-type: none"> • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Join the W. P. Carey mentorship programs • Explore student leadership opportunities in W. P. Carey • Research study abroad opportunities recommended for your major |
| ECN 211: Macroeconomic Principles (SB) | 3 | C | |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions | 3 | | |
| PSY course (SB) | 3 | | |
|  Complete CIS 105 with a grade of "C" or better. | | | |
|  Complete MAT 210 with a grade of "C" or better. | | | |
|  Business Skills Courses: No Grades of D or E. | | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15.25 | | |

| Term 3 31.25 - 47.50 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ACC 231: Uses of Accounting Information I | 3 | C | <ul style="list-style-type: none"> • Continuing first-year students will take WPC 248, after completing WPC 148 • New transfer students will take WPC 347 • Develop your professional online presence • Explore career resources |
| ECN 212: Microeconomic Principles (SB) | 3 | C | |
| ECN 221: Business Statistics (CS) | 3 | C | |

| | | |
|---|-------|---|
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C |
| Natural Science - Quantitative (SQ) | 4 | |
| General Studies Elective | 3 | |
| ❖ Complete ECN 211 OR ECN 212 with a grade of "C" or better. | | |
| ❖ Complete MAT 211 with a grade of "C" or better. | | |
| ❖ Business Skills Courses: No Grades of D or E. | | |
| ❖ Minimum 2.00 GPA ASU Cumulative. | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 16.25 | |

- Meet with your **W. P. Carey Career Coach**
- Attend **W. P. Carey** and **ASU Career Fairs**

| Term 4 47.50 - 62.50 Credit Hours Critical course signified by ❖ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ❖ MKT 302: Applied Marketing Management and Leadership (L) | 3 | C | <ul style="list-style-type: none"> • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Attend W. P. Carey and ASU career fairs • Apply for internships or create one |
| ACC 241: Uses of Accounting Information II | 3 | C | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| General Studies Elective | 2 | | |
| ❖ Complete ACC 231 with a grade of "C" or better. | | | |
| ❖ Complete ECN 221 with a grade of "C" or better. | | | |
| ❖ Business Skills Courses: No Grades of D or E. | | | |
| ❖ Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 5 62.50 - 77.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ MKT 352: Marketing Research (L) | 3 | C | <ul style="list-style-type: none"> • Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program. • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Meet with your W. P. Carey Career Coach • Update your resume |
| MKT 370: Professional Sales and Relationship Management | 3 | C | |
| WPC 348: Junior Networking Foundations | 0.25 | C | |
| ENG 302: Business Writing (L) | 3 | | |
| SCM 300: Global Supply Operations | 3 | C | |
| General Studies Elective | 3 | | |
| ★ Complete ACC 241 with a grade of "C" or better. | | | |
| Term hours subtotal: | 15.25 | | |

| Term 6 77.75 - 92.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ MKT 402: Consumer Behavior | 3 | C | <ul style="list-style-type: none"> • Complete informational interviews • Complete an in person or virtual practice interview with your W. P. Carey Career Coach |
| MKT 452: Business-to-Business Marketing Strategy | 3 | C | |
| WPC 300: Problem Solving and Actionable Analytics | 3 | C | |
| LES 305: Business Law and Ethics for Managers | 3 | C | |
| Upper Division International Business Elective AND Global Awareness (G) | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 92.75 - 107.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ MKT 410: Sales Management | 3 | C | <ul style="list-style-type: none"> All upper-division Business Core classes (including International Business course) must be completed before enrolling in WPC 480 Attend W. P. Carey and ASU Career Fairs Gather professional references Update your resume |
| MGT 300: Organization and Management Leadership | 3 | C | |
| FIN 300: Fundamentals of Finance | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 107.75 - 120.00 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ MKT 484: Internship | 3 | C | <ul style="list-style-type: none"> MKT 484: Internship must be sales focused Apply for full-time career opportunities |
| ★ WPC 480: W. P. Carey Capstone Course (L) | 3 | C | |
| WPC 448: Senior Career Transition Management | 0.25 | C | |
| Upper Division Professional Sales Concentration Elective | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 12.25 | | |

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.

Hide Course List(s)/Track Group(s)

| | | |
|--|---|--|
| Upper Division Professional Sales Concentration Elective - select one course (3 credits) | Upper Division International Business Course - select one course (3 credit hours) | General Studies Electives |
| MGT 430: Negotiations | AGB 302: International Management and Agribusiness (G) | ASL 101: American Sign Language I |
| MKT 435: Entrepreneurial Marketing | ECN 306: Survey of International Economics (SB & G) | ASL 102: American Sign Language II |
| MKT 442: Services Marketing Strategy | MGT 302: Principles of International Business (G) | ASL 201: American Sign Language III |
| MKT 493: Honors Thesis (L) | MKT 425: Global Marketing Management (G) | ASL 202: American Sign Language IV |
| | SCM 463: Global Supply Chain Management (G) | BIO 320: Fundamentals of Ecology |
| | | CHI 110: Intensive Chinese I |
| | | CHI 205: Chinese Calligraphy |
| | | COM 207: Introduction to Communication Inquiry |
| | | COM 259: Communication in Business and the Professions |
| | | COM 281: Communication Activities |
| | | COM 312: Communication Conflict and Negotiation |
| | | COM 341: Social Contexts for Performance |
| | | COM 414: Crisis Communication |

COM 430: Leadership in Group
Communication

COM 453: Communication Training and
Development

COM 465: Intercultural Communication
Workshop

ENG 210: Introduction to Creative Writing

ENG 213: Introduction to the Study of
Language

ENG 310: Intermediate Creative Writing

ENG 314: Modern Grammar

ENG 345: Selected Authors or Issues

FAS 301: Introduction to Parenting

GCU 433: Geography of Southeast Asia

GRK 101: Elementary Ancient Greek

GRK 201: Intermediate Ancient Greek

HST 389: Japan Society and Values/Premod

JPN 110: Intensive Japanese I

IDN 101: Elementary Indonesian I

IDN 102: Elementary Indonesian II

JPN 206: Japanese Calligraphy

JPN 414: Introduction to Classical Japanese

KOR 101: First-Year Korean I

KOR 102: First-Year Korean II

General Studies Electives Continued

LAT 101: Elementary Latin

LAT 102: Elementary Latin

MAT 242: Elementary Linear Algebra

MAT 243: Discrete Mathematical Structures

MAT 310: Introduction to Geometry

MAT 342: Linear Algebra

MAT 370: Intermediate Calculus

MAT 371: Advanced Calculus I

MAT 372: Advanced Calculus II

MAT 410: Introduction to General Topology

MAT 415: Introduction to Combinatorics

MAT 416: Graph Theory

Business Skills Courses - No Grades of D or E

ACC 231: Uses of Accounting Information I
or ACC 232: Financial Accounting I or ACC
261: Honors Fundamentals of Financial
Accounting

ACC 241: Uses of Accounting Information II
or ACC 242: Managerial Accounting I or ACC
271: Honors Fundamentals of Managerial
Accounting

CIS 105: Computer Applications and
Information Technology (CS) or CIS 236:
Honors Introduction to Information Systems
(CS)

ECN 211: Macroeconomic Principles (SB) or
ECN 213: Honors Macroeconomics (SB)

ECN 212: Microeconomic Principles (SB) or
ECN 214: Honors Microeconomics (SB)

| | |
|---|--|
| MAT 442: Advanced Linear Algebra | ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS) |
| MAT 443: Introduction to Abstract Algebra | |
| MAT 444: Intermediate Abstract Algebra | MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA) |
| MAT 445: Theory of Numbers | |
| MAT 460: Vector Calculus | MAT 211: Mathematics for Business Analysis or MAT 271: Calculus with Analytic Geometry II (MA) |
| MAT 461: Applied Complex Analysis | |
| MAT 462: Applied Partial Differential Equations | |
| MAT 472: Intermediate Real Analysis I | |
| MAT 475: Differential Equations | |
| MAT 485: History of Mathematics | |
| POR 101: Elementary Portuguese I | |
| POR 102: Elementary Portuguese II | |
| ROM 101: Elementary Romanian | |
| ROM 201: Intermediate Romanian | |
| ROM 313: Romanian Composition and Conversation | |
| ROM 314: Romanian Composition and Conversation | |
| RUS 101: Elementary Russian I | |
| RUS 102: Elementary Russian II | |
| SPA 101: Elementary Spanish I | |
| SPA 102: Elementary Spanish II | |
| SPA 111: Fundamentals of Spanish | |
| SPA 486: Chicano/a Novel: <i>Áltima Rafa y Lala</i> | |
| UNI 110: Critical Reading and Thinking | |

Total Hours: 120

Upper Division Hours: 50 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)

- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.

2020 - 2021 Major Map

Supply Chain Management, BS





School/College: W. P. Carey School of Business







Location: Tempe campus


BASCMBBS

FT Fast Track Options: 3 Year

A student must speak with an advisor in order to be added to a fast track plan.

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  WPC 101: Student Success in Business | 1 | | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement • Join a student club or organization • Create your first college resume |
| CIS 105: Computer Applications and Information Technology (CS) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 210: Brief Calculus (MA) | 3 | C | |
| SOC course (SB) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
|  Business Skills Courses: No Grades of D or E | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31.25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions | 3 | | <ul style="list-style-type: none"> • Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options. • Join the W. P. Carey mentorship programs • Explore student leadership opportunities in W. P. Carey • Research study abroad opportunities recommended for your major |
| ECN 211: Macroeconomic Principles (SB) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 211: Mathematics for Business Analysis | 3 | C | |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
| PSY course (SB) | 3 | | |
|  Business Skills Courses: No Grades of D or E | | | |
|  Complete CIS 105 with a grade of "C" or better. | | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Complete MAT 210 with a grade of "C" or better. | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15.25 | | |

| Term 3 31.25 - 47.50 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ACC 231: Uses of Accounting Information I | 3 | C | |

| | | |
|---|-------|---|
| ECN 212: Microeconomic Principles (SB) | 3 | C |
| ECN 221: Business Statistics (CS) | 3 | C |
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C |
| General Studies Elective | 3 | |
| Natural Science - Quantitative (SQ) | 4 | |
| ❖ Business Skills Courses: No Grades of D or E | | |
| ❖ Complete ECN 211 OR ECN 212 with a grade of "C" or better. | | |
| ❖ Complete MAT 211 with a grade of "C" or better. | | |
| ❖ Minimum 2.00 GPA ASU Cumulative. | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 16.25 | |

- Continuing first-year students will take WPC 248, after completing WPC 148
- New transfer students will take WPC 347
- Explore [career resources](#)
- Develop your [professional online presence](#)
- Meet with your [W. P. Carey Career Coach](#)
- Attend [W. P. Carey](#) and [ASU Career Fairs](#)

| Term 4 47.50 - 61.50 Credit Hours Critical course signified by ❖ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ACC 241: Uses of Accounting Information II | 3 | C | |
| SCM 300: Global Supply Operations | 3 | C | |
| General Studies Elective | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Upper Division Elective | 1 | | |
| ❖ Business Skills Courses: No Grades of D or E | | | |
| ❖ Complete ACC 231 with a grade of "C" or better. | | | |
| ❖ Complete ECN 221 with a grade of "C" or better. | | | |
| ❖ Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 14 | | |

- Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your [academic advisor](#) for more information and options.
- Attend [W. P. Carey](#) and [ASU career fairs](#)
- Apply for [internships](#) or [create one](#)

| Term 5 61.50 - 76.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ SCM 315: Business Decision Models | 3 | C | |
| ★ SCM 345: Logistics Management | 3 | C | |
| ENG 302: Business Writing (L) | 3 | | |
| MKT 300: Marketing and Business Performance | 3 | C | |
| WPC 348: Junior Networking Foundations | 0.25 | C | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| ★ Complete ACC 241 with a grade of "C" or better. | | | |
| Term hours subtotal: | 15.25 | | |

- Students pursuing concurrent degrees within [W. P. Carey](#) cannot share coursework in the major. Major coursework must be unique to each degree program.
- Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your [academic advisor](#) for more information and options.
- Meet with your [W. P. Carey Career Coach](#)
- Update your [resume](#)

| Term 6 76.75 - 91.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ SCM 355: Supply Management (L) | 3 | C | |
| ★ SCM 432: Planning and Control Systems for Supply Chain Management | 3 | C | |
| MGT 300: Organization and Management Leadership | 3 | C | |
| SCM 463: Global Supply Chain Management (G) OR Upper Division International Business Course AND Global Awareness (G) | 3 | C | |
| WPC 300: Problem Solving and Actionable Analytics | 3 | C | |

- Complete [informational interviews](#)
- Complete an in person or virtual practice interview with your [W. P. Carey Career Coach](#)
- Meet with your [academic advisor](#) to discuss your internship course options

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal: 15

| Term 7 91.75 - 106.75 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ SCM 455: Research and Negotiation | 3 | C | <ul style="list-style-type: none"> All upper-division Business Core classes (including International Business course) must be completed before enrolling in WPC 480 Attend W. P. Carey and ASU Career Fairs Gather professional references Update your resume |
| ★ SCM 479: Supply Chain Strategy (L) | 3 | C | |
| FIN 300: Fundamentals of Finance | 3 | C | |
| LES 305: Business Law and Ethics for Managers | 3 | C | |
| Elective OR WPC 484: Internship | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 106.75 - 120.00 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ WPC 480: W. P. Carey Capstone Course (L) | 3 | C | <ul style="list-style-type: none"> Apply for full-time career opportunities Meet with your academic advisor to discuss your internship course options |
| WPC 448: Senior Career Transition Management | 0.25 | C | |
| General Studies Elective | 3 | | |
| Upper Division Humanities, Arts and Design (HU) | 3 | | |
| Upper Division Elective | 1 | | |
| Elective OR WPC 484: Internship | 3 | | |
| Term hours subtotal: | 13.25 | | |

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.

Hide Course List(s)/Track Group(s)

| Upper Division International Business Course - select one course (3 credit hours) | General Studies Electives | General Studies Electives Continued |
|---|--|---|
| AGB 302: International Management and Agribusiness (G) | ASL 101: American Sign Language I | LAT 101: Elementary Latin |
| ECN 306: Survey of International Economics (SB & G) | ASL 102: American Sign Language II | LAT 102: Elementary Latin |
| MGT 302: Principles of International Business (G) | ASL 201: American Sign Language III | MAT 242: Elementary Linear Algebra |
| MKT 425: Global Marketing Management (G) | ASL 202: American Sign Language IV | MAT 243: Discrete Mathematical Structures |
| SCM 463: Global Supply Chain Management (G) | BIO 320: Fundamentals of Ecology | MAT 310: Introduction to Geometry |
| | CHI 110: Intensive Chinese I | MAT 342: Linear Algebra |
| | CHI 205: Chinese Calligraphy | MAT 370: Intermediate Calculus |
| | COM 207: Introduction to Communication Inquiry | MAT 371: Advanced Calculus I |
| | COM 259: Communication in Business and the Professions | MAT 372: Advanced Calculus II |
| | COM 281: Communication Activities | MAT 410: Introduction to General Topology |
| | COM 312: Communication Conflict and Negotiation | MAT 415: Introduction to Combinatorics |
| | | MAT 416: Graph Theory |

| | |
|---|---|
| COM 341: Social Contexts for Performance | MAT 442: Advanced Linear Algebra |
| COM 414: Crisis Communication | MAT 443: Introduction to Abstract Algebra |
| COM 430: Leadership in Group Communication | MAT 444: Intermediate Abstract Algebra |
| COM 453: Communication Training and Development | MAT 445: Theory of Numbers |
| COM 465: Intercultural Communication Workshop | MAT 460: Vector Calculus |
| ENG 210: Introduction to Creative Writing | MAT 461: Applied Complex Analysis |
| ENG 213: Introduction to the Study of Language | MAT 462: Applied Partial Differential Equations |
| ENG 310: Intermediate Creative Writing | MAT 472: Intermediate Real Analysis I |
| ENG 314: Modern Grammar | MAT 475: Differential Equations |
| ENG 345: Selected Authors or Issues | MAT 485: History of Mathematics |
| FAS 301: Introduction to Parenting | POR 101: Elementary Portuguese I |
| GCU 433: Geography of Southeast Asia | POR 102: Elementary Portuguese II |
| GRK 101: Elementary Ancient Greek | ROM 101: Elementary Romanian |
| GRK 201: Intermediate Ancient Greek | ROM 201: Intermediate Romanian |
| HST 389: Japan Society and Values/Premod | ROM 313: Romanian Composition and Conversation |
| JPN 110: Intensive Japanese I | ROM 314: Romanian Composition and Conversation |
| IDN 101: Elementary Indonesian I | RUS 101: Elementary Russian I |
| IDN 102: Elementary Indonesian II | RUS 102: Elementary Russian II |
| JPN 206: Japanese Calligraphy | SPA 101: Elementary Spanish I |
| JPN 414: Introduction to Classical Japanese | SPA 102: Elementary Spanish II |
| KOR 101: First-Year Korean I | SPA 111: Fundamentals of Spanish |
| KOR 102: First-Year Korean II | SPA 486: Chicano/a Novel: <i>Áltima Rafa y Lala</i> |
| | UNI 110: Critical Reading and Thinking |

Business Skills Courses - No Grades of D or E

ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting

ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting

CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS)

ECN 211: Macroeconomic Principles (SB) or
ECN 213: Honors Macroeconomics (SB)

ECN 212: Microeconomic Principles (SB) or
ECN 214: Honors Microeconomics (SB)

ECN 221: Business Statistics (CS) or ECN
231: Honors Business Statistics (CS)

MAT 210: Brief Calculus (MA) or MAT 270:
Calculus with Analytic Geometry I (MA)

MAT 211: Mathematics for Business Analysis
or MAT 271: Calculus with Analytic
Geometry II (MA)

Total Hours: 120

Upper Division Hours: 50 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.

2020 - 2021 Major Map

Supply Chain Management, BS

School/College: [W. P. Carey School of Business](#)

Location:
BASCMBBS

and









Sustainability,





BA

[School of Sustainability](#)

SUSUSTBA

In order to complete this concurrent degree in 4 years, you must take courses during the summer. This may impact your financial aid. Financial aid is available to those who apply and qualify, and students may receive funds to help cover costs for each semester of enrollment. The amount of financial aid that a student is eligible for varies depending on prior education experience and other individual factors. [Learn](#) more about summer financial aid and additional ways to cover summer costs.

| Term 1 0 - 17 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ASU 101-SOS: The ASU Experience OR WPC 101: Student Success in Business OR SOS 201: Introduction to ASU and Sustainability | 1 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. ASU 101-SOS or WPC 101 meets this requirement. • SOS 201 required of all Sustainability transfer students • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement or proficiency exam. CLEP and AP credit are also viable options for fulfilling the second language requirement • A score of 4 or 5 on the AP Environmental Science exam fulfills the SOS 110 course requirement |
|  CIS 105: Computer Applications and Information Technology (CS) | 3 | C | |
|  MAT 210: Brief Calculus (MA) | 3 | C | |
|  SOS 110: Sustainable World (SB) OR SOS 111: Sustainable Cities ((HU or SB) & G) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
|  Business Skills Courses: No Grades of D or E | | | |
|  Minimum 2.50 GPA ASU Cumulative. | | | |
|  Minimum 2.50 GPA in BMY, SFS and SOS. | | | |
| Term hours subtotal: | 17 | | |

| Term 2 17 - 33 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  MAT 211: Mathematics for Business Analysis | 3 | C | <ul style="list-style-type: none"> • Join a student club or organization • Create your first college resume • Research study abroad opportunities recommended for your major |
|  SOS 110: Sustainable World (SB) OR SOS 111: Sustainable Cities ((HU or SB) & G) | 3 | C | |
| ECN 211: Macroeconomic Principles (SB) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
|  Business Skills Courses: No Grades of D or E | | | |

❖ Complete ENG 101 OR ENG 105 OR ENG 107 course(s).

❖ Minimum 2.50 GPA ASU Cumulative.

❖ Minimum 2.50 GPA in BMY, SFS and SOS.

Term hours subtotal: 16

| Summer 2 Session 1 33 - 40 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| PSY 101: Introduction to Psychology (SB) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 7 | | |

| Summer 2 Session 2 40 - 43 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ECN 212: Microeconomic Principles (SB) | 3 | C | |
| Term hours subtotal: | 3 | | |

| Term 3 43 - 59 Credit Hours Critical course signified by ❖ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-----------------------------------|
| ❖ ACC 231: Uses of Accounting Information I | 3 | C | • Explore career resources |
| ❖ ECN 221: Business Statistics (CS) | 3 | C | |
| SOS 220: Systems Thinking | 3 | C | |
| SOS 232: Professional Skills in Sustainability Practice | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| ❖ Business Skills Courses: No Grades of D or E | | | |
| ❖ Complete ECN 211 AND ECN 212. | | | |
| ❖ Minimum 2.50 GPA ASU Cumulative. | | | |
| ❖ Minimum 2.50 GPA in BMY, SFS and SOS. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 59 - 76 Credit Hours Critical course signified by ❖ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ❖ ACC 241: Uses of Accounting Information II | 3 | C | • Select one of the following challenge area tracks : Policy and Governance in Sustainable Systems (SOS 321), International Development and Sustainability (SOS 322), or Sustainable Urban Dynamics (SOS 323 OR SOS 465). |
| ❖ SCM 300: Global Supply Operations | 3 | C | |
| Complete 2 courses: SOS 321: Policy and Governance in Sustainable Systems OR SOS 322: International Development and Sustainability OR SOS 323: Sustainable Urban Dynamics OR SOS 324: Sustainable Energy Technology and Systems OR SOS 325: The Economics of Sustainability OR SOS 326: Sustainable Ecosystems OR SOS 327: Sustainable Food and Farms OR SOS 328: Sustainability and Enterprise OR SOS 465: Sustainable Urbanism | 6 | C | • Students must complete the course that corresponds with the track they have chosen, as well as SOS 320 and any two additional track courses, for a total of 12 credit hours of track courses. |
| SOS 231: Careers in Sustainability | 1 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | • Students must complete six credit hours of challenge area/track electives related to the track they select. |
| ❖ Business Skills Courses: No Grades of D or E | | | |
| ❖ Complete SOS 220 course(s). | | | |

📌 Milestone: Select a Sustainability track

📌 Minimum 2.50 GPA ASU Cumulative.

📌 Minimum 2.50 GPA in BMY, SFS and SOS.

Term hours subtotal: 17

| Summer 4 Session 1 76 - 83 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| WPC 300: Problem Solving and Actionable Analytics | 3 | C | |
| Natural Science - General (SG) or Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 7 | | |

| Summer 4 Session 2 83 - 86 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ENG 302: Business Writing (L) | 3 | | |
| Term hours subtotal: | 3 | | |

| Term 5 86 - 104 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ SCM 315: Business Decision Models | 3 | C | • Attend Career Fairs • Apply for internships or create one • Complete informational interviews |
| ★ SCM 345: Logistics Management | 3 | C | |
| MGT 300: Organization and Management Leadership | 3 | C | |
| SOS 311: Future Thinking and Strategies | 3 | C | |
| SOS 320: Society and Sustainability (L or SB) | 3 | C | |
| Upper Division International Development and Sustainability Track - Required Course OR Upper Division Policy and Governance in Sustainable Systems Track - Required Course OR Upper Division Sustainable Urban Dynamics Track - Required Course | 3 | C | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| ★ Minimum 2.50 GPA in BMY, SFS and SOS. | | | |
| Term hours subtotal: | 18 | | |

| Term 6 104 - 122 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ SCM 355: Supply Management (L) | 3 | C | |
| ★ SCM 432: Planning and Control Systems for Supply Chain Management | 3 | C | |
| ★ SCM 463: Global Supply Chain Management (G) OR Upper Division International Business Course | 3 | C | |
| International Development and Sustainability Track - Elective OR | | | |
| ★ Policy and Governance in Sustainable Systems Track - Elective OR Sustainable Urban Dynamics Track - Elective | 3 | C | |
| FIN 300: Fundamentals of Finance | 3 | C | |
| SOS 310: Equity, Justice and Sustainability | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| ★ Minimum 2.50 GPA in BMY, SFS and SOS. | | | |
| Term hours subtotal: | 18 | | |

| Term 7 122 - 138 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|---|---|----|
| ★ SCM 479: Supply Chain Strategy (L) | 3 | C |
| LES 305: Business Law and Ethics for Managers | 3 | C |
| MKT 300: Marketing and Business Performance | 3 | C |
| SCM 455: Research and Negotiation | 3 | C |
| SOS 484: Capstone: Internship | 4 | B- |
| ★ Minimum 2.50 GPA ASU Cumulative. | | |
| ★ Minimum 2.50 GPA in BMY, SFS and SOS. | | |
| Term hours subtotal: | | 16 |

- All upper-division Business Core classes (including International Business course) must be completed before enrolling in WPC 480.

| Term 8 138 - 153 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ WPC 480: W. P. Carey Capstone Course (L) | 3 | C | • Apply for full-time career opportunities |
| SOS 498: Pro-Seminar (L) | 3 | B- | |
| Upper Division International Development and Sustainability Track - Elective OR Upper Division Policy and Governance in Sustainable Systems Track - Elective OR Upper Division Sustainable Urban Dynamics Track - Elective | 3 | C | |
| SOS Upper Division Elective | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) AND Historical Awareness (H) | 3 | | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| ★ Minimum 2.50 GPA in BMY, SFS and SOS. | | | |
| Term hours subtotal: | | 15 | |

- Tracks available for the concurrent degree in Supply Chain Management and the BA in Sustainability:
 - Policy and Governance in Sustainable Systems
 - International Development and Sustainability
 - Sustainable Urban Dynamics

Students may choose any of the upper-division challenge area/track courses, but **must** complete at least the course that corresponds with the track they have chosen (e.g., if the Policy and Governance in Sustainable Systems track is chosen, students should choose SOS 321 and three other challenge area/track courses).

Hide Course List(s)/Track Group(s)

| Upper Division International Business Course - select one course (3 credit hours) | International Development and Sustainability Track | Policy and Governance in Sustainable Systems Track |
|---|---|---|
| AGB 302: International Management and Agribusiness (G) | Required Course: | Required Course: |
| ECN 306: Survey of International Economics (SB & G) | SOS 322: International Development and Sustainability | SOS 321: Policy and Governance in Sustainable Systems |
| MGT 302: Principles of International Business (G) | Electives: | Electives: |
| MKT 425: Global Marketing Management (G) | AFR 340: The Making of Modern Africa (SB & G & H) | AGB 414: Food and Agribusiness Policy Issues (L) |
| | ALT 412: Village Energy Systems | ABS 381: Natural Resources Policy |
| | ASB 100: Introduction to Global Health (SB & G) | BIO 412: Conservation in Practice |

| | |
|--|---|
| FIS 337: Innovation and Global Development (G) | ECN 441: Public Economics (SB) |
| GCU 364: Energy in the Global Arena (SB & G) | GCU 361: Urban Geography (SB) |
| GPH 314: Global Change (HU & G) | GPH 314: Global Change (HU & G) |
| JUS 325: Globalization and Socio-Economic Justice (SB & G) or SGS 325: Globalization and Socio-Economic Justice (SB & G) | HST 345: Environmental History (L) |
| JUS 352: The Global Politics of Human Rights (SB & G) | JUS 332: Politics of Energy Policy and Justice |
| POS 160: Global Politics (SB & G) | PAF 300: Public Management and Administration |
| POS 368: Ethics and Human Rights | PAF 340: Contemporary Policy Challenges |
| POS 486: International Political Economy (SB & G) | PHI 407: Environmental Philosophy and Policy (L or HU) |
| SBS 480: Global Justice (G) | POS 160: Global Politics (SB & G) |
| SGS 301: Principles of Global Studies (G) | POS 300: Contemporary Global Controversies (SB & G) |
| SGS 303: Global Trends (SB & G) | POS 346: Problems of Democracy (HU) |
| SOC 333: Population (SB & G) | POS 351: Democratization (SB & G) |
| STS 330: Information Technology and Globalization (SB & G) | POS 364: National Security Intelligence and Terrorism (SB) |
| STS 332: Global Issues in Science and Technology (SB) | POS 368: Ethics and Human Rights |
| TEM 450: Design for the Developing World | POS 410: Governing American Cities (SB) |
| TEM 455: Global Impact Entrepreneurship | PUP 301: Introduction to Urban Planning (L) |
| WST 378: Global Feminist Theory (L & G) | PUP 430: Transportation Planning and the Environment |
| | SOS 371: Inequality and Sustainability |
| | STS 325: Science Technology and Public Policy (SB) |
| | TCL 340: Chicana/o and Latina/o Politics and Policy (L & C) |

| | |
|--|---|
| Sustainable Urban Dynamics Track | Business Skills Courses - No Grades of D or E |
| Required Course: | ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting |
| SOS 323: Sustainable Urban Dynamics or SOS 465: Sustainable Urbanism | |
| Electives: | ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting |
| ABS 260: Fundamentals of Sustainable Horticulture (SG) | CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS) |
| ABS 364: Urban Forestry | ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB) |
| APH 300: World Architecture I/Western Cultures (HU & H & G) | |
| ALA 100: Introduction to Environmental Design (HU & H & G) | |

| | |
|--|--|
| ALA 102: Landscapes and Sustainability (HU & G) | ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB) |
| ASB 442: Global Cities (SB & G) or SBS 460: Global Cities (SB & G) | ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS) |
| CHE 469: Air Quality Engineering | MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA) |
| GCU 359: Cities of the World I (SB & G & H) | MAT 211: Mathematics for Business Analysis or MAT 271: Calculus with Analytic Geometry II (MA) |
| GCU 361: Urban Geography (SB) | |
| GCU 425: Geography of the Mexican American Borderland ((L or SB) & G) | |
| GCU 442: Geographical Analysis of Transportation (SB) | |
| PAF 220: Introduction to Urban America | |
| PAF 240: Urban Policy (C) | |
| PAF 305: Urban Governance | |
| PAF 351: Urban and Metropolitan Studies | |
| PAF 352: Urban Theory | |
| POS 410: Governing American Cities (SB) | |
| POS 464: Border Cities: Action Research on Globalization (SB & G) | |
| PUP 200: Cities in Cinema (HU & H & G) | |
| PUP 301: Introduction to Urban Planning (L) | |
| PUP 363: History of Planning | |
| PUP 410: Public Participation in Planning | |
| PUP 430: Transportation Planning and the Environment | |
| SBS 450: Topics in Local/Global (SB & G) | |
| SOS 414: Urban and Environmental Health (SB) or ASM 414: Urban and Environmental Health (SB) | |
| SOS 498: Designing a Living Building (L) | |
| STS 325: Science Technology and Public Policy (SB) | |

Total Hours: 153

Upper Division Hours: 50 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)

- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map





Supply Chain Management, BS



School/College: W. P. Carey School of Business





Location: Online

BASCMBBS

| Term 1 - A 0 - 7 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  CIS 105: Computer Applications and Information Technology (CS) | 3 | C | <ul style="list-style-type: none"> An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses Mathematics Placement Assessment score determines placement in mathematics course ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. W. P. Carey students take WPC 101 to fulfill this requirement |
|  WPC 101: Student Success in Business | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  MAT 210: Brief Calculus (MA) | 3 | C | <ul style="list-style-type: none"> View ASU Online first-year student registration information here. Join a student club or organization Create your first college resume |
| SOC course (SB) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
|  Business Skills Courses: No Grades of D or E | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 9 | | |

| Term 2 - A 16 - 22.25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  MAT 211: Mathematics for Business Analysis | 3 | C | <ul style="list-style-type: none"> Join the W. P. Carey mentorship programs Research study abroad opportunities recommended for your major |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
| Term hours subtotal: | 6.25 | | |

| Term 2 - B 22.25 - 31.25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions | 3 | | |
| ECN 211: Macroeconomic Principles (SB) | 3 | C | |
| PSY course (SB) | 3 | | |
|  Business Skills Courses: No Grades of D or E | | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 9 | | |

| Term 3 - A 31.25 - 40.25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | |
|---|---|---|
| ❖ ACC 231: Uses of Accounting Information I | 3 | C |
| ECN 212: Microeconomic Principles (SB) | 3 | C |
| Cultural Diversity in the U.S. (C) | 3 | |
| Term hours subtotal: | 9 | |

- Explore [career resources](#).
- Meet with your [W. P. Carey Career Coach](#)
- Attend [W. P. Carey and ASU Career Fairs](#)

| Term 3 - B 40.25 - 47.50 Credit Hours Critical course signified by ❖ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|---|------|---|
| ❖ ACC 241: Uses of Accounting Information II | 3 | C |
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C |
| Natural Science - Quantitative (SQ) | 4 | |
| ❖ Business Skills Courses: No Grades of D or E | | |
| ❖ Complete ECN 211 AND ECN 212 courses | | |
| ❖ Minimum 2.00 GPA ASU Cumulative. | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 7.25 | |

- Continuing first-year students will take WPC 248, after completing WPC 148
- New transfer students will take WPC 347
- Develop your [professional online presence](#)

| Term 4 - A 47.50 - 54.50 Credit Hours Critical course signified by ❖ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|---|---|---|
| ❖ ECN 221: Business Statistics (CS) | 3 | C |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | |
| Term hours subtotal: | 7 | |

- Attend [W. P. Carey and ASU career fairs](#)
- Apply for [internships](#) or create one

| Term 4 - B 54.50 - 63.50 Credit Hours Critical course signified by ❖ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|---|---|---|
| ❖ SCM 300: Global Supply Operations | 3 | C |
| Complete 2 courses: General Studies Elective | 6 | |
| ❖ Business Skills Courses: No Grades of D or E | | |
| ❖ Minimum 2.00 GPA ASU Cumulative. | | |
| Term hours subtotal: | 9 | |

| Term 5 - A 63.50 - 69.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | |
|---|------|---|
| ★ SCM 315: Business Decision Models | 3 | C |
| MKT 300: Marketing and Business Performance | 3 | C |
| WPC 348: Junior Networking Foundations | 0.25 | C |
| Term hours subtotal: | 6.25 | |

- Meet with your [W. P. Carey Career Coach](#)
- Update your [resume](#)

| Term 5 - B 69.75 - 78.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | |
|--|---|---|
| ★ SCM 345: Logistics Management | 3 | C |
| SCM 463: Global Supply Chain Management (G) OR Upper Division International Business Course AND Global Awareness (G) | 3 | C |
| ENG 302: Business Writing (L) | 3 | |
| Term hours subtotal: | 9 | |

- Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.

| Term 6 - A 78.75 - 84.75 Credit Hours Necessary course signified by | Minimum |
|--|---------|
|--|---------|

| ★ | Hours | Grade | Notes |
|---|-------|-------|-------------------------------------|
| ★ SCM 355: Supply Management (L) | 3 | C | • Complete informational interviews |
| WPC 300: Problem Solving and Actionable Analytics | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 84.75 - 93.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ SCM 432: Planning and Control Systems for Supply Chain Management | 3 | C | • Complete an in person or virtual practice interview with your W. P. Carey Career Coach |
| FIN 300: Fundamentals of Finance | 3 | C | |
| MGT 300: Organization and Management Leadership | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 9 | | |

| Term 7 - A 93.75 - 101.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ SCM 455: Research and Negotiation | 3 | C | • All upper-division Business Core classes (including International Business course) must be completed before enrolling in WPC 480 • Attend W. P. Carey and ASU Career Fairs |
| Upper Division Elective | 2 | | |
| Elective OR WPC 484: Internship | 3 | | |
| Term hours subtotal: | 8 | | |

| Term 7 - B 101.75 - 107.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ SCM 479: Supply Chain Strategy (L) | 3 | C | • Gather professional references • Update your resume |
| LES 305: Business Law and Ethics for Managers | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 107.75 - 114.00 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| WPC 448: Senior Career Transition Management | 0.25 | C | • Apply for full-time career opportunities |
| Upper Division Humanities, Arts and Design (HU) | 3 | | |
| Elective OR WPC 484: Internship | 3 | | |
| Term hours subtotal: | 6.25 | | |

| Term 8 - B 114.00 - 120.00 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ WPC 480: W. P. Carey Capstone Course (L) | 3 | C | |
| General Studies Elective | 3 | | |
| Term hours subtotal: | 6 | | |

- Courses that qualify as meeting the General Studies course requirements can be any non-business university General Studies course (C, CS, G, H, HU, L, MA, SB, SG, SQ) or any course from the additional lists below. Please consult the Schedule of Classes for prerequisite requirements before registration to determine if you are eligible to take the course.

Hide Course List(s)/Track Group(s)

| Upper Division International Business Course - select one (3 credit hours) | General Studies Electives | Business Skills Courses - No Grades of D or E |
|---|--|---|
| AGB 302: International Management and Agribusiness (G) | BIO 320: Fundamentals of Ecology | ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting |
| ECN 306: Survey of International Economics (SB & G) | COM 207: Introduction to Communication Inquiry | ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting |
| MGT 302: Principles of International Business (G) | COM 259: Communication in Business and the Professions | CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS) |
| MKT 425: Global Marketing Management (G) | COM 312: Communication Conflict and Negotiation | ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB) |
| | COM 414: Crisis Communication | ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB) |
| | COM 430: Leadership in Group Communication | ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS) |
| | COM 453: Communication Training and Development | MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA) |
| | ENG 210: Introduction to Creative Writing | MAT 211: Mathematics for Business Analysis or MAT 271: Calculus with Analytic Geometry II (MA) |
| | ENG 310: Intermediate Creative Writing | |
| | ENG 345: Selected Authors or Issues | |
| | FAS 301: Introduction to Parenting | |
| | MAT 242: Elementary Linear Algebra | |
| | MAT 243: Discrete Mathematical Structures | |
| | POR 101: Elementary Portuguese I | |
| | ROM 101: Elementary Romanian | |
| | SPA 101: Elementary Spanish I | |
| | SPA 102: Elementary Spanish II | |

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map





Technological Entrepreneurship and Management, BS




School/College: W. P. Carey School of Business Ira A. Fulton Schools of Engineering


Location: Polytechnic campus

TSTEM2BS

| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  ASU 101-TPS: The ASU Experience OR FSE 310: Transfer Success in Engineering | 1 | | <ul style="list-style-type: none"> ASU 101 is required of all first-year students; FSE 310 is required for all new transfer students; LIA 294 is highly recommended for all new veteran students. An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. Mathematics Placement Assessment score determines placement in mathematics course. Prep for success using the First-Year Student Guide. Join a Fulton community. Explore engineering and technical professions. |
|  TMC 110: Understanding the Enterprise | 3 | C | |
| CIS 105: Computer Applications and Information Technology (CS) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 210: Brief Calculus (MA) | 3 | C | |
| TEM 100: Seminar in Entrepreneurship | 1 | C | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  TEM 200: My Technology Venture | 3 | C | <ul style="list-style-type: none"> Create a Handshake profile. Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
| ECN 211: Macroeconomic Principles (SB) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 211: Mathematics for Business Analysis | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Complete MAT 210 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 46 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  TEM 230: Creativity and Business Innovation | 3 | C | <ul style="list-style-type: none"> Prep for success using the Sophomore Guide. |
| ACC 231: Uses of Accounting Information I | 3 | C | |
| ECN 212: Microeconomic Principles (SB) | 3 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
|  Complete TEM 100 course(s). | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 46 - 61 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|---|----|---|
| ❖ ECN 221: Business Statistics (CS) | 3 | C |
| ACC 241: Uses of Accounting Information II | 3 | C |
| TEM 250: Design Methodology | 3 | C |
| Technical Elective | 3 | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | |
| Term hours subtotal: | 15 | |

- Pursue an undergraduate research experience.
- Apply for internships.
- Attend career fairs and events.

| Term 5 61 - 77 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|--|----|---|
| ★ TMC 330: Leading the Enterprise OR MGT 300: Organization and Management Leadership | 3 | C |
| FIN 300: Fundamentals of Finance | 3 | C |
| FSE 301: Entrepreneurship and Value Creation | 3 | C |
| TMC 310: Promotion of the Enterprise OR MKT 300: Marketing and Business Performance | 3 | C |
| WPC 301: Business Forum | 1 | C |
| Technical Elective | 3 | |
| Term hours subtotal: | 16 | |

- Plan for success using the Junior Guide.
- Network at student organization competitions or professional societies.

| Term 6 77 - 92 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|--|----|---|
| ★ TMC 320: Funding the Enterprise | 3 | C |
| SCM 300: Global Supply Operations | 3 | C |
| TEM 431: Innovation Management OR TEM 330: Systems Innovation | 3 | C |
| TMC 410: Enterprise Operations | 3 | C |
| Literacy and Critical Inquiry (L) | 3 | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |
| Term hours subtotal: | 15 | |

- Research and prepare for graduate school.
- Develop a professional profile online.

| Term 7 92 - 107 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | |
|--|----|---|
| ★ TEM 400: Technology Entrepreneurship | 3 | C |
| AGB 302: International Management and Agribusiness (G) OR ECN 306: Survey of International Economics (SB & G) OR MGT 302: Principles of International Business (G) OR MKT 425: Global Marketing Management (G) OR OMT 440: International Business (G) OR SCM 463: Global Supply Chain Management (G) | 3 | C |
| TMC 430: Enterprise Strategy and Innovation | 3 | C |
| Technical Elective | 3 | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | |
| Term hours subtotal: | 15 | |

- Plan for success using the Senior Guide.
- Use Handshake to apply for full-time positions.
- Complete an in person or virtual practice interview.

| Term 8 107 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|---|---|---|
| ★ TMC 498: Pro-Seminar (L) OR TEM 482: Startup Workshop | 3 | C |
| LES 305: Business Law and Ethics for Managers | 3 | C |
| MGT 430: Negotiations | 3 | C |
| Upper Division Literacy and Critical Inquiry (L) | 3 | |
| Elective | 1 | |

Term hours subtotal: 13

- Students in this program select technical electives consisting of nine credit hours of courses. Recommended technical elective prefixes are listed below. Additional courses may be available. Please check with your academic advisor.

Hide Course List(s)/Track Group(s)

| |
|---------------------|
| Technical Electives |
| AME Elective |
| AMT Elective |
| AST Elective |
| BIO Elective |
| BME Elective |
| BMI Elective |
| CAP Elective |
| CHM Elective |
| CIS Elective |
| CSE Elective |
| EEE Elective |
| EGR Elective |
| ENT Elective |
| FSE Elective |
| GIT Elective |
| GLG Elective |
| HSE Elective |
| IEE Elective |
| IFT Elective |
| IGD Elective |
| MFG Elective |
| MGT Elective |
| MKT Elective |
| OMT Elective |
| PHY Elective |
| PSY Elective |
| SER Elective |
| SES Elective |

TEM Elective

TMC Elective

TWC Elective

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.










2020 - 2021 Major Map

Technological Entrepreneurship and Management, BS

School/College: [W. P. Carey School of Business](#) [Ira A. Fulton Schools of Engineering](#)

Location: [Online](#)

TSTEM2BS

| Term 1 - A 0 - 5 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  ASU 101-TPS: The ASU Experience OR FSE 310: Transfer Success in Engineering | 1 | | <ul style="list-style-type: none"> ASU 101 is required of all first-year students; FSE 310 is required for all new transfer students; LIA 294 is highly recommended for all new veteran students. An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. Mathematics Placement Assessment score determines placement in mathematics course. Prep for success using the First-Year Student Guide. Join a Fulton community. Explore engineering and technical professions. |
| CIS 105: Computer Applications and Information Technology (CS) | 3 | C | |
| TEM 100: Seminar in Entrepreneurship | 1 | C | |
| Term hours subtotal: | 5 | | |
| | | | |
| Term 1 - B 5 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  TMC 110: Understanding the Enterprise | 3 | C | <ul style="list-style-type: none"> View ASU Online first-year student registration information here. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 210: Brief Calculus (MA) | 3 | C | |
| Term hours subtotal: | 9 | | |
| | | | |
| Term 2 - A 14 - 23 Credit Hours | Hours | Minimum Grade | Notes |
| ECN 211: Macroeconomic Principles (SB) | 3 | C | <ul style="list-style-type: none"> Create a Handshake profile. Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 211: Mathematics for Business Analysis | 3 | C | |
| Term hours subtotal: | 9 | | |
| | | | |
| Term 2 - B 23 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  TEM 200: My Technology Venture | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Complete MAT 210 course(s). | | | |
| Term hours subtotal: | 7 | | |
| Term 3 - A 30 - 39 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |

| | | | |
|---|---|---|---|
| ❖ TEM 230: Creativity and Business Innovation | 3 | C | • Prep for success using the Sophomore Guide . |
| ACC 231: Uses of Accounting Information I | 3 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 3 - B 39 - 46 Credit Hours Critical course signified by ❖ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ECN 212: Microeconomic Principles (SB) | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| ❖ Complete TEM 100 course(s). | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 7 | | |

| Term 4 - A 46 - 55 Credit Hours Critical course signified by ❖ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ❖ ECN 221: Business Statistics (CS) | 3 | C | • Pursue an undergraduate research experience . • Apply for internships . • Attend career fairs and events . |
| TEM 250: Design Methodology | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 4 - B 55 - 61 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ACC 241: Uses of Accounting Information II | 3 | C | |
| Technical Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - A 61 - 70 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| TMC 310: Promotion of the Enterprise OR MKT 300: Marketing and Business Performance | 3 | C | • Plan for success using the Junior Guide . • Network at student organization competitions or professional societies. |
| FIN 300: Fundamentals of Finance | 3 | C | |
| FSE 301: Entrepreneurship and Value Creation | 3 | C | |
| Term hours subtotal: | 9 | | |

| Term 5 - B 70 - 77 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ TMC 330: Leading the Enterprise OR MGT 300: Organization and Management Leadership | 3 | C | |
| WPC 301: Business Forum | 1 | C | |
| Technical Elective | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 6 - A 77 - 83 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ TMC 320: Funding the Enterprise | 3 | C | • Research and prepare for graduate school . • Develop a professional profile online . |
| Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 83 - 92 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | |
|--|---|---|
| ★ TEM 431: Innovation Management OR TEM 330: Systems Innovation | 3 | C |
| SCM 300: Global Supply Operations | 3 | C |
| TMC 410: Enterprise Operations | 3 | C |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |
| Term hours subtotal: | 9 | |

| Term 7 - A 92 - 101 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ TEM 400: Technology Entrepreneurship | 3 | C | <ul style="list-style-type: none"> Plan for success using the Senior Guide. Use Handshake to apply for full-time positions. Complete an in person or virtual practice interview. |
| TMC 430: Enterprise Strategy and Innovation | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 7 - B 101 - 107 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| OMT 440: International Business (G) OR ECN 306: Survey of International Economics (SB & G) OR MGT 302: Principles of International Business (G) OR MKT 425: Global Marketing Management (G) OR SCM 463: Global Supply Chain Management (G) | 3 | C | |
| Technical Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 107 - 113 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ TMC 498: Pro-Seminar (L) OR TEM 482: Startup Workshop | 3 | C | |
| MGT 430: Negotiations | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 113 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ LES 305: Business Law and Ethics for Managers | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Elective | 1 | | |
| Term hours subtotal: | 7 | | |

- Students in this program select technical electives consisting of nine credit hours of courses. Recommended technical elective prefixes are listed below. Additional courses may be available. Please check with your academic advisor.

Hide Course List(s)/Track Group(s)

| |
|---------------------|
| Technical Electives |
| AME Elective |
| AMT Elective |
| AST Elective |
| BIO Elective |
| BME Elective |

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BMI Elective
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- CAP Elective
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- CHM Elective
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- CIS Elective
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- CSE Elective
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- EEE Elective
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- EGR Elective
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- ENT Elective
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- GIT Elective
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- GLG Elective
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- HSE Elective
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- IEE Elective
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- IGD Elective
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- MFG Elective
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- MGT Elective
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- MKT Elective
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- OMT Elective
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- PHY Elective
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- PSY Elective
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- SER Elective
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- SES Elective
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- TEM Elective
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- TMC Elective
.....
- TWC Elective
.....

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)

- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.






2020 - 2021 Major Map







Architectural Studies, BSD






School/College: Herberger Institute for Design and the Arts

Location: Tempe campus






ARSTDBSD

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ALA 100: Introduction to Environmental Design (HU & H & G) OR ALA 102: Landscapes and Sustainability (HU & G) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. Design majors take DSC 100 to fulfill this requirement. • Join a student club or professional organization |
|  ALA 121: Design Fundamentals I | 3 | C | |
|  DSC 100: ASU Design Experience | 1 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 170: Precalculus (MA) | 3 | C | |
| Social-Behavioral Sciences (SB) | 3 | | |
|  Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |






| Term 2 16 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|  ALA 100: Introduction to Environmental Design (HU & H & G) OR ALA 102: Landscapes and Sustainability (HU & G) | 3 | C | |
|  ALA 122: Design Fundamentals II | 3 | C | |
|  ALA 124: Design Fundamentals II Lecture | 1 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Elective | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Minimum 2.75 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 46 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  ALA 225: Design Fundamentals III | 4 | C | <ul style="list-style-type: none"> • Develop your professional online presence |
|  ALA 235: Introduction to Computer Modeling (CS) | 3 | C | |
| APH 313: History of Architecture I ((L or HU) & G & H) | 3 | C | |
| PHY 101: Introduction to Physics (SQ) | 4 | | |
|  Complete Mathematics (MA) requirement. | | | |
|  Minimum 3.00 GPA ASU Cumulative. | | | |
| Complete First-Year Composition requirement. | | | |
| Term hours subtotal: | 14 | | |




| | Minimum |
|--|---------|
|--|---------|

| Term 4 46 - 60 Credit Hours Critical course signified by  | Hours | Grade | Notes |
|---|-------|-------|--|
|  ALA 226: Design Fundamentals IV | 4 | C | • Complete an in person or virtual practice interview |
|  ATE 242: Introduction to Architectural Technology | 3 | C | |
| APH 314: History of Architecture II ((L or HU) & G & H) | 3 | C | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
|  Complete PHY 101 course. | | | |
|  Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | | 14 | |

| Term 5 60 - 74 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|------------------------------|
|  ADE 321: Architectural Studio I | 5 | C | • Develop your skills |
|  ATE 361: Architectural Technology I | 3 | C | |
| APH 405: Contemporary Architecture and Urbanism 1970 to the Present (HU & H) | 3 | C | |
| Elective | 3 | | |
|  Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | | 14 | |

| Term 6 74 - 89 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|  ADE 322: Architectural Studio II | 5 | C | |
|  ATE 362: Architectural Technology II | 3 | C | |
| APH 421: First Concepts: What is... The Writing, Philosophy, and Culture of Architecture (L or HU) | 3 | C | |
| Elective | 4 | | |
|  Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
|  Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | | 15 | |

| Term 7 89 - 106 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  ADE 421: Architectural Studio III | 5 | C | • Gather professional references |
| <i>Complete 2 courses:</i> Upper Division Design Professional Elective | 6 | C | |
| Elective OR ARP 484: Internship | 3 | | |
| Elective | 3 | | |
|  Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | | 17 | |

| Term 8 106 - 120 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|  ADE 422: Architectural Studio IV | 5 | C | |
|  ATE 452: Architectural Technology III | 3 | C | |
| <i>Complete 2 courses:</i> Elective | 6 | | |

★ Minimum 3.00 GPA ASU Cumulative.

Term hours subtotal: 14

Hide Course List(s)/Track Group(s)

Design Professional Elective

ADE OR ANP OR APH OR DSC OR GRA
OR IND OR INT OR LAP OR LDE OR LPH
OR LTC Upper Division Elective

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 3.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
**Hrs Resident Credit for
Academic Recognition:** 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.





2020 - 2021 Major Map





Art (Animation), BFA




School/College: Herberger Institute for Design and the Arts




Location: Tempe campus

HIARTANBFA

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ARA 101: ASU: The Art Experience | 1 | | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ARA 101: The Art Experience is required of all first-year art majors only • Select your career interest communities and play me3@ASU. |
|  ART 111: Foundation Drawing | 3 | C | |
|  ART 116: Introduction to Digital Media | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Mathematics (MA) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  ART 112: 2-D Design | 3 | C | <ul style="list-style-type: none"> • Join a student club or professional organization. |
|  ART 115: 3-D Design | 3 | C | |
| ARS 101: Art from Prehistory Through Middle Ages (HU & H) OR ARS 102: Art from Renaissance to Modernism (HU & H) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 3 31 - 47 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  ART 217: Introduction to Computer Animation | 3 | C | <ul style="list-style-type: none"> • Network in your career interest area. |
| ARS 201: Art of Asia (HU & H & G) OR ARS 202: Art of Africa, Oceania, and the Americas (HU & H & G) | 3 | C | |
| 2D Art Course | 3 | C | |
| 3D Art Course | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
|  Complete Mathematics (MA) requirement. | | | |
| Complete First-Year Composition requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 47 - 61 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  ARA 240: Encounters with Contemporary Art | 1 | C | <ul style="list-style-type: none"> • ARA 240: Encounters with Contemporary Art is required for BFA majors; course only offered in spring. |
|  ART 308: 2D Digital Animation | 3 | C | |

| | | |
|---|----|---|
| ARS 445: History of Animation | 3 | C |
| Lower Division Animation Elective | 3 | C |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | |
| Term hours subtotal: | 14 | |

- Explore an **internship**.

| Term 5 61 - 76 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ ART 346: 3-D Computer Imaging and Animation (CS) | 3 | C | <ul style="list-style-type: none"> • Art students cannot take ARA 311 or ARS 300. • Use Handshake to research employment opportunities. |
| ART 417: Storyboarding and Narrative Sequencing | 3 | C | |
| ARS course (HU) Upper Division | 3 | C | |
| ARA OR ARE OR ARS OR ART OR FSH Upper Division Elective | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 76 - 91 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ ART 348: Animation Motion Studies | 3 | C | <ul style="list-style-type: none"> • Art students cannot take ARA 311 or ARS 300. |
| ARA 396: Professional Practices for Design and the Arts | 3 | C | |
| Upper Division Animation Elective (ART prefix only) | 3 | C | |
| ARS Upper Division Elective | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 91 - 106 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ ART 461: Animation Capstone | 3 | C | <ul style="list-style-type: none"> • Art Upper Division Elective course cannot be ARA 311 or ARS 300. • Gather professional references. |
| Upper Division Animation Elective | 3 | C | |
| ARA OR ARE OR ARS OR ART OR FSH Elective | 3 | C | |
| Complete 2 courses: Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 8 106 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ ART 482: Senior Exhibitions/Portfolio | 3 | C | <ul style="list-style-type: none"> • Art students cannot take ARA 311 or ARS 300. • Complete ART 482 Senior Exhibitions/Portfolio and finalize portfolio. |
| Complete 2 courses: Upper Division Animation Elective | 6 | C | |
| ARA OR ARE OR ARS OR ART OR FSH Upper Division Elective | 3 | C | |
| Elective | 2 | | |
| Term hours subtotal: | 14 | | |

Hide Course List(s)/Track Group(s)

| | | |
|-----------------------------|-------------------------------|------------------------------------|
| 2D Art Course | 3D Art Course | Lower Division Animation Electives |
| ART 201: Photography I (HU) | ART 216: Intermedia Practices | AME 130: Prototyping Dreams (L) |

| | | |
|--|---|--|
| ART 204: Photography II: Black and White | ART 218: 3D Tools | AME 210: Media Editing |
| ART 205: Photography II: Color | ART 231: Sculpture I | AME 230: Programming for the Media Arts (CS) |
| ART 206: Digital Photography I | ART 261: Ceramic Survey | AME 244: Introduction to Interactive Environments |
| ART 207: Digital Photography II | ART 272: Introduction to Metals and Jewelry | ARA 202: Understanding Photographs |
| ART 211: Drawing | ART 274: Wood I | ART 206: Digital Photography I |
| ART 214: Figure Drawing | ART 276: Introduction to Textiles | ART 207: Digital Photography II |
| ART 216: Intermedia Practices | FSH 202: Fashion Construction | ART 211: Drawing |
| ART 223: Painting | | ART 216: Intermedia Practices |
| ART 227: Watercolor | | ART 218: 3D Tools |
| ART 253: Introduction to Printmaking | | ART 244: Introduction to Interactive Environments |
| FSH 203: Fashion Illustration | | CPI 111: Game Development I (CS) |
| | | CPI 211: Game Development II |
| | | FMP 201: Film: The Creative Process I (HU) |
| | | FMP 225: Introduction to Visual Effects |
| | | FMP 240: Introduction to Animation for Film |
| | | FMP 255: Media Authorship (CS) |
| | | FMP 261: Principles of Screenwriting |
| | | FMP 280: Introduction to Film and Media Production |
| | | FMS 100: Introduction to Film (HU) |
| | | FMS 110: Introduction to New Media (HU) |
| | | FMS 209: Screenwriting Fundamentals |
| | | GIT 211: Introduction to Video Game Art |

| |
|---|
| Upper Division Animation Elective |
| AME 330: Digital-Physical Systems |
| AME 410: Interactive Materials |
| AME 444: Media Installations |
| AME 494: Animating Virtual Worlds |
| ARA 309: Photography Now |
| ARA 396: Professional Practices for Design and the Arts |
| ART 300: Photo Editing: Narrative/Non-Narrative |
| ART 311: Intermediate Drawing |
| ART 312: Illustration |

ART 314: Intermediate Figure Drawing

ART 317: Advanced Digital Photography

ART 323: Intermediate Painting

ART 325: Figure Painting

ART 331: Sculpture II

ART 332: Sculpture III

ART 394: Fantasy Figure Foam Carving

ART 411: Drawing IV

ART 424: Stop Motion Animation

ART 428: Video and Sound as Sculptural Materials

ART 438: Moving and Interactive Systems in Sculpture

ART 439: Intermedia Studio

ART 440: Experimental Video Art

ART 449: Computer Animation and Video

ART 494: Time Narrative & the Multiple

ART 494: Visual Prototyping

ART 494: Women/Art/Technology

FMP 325: Guerilla VFX

FMS 351: Emerging Digital Media

FMS 354: Critical Studies in Animation

FMS 394: Writing for Video Games

FMS 409: Advanced Screenwriting

FMS 442: Experimental Narrative

FMS 494: Contemporary Television and New Media

CPI 311: Game Engine Development

CPI 321: Fundamentals of Game Art

CPI 411: Graphics for Games

CPI 421: 3-D Modeling and Texturing

GIT 312: 3-D Computer Graphics Modeling and Representation (CS)

GIT 411: Computer Animation

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum

General University Requirements Legend
 General Studies Core Requirements:

Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map




Art (Art Education), BFA




School/College: Herberger Institute for Design and the Arts


Location: Tempe campus

FAARTEBFA

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  ARA 101: ASU: The Art Experience | 1 | | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course • ARA 101: The Art Experience is required of all first-year art majors only • Select your Career Interest Communities and play me3@ASU. |
| <i>Complete 2 courses:</i> | | | |
|  ART 111: Foundation Drawing OR ART 112: 2-D Design OR ART 113: Color OR ART 115: 3-D Design | 6 | C | |
| ARS 101: Art from Prehistory Through Middle Ages (HU & H) OR ARS 102: Art from Renaissance to Modernism (HU & H) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Mathematics (MA) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| <i>Complete 2 courses:</i> | | | <ul style="list-style-type: none"> • Teachers College requirement: SPE 222 (SB) required for students pursuing K-12 certification. • Join a student club or professional organization |
|  ART 111: Foundation Drawing OR ART 112: 2-D Design OR ART 113: Color OR ART 115: 3-D Design | 6 | C | |
| ARS 101: Art from Prehistory Through Middle Ages (HU & H) OR ARS 102: Art from Renaissance to Modernism (HU & H) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) OR SPE 222: Orientation to Education of Exceptional Children (SB & C) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 3 31 - 47 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  ARE 250: Teaching Inquiry in Art | 3 | B- | <ul style="list-style-type: none"> • Minimum grade of B- or better in ARE 250 is required. • Teachers College requirement: GCU 113 is recommended for students seeking teacher certification since it meets the US and AZ constitution requirement for teachers. • Professional connections -- join the ASU Mentor Network |
| 2D Art Course | 3 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Social-Behavioral Sciences (SB) OR GCU 113: United States and Arizona Social Studies (SB & H) | 3 | | |
|  Complete Mathematics (MA) requirement. | | | |
| Complete First-Year Composition requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 47 - 63 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|--|----|---|
| ◆ 2D or 3D Art Course | 3 | C |
| 3D Art Course | 3 | C |
| Literacy and Critical Inquiry (L) AND Global Awareness (G) | 3 | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | |
| Upper Division Elective | 3 | |
| ◆ Complete Natural Science - Quantitative (SQ) OR Natural Science - General (SG) course(s). (Teachers College requirement) | | |
| Term hours subtotal: | 16 | |

- Teachers College requirement: Apply for Identity Verified Print (IVP) **DPS fingerprint card**.
- Develop your **skills**
- Create a first draft **resume**

| Term 5 63 - 78 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ ARE 370: Teaching Visual Culture | 3 | C | <ul style="list-style-type: none"> • Students must complete 6 hours of upper division ARS coursework (not from ARS 300). Must include one Asian/African/Native Am./Latin Am. Focus and one Modern Focus course. • Teachers College requirement: Complete the Intent to Progress form. Need a 2.5 ASU GPA in order to apply (meet with major advisor to complete this form). • Teachers College requirement: Submit copy of IVP DPS fingerprint clearance card to Teachers College or upload copy to Intent to Progress form. • Teachers College requirement: Attend Teachers College Enrollment Workshop if pursuing K-12 certification. • Use Handshake to research employment opportunities |
| ARE 446: Multicultural Issues in Art Education | 3 | C | |
| Upper Division Art History Asian/African/Native Am./Latin Am. Focus | 3 | C | |
| Complete 2 courses: Art Education Proficiency Course | 6 | C | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ ARE 482: Teaching Art Processes | 3 | C | <ul style="list-style-type: none"> • Students must complete 6 hours of upper division ARS coursework (not from ARS 300). Must include one Asian/African/Native Am./Latin Am. Focus and one Modern course. • Teachers College requirement: Students pursuing K-12 certification should meet with major advisor to discuss the remaining certification requirements and to properly plan their electives. |
| Upper Division Art History Modern Focus | 3 | C | |
| Art Education Proficiency Course | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) | 3 | | |
| Upper Division Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | |
|---|----|---|
| ★ ARE 486: Art Education: Strategies and Applications | 3 | C |
| <i>Complete 2 courses:</i> | | |
| Upper Division Art Education Proficiency Course | 6 | C |
| Upper Division Literacy and Critical Inquiry (L) OR TEL 315: Child and Adolescent Development (L or SB) | 3 | |
| Upper Division Elective | 3 | |
| Term hours subtotal: | 15 | |

- Teachers College requirement: TEL 315 required for students pursuing K-12 certification.
- Teachers College requirement: Students pursuing K-12 certification should meet with major advisor to discuss the remaining certification requirements and to properly plan their electives.
- Teachers College requirement: Students pursuing K-12 certification will enroll in an internship course (SED 398) and be expected to complete 75 hrs over 12 weeks in a K-12th grade classroom. Reliable transportation is required to get to school sites.
- Gather **professional references**

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ ARE 496: Methods and Assessment of Learning in Art | 3 | C | |
| <i>Complete 2 courses:</i> | | | |
| Upper Division Art Education Proficiency Course | 6 | C | |
| Upper Division Elective OR BLE 407: SEI for Secondary Students (L) | 3 | | |
| Term hours subtotal: | 12 | | |

- Teachers College requirement: Students pursuing K-12 certification should meet with major advisor to discuss the remaining certification requirements and to properly plan their electives.
- Teachers College requirement: Students pursuing K-12 certification will enroll in an internship course (SED 496) and be expected to complete 75 hrs over 12 weeks in a K-12th grade classroom. Reliable transportation is required to get to school sites.
- Apply for **full-time career opportunities**

Hide Course List(s)/Track Group(s)

| 2D Art Course | 3D Art Course | 2D or 3D Art Course |
|--|---|--|
| ART 201: Photography I (HU) | ART 216: Intermedia Practices | ART 201: Photography I (HU) |
| ART 204: Photography II: Black and White | ART 217: Introduction to Computer Animation | ART 204: Photography II: Black and White |
| ART 205: Photography II: Color | ART 218: 3D Tools | ART 205: Photography II: Color |
| ART 211: Drawing II | ART 231: Sculpture I | ART 211: Drawing II |
| ART 214: Figure Drawing | ART 261: Ceramic Survey | ART 214: Life Drawing I |
| ART 223: Painting | ART 272: Introduction to Metals and Jewelry | ART 216: Intermedia Practices |

| | | |
|--|--|---|
| ART 227: Watercolor | ART 274: Wood I | ART 217: Introduction to Computer Animation |
| ART 253: Introduction to Printmaking | ART 276: Fibers I | ART 218: 3D Tools |
| FSH 203: Fashion Illustration | FSH 202: Fashion Construction | ART 223: Painting I |
| | | ART 227: Watercolor I |
| | | ART 231: Sculpture I |
| | | ART 253: Introduction to Printmaking |
| | | ART 261: Ceramic Survey |
| | | ART 272: Introduction to Metals and Jewelry |
| | | ART 274: Wood I |
| | | ART 276: Fibers I |
| | | FSH 202: Fashion Construction |
| | | FSH 203: Fashion Illustration |
| Art History Asian/African/Native Am./Latin Am. Focus | Art History Modern Focus | Art Education Proficiency Courses (Requires approval; see Note in term 4) |
| ARS 362: Survey of Aztec Maya and Inka Art (HU) | ARS 330: The Portrait (HU) | ARA Elective |
| ARS 369: Mexican Art (HU) | ARS 340: Art in America (HU & H) | ARE Elective |
| ARS 394: Anime | ARS 345: Art and Television | ARS Elective |
| ARS 394: Egyptian Art and Culture | ARS 370: The Art of the Comic | ART Elective |
| ARS 394: Islamic Art | ARS 394: Modern and Contemporary Chinese Art | |
| ARS 394: Modern and Contemporary Chinese Art | ARS 435: The Pre-Raphaelites | |
| ARS 402: Art of Ancient Egypt (HU & H) | ARS 438: Art of the 20th Century I (HU & H) | |
| ARS 444: Films of India | ARS 439: Art of the 20th Century II (HU & H) | |
| ARS 465: Native Art of North America (HU & C & H) | ARS 440: Identity and World Film (C) | |
| ARS 472: Art of China (HU) | ARS 443: Artists in Film: Artists' Biopics | |
| ARS 473: Art of Japan (HU) | ARS 485: Women in the Visual Arts (L) | |
| ARS 475: Chinese Painting (HU) | ARS 494: History of Animation | |
| ARS 494: Art of the Inka and their Ancestors | | |
| ARS 494: Global Textiles and Fashion | | |
| ARS 494: Oceanic Art | | |

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map




Art (Art History), BA



School/College: Herberger Institute for Design and the Arts

Location: Tempe campus

FAARTHBA

| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  ARA 101: ASU: The Art Experience | 1 | | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ARA 101: The Art Experience is required of all first-year art majors. • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. • Select your Career Interest Communities and play me3@ASU. |
|  ARS 101: Art from Prehistory Through Middle Ages (HU & H) OR ARS 102: Art from Renaissance to Modernism (HU & H) | 3 | C | |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| Mathematics (MA) | 3 | | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), not including American Sign Language IV . | 4 | C | |
| Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  ARS 101: Art from Prehistory Through Middle Ages (HU & H) OR ARS 102: Art from Renaissance to Modernism (HU & H) | 3 | C | <ul style="list-style-type: none"> • Join a student club or professional organization. |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), not including American Sign Language IV . | 4 | C | |
| Elective | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 43 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  ARS 201: Art of Asia (HU & H & G) OR ARS 202: Art of Africa, Oceania, and the Americas (HU & H & G) OR ARS 250: History of Photography (HU) | 3 | C | <ul style="list-style-type: none"> • ARS Elective cannot be ARS 100 or ARS 300. • Build your professional connections -- join the ASU Mentor Network |
| ARS Elective | 3 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), not including American Sign Language IV . | 4 | C | |
| Term hours subtotal: | 13 | | |

❗ Complete Mathematics (MA) requirement.

Minimum 3.00 GPA ASU Cumulative.

Term hours subtotal: 13

| Term 4 43 - 59 Credit Hours Critical course signified by ❗ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ❗ ARS 201: Art of Asia (HU & H & G) OR ARS 202: Art of Africa, Oceania, and the Americas (HU & H & G) OR ARS 250: History of Photography (HU) | 3 | C | <ul style="list-style-type: none"> • Create a first draft resume. • Explore an internship. |
| Second Language: Requirement satisfied through the following: ❗ * Completion of a language course at the intermediate level (202 or equivalent), not including American Sign Language IV . | 4 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete 2 courses: Elective | 5 | | |
| Term hours subtotal: | 16 | | |

| Term 5 59 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ Upper Division Art History Asian/African/Native Am./Latin Am. | 3 | C | <ul style="list-style-type: none"> • Art Elective cannot be ARA 311. • Use Handshake to research employment opportunities. |
| Upper Division Art History Renaissance/ Baroque Focus | 3 | C | |
| ARA OR ARE OR APH OR ART Elective | 3 | C | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| Upper Division Art History Ancient/Medieval Focus | 3 | C | <ul style="list-style-type: none"> • Art Elective cannot be ARA 311. |
| Upper Division Art History Modern Focus | 3 | C | |
| ARA OR ARE OR APH OR ART Elective | 3 | C | |
| Complete 2 courses: Upper Division Elective | 6 | | |
| Term hours subtotal: | 15 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ ARS 480: Research Methods (L) | 3 | C | <ul style="list-style-type: none"> • Art Elective cannot be ARA 311. • ARS elective cannot be ARS 300. • Gather professional references. |
| ARS Upper Division Elective | 3 | C | |
| ARA OR ARE OR APH OR ART Elective | 3 | C | |
| Complete 2 courses: Upper Division Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ ARS 498: Pro-Seminar (L) | 3 | C | <ul style="list-style-type: none"> • ARS elective cannot be ARS 300. |
| ARS course (HU) Upper Division | 3 | C | |
| ARS Upper Division Elective | 3 | C | |

Complete 2 courses:
Upper Division Elective

6

Term hours subtotal: 15

- ARS 498 Pro-Seminar: Students will engage in research and a sustained writing project.
- Apply for full-time career opportunities.

Hide Course List(s)/Track Group(s)

| Art History Ancient/Medieval Focus | Art History Modern Focus | Art History Renaissance/ Baroque Focus |
|--|---|--|
| ARS 394: Art and Myth of the Classical World | ARS 330: The Portrait (HU) | ARS 310: The Renaissance in Tuscany |
| ARS 394: Egyptian Art and Culture | ARS 340: Art in America (HU & H) | ARS 330: The Portrait (HU) |
| ARS 394: Greek Myth in Western Art | ARS 345: Art and Television | ARS 394: Art of Italian Renaissance |
| ARS 394: Islamic Art | ARS 370: The Art of the Comic | ARS 394: Masterpieces Giotto to Rembrandt |
| ARS 394: Medieval Art: Cross-Cultural Perspectives | ARS 394: Modern and Contemporary Chinese Art | ARS 418: German Renaissance and Reformation Art (HU) |
| ARS 402: Art of Ancient Egypt (HU & H) | ARS 435: The Pre-Raphaelites | ARS 422: Italian High Renaissance Art and Mannerism (HU) |
| ARS 404: Greek Art (HU & H) | ARS 438: Art of the 20th Century I (HU & H) | ARS 424: Italian Baroque Art (HU & H) |
| ARS 406: Roman Art (HU & H) | ARS 439: Art of the 20th Century II (HU & H) | ARS 498: Animals and Art Med Ren (L) |
| ARS 414: Monasteries Madonnas and Manuscripts (HU & H) | ARS 440: Identity and World Film (C) | |
| ARS 498: Animals and Art Med Ren (L) Gender Issues in Greek Art (L) Pompeii & Herculaneum (L) Tutankahmen & His Times (L) | ARS 443: Artists in Film: Artists' Biopics | |
| | ARS 485: Women in the Visual Arts (L) | |
| | ARS 494: History of Animation | |
| | ARS 498: Art & Technology (L) Art and Money (L) Fakes and Forgeries in Art (L) New Woman Artist 1900-1945 (L) Self Trauma and Affect in Art (L) Surrealism & Ethnography (L) Theories Modern Sculpture (L) Visual Culture Studies (L) | |
| Art History Asian/African/Native Am./Latin Am. Focus | | |
| ARS 362: Survey of Aztec Maya and Inka Art (HU) | | |
| ARS 369: Mexican Art (HU) | | |
| ARS 394: Anime | | |
| ARS 394: Islamic Art | | |
| ARS 394: Modern and Contemporary Chinese Art | | |
| ARS 444: Films of India | | |
| ARS 465: Native Art of North America (HU & C & H) | | |
| ARS 472: Art of China (HU) | | |

ARS 473: Art of Japan (HU)

ARS 475: Chinese Painting (HU)

ARS 494: Art of the Inka and their Ancestors

ARS 494: Global Textiles and Fashion

ARS 494: Oceanic Art

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map



Art (Art History), BA

School/College: [Herberger Institute for Design and the Arts](#)


Location: [Online](#)

FAARTHBA

| Term 1 - A 0 - 7 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ARS 101: Art from Prehistory Through Middle Ages (HU & H) OR ARS 102: Art from Renaissance to Modernism (HU & H) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses. • ASU 101 or College specific equivalent First Year Seminar required of all first-year students. • Mathematics Placement Assessment score determines placement in mathematics course. |
| ASU 101-HDA: The ASU Experience | 1 | | |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107: First-Year Composition or ENG 108: First-Year Composition | | | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 13 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  ARS 101: Art from Prehistory Through Middle Ages (HU & H) OR ARS 102: Art from Renaissance to Modernism (HU & H) | 3 | C | <ul style="list-style-type: none"> • View ASU Online first-year student registration information here. • Play me3@ASU. |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107: First-Year Composition or ENG 108: First-Year Composition | | | |
| Term hours subtotal: | 6 | | |



| Term 2 - A 13 - 19 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ARS 201: Art of Asia (HU & H & G) OR ARS 202: Art of Africa, Oceania, and the Americas (HU & H & G) OR ARS 250: History of Photography (HU) | 3 | C | |
| Mathematics (MA) | 3 | | |
| Term hours subtotal: | 6 | | |



| Term 2 - B 19 - 25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  ARS 201: Art of Asia (HU & H & G) OR ARS 202: Art of Africa, Oceania, and the Americas (HU & H & G) OR ARS 250: History of Photography (HU) | 3 | C | <ul style="list-style-type: none"> • Think about joining a club or civic group in your area of career interest. |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 6 | | |

| Term 3 - A 25 - 32 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ARS Upper Division Elective | 3 | C | <ul style="list-style-type: none"> • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to |
| Second Language: Requirement satisfied through the following: *Completion of a language course at the intermediate level (202 or equivalent), not including American Sign Language. | 4 | C | |


Term hours subtotal: 7

take a placement exam, regardless of prior credit earned.

| Term 3 - B 32 - 39 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| Second Language: Requirement satisfied through the following: *Completion of a language course at the intermediate level (202 or equivalent), not including American Sign Language. | 4 | C | <ul style="list-style-type: none"> • Career steps: Shadow someone in the job/career you are considering. |
| Social-Behavioral Sciences (SB) | 3 | | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 7 | | |

| Term 4 - A 39 - 46 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|  ARA OR ARE OR APH OR ART Elective | 3 | C | |
| Second Language: Requirement satisfied through the following: *Completion of a language course at the intermediate level (202 or equivalent), not including American Sign Language. | 4 | C | |
| Term hours subtotal: | 7 | | |

| Term 4 - B 46 - 53 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| Second Language: Requirement satisfied through the following: *Completion of a language course at the intermediate level (202 or equivalent), not including American Sign Language. | 4 | C | <ul style="list-style-type: none"> • Create a first draft resume |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 5 - A 53 - 60 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|  Upper Division Art History Asian/African/Native Am./Latin Am. Focus | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 5 - B 60 - 66 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| Upper Division Art History Ancient/Medieval Focus | 3 | C | <ul style="list-style-type: none"> • Explore internships in your area |
| ARA OR ARE OR APH OR ART Elective | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 6 - A 66 - 72 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| Upper Division Art History Renaissance/Baroque Focus | 3 | C | |
| ARS Elective | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 72 - 79 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| Upper Division Art History Modern Focus | 3 | C | <ul style="list-style-type: none"> • Use Handshake to research employment opportunities |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
|  Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |

Term hours subtotal: 7

| Term 7 - A 79 - 85 Credit Hours | Hours | Minimum Grade | Notes |
|---------------------------------|-------|---------------|-------|
|---------------------------------|-------|---------------|-------|

Complete 2 courses:
Upper Division Elective

6

Term hours subtotal: 6

| Term 7 - B 85 - 91 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

★ ARA OR ARE OR APH OR ART Elective
Elective

3

C

3

Term hours subtotal: 6

| Term 8 - A 91 - 97 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

★ ARS Upper Division Elective
Upper Division Elective

3

C

3

Term hours subtotal: 6

| Term 8 - B 97 - 103 Credit Hours | Hours | Minimum Grade | Notes |
|----------------------------------|-------|---------------|-------|
|----------------------------------|-------|---------------|-------|

Complete 2 courses:
Upper Division Elective

6

Term hours subtotal: 6

| Term 9 - A 103 - 109 Credit Hours | Hours | Minimum Grade | Notes |
|-----------------------------------|-------|---------------|-------|
|-----------------------------------|-------|---------------|-------|

ARS course (HU) Upper Division
Upper Division Elective

3

C

3

Term hours subtotal: 6

- Gather professional references

| Term 9 - B 109 - 115 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

★ ARS 480: Research Methods (L)
Elective

3

C

3

Term hours subtotal: 6

- Apply for full-time career opportunities

| Term 10 - A 115 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

★ ARS 498: Pro-Seminar (L)
Elective

3

C

2

Term hours subtotal: 5

- ARS 498 Pro-Seminar: Students will engage in research and a sustained writing project.

Hide Course List(s)/Track Group(s)

| | | |
|--|--|----------------------------------|
| Art History Asian/African/Native Am./Latin Am. Focus | Art History Ancient/Medieval Focus | Art History Modern Focus |
| ARS 369: Mexican Art (HU) | ARS 394: Art and Myth of the Classical World | ARS 340: Art in America (HU & H) |
| ARS 394: Anime | ARS 394: Egyptian Art and Culture | ARS 345: Art and Television |
| | | ARS 435: The Pre-Raphaelites |

| | | |
|---|---|---|
| ARS 394: Islamic Art | ARS 394: Islamic Art | ARS 438: Art of the 20th Century I (HU & H) |
| ARS 472: Art of China (HU) | ARS 402: Art of Ancient Egypt (HU & H) | ARS 440: Identity and World Film (C) |
| ARS 494: Global Textiles and Fashion | ARS 498: Greek Sculpture: Geometric through Hellenistic (L) | ARS 485: Women in the Visual Arts (L) |
| ARS 494: Oceanic Art | | ARS 494: History of Animation |
| ARS 498: Contemporary Art of Asia (L) | | ARS 498: Contemporary Art of Asia (L) |
| Art History Renaissance/ Baroque Focus | | |
| ARS 330: The Portrait (HU) | | |
| ARS 394: Art of Italian Renaissance | | |
| ARS 498: The Renaissance Book: Graphics (L) | | |

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map




Art (Art Studies), BA





School/College: Herberger Institute for Design and the Arts


Location: Tempe campus


FAARTSTDBA

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  ARA 101: ASU: The Art Experience | 1 | | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ARA 101: The Art Experience is required of all first-year art majors only. • Select your Career Interest Communities and play me3@ASU. |
| <i>Complete 2 courses:</i> | | | |
|  ART 111: Foundation Drawing OR ART 112: 2-D Design OR ART 113: Color or ART 116: Introduction to Digital Media OR ART 115: 3-D Design | 6 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Mathematics (MA) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 16 | | |


| Term 2 16 - 31 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| <i>Complete 2 courses:</i> | | | <ul style="list-style-type: none"> • Students should complete either ART 113 or 116, not both. • ART 113 is a prerequisite to painting and watercolor classes. • Join a student club or professional organization |
|  ART 111: Foundation Drawing OR ART 112: 2-D Design OR ART 113: Color or ART 116: Introduction to Digital Media OR ART 115: 3-D Design | 6 | C | |
| ARS 101: Art from Prehistory Through Middle Ages (HU & H) OR ARS 102: Art from Renaissance to Modernism (HU & H) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |


| Term 3 31 - 47 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  2D Art Course | 3 | C | <ul style="list-style-type: none"> • Build your professional connections -- join the ASU Mentor Network |
|  3D Art Course | 3 | C | |
| ARS 201: Art of Asia (HU & H & G) OR ARS 202: Art of Africa, Oceania, and the Americas (HU & H & G) | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
|  Complete Mathematics (MA) requirement. | | | |
| Complete First-Year Composition requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 47 - 61 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|


| | | |
|--|----|---|
|  Complete 2 courses: 2D or 3D Art Course | 6 | C |
| ARA 240: Encounters with Contemporary Art | 1 | C |
| Computer/Statistics/Quantitative Applications (CS) | 3 | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | |
| Term hours subtotal: | 14 | |

- ARA 240: Encounters with Contemporary Art is required for Art majors; course is only offered in spring.
- Create a first draft **resume**
- Explore an **internship**

| Term 5 61 - 76 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|


| | | |
|--|----|---|
|  ARA OR ARE OR ARS OR ART OR FSH Elective | 3 | C |
| Upper Division Related Studies Elective | 3 | C |
| Performing Arts Elective | 3 | C |
| ARS Upper Division Elective AND Upper Division Humanities, Arts and Design (HU) | 3 | C |
| ARS Upper Division Elective | 3 | C |
| Term hours subtotal: | 15 | |


- Art Elective course cannot be ARA 311, ARS 100 or ARS 300.
- Work with academic advisor to develop performing arts and history of performance and related studies coursework plan.
- If interested in Animation, please refer to possible Animation related electives for art, performing arts, and art related coursework options.
- Use Handshake to research **employment opportunities**

| Term 6 76 - 90 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|


| | | |
|--|----|---|
|  Upper Division Performing Arts Elective | 3 | C |
| Upper Division Related Studies Elective | 3 | C |
| ARA OR ARE OR ARS OR ART OR FSH Upper Division Elective | 3 | C |
| Upper Division Elective OR ART 484: Internship | 3 | |
| Elective | 2 | |
|  Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |
| Term hours subtotal: | 14 | |


- Art Upper Division Elective course cannot be ARA 311 or ARS 300.
- If interested in Animation, please refer to possible Animation related electives for art, performing arts, and art related coursework options.

| Term 7 90 - 105 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | |
|---|----|---|
|  Upper Division Related Studies Elective | 3 | C |
| ARA OR ARE OR ARS OR ART OR FSH Upper Division Elective | 3 | C |
| Upper Division Performing Arts Elective | 3 | C |
| Upper Division Literacy and Critical Inquiry (L) | 3 | |
| Elective | 3 | |
| Term hours subtotal: | 15 | |

- Art Upper Division Elective course cannot be ARA 311 or ARS 300.
- If interested in Animation, please refer to possible Animation related electives for art, performing arts, and art related coursework options.
- Gather **professional references**

| Term 8 105 - 120 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|---|----|---|
|  ARA OR ARE OR ARS OR ART OR FSH Upper Division Elective | 3 | C |
| Upper Division Performing Arts Elective | 3 | C |
| Complete 2 courses: | | |
| Upper Division Elective | 6 | |
| Elective | 3 | |
| Term hours subtotal: | 15 | |

- Art Upper Division Elective course cannot be ARA 311 or ARS 300.
- If interested in Animation, please refer to possible Animation related electives for art, performing arts, and art related coursework options.
- Apply for full-time **career opportunities**

Hide Course List(s)/Track Group(s)

| 2D Art Course | 3D Art Course | 2D or 3D Art Course |
|--|--|--|
| ART 201: Photography I (HU) | ART 216: Intermedia Practices | ART 201: Photography I (HU) |
| ART 204: Photography II: Black and White | ART 217: Introduction to Computer Animation | ART 204: Photography II: Black and White |
| ART 205: Photography II: Color | ART 218: 3D Tools | ART 205: Photography II: Color |
| ART 211: Drawing II | ART 231: Sculpture I | ART 211: Drawing II |
| ART 214: Figure Drawing | ART 261: Ceramic Survey | ART 214: Figure Drawing |
| ART 223: Painting | ART 272: Introduction to Metals and Jewelry | ART 216: Intermedia Practices |
| ART 227: Watercolor | ART 274: Wood I | ART 217: Introduction to Computer Animation |
| ART 253: Introduction to Printmaking | ART 276: Fibers I | ART 218: 3D Tools |
| FSH 203: Fashion Illustration | FSH 202: Fashion Construction | ART 223: Painting |
| | | ART 227: Watercolor |
| | | ART 231: Sculpture I |
| | | ART 253: Introduction to Printmaking |
| | | ART 261: Ceramic Survey |
| | | ART 272: Introduction to Metals and Jewelry |
| | | ART 274: Wood I |
| | | ART 276: Fibers I |
| | | FSH 202: Fashion Construction |
| | | FSH 203: Fashion Illustration |
| Performing Arts Electives | Upper Division Related Studies Electives | Suggested Animation and Related Courses |
| DCE Elective | Choose a course related to art outside of the School of Art from the subjects below: | ART 346: 3-D Computer Imaging and Animation (CS) |
| FMP Elective | AFR Upper Division Elective | ART 348: Animation Motion Studies |
| MHL Elective | AIS Upper Division Elective | ART 394: 2D Computer Animation for Non-Majors |
| MTC Elective | APA Upper Division Elective | ART 394: Illustration |
| MUE Elective | ASB Upper Division Elective | ART 417: Storyboarding and Narrative Sequencing |
| MUP Elective | FMS Upper Division Elective | ART 424: Stop Motion Animation |
| MUS Elective | HST Upper Division Elective | ART 428: Video and Sound as Sculptural Materials |
| THE Elective | REL Upper Division Elective | ART 438: Moving and Interactive Systems in Sculpture |
| THF Elective | TCL Upper Division Elective | ART 440: Experimental Video Art |
| THP Elective | WST Upper Division Elective | |
| | Upper Division Humanities Arts and Design (HU) | |

Upper Division Literacy and Critical Inquiry
(L)

ART 494: Documentary Video Art

ART 494: Visual Prototyping

DCE 240: Media for Dance (CS)

FMP 225: Introduction to Visual Effects

FMP 325: Guerilla VFX

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.





2020 - 2021 Major Map




Art (Ceramics), BFA





School/College: Herberger Institute for Design and the Arts




Location: Tempe campus

FAARTCBFA

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  ARA 101: ASU: The Art Experience | 1 | | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ARA 101: The Art Experience is required of all first-year art majors only. • Select your Career Interest Communities and play me3@ASU. |
|  ART 112: 2-D Design | 3 | C | |
|  ART 115: 3-D Design | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Mathematics (MA) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| <i>Complete 2 courses:</i> | | | <ul style="list-style-type: none"> • Join a student club or professional organization. |
|  ART 111: Drawing I OR ART 113: Color OR ART 261: Ceramic Survey | 6 | C | |
| ARS 101: Art from Prehistory Through Middle Ages (HU & H) OR ARS 102: Art from Renaissance to Modernism (HU & H) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 3 31 - 47 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  ART 111: Drawing I OR ART 113: Color OR ART 261: Ceramic Survey | 3 | C | <ul style="list-style-type: none"> • Build your professional connections -- join the ASU Mentor Network |
|  2D Art Course | 3 | C | |
| ARS 201: Art of Asia (HU & H & G) OR ARS 202: Art of Africa, Oceania, and the Americas (HU & H & G) | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
|  Complete Mathematics (MA) requirement. | | | |
| Complete First-Year Composition requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 47 - 61 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  2D or 3D Art Course | 3 | C | <ul style="list-style-type: none"> • ARA 240: Encounters with Contemporary Art is required for BFA majors. |
|  3D Art Course | 3 | C | |

| | | |
|--|----|---|
| ARA 240: Encounters with Contemporary Art | 1 | C |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | |
| Term hours subtotal: | 14 | |

- Gather documentation of your past work for future portfolio.
- Explore **internships**.

| Term 5 61 - 76 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ ART 360: Ceramic Throwing | 3 | C | <ul style="list-style-type: none"> • Students must complete six hours of upper division ARS coursework (not from ARS 300); must include one Asian/African/Native Am./Latin Am. Focus course and one Modern or Contemporary Focus course. • Use Handshake to research employment opportunities. |
| ART 364: Ceramic Handbuilding I | 3 | C | |
| Upper Division Art History Modern Focus | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 76 - 91 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ ART 466: Special Problems in Ceramics | 3 | C | <ul style="list-style-type: none"> • ART 460 is only offered during odd numbered Fall semesters; ART 463 is only offered during even numbered Spring semesters. Please meet with an academic advisor for scheduling information. • Art Elective course cannot be ARA 311, ARS 100 or ARS 300. |
| ART 460: Ceramic Clay OR ART 463: Ceramic Glaze | 3 | C | |
| Upper Division Art History Asian/African/Native Am./Latin Am. Focus | 3 | C | |
| ARA OR ARE OR ARS OR ART OR FSH Elective | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 91 - 106 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ ARA 396: Professional Practices for Design and the Arts | 3 | C | <ul style="list-style-type: none"> • Art Upper Division Elective courses cannot be ARA 311 or ARS 300. • Gather professional references. |
| ★ Complete 2 courses: Upper Division Ceramics Art Elective | 6 | C | |
| ARA OR ARE OR ARS OR ART OR FSH Upper Division Elective | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 106 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ ART 482: Senior Exhibitions/Portfolio | 3 | C | <ul style="list-style-type: none"> • Art Upper Division Elective courses cannot be ARA 311 or ARS 300. • Complete ART 482 Senior Exhibitions/Portfolio and finalize your portfolio. |
| Upper Division Ceramics Art Elective | 3 | C | |
| Complete 2 courses: ARA OR ARE OR ARS OR ART OR FSH Upper Division Elective | 6 | C | |
| Elective | 2 | | |
| Term hours subtotal: | 14 | | |

Hide Course List(s)/Track Group(s)

| | | |
|---------------|---------------|---------------------|
| 2D Art Course | 3D Art Course | 2D or 3D Art Course |
|---------------|---------------|---------------------|

| | | |
|---|--|--|
| ART 201: Photography I (HU) | ART 216: Intermedia Practices | ART 201: Photography I (HU) |
| ART 204: Photography II: Black and White | ART 217: Introduction to Computer Animation | ART 204: Photography II: Black and White |
| ART 205: Photography II: Color | ART 218: 3D Tools | ART 205: Photography II: Color |
| ART 211: Drawing II | ART 231: Sculpture I | ART 211: Drawing II |
| ART 214: Life Drawing I | ART 272: Introduction to Metals and Jewelry | ART 214: Life Drawing I |
| ART 223: Painting I | ART 274: Wood I | ART 216: Intermedia Practices |
| ART 227: Watercolor I | ART 276: Fibers I | ART 217: Introduction to Computer Animation |
| ART 253: Introduction to Printmaking | FSH 202: Fashion Construction | ART 218: 3D Tools |
| FSH 203: Fashion Illustration | | ART 223: Painting I |
| | | ART 227: Watercolor I |
| | | ART 231: Sculpture I |
| | | ART 253: Introduction to Printmaking |
| | | ART 272: Introduction to Metals and Jewelry |
| | | ART 274: Wood I |
| | | ART 276: Fibers I |
| | | FSH 202: Fashion Construction |
| | | FSH 203: Fashion Illustration |
| Upper Division Ceramics Art Elective | Art History Asian/African/Native Am./Latin Am. Focus | Art History Modern Focus |
| ART 365: Ceramic Handbuilding II | ARS 362: Survey of Aztec Maya and Inka Art (HU) | ARS 330: The Portrait (HU) |
| ART 394: Altered Vessels | ARS 369: Mexican Art (HU) | ARS 340: Art in America (HU & H) |
| ART 394: Ceramics | ARS 394: Anime | ARS 345: Art and Television |
| ART 394: Clay on the Wall: Installing Ceramic Art | ARS 394: Egyptian Art and Culture | ARS 370: The Art of the Comic |
| ART 394: Slipcasting | ARS 394: Islamic Art | ARS 394: Modern and Contemporary Chinese Art |
| ART 460: Ceramic Clay | ARS 394: Modern and Contemporary Chinese Art | ARS 435: The Pre-Raphaelites |
| ART 463: Ceramic Glaze | ARS 402: Art of Ancient Egypt (HU & H) | ARS 438: Art of the 20th Century I (HU & H) |
| ART 466: Special Problems in Ceramics | ARS 444: Films of India | ARS 439: Art of the 20th Century II (HU & H) |
| ART 494: Advanced Slipcasting | ARS 465: Native Art of North America (HU & C & H) | ARS 440: Identity and World Film (C) |
| ART 494: Art and Science | ARS 472: Art of China (HU) | ARS 443: Artists in Film: Artists' Biopics |
| ART 494: Art on the Wall: Installing Ceramic Art | ARS 473: Art of Japan (HU) | ARS 485: Women in the Visual Arts (L) |
| ART 494: Ceramic Design | ARS 475: Chinese Painting (HU) | ARS 494: History of Animation |
| ART 494: Ceramic Tableware Design | ARS 494: Art of the Inka and their Ancestors | |
| ART 494: China Painting | ARS 494: Global Textiles and Fashion | |

ARS 494: Oceanic Art

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.






2020 - 2021 Major Map

Art (Digital Photography), BFA

School/College: [Herberger Institute for Design and the Arts](#)

Location: [Online](#)

HIARTDPBFA

| Term 1 - A 0 - 7 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ART 206: Digital Photography I | 3 | C | <ul style="list-style-type: none"> An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students Mathematics Placement Assessment score determines placement in mathematics course |
| ASU 101-HDA: The ASU Experience | 1 | | |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 7 | | |
| Term 1 - B 7 - 13 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
| ART 207: Digital Photography II | 3 | C | <ul style="list-style-type: none"> View ASU Online first-year student registration information here. Select your Career Interest Communities and play me3@ASU. |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
|  Complete ART 206 course(s). | | | |
| Term hours subtotal: | 6 | | |
| Term 2 - A 13 - 19 Credit Hours | Hours | Minimum Grade | Notes |
| ARS 101: Art from Prehistory Through Middle Ages (HU & H) OR ARS 102: Art from Renaissance to Modernism (HU & H) | 3 | C | |
| Mathematics (MA) | 3 | | |
| Term hours subtotal: | 6 | | |
| Term 2 - B 19 - 25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
| ARS 101: Art from Prehistory Through Middle Ages (HU & H) OR ARS 102: Art from Renaissance to Modernism (HU & H) | 3 | C | <ul style="list-style-type: none"> Career planning tip: Think about joining a club or civic group in your area of career interest. |
| Elective | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 6 | | |
| Term 3 - A 25 - 31 Credit Hours | Hours | Minimum Grade | Notes |
| ARS 250: History of Photography (HU) | 3 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Term hours subtotal: | 6 | | |
| Term 3 - B 31 - 37 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |

ARS 201: Art of Asia (HU & H & G) OR ARS 202: Art of Africa, Oceania, and the Americas (HU & H & G) 3 C

- Career steps: **Shadow** someone in the job/career you are considering.

FMS 110: Introduction to New Media (HU) OR ART 116: Introduction to Digital Media 3 C

🚩 Complete Mathematics (MA) requirement.

Term hours subtotal: 6

| Term 4 - A 37 - 43 Credit Hours | Hours | Minimum Grade | Notes |
|---------------------------------|-------|---------------|-------|
|---------------------------------|-------|---------------|-------|

ARA 309: Photography Now 3 C

Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) 3

Term hours subtotal: 6

| Term 4 - B 43 - 50 Credit Hours Critical course signified by 🚩 | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

Natural Science - Quantitative (SQ) 4

Elective 3

🚩 Complete ARS 101 AND ARS 102 course(s).

Term hours subtotal: 7

- Career tip: Gather documentation of your past work for a future portfolio. Explore **internship** opportunities in your area.

| Term 5 - A 50 - 56 Credit Hours Necessary course signified by ⭐ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

⭐ ART 317: Advanced Digital Photography 3 C

Social-Behavioral Sciences (SB) 3

Term hours subtotal: 6

| Term 5 - B 56 - 62 Credit Hours Necessary course signified by ⭐ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

⭐ Upper Division Photography Elective 3 C

Elective 3

Term hours subtotal: 6

- Visit **Career Services** for career advising, webinars, career postings and a Career Guide.
- The following four courses may be taken twice for credit: ART 302, ART 400, ART 402, ART 406

| Term 6 - A 62 - 69 Credit Hours | Hours | Minimum Grade | Notes |
|---------------------------------|-------|---------------|-------|
|---------------------------------|-------|---------------|-------|

Natural Science - General (SG) OR Natural Science - Quantitative (SQ) 4

Elective 3

Term hours subtotal: 7

| Term 6 - B 69 - 75 Credit Hours Necessary course signified by ⭐ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

Upper Division Related Area 3 C

Elective 3

⭐ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal: 6

| Term 7 - A 75 - 81 Credit Hours Necessary course signified by ⭐ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | |
|---------------------------------------|---|---|
| ★ Upper Division Photography Elective | 3 | C |
| Upper Division Related Area | 3 | C |
| Term hours subtotal: | 6 | |

- Visit [Career Services](#) for career advising, webinars, career postings and a Career Guide.
- The following four courses may be taken twice for credit: ART 302, ART 400, ART 402, ART 406

| Term 7 - B 81 - 87 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|---------------------------------------|---|---|
| ★ Upper Division Photography Elective | 3 | C |
| Elective | 3 | |
| Term hours subtotal: | 6 | |

- The following four courses may be taken twice for credit: ART 302, ART 400, ART 402, ART 406

| Term 8 - A 87 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|---------------------------------------|---|---|
| ★ Upper Division Photography Elective | 3 | C |
| Elective | 3 | |
| Term hours subtotal: | 6 | |

- Gather [professional references](#).
- The following four courses may be taken twice for credit: ART 302, ART 400, ART 402, ART 406

| Term 8 - B 93 - 99 Credit Hours | Hours | Minimum Grade | Notes |
|---------------------------------|-------|---------------|-------|
|---------------------------------|-------|---------------|-------|

| | | |
|-----------------------------------|---|---|
| Upper Division ARS Modern Focus | 3 | C |
| Literacy and Critical Inquiry (L) | 3 | |
| Term hours subtotal: | 6 | |

| Term 9 - A 99 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | |
|---|---|---|
| ★ Upper Division Photography Elective | 3 | C |
| Upper Division Humanities, Arts and Design (HU) | 3 | |
| Term hours subtotal: | 6 | |

- Upper division Humanities recommendation: MCO 450 Visual Communication (Related Area course)
- The following four courses may be taken twice for credit: ART 302, ART 400, ART 402, ART 406
- Begin planning for your Photography Capstone by talking with your faculty.

| Term 9 - B 105 - 111 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|--|---|---|
| ★ Upper Division Photography Elective | 3 | C |
| Upper Division Literacy and Critical Inquiry (L) | 3 | |
| Term hours subtotal: | 6 | |

- The following four courses may be taken twice for credit: ART 302, ART 400, ART 402, ART 406

| Term 10 - A 111 - 117 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | |
|---|---|---|
| ★ ART 407: Digital Photography Capstone | 3 | C |
| Upper Division Related Area | 3 | C |
| Term hours subtotal: | 6 | |

| Term 10 - B 117 - 120 Credit Hours | Hours | Minimum Grade | Notes |
|------------------------------------|-------|---------------|-------|
|------------------------------------|-------|---------------|-------|

| | | |
|----------|---|--|
| Elective | 3 | |
|----------|---|--|

Term hours subtotal: 3

Hide Course List(s)/Track Group(s)

| Upper Division Photography Elective | Related Area Course | Upper Division ARS Modern Focus |
|--|--|--|
| ART 300: Photo Editing: Narrative/Non-Narrative | ARA 489: Writing Art and Design Criticism (L) | ARS 330: The Portrait (HU) ARS 340: Art in America (HU & H) |
| ART 302: The Still and Moving Image: Digital Photography and Video | FMS 351: Emerging Digital Media MCO 307: The Digital Audience | ARS 345: Art and Television ARS 370: The Art of the Comic |
| ART 394: Death and Photography | MCO 335: Social Media | ARS 394: Anime |
| ART 400: The Photobook | MCO 425: Digital Media Literacy I | ARS 438: Art of the 20th Century I (HU & H) |
| ART 402: Traditional Genres in Photography | MCO 450: Visual Communication (HU) | ARS 494: History of Animation |
| ART 406: New Genres in Digital Photography | MCO 460: Race Gender and Media (C) | |
| ART 412: Advanced Techniques in Digital Photography | MCO 473: Sex Love and Romance in the Mass Media (SB) | |

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.





2020 - 2021 Major Map




Art (Intermedia), BFA





School/College: Herberger Institute for Design and the Arts




Location: Tempe campus

FAARTIBFA

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  ARA 101: ASU: The Art Experience | 1 | | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ARA 101: The Art Experience is required of all first-year art majors only. • Select your career interest communities and play me3@ASU. |
|  ART 111: Foundation Drawing | 3 | C | |
|  ART 116: Introduction to Digital Media | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Mathematics (MA) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| <i>Complete 2 courses:</i> | | | <ul style="list-style-type: none"> • ART 216 recommended for Intermedia majors in term 2 and must be completed by term 3. • Join a student club or professional organization. |
|  ART 112: 2-D Design OR ART 115: 3-D Design OR ART 216: Intermedia Practices | 6 | C | |
| ARS 101: Art from Prehistory Through Middle Ages (HU & H) OR ARS 102: Art from Renaissance to Modernism (HU & H) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 3 31 - 47 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ART 112: 2-D Design OR ART 115: 3-D Design OR ART 216: Intermedia Practices | 3 | C | <ul style="list-style-type: none"> • ART 216 recommended for Intermedia majors in term 2 and must be completed by term 3. • Build your professional connections -- join the ASU Mentor Network |
|  2D Art Course | 3 | C | |
| ARS 201: Art of Asia (HU & H & G) OR ARS 202: Art of Africa, Oceania, and the Americas (HU & H & G) | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
|  Complete Mathematics (MA) requirement. Complete First-Year Composition requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 47 - 64 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  2D or 3D Art Course | 3 | C | <ul style="list-style-type: none"> • ARA 240: Encounters with Contemporary Art is required for BFA majors. |
|  3D Art Course | 3 | C | |

| | | |
|--|----|---|
| ARA 240: Encounters with Contemporary Art | 1 | C |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | |
| Elective | 3 | |
| Term hours subtotal: | 17 | |

- Gather documentation of your past work for your future portfolio.
- Explore an **internship**.

| Term 5 64 - 79 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|---|----|---|
| ★ ARA 330: Issues in Intermedia | 3 | C |
| Upper Division Intermedia Elective | 3 | C |
| ARS Upper Division Elective AND Upper Division Humanities, Arts and Design (HU) | 3 | C |
| ARA OR ARE OR ARS OR ART OR FSH Upper Division Elective | 3 | C |
| Upper Division Literacy and Critical Inquiry (L) | 3 | |
| Term hours subtotal: | 15 | |

- ARS Upper Division Elective cannot be ARS 300.
- Art Upper Division Elective course cannot be ARA 311 or ARS 300.
- Use Handshake to research **employment opportunities**.

| Term 6 79 - 92 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|--|----|---|
| ★ ART 439: Intermedia Studio | 3 | C |
| ★ ART 443: Intermedia Performance | 3 | C |
| ART 440: Experimental Video Art | 3 | C |
| Upper Division Art History Modern Focus | 3 | C |
| Elective | 1 | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |
| Term hours subtotal: | 13 | |

- ART 439: Intermedia Studio is only offered in the spring semester.

| Term 7 92 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | |
|---|----|---|
| ★ ARA 396: Professional Practices for Design and the Arts | 3 | C |
| Upper Division Art History Asian/African/Native Am./Latin Am. Focus | 3 | C |
| Complete 2 courses: | | |
| Upper Division Intermedia Elective | 6 | C |
| ARA OR ARE OR ARS OR ART OR FSH Elective | 1 | C |
| Elective | 3 | |
| Term hours subtotal: | 16 | |

- ARS Upper Division Elective cannot be ARS 300.
- Art Upper Division Elective course cannot be ARA 311 or ARS 300.
- Gather **professional references**.

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|---|----|---|
| ★ ART 482: Senior Exhibitions/Portfolio | 3 | C |
| Upper Division Intermedia Elective | 3 | C |
| ARA OR ARE OR ARS OR ART OR FSH Upper Division Elective | 3 | C |
| Elective | 3 | |
| Term hours subtotal: | 12 | |

- Complete ART 482: Senior Exhibitions/Portfolio and finalize portfolio.

- Students must complete 9 hours of ARS coursework (not from ARS 100 or 300); these must include 6 upper division hours, one Asian/African/Native Am./Latin Am. Focus course, and one 20th Century Focus course. If students take a lower division Asian/African/Native Am./Latin Am. Focus course, the 20th Century Focus course and elective must be upper division and one must include an HU general studies designation.

Hide Course List(s)/Track Group(s)

| 2D Art Course | 3D Art Course | 2D or 3D Art Course |
|--|--|--|
| ART 201: Photography I (HU) | ART 217: Introduction to Computer Animation | ART 201: Photography I (HU) |
| ART 204: Photography II: Black and White | ART 218: 3D Tools | ART 204: Photography II: Black and White |
| ART 205: Photography II: Color | ART 231: Sculpture I | ART 205: Photography II: Color |
| ART 211: Drawing II | ART 261: Ceramic Survey | ART 211: Drawing II |
| ART 214: Figure Drawing | ART 272: Introduction to Metals and Jewelry | ART 214: Figure Drawing |
| ART 223: Painting | ART 274: Wood I | ART 217: Introduction to Computer Animation |
| ART 227: Watercolor | ART 276: Fibers I | ART 218: 3D Tools |
| ART 253: Introduction to Printmaking | FSH 202: Fashion Construction | ART 223: Painting |
| FSH 203: Fashion Illustration | | ART 227: Watercolor |
| | | ART 231: Sculpture I |
| | | ART 253: Introduction to Printmaking |
| | | ART 261: Ceramic Survey |
| | | ART 272: Introduction to Metals and Jewelry |
| | | ART 274: Wood I |
| | | ART 276: Fibers I |
| | | FSH 202: Fashion Construction |
| | | FSH 203: Fashion Illustration |
| Upper Division Intermedia Elective | Art History Asian/African/Native Am./Latin Am. Focus | Art History Modern Focus |
| ART 308: 2D Digital Animation | ARS 362: Survey of Aztec Maya and Inka Art (HU) | ARS 330: The Portrait (HU) |
| ART 312: Illustration | ARS 369: Mexican Art (HU) | ARS 340: Art in America (HU & H) |
| ART 346: 3-D Computer Imaging and Animation (CS) | ARS 394: Anime | ARS 345: Art and Television |
| ART 348: Animation Motion Studies | ARS 394: Egyptian Art and Culture | ARS 370: The Art of the Comic |
| ART 378: Digital Textiles | ARS 394: Islamic Art | ARS 394: Modern and Contemporary Chinese Art |
| ART 417: Storyboarding and Narrative Sequencing | ARS 394: Modern and Contemporary Chinese Art | ARS 435: The Pre-Raphaelites |
| ART 424: Stop Motion Animation | ARS 402: Art of Ancient Egypt (HU & H) | ARS 438: Art of the 20th Century I (HU & H) |
| ART 442: Art and Community | ARS 444: Films of India | ARS 439: Art of the 20th Century II (HU & H) |
| ART 494: Art and Science | ARS 465: Native Art of North America (HU & C & H) | ARS 440: Identity and World Film (C) |
| ART 494: Documentary Video Art | | ARS 443: Artists in Film: Artists' Biopics |

| | | |
|--|--|---------------------------------------|
| ART 494: Time Narrative & the Multiple | ARS 472: Art of China (HU) | ARS 485: Women in the Visual Arts (L) |
| ART 494: Visual Prototyping | ARS 473: Art of Japan (HU) | ARS 494: History of Animation |
| ART 494: Women/Art/Technology | ARS 475: Chinese Painting (HU) | |
| ART 499: Individualized Instruction | ARS 494: Art of the Inka and their Ancestors | |
| | ARS 494: Global Textiles and Fashion | |
| | ARS 494: Oceanic Art | |

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map




Art (Museum Studies), BA



School/College: Herberger Institute for Design and the Arts

Location: Tempe campus

FAARTMSBA



| Term 1 0 - 17 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  ARA 101: ASU: The Art Experience | 1 | | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • ASU Language Placement: All students are required to take a placement exam, regardless of prior credit earned. • Select your career interest communities and play me3@ASU. |
|  ARS 101: Art from Prehistory Through Middle Ages (HU & H) OR ARS 102: Art from Renaissance to Modernism (HU & H) | 3 | C | |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), can not select from American Sign Language IV. | 4 | C | |
| Mathematics (MA) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 17 | | |



| Term 2 17 - 33 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  ARS 101: Art from Prehistory Through Middle Ages (HU & H) OR ARS 102: Art from Renaissance to Modernism (HU & H) | 3 | C | <ul style="list-style-type: none"> • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. • Join a student club or professional organization. |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), can not select from American Sign Language IV. | 4 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |




| Term 3 33 - 47 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ARS 201: Art of Asia (HU & H & G) OR ARS 202: Art of Africa, Oceania, and the Americas (HU & H & G) | 3 | C | <ul style="list-style-type: none"> • Build your professional connections -- join the ASU Mentor Network |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), can not select from American Sign Language IV. | 4 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
|  Complete Mathematics (MA) requirement. | | | |

Minimum 3.00 GPA ASU Cumulative.



Term hours subtotal: 14

| Term 4 47 - 61 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| Second Language: Requirement satisfied through the following:  * Completion of a language course at the intermediate level (202 or equivalent), can not select from American Sign Language IV. | 4 | C | <ul style="list-style-type: none">• Create a first draft resume.• Explore an internship. |
| ARS 201: Art of Asia (HU & H & G) OR ARS 202: Art of Africa, Oceania, and the Americas (HU & H & G) | 3 | C | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| Term hours subtotal: | 14 | | |

| Term 5 61 - 76 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  Upper Division Art History (Ancient) OR Art History (Medieval) | 3 | C | <ul style="list-style-type: none">• Use Handshake to research employment opportunities. |
| Upper Division Art History Renaissance/Baroque Focus | 3 | C | |
| Upper Division Professional Practice/Museology Course | 3 | C | |
| Complete 2 courses: Upper Division Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 6 76 - 91 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  ARS 350: Museums: Meaning and Function OR ARS 456: Introduction to Museums | 3 | C | <ul style="list-style-type: none">• Museum Studies students should speak with the internship coordinator, Dr. Betsy Fahlman, regarding internship opportunities. |
| Upper Division Art History Modern Focus | 3 | C | |
| Related Area Course | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) | 3 | | |
| Upper Division Elective | 3 | | |
|  Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 91 - 106 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  ARS 480: Research Methods (L) | 3 | C | <ul style="list-style-type: none">• Gather professional references. |
| Upper Division Professional Practice/Museology Course | 3 | C | |
| Related Area Course | 3 | C | |
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 106 - 120 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ARS 498: Pro-Seminar (L) | 3 | C | <ul style="list-style-type: none">• ARS 498 Pro-Seminar: Students will engage in research and a sustained writing project.• Apply for full-time career opportunities. |
| Upper Division Professional Practice/Museology Course | 3 | C | |
| Related Area Course | 3 | C | |
| Upper Division Elective | 3 | | |
| Elective | 2 | | |

Term hours subtotal: 14

- Related Area Course: complete nine hours total, see list below. These courses provide a range of potentially useful information for museum studies majors. The School of Art recommends selecting at least six hours from upper-division options. All course substitutions must be approved by the School of Art.

Hide Course List(s)/Track Group(s)

| Art History Ancient/Medieval Focus | Art History Modern Focus | Art History Renaissance/ Baroque Focus |
|--|--|--|
| ARS 394: Art and Myth of the Classical World | ARS 330: The Portrait (HU) | ARS 310: The Renaissance in Tuscany |
| ARS 394: Egyptian Art and Culture | ARS 340: Art in America (HU & H) | ARS 330: The Portrait (HU) |
| ARS 394: Greek Myth in Western Art | ARS 345: Art and Television | ARS 394: Art of Italian Renaissance |
| ARS 394: Islamic Art | ARS 370: The Art of the Comic | ARS 394: Masterpieces Giotto to Rembrandt |
| ARS 394: Medieval Art: Cross-Cultural Perspectives | ARS 394: Modern and Contemporary Chinese Art | ARS 418: German Renaissance and Reformation Art (HU) |
| ARS 402: Art of Ancient Egypt (HU & H) | ARS 435: The Pre-Raphaelites | ARS 422: Italian High Renaissance Art and Mannerism (HU) |
| ARS 404: Greek Art (HU & H) | ARS 438: Art of the 20th Century I (HU & H) | ARS 424: Italian Baroque Art (HU & H) |
| ARS 406: Roman Art (HU & H) | ARS 439: Art of the 20th Century II (HU & H) | |
| ARS 414: Monasteries Madonnas and Manuscripts (HU & H) | ARS 440: Identity and World Film (C) | |
| ARS 498: Pompeii & Herculaneum (L) | ARS 443: Artists in Film: Artists' Biopics | |
| ARS 498: Tutankahmen & His Times (L) | ARS 485: Women in the Visual Arts (L) | |
| | ARS 494: History of Animation | |
| | ARS 498: Art & Technology (L) | |
| | ARS 498: Art and Money (L) | |
| | ARS 498: Fakes and Forgeries in Art (L) | |
| | ARS 498: New Woman Artist 1900-1945 (L) | |
| | ARS 498: Self Trauma and Affect in Art (L) | |
| | ARS 498: Surrealism & Ethnography (L) | |
| | ARS 498: Theories Modern Sculpture (L) | |
| | ARS 498: Visual Culture Studies (L) | |
| Professional Practice/Museology | Related Area Courses | |
| ARA 460: Gallery Exhibitions | ACC 382: Accounting and Financial Analysis | |
| ARA 489: Writing Art and Design Criticism (L) | ARA 396: Professional Practices for Design and the Arts | |
| ARS 484: Internship | MKT 395: Essentials of Advertising and Marketing Communication | |
| ARS 494: Curating the Contemporary | NLM 160: Voluntary Action and Community Leadership (SB) | |
| ARS 494: Curation and Globalization | | |

| | |
|---|---|
| ARS 494: Philosophy of Curatorial Practice: 1800-Present | NLM 220: Introduction to Nonprofit Organizations |
| ART 409: Photographic Exhibition | NLM 300: Fund Raising and Resource Development |
| | NLM 310: Volunteer Management |
| | NLM 430: Managing Nonprofit Organizations (L) |
| | PAF 300: Public Management and Administration |
| | PAF 340: Contemporary Policy Challenges |
| | PAF 420: Managing Across Boundaries |
| | PRM 120: Leisure and the Quality of Life (SB) |
| | PRM 210: Leisure Delivery Systems |
| | PRM 486: Special Events Management |
| | TDM 205: Introduction to Travel and Tourism (G) |
| | TDM 345: Meeting and Convention Planning |
| | TDM 350: Tourism Recreation and Sports Marketing |
| | TDM 386: Convention Sales and Management |
| | TDM 448: Heritage and Cultural Tourism |
| | TDM 458: International Tourism (G) |

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
**Hrs Resident Credit for
Academic Recognition:** 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.










2020 - 2021 Major Map

Art (Museum Studies), BA

School/College: [Herberger Institute for Design and the Arts](#)

Location: [Online](#)

FAARTMSBA

| Term 1 - A 0 - 7 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ARS 101: Art from Prehistory Through Middle Ages (HU & H) OR ARS 102: Art from Renaissance to Modernism (HU & H) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. |
| ASU 101-HDA: The ASU Experience | 1 | | |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 7 | | |
| | | | |
| Term 1 - B 7 - 13 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  ARS 101: Art from Prehistory Through Middle Ages (HU & H) OR ARS 102: Art from Renaissance to Modernism (HU & H) | 3 | C | <ul style="list-style-type: none"> • View ASU Online first-year student registration information here. • Play me3@ASU. |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 6 | | |
| Term 2 - A 13 - 19 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  ARS 201: Art of Asia (HU & H & G) OR ARS 202: Art of Africa, Oceania, and the Americas (HU & H & G) | 3 | C | <ul style="list-style-type: none"> • Mathematics Placement Assessment score determines placement in mathematics course. |
| Mathematics (MA) | 3 | | |
| Term hours subtotal: | 6 | | |
| Term 2 - B 19 - 25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  ARS 201: Art of Asia (HU & H & G) OR ARS 202: Art of Africa, Oceania, and the Americas (HU & H & G) | 3 | C | <ul style="list-style-type: none"> • Think about joining a club or civic group in your area of career interest. |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 6 | | |
| Term 3 - A 25 - 32 Credit Hours | Hours | Minimum Grade | Notes |
| Related Area Courses | 3 | C | <ul style="list-style-type: none"> • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. |
| Second Language: Requirement satisfied through the following: *Completion of a language course at the intermediate level (202 or equivalent), not including American Sign Language. 16 Credit Hour(s) | 4 | C | |
| | | | |

Term hours subtotal: 7

| Term 3 - B 32 - 39 Credit Hours Critical course signified by 🚩 | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| Second Language: Requirement satisfied through the following: *Completion of a language course at the intermediate level (202 or equivalent), not including American Sign Language. 16 Credit Hour(s) | 4 | C | • Career steps: Shadow someone in the job/career you are considering. |
| Social-Behavioral Sciences (SB) | 3 | | |
| 🚩 Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 7 | | |

| Term 4 - A 39 - 46 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| Second Language: Requirement satisfied through the following: *Completion of a language course at the intermediate level (202 or equivalent), not including American Sign Language. 16 Credit Hour(s) | 4 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 4 - B 46 - 53 Credit Hours Critical course signified by 🚩 | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------------------------------|
| 🚩 Computer/Statistics/Quantitative Applications (CS) | 3 | | • Create a first draft resume |
| Second Language: Requirement satisfied through the following: *Completion of a language course at the intermediate level (202 or equivalent), not including American Sign Language. 16 Credit Hour(s) | 4 | C | |
| Term hours subtotal: | 7 | | |

| Term 5 - A 53 - 60 Credit Hours | Hours | Minimum Grade | Notes |
|-------------------------------------|-------|---------------|-------|
| Related Area Courses | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 5 - B 60 - 66 Credit Hours Necessary course signified by ⭐ | Hours | Minimum Grade | Notes |
|--|-------|---------------|------------------------------------|
| ⭐ Upper Division Professional Practice/Museology Course | 3 | C | • Explore internships in your area |
| Upper Division Art History Ancient/Medieval Focus | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 6 - A 66 - 72 Credit Hours Necessary course signified by ⭐ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ⭐ Upper Division Professional Practice/Museology Course | 3 | C | |
| Upper Division Art History Renaissance/Baroque Focus | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 72 - 79 Credit Hours Necessary course signified by ⭐ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ARS 350: Museums: Meaning and Function | 3 | C | • Use Handshake to research employment opportunities |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| ⭐ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 7 | | |

| Term 7 - A 79 - 85 Credit Hours | Hours | Minimum Grade | Notes |
|---------------------------------|-------|---------------|-------|
|---------------------------------|-------|---------------|-------|

Complete 2 courses:
Upper Division Elective

6

Term hours subtotal: 6

| Term 7 - B 85 - 91 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

★ Upper Division Professional Practice/Museology Course

3

C

Elective

3

Term hours subtotal: 6

| Term 8 - A 91 - 97 Credit Hours | Hours | Minimum Grade | Notes |
|---------------------------------|-------|---------------|-------|
|---------------------------------|-------|---------------|-------|

Related Area Courses

3

C

Upper Division Elective

3

Term hours subtotal: 6

| Term 8 - B 97 - 103 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

★ Upper Division Art History Modern Focus

3

C

Upper Division Elective

3

Term hours subtotal: 6

| Term 9 - A 103 - 109 Credit Hours | Hours | Minimum Grade | Notes |
|-----------------------------------|-------|---------------|-------|
|-----------------------------------|-------|---------------|-------|

Upper Division Humanities, Arts and Design (HU)

3

Upper Division Elective

3

Term hours subtotal: 6

- Gather professional references

| Term 9 - B 109 - 115 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

★ ARS 480: Research Methods (L)

3

C

Elective

3

Term hours subtotal: 6

- Apply for full-time career opportunities

| Term 10 - A 115 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

★ ARS 498: Pro-Seminar (L)

3

C

Elective

2

Term hours subtotal: 5

- ARS 498 Pro-Seminar: Students will engage in research and a sustained writing project.

Hide Course List(s)/Track Group(s)

| Art History Ancient/Medieval Focus | Art History Modern Focus | Art History Renaissance/ Baroque Focus |
|--|---|--|
| ARS 394: Art and Myth of the Classical World | ARS 340: Art in America (HU & H) | ARS 330: The Portrait (HU) |
| ARS 394: Egyptian Art and Culture | ARS 345: Art and Television | ARS 394: Art of Italian Renaissance |
| ARS 394: Islamic Art | ARS 438: Art of the 20th Century I (HU & H) | |
| | ARS 440: Identity and World Film (C) | |

| | |
|---|--|
| ARS 402: Art of Ancient Egypt (HU & H) | ARS 485: Women in the Visual Arts (L) |
| Related Area Courses | Professional Practice/Museology |
| ACC 382: Accounting and Financial Analysis | ARA 489: Writing Art and Design Criticism (L) |
| ARA 396: Professional Practices for Design and the Arts | ARS 484: Internship |
| NLM 310: Volunteer Management | ARS 494: Curation and Globalization |
| PAF 300: Public Management and Administration | ARS 494: Philosophy of Curatorial Practice: 1800-Present |
| PAF 340: Contemporary Policy Challenges | |
| PAF 420: Managing Across Boundaries | |
| PRM 120: Leisure and the Quality of Life (SB) | |
| PRM 210: Leisure Delivery Systems | |
| TDM 205: Introduction to Travel and Tourism (G) | |
| TDM 345: Meeting and Convention Planning | |
| TDM 350: Tourism Recreation and Sports Marketing | |
| TDM 448: Heritage and Cultural Tourism | |
| TDM 458: International Tourism (G) | |

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map




Art (Painting and Drawing), BFA




School/College: Herberger Institute for Design and the Arts



Location: Tempe campus

HIARTPDBFA

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  ARA 101: ASU: The Art Experience | 1 | | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ARA 101: The Art Experience is required of all first-year art majors only. • Select your career interest communities and play me3@ASU. |
|  ART 111: Foundation Drawing | 3 | C | |
| ART 112: 2-D Design OR ART 113: Color | 3 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Mathematics (MA) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ART 211: Drawing OR ART 223: Painting | 3 | C | <ul style="list-style-type: none"> • Join a student club or professional organization |
| ARS 101: Art from Prehistory Through Middle Ages (HU & H) OR ARS 102: Art from Renaissance to Modernism (HU & H) | 3 | C | |
| ART 112: 2-D Design OR ART 113: Color | 3 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 3 31 - 47 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ART 211: Drawing OR ART 223: Painting | 3 | C | <ul style="list-style-type: none"> • Build your professional connections -- join the ASU Mentor Network |
| ARS 201: Art of Asia (HU & H & G) OR ARS 202: Art of Africa, Oceania, and the Americas (HU & H & G) | 3 | C | |
| ART 115: 3-D Design | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
|  Complete Mathematics (MA) requirement. Complete First-Year Composition requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 47 - 61 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  ART 227: Watercolor OR ART 214: Figure Drawing | 3 | C | <ul style="list-style-type: none"> • Gather documentation of your past work for your future portfolio • Explore internships |
| 2D or 3D Art Course | 3 | C | |
| ARA OR ARE OR ARS OR ART OR FSH Elective | 3 | C | |

| | |
|---|----|
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 |
| Elective | 1 |
| Term hours subtotal: | 14 |

| Term 5 61 - 77 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ ART 323: Intermediate Painting | 3 | C | • Use Handshake to research employment opportunities |
| ARA 240: Encounters with Contemporary Art | 1 | C | |
| ART 311: Intermediate Drawing | 3 | C | |
| Upper Division Art History Modern Focus | 3 | C | |
| ARA OR ARE OR ARS OR ART OR FSH Upper Division Elective | 3 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 6 77 - 92 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ ARA 396: Professional Practices for Design and the Arts | 3 | C | |
| ART 327: Intermediate Watercolor OR ART 325: Figure Painting OR ART 314: Intermediate Figure Drawing | 3 | C | |
| Upper Division Art History Asian/African/Native Am./Latin Am. focus | 3 | C | |
| Upper Division Drawing/Painting Elective | 3 | C | |
| Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 92 - 107 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|----------------------------------|
| ★ Complete 2 courses: Upper Division Drawing/Painting Elective | 6 | C | • Gather professional references |
| ART 429: Advanced Painting and Drawing Studio | 3 | C | |
| ARS Upper Division Elective AND Upper Division Humanities, Arts and Design (HU) | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 107 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ ART 482: Senior Exhibitions/Portfolio | 3 | C | • Complete ART 482: Senior Exhibitions/Portfolio and finalize portfolio |
| Upper Division Drawing/Painting Elective | 3 | C | |
| ARA OR ARE OR ARS OR ART OR FSH Upper Division Elective | 3 | C | |
| Complete 2 courses: Elective | 4 | | |
| Term hours subtotal: | 13 | | |

- Students must complete nine hours of ARS coursework (not from ARS 100 or 300); must include six hours upper-division, one Asian/African/Native Am./Latin Am. Focus course, and one Modern Focus course. If students take a lower-division Asian/African/Native Am./Latin Am. Focus course, the Modern Focus course and elective must be upper-division and one must include an HU General Studies designation.

Hide Course List(s)/Track Group(s)

| 2D or 3D Art Course | Drawing/Painting Elective | Art History Asian/African/Native Am./Latin Am. Focus |
|--|---|--|
| ART 201: Photography I (HU) | ART 314: Intermediate Figure Drawing | ARS 362: Survey of Aztec Maya and Inka Art (HU) |
| ART 204: Photography II: Black and White | ART 325: Figure Painting | ARS 369: Mexican Art (HU) |
| ART 205: Photography II: Color | ART 327: Intermediate Watercolor | ARS 394: Anime |
| ART 214: Figure Drawing | ART 354: Screen Printing I or ART 459: Monoprinting | ARS 394: Egyptian Art and Culture |
| ART 216: Intermedia Practices | ART 425: Intermediate Figure Painting | ARS 394: Islamic Art |
| ART 217: Introduction to Computer Animation | ART 427: Art on Paper | ARS 394: Modern and Contemporary Chinese Art |
| ART 218: 3D Tools | ART 494: China Painting | ARS 402: Art of Ancient Egypt (HU & H) |
| ART 227: Watercolor | ART 494: Color and Sustainable Practice | ARS 444: Films of India |
| ART 231: Sculpture I | ART 498: Pro-Seminar (L) | ARS 465: Native Art of North America (HU & C & H) |
| ART 253: Introduction to Printmaking | ART 499: Individualized Instruction | ARS 472: Art of China (HU) |
| ART 261: Ceramic Survey | | ARS 473: Art of Japan (HU) |
| ART 272: Introduction to Metals and Jewelry | | ARS 475: Chinese Painting (HU) |
| ART 274: Wood I | | ARS 494: Art of the Inka and their Ancestors |
| ART 276: Introduction to Textiles | | ARS 494: Global Textiles and Fashion |
| FSH 202: Fashion Construction | | ARS 494: Oceanic Art |
| FSH 203: Fashion Illustration | | |
| Art History Modern Focus | | |
| ARS 330: The Portrait (HU) | | |
| ARS 340: Art in America (HU & H) | | |
| ARS 345: Art and Television | | |
| ARS 370: The Art of the Comic | | |
| ARS 394: Modern and Contemporary Chinese Art | | |
| ARS 435: The Pre-Raphaelites | | |
| ARS 438: Art of the 20th Century I (HU & H) | | |
| ARS 439: Art of the 20th Century II (HU & H) | | |
| ARS 440: Identity and World Film (C) | | |
| ARS 443: Artists in Film: Artists' Biopics | | |
| ARS 445: History of Animation | | |

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.













2020 - 2021 Major Map

Art (Photography), BFA

School/College: Herberger Institute for Design and the Arts

Location: Tempe campus

FAARTPHBFA

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  ARA 101: ASU: The Art Experience | 1 | | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ARA 101: The Art Experience is required of all first-year art majors only. • Select your career interest communities and play me3@ASU. |
|  ART 111: Foundation Drawing OR ART 112: 2-D Design OR ART 113: Color or ART 116: Introduction to Digital Media | 3 | C | |
|  ART 204: Photography II: Black and White OR ART 205: Photography II: Color | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Mathematics (MA) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 16 | | |
| Term 2 16 - 31 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  ART 111: Foundation Drawing OR ART 112: 2-D Design OR ART 113: Color or ART 116: Introduction to Digital Media | 3 | C | <ul style="list-style-type: none"> • Join a student club or professional organization. • Students are required to submit a Photography portfolio and application to be fully admitted into the Photography degree. |
|  ART 204: Photography II: Black and White OR ART 205: Photography II: Color | 3 | C | |
| ARS 101: Art from Prehistory Through Middle Ages (HU & H) OR ARS 102: Art from Renaissance to Modernism (HU & H) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |
| Term 3 31 - 47 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  ART 111: Foundation Drawing OR ART 112: 2-D Design OR ART 113: Color or ART 116: Introduction to Digital Media | 3 | C | <ul style="list-style-type: none"> • Build your professional connections -- join the ASU Mentor Network. |
| ART 115: 3-D Design | 3 | C | |
| ARS 201: Art of Asia (HU & H & G) OR ARS 202: Art of Africa, Oceania, and the Americas (HU & H & G) | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |
| Term 4 47 - 63 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |

| | | |
|--|----|---|
| ◆ ARA 240: Encounters with Contemporary Art | 1 | C |
| ARS 250: History of Photography (HU) | 3 | C |
| 3D Art Course | 3 | C |
| Computer/Statistics/Quantitative Applications (CS) | 3 | |
| Literacy and Critical Inquiry (L) | 3 | |
| Elective | 3 | |
| Term hours subtotal: | 16 | |

- Gather documentation of your past work for your professional portfolio.
- Explore **internships**.

| Term 5 63 - 79 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|---|----|---|
| ★ Upper Division Photography Elective | 3 | C |
| ARA OR ARE OR ARS OR ART OR FSH Upper Division Elective | 3 | C |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | |
| Complete 2 courses: Elective | 6 | |
| Term hours subtotal: | 16 | |

- Art Upper Division Elective cannot be ARA 311 or ARS 300.
- Use Handshake to research **employment opportunities**.

| Term 6 79 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|--|----|---|
| ★ ARA OR ARE OR ARS OR ART OR FSH Upper Division Elective | 3 | C |
| Complete 2 courses: Upper Division Photography Elective | 6 | C |
| Upper Division Art History Asian/African/Native Am./Latin Am. Focus | 3 | C |
| Elective | 2 | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |
| Term hours subtotal: | 14 | |

- Art Upper Division Elective cannot be ARA 311 or ARS 300.

| Term 7 93 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | |
|---|----|---|
| ★ ARA 396: Professional Practices for Design and the Arts | 3 | C |
| Upper Division Photography Elective | 3 | C |
| ARS Upper Division Elective AND Upper Division Humanities, Arts and Design (HU) | 3 | C |
| Upper Division Literacy and Critical Inquiry (L) | 3 | |
| Upper Division Elective | 3 | |
| Term hours subtotal: | 15 | |

- ARS Upper Division Elective cannot be ARS 300.
- Art Upper Division Elective cannot be ARA 311 or ARS 300.
- Gather **professional references**.

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|--|----|---|
| ★ ART 482: Senior Exhibitions/Portfolio | 3 | C |
| Complete 2 courses: Upper Division Photography Elective | 6 | C |
| ARS Upper Division Elective | 3 | C |
| Term hours subtotal: | 12 | |

- ARS Upper Division Elective cannot be ARS 300.
- Art Elective cannot be ARA 311, ARS 100 or ARS 300.
- Complete ART 482 Senior Exhibitions/Portfolio and finalize portfolio.

- Students must complete 12 hours of ARS coursework (not from ARS 100 or 300); must include ARS 250, nine upper-division hours, and one Asian/African/Native Am./Latin Am. Focus course.

Hide Course List(s)/Track Group(s)

| 3D Art Course | Photography Elective | Art History Asian/African/Native Am./Latin Am. Focus |
|---|--|--|
| ART 216: Intermedia Practices | ARA 498: Photography and Language (L) | ARS 362: Survey of Aztec Maya and Inka Art (HU) |
| ART 217: Introduction to Computer Animation | ART 301: Alternative Processes I | ARS 369: Mexican Art (HU) |
| ART 218: 3D Tools | ART 304: Junior Photographic Projects | ARS 394: Anime |
| ART 231: Sculpture I | ART 307: View Camera | ARS 394: Egyptian Art and Culture |
| ART 261: Ceramic Survey | ART 394: Advanced Black and White | ARS 394: Islamic Art |
| ART 272: Introduction to Metals and Jewelry | ART 403: Senior Photographic Projects | ARS 394: Modern and Contemporary Chinese Art |
| ART 274: Wood I | ART 404: Portraiture Photography | ARS 402: Art of Ancient Egypt (HU & H) |
| ART 276: Fibers I | ART 408: Experimental Film | ARS 444: Films of India |
| FSH 202: Fashion Construction | ART 409: Photographic Exhibition | ARS 465: Native Art of North America (HU & C & H) |
| | ART 410: Landscape Photography | ARS 472: Art of China (HU) |
| | ART 415: Digital Compositing | ARS 473: Art of Japan (HU) |
| | ART 418: Alternative Processes II | ARS 475: Chinese Painting (HU) |
| | ART 467: Art and Ecology | ARS 494: Art of the Inka and their Ancestors |
| | ART 494: Digital Cameras & Photo Editing | ARS 494: Global Textiles and Fashion |
| | ART 494: Digital Printing | ARS 494: Oceanic Art |
| | ART 494: Documentary Photography | |
| | ART 494: Photo Fieldwork | |
| | ART 494: Photogravure | |
| | ART 494: Photolithography Prints | |
| | ART 494: The Photobook | |
| | ART 498: Pro-Seminar (L) | |

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)

- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.





2020 - 2021 Major Map





Art (Printmaking), BFA





School/College: Herberger Institute for Design and the Arts

Location: Tempe campus

FAARTPMBFA

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  ARA 101: ASU: The Art Experience | 1 | | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ARA 101: The Art Experience is required of all first-year art majors only. • Select your career interest communities and play me3@ASU. |
|  ART 111: Foundation Drawing OR ART 112: 2-D Design OR ART 115: 3-D Design | 3 | C | |
|  ART 113: Color | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 142: College Mathematics (MA) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  ART 111: Foundation Drawing OR ART 112: 2-D Design OR ART 115: 3-D Design | 3 | C | <ul style="list-style-type: none"> • Join a student club or professional organization. |
|  ART 253: Introduction to Printmaking | 3 | C | |
| ARS 101: Art from Prehistory Through Middle Ages (HU & H) OR ARS 102: Art from Renaissance to Modernism (HU & H) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 3 31 - 47 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  ART 111: Foundation Drawing OR ART 112: 2-D Design OR ART 115: 3-D Design | 3 | C | <ul style="list-style-type: none"> • Build your professional connections -- join the ASU Mentor Network |
|  2D Art Course | 3 | C | |
| ARS 201: Art of Asia (HU & H & G) OR ARS 202: Art of Africa, Oceania, and the Americas (HU & H & G) | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 47 - 63 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|  2D or 3D Art Course | 3 | C | |

| | | |
|--|----|---|
| 3D Art Course | 3 | C |
| ARA 240: Encounters with Contemporary Art | 1 | C |
| Natural Science - Quantitative (SQ) | 4 | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | |
| Elective | 2 | |
| Term hours subtotal: | 16 | |

- Gather information of your past work for your future portfolio.
- Explore **internships**.

| Term 5 63 - 78 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ ART 351: Intaglio I | 3 | C | <ul style="list-style-type: none"> • Use Handshake to research employment opportunities. |
| ★ ART 354: Screen Printing I | 3 | C | |
| Upper Division Art History Asian/ African/ Native Am./ Latin Am. Focus | 3 | C | |
| ARA OR ARE OR ARS OR ART OR FSH Lower Division Elective | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ ART 352: Lithography I | 3 | C | <ul style="list-style-type: none"> • ARS Upper Division Elective cannot be ARS 300. • Art Upper Division Elective cannot be ARA 311 or ARS 300. • ART 354 must be completed by term 6. |
| Upper Division Printmaking Elective | 3 | C | |
| ARS course (HU) Upper Division | 3 | C | |
| ARA OR ARE OR ARS OR ART OR FSH Upper Division Elective | 3 | C | |
| Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ ARA 396: Professional Practices for Design and the Arts | 3 | C | <ul style="list-style-type: none"> • Art Upper Division Elective cannot be ARA 311 or ARS 300. • Gather professional references. |
| Complete 2 courses: | | | |
| Upper Division Printmaking Elective | 6 | C | |
| ARS Upper Division Elective | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ ART 482: Senior Exhibitions/Portfolio | 3 | C | <ul style="list-style-type: none"> • Art Elective courses cannot be ARA 311, ARS 100 or ARS 300. • Complete ART 482: Senior Exhibitions/Portfolio and finalize portfolio. |
| Upper Division Printmaking Elective | 3 | C | |
| ARA OR ARE OR ARS OR ART OR FSH Upper Division Elective | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 12 | | |

- Students must complete 9 hours of ARS coursework (not from ARS 100 or 300); must include 6 hours upper division, one Asian/African/Native Am./Latin Am. Focus course, and 2 upper division ARS electives. If students take a lower division Asian/African/Native Am./Latin Am. Focus course, both ARS electives must be upper division and one must include an HU general studies designation.

Hide Course List(s)/Track Group(s)

| 2D Art Course | 3D Art Course | 2D or 3D Art Course |
|---|--|---|
| ART 201: Photography I (HU) | ART 216: Intermedia Practices | ART 201: Photography I (HU) |
| ART 204: Photography II: Black and White | ART 217: Introduction to Computer Animation | ART 204: Photography II: Black and White |
| ART 205: Photography II: Color | ART 218: 3D Tools | ART 205: Photography II: Color |
| ART 211: Drawing II | ART 231: Sculpture I | ART 211: Drawing II |
| ART 214: Figure Drawing | ART 261: Ceramic Survey | ART 214: Figure Drawing |
| ART 223: Painting | ART 272: Introduction to Metals and Jewelry | ART 216: Intermedia Practices |
| ART 227: Watercolor | ART 274: Wood I | ART 217: Introduction to Computer Animation |
| FSH 203: Fashion Illustration | ART 276: Fibers I | ART 218: 3D Tools |
| | FSH 202: Fashion Construction | ART 223: Painting |
| | | ART 227: Watercolor |
| | | ART 231: Sculpture I |
| | | ART 261: Ceramic Survey |
| | | ART 272: Introduction to Metals and Jewelry |
| | | ART 274: Wood I |
| | | ART 276: Fibers I |
| | | FSH 202: Fashion Construction |
| | | FSH 203: Fashion Illustration |
| Printmaking Elective | Art History Asian/African/Native Am./Latin Am. Focus | |
| ART 445: Digital Processes for Printmaking | ARS 362: Survey of Aztec Maya and Inka Art (HU) | |
| ART 451: Advanced Intaglio | ARS 369: Mexican Art (HU) | |
| ART 452: Advanced Lithography | ARS 394: Anime | |
| ART 453: Experimental Printmaking: Expanding the Matrix | ARS 394: Egyptian Art and Culture | |
| ART 454: Advanced Screen Printing | ARS 394: Islamic Art | |
| ART 455: Artists' Books | ARS 394: Modern and Contemporary Chinese Art | |
| ART 456: Letterpress Studio | ARS 402: Art of Ancient Egypt (HU & H) | |
| ART 459: Monoprinting | ARS 444: Films of India | |
| ART 494: Photolithography Prints | ARS 465: Native Art of North America (HU & C & H) | |
| ART 494: Time Narrative & the Multiple | | |

ARS 472: Art of China (HU)

ARS 473: Art of Japan (HU)

ARS 475: Chinese Painting (HU)

ARS 494: Art of the Inka and their Ancestors

ARS 494: Global Textiles and Fashion

ARS 494: Oceanic Art

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map




Art (Sculpture), BFA



School/College: Herberger Institute for Design and the Arts


Location: Tempe campus

FAARTSBFA

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  ARA 101: ASU: The Art Experience | 1 | | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ARA 101: The Art Experience is required of first-year art majors only. • Select your career interest communities and play me3@ASU. |
|  ART 111: Foundation Drawing OR ART 112: 2-D Design | 3 | C | |
|  ART 115: 3-D Design | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Mathematics (MA) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ART 231: Sculpture I OR ART 272: Introduction to Metals and Jewelry or ART 274: Wood I | 3 | C | <ul style="list-style-type: none"> • Students should complete either ART 113 or 116, not both. ART 116 is recommended for Sculpture majors over ART 113. • Join a student club or professional organization. |
| ARS 101: Art from Prehistory Through Middle Ages (HU & H) OR ARS 102: Art from Renaissance to Modernism (HU & H) | 3 | C | |
| ART 111: Foundation Drawing OR ART 112: 2-D Design OR ART 113: Color or ART 116: Introduction to Digital Media | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 3 31 - 47 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ART 231: Sculpture I OR ART 272: Introduction to Metals and Jewelry or ART 274: Wood I | 3 | C | <ul style="list-style-type: none"> • Build your professional connections -- join the ASU Mentor Network |
| ARS 201: Art of Asia (HU & H & G) OR ARS 202: Art of Africa, Oceania, and the Americas (HU & H & G) | 3 | C | |
| ART 111: Foundation Drawing OR ART 112: 2-D Design OR ART 113: Color or ART 116: Introduction to Digital Media | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
|  Complete Mathematics (MA) requirement. | | | |
| Complete First-Year Composition requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 47 - 61 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  2D Art Course | 3 | C | |

| | | |
|--|----|---|
| ◆ 2D or 3D Art Course | 3 | C |
| ARA 240: Encounters with Contemporary Art | 1 | C |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | |
| Term hours subtotal: | 14 | |

- ARA 240: Encounters with Contemporary Art is required for BFA majors.
- Gather documentation of past works for your future portfolio.
- Explore an **internship**.

| Term 5 61 - 76 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ ART 331: Sculpture II | 3 | C | <ul style="list-style-type: none"> • Students must complete six hours of upper-division ARS coursework (not from ARS 300). One course must have the HU designation. • Art Elective course cannot be ARA 311, ARS 100 or ARS 300. • Students may use their Upper Division Sculpture Electives to concentrate on Metals or Wood. Recommend ART 372 for Metals emphasis or ART 374 for Woods emphasis. • Faculty recommend at least one of the following art history courses: ARS 438 or ARS 439. • Use Handshake to research employment opportunities. |
| Upper Division Sculpture Elective | 3 | C | |
| Upper Division ARS Elective AND Upper Division Humanities, Arts and Design (HU) | 3 | C | |
| ARA OR ARE OR ARS OR ART OR FSH Elective | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 76 - 91 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ ART 430: Advanced Sculpture: Materials and Techniques OR ART 434: Advanced Sculpture: Context and Content | 3 | C | <ul style="list-style-type: none"> • Students must complete six hours of upper-division ARS coursework (not from ARS 300). • Upper Division Sculpture Elective: Recommend ART 373 for Metals emphasis or ART 474 for Woods emphasis. |
| Upper Division Sculpture Elective | 3 | C | |
| ARS Upper Division Elective | 3 | C | |
| Complete 2 courses: Elective | 6 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 91 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ ARA 396: Professional Practices for Design and the Arts | 3 | C | <ul style="list-style-type: none"> • Art Upper Division Elective courses cannot be ARA 311 or ARS 300. • Upper Division Sculpture Elective: Recommend ART 472 for Metals emphasis. • Gather professional references. |
| ★ ART 430: Advanced Sculpture: Materials and Techniques OR ART 434: Advanced Sculpture: Context and Content | 3 | C | |
| Upper Division Sculpture Elective | 3 | C | |
| ARA OR ARE OR ARS OR ART OR FSH Upper Division Elective | 3 | C | |
| Elective | 2 | | |
| Term hours subtotal: | 14 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ ART 482: Senior Exhibitions/Portfolio | 3 | C | <ul style="list-style-type: none"> • Art Upper Division Elective courses cannot be ARA 311 or ARS 300. |
| Upper Division Sculpture Elective | 3 | C | |
| Complete 2 courses: | | | |

| | | |
|---|----|---|
| ARA OR ARE OR ARS OR ART OR FSH Upper Division Elective | 6 | C |
| Elective | 3 | |
| Term hours subtotal: | 15 | |

- Upper Division Sculpture Elective: Recommend ART 473 for Metals emphasis.
- Complete ART 482 Senior Exhibitions/Portfolio and finalize portfolio.

Hide Course List(s)/Track Group(s)

| 2D Art Course | 2D or 3D Art Course | Upper Division Sculpture Elective |
|--|---|--|
| ART 201: Photography I (HU) | ART 201: Photography I (HU) | ART 333: Foundry Casting Methods |
| ART 204: Photography II: Black and White | ART 204: Photography II: Black and White | ART 372: Casting and Jewelry Techniques |
| ART 205: Photography II: Color | ART 205: Photography II: Color | ART 373: Form Emphasis in Metals |
| ART 211: Drawing II | ART 211: Drawing II | ART 374: Wood II |
| ART 214: Figure Drawing | ART 214: Figure Drawing | ART 424: Stop Motion Animation |
| ART 223: Painting | ART 216: Intermedia Practices | ART 432: Neon Sculpture |
| ART 227: Watercolor | ART 217: Introduction to Computer Animation | ART 433: Foundry Casting Methods |
| ART 253: Introduction to Printmaking | ART 218: 3D Tools | ART 435: Foundry Research Methods |
| FSH 203: Fashion Illustration | ART 223: Painting | ART 436: Architectural Sculpture |
| | ART 227: Watercolor | ART 438: Moving and Interactive Systems in Sculpture |
| | ART 253: Introduction to Printmaking | ART 472: Advanced Jewelry and Surface Techniques |
| | ART 261: Ceramic Survey | ART 473: Advanced Metals and Mechanisms |
| | ART 272: Introduction to Metals and Jewelry | ART 474: Advanced Wood |
| | ART 274: Wood I | ART 494: Illumination Systems |
| | ART 276: Fibers I | |
| | FSH 202: Fashion Construction | |
| | FSH 203: Fashion Illustration | |

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.

2020 - 2021 Major Map












Art (Textiles), BFA

School/College: Herberger Institute for Design and the Arts

Location: Tempe campus

FAARTFBFA

This program's name has changed effective Fall 2020. The previous name was Art (Fibers).

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  ARA 101: ASU: The Art Experience | 1 | | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ARA 101: The Art Experience is required of first-year art majors only. • Select your Career Interest Communities and play me3@ASU. |
|  ART 112: 2-D Design | 3 | C | |
|  ART 115: 3-D Design | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Mathematics (MA) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 16 | | |
| Term 2 16 - 31 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
| <i>Complete 2 courses:</i> | | | <ul style="list-style-type: none"> • Join a student club or professional organization. |
|  ART 111: Foundation Drawing OR ART 113: Color OR ART 276: Fibers I | 6 | C | |
| ARS 101: Art from Prehistory Through Middle Ages (HU & H) OR ARS 102: Art from Renaissance to Modernism (HU & H) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |
| Term 3 31 - 47 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  ART 111: Foundation Drawing OR ART 113: Color OR ART 276: Fibers I | 3 | C | <ul style="list-style-type: none"> • Build your professional connections -- join the ASU Mentor Network |
| 2D Art Course | 3 | C | |
| ARS 201: Art of Asia (HU & H & G) OR ARS 202: Art of Africa, Oceania, and the Americas (HU & H & G) | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
|  Complete Mathematics (MA) requirement. Complete First-Year Composition requirement. | | | |
| Term hours subtotal: | 16 | | |
| Term 4 47 - 61 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |

| | | |
|--|----|---|
| 3D Art Course | 3 | C |
| ARA 240: Encounters with Contemporary Art | 1 | C |
| ART 376: Weaving and Dyeing OR ART 377: Surface to Form | 3 | C |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | |
| Term hours subtotal: | 14 | |

- ARA 240: Encounters with Contemporary Art is required for BFA majors.
- Gather documentation of your past works for your future portfolio.
- Explore an **internship**.

| Term 5 61 - 76 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ ART 376: Weaving and Dyeing OR ART 377: Surface to Form | 3 | C | <ul style="list-style-type: none"> • ART 376 only offered in the Fall semester. • Use Handshake to research employment opportunities. |
| 2D or 3D Art Course | 3 | C | |
| Upper Division Art History Asian/African/Native Am./Latin Am. Focus | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 76 - 91 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| <i>Complete 2 courses:</i> | | | <ul style="list-style-type: none"> • Art Upper Division Elective course cannot be ARA 311 or ARS 300. • ARS Upper Division Elective cannot be ARS 300. |
| Upper Division Fibers Elective | 6 | C | |
| Upper Division Art History Modern Focus | 3 | C | |
| ARA OR ARE OR ARS OR ART OR FSH Upper Division Elective | 3 | C | |
| Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 91 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ ARA 396: Professional Practices for Design and the Arts | 3 | C | <ul style="list-style-type: none"> • Art Upper Division Elective course cannot be ARA 311 or ARS 300. • Gather professional references. |
| <i>Complete 2 courses:</i> | | | |
| Upper Division Fibers Elective | 6 | C | |
| ARA OR ARE OR ARS OR ART OR FSH Upper Division Elective | 3 | C | |
| Elective | 2 | | |
| Term hours subtotal: | 14 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ ART 482: Senior Exhibitions/Portfolio | 3 | C | <ul style="list-style-type: none"> • Art Elective course cannot be ARA 311, ARS 100 or ARS 300. • Complete ART 482 Senior Exhibitions/Portfolio and finalize portfolio. |
| Upper Division Fibers Elective | 3 | C | |
| ARA OR ARE OR ARS OR ART OR FSH Upper Division Elective | 3 | C | |
| ARA OR ARE OR ARS OR ART OR FSH Elective | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 15 | | |

- Students must complete 6 hours of upper division ARS coursework (not from ARS 300); must include one Asian/African/Native Am./Latin Am. Focus course and one 20th Century Focus course.

Hide Course List(s)/Track Group(s)

| 2D Art Course | 3D Art Course | 2D or 3D Art Course |
|---|--|--|
| ART 201: Photography I (HU) | ART 216: Intermedia Practices | ART 201: Photography I (HU) |
| ART 204: Photography II: Black and White | ART 217: Introduction to Computer Animation | ART 204: Photography II: Black and White |
| ART 205: Photography II: Color | ART 218: 3D Tools | ART 205: Photography II: Color |
| ART 211: Drawing II | ART 231: Sculpture I | ART 211: Drawing II |
| ART 214: Figure Drawing | ART 261: Ceramic Survey | ART 214: Figure Drawing |
| ART 223: Painting | ART 272: Introduction to Metals and Jewelry | ART 216: Intermedia Practices |
| ART 227: Watercolor | ART 274: Wood I | ART 217: Introduction to Computer Animation |
| ART 253: Introduction to Printmaking | FSH 202: Fashion Construction | ART 218: 3D Tools |
| FSH 203: Fashion Illustration | | ART 223: Painting |
| | | ART 227: Watercolor |
| | | ART 231: Sculpture I |
| | | ART 253: Introduction to Printmaking |
| | | ART 261: Ceramic Survey |
| | | ART 272: Introduction to Metals and Jewelry |
| | | ART 274: Wood I |
| | | FSH 202: Fashion Construction |
| | | FSH 203: Fashion Illustration |
| Upper Division Fibers Elective | Art History Asian/African/Native Am./Latin Am. Focus | Art History Modern Focus |
| ART 376: Weaving and Dyeing | ARS 362: Survey of Aztec Maya and Inka Art (HU) | ARS 330: The Portrait (HU) |
| ART 377: Surface to Form | ARS 369: Mexican Art (HU) | ARS 340: Art in America (HU & H) |
| ART 378: Digital Textiles | ARS 394: Anime | ARS 345: Art and Television |
| ART 476: Advanced Textile Construction | ARS 394: Egyptian Art and Culture | ARS 370: The Art of the Comic |
| ART 477: Printed Textiles | ARS 394: Islamic Art | ARS 394: Modern and Contemporary Chinese Art |
| ART 478: Advanced Surface to Form | ARS 394: Modern and Contemporary Chinese Art | ARS 435: The Pre-Raphaelites |
| ART 479: 3-D Fibers: Construction and Content | ARS 402: Art of Ancient Egypt (HU & H) | ARS 438: Art of the 20th Century I (HU & H) |
| ART 494: Special Topics | ARS 444: Films of India | ARS 439: Art of the 20th Century II (HU & H) |
| ART 499: Individualized Instruction | ARS 465: Native Art of North America (HU & C & H) | ARS 440: Identity and World Film (C) |
| | ARS 472: Art of China (HU) | ARS 443: Artists in Film: Artists' Biopics |
| | ARS 473: Art of Japan (HU) | ARS 485: Women in the Visual Arts (L) |
| | | ARS 494: History of Animation |

ARS 475: Chinese Painting (HU)

ARS 494: Art of the Inka and their Ancestors

ARS 494: Global Textiles and Fashion

ARS 494: Oceanic Art

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.


2020 - 2021 Major Map



Arts (BA in the Arts), BA



School/College: Herberger Institute for Design and the Arts

Location: Tempe campus

FAATSBA

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ARA 101: ASU: The Art Experience OR AME 101: ASU Digital Culture Experience OR DSC 100: ASU Design Experience OR HDA 101: ASU & Herberger Institute Experience OR THF 125: Orientation to Film, Dance and Theatre OR MUP 101: The ASU School of Music Experience | 1 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ARA 101, AME 101, DSC 100, THF 101 & MUP 101 are typically only offered in Fall semesters; HDA 101 is typically only offered in Spring semesters. • Join a student club or professional organization. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| HDA 210: Creativity and Innovation in Design and the Arts | 3 | C | |
| Arts Discipline and Practice Course | 3 | C | |
| Mathematics (MA) | 3 | | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • By the end of the semester, students will select 1 of 3 possible focus areas: Arts Administration, Entertainment Design, or an Individual Focus. Students interested in pursuing an Individual Focus should contact their academic advisor for assistance with submitting their proposal for approval. |
| Arts Discipline and Practice Course | 3 | C | |
| Historical and Theoretical Arts Studies | 3 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | C | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 3 31 - 47 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| DSC 101: Design Awareness (HU & G) OR GRA 101: Designing Life | 3 | C | |
| Focus Area Course | 3 | C | |
| Historical and Theoretical Arts Studies with African / Asian / Latin American / Native American Focus AND Humanities, Arts and Design (HU) | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
|  Complete Mathematics (MA) requirement. | | | |
| Complete First-Year Composition requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 47 - 63 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|--|----|---|
| HDA 252: Foundations Arts and Design Entrepreneurship | 3 | C |
| Arts Discipline and Practice Course | 3 | C |
| Focus Area Course | 3 | C |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | |
| Complete Computer/Statistics/Quantitative Applications (CS) course(s). | | |
| Term hours subtotal: | 16 | |

- Create a first draft **resume**.

| Term 5 63 - 78 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|---|----|---|
| ★ Upper Division Focus Area Course | 3 | C |
| ACC 231: Uses of Accounting Information I OR ACC 232: Financial Accounting I OR ACC 382: Accounting and Financial Analysis OR ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB) OR ECN 221: Business Statistics (CS) OR FIN 380: Personal Financial Management OR STP 226: Elements of Statistics (CS) | 3 | C |
| Upper Division Arts Discipline and Practice Course | 3 | C |
| Upper Division Literacy and Critical Inquiry (L) | 3 | |
| Upper Division Elective | 3 | |
| Term hours subtotal: | 15 | |

- Explore an **internship**; after finding an internship, complete the **Internship Application** form request to receive course credit.

| Term 6 78 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|--|----|---|
| ★ HDA 310: Socially Engaged Practice | 3 | C |
| ★ HDA 397: Capstone Development | 1 | C |
| ARA 489: Writing Art and Design Criticism (L) OR ARS 345: Art and Television OR ART 110: Drawing as Seeing and Thinking (HU) OR FMP 403: Independent Film (HU) OR FMP 405: Film Genres, Part 2 (HU) OR MUS 213: Critical Thinking in the Arts (HU) OR THE 421: Shakespeare: Stage and Film (L or HU) | 3 | C |
| HDA 484: Internship | 3 | C |
| Upper Division Focus Area Course | 3 | C |
| Elective | 2 | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |
| Term hours subtotal: | 15 | |

- Students are responsible for securing their own internship experience. Students must receive approval prior to working at the internship in order for the experience to apply as course credit.
- Gather professional references and format the information as an **addendum to your resume**.

| Term 7 93 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | |
|---|----|---|
| ★ Upper Division Capstone: Thesis or Independent Research Project | 3 | C |
| Upper Division Focus Area Course | 3 | C |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | |
| Complete 2 courses: Upper Division Elective | 6 | |
| Term hours subtotal: | 15 | |

- For the Upper Division Capstone, please consult with faculty mentor and academic advisor for appropriate course options.
- Develop a website / portfolio to aid in applying for full-time careers.

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|---|----|---|
| ★ Upper Division Capstone: Thesis or Independent Research Project | 3 | C |
| Upper Division Focus Area Course | 3 | C |
| Upper Division Elective | 3 | |
| Elective | 3 | |
| Term hours subtotal: | 12 | |

- For the Upper Division Capstone, please consult with faculty mentor and academic advisor for appropriate course options.

- Students will select 1 of 3 possible focus area tracks: Arts Administration, Entertainment Design, or an Individual Focus. Students interested in pursuing an Individual Focus should contact their academic advisor for assistance with submitting their proposal for approval.

Hide Course List(s)/Track Group(s)

| | | |
|--|---|---|
| Arts Discipline and Practice: Select 4 courses; 12 credits (at least 3 upper division) | Historical and Theoretical Arts Studies with African / Asian / Latin American / Native American Focus AND Humanities Arts and Design (HU): Select 1 course; 3 credits | Historical and Theoretical Arts Studies: Select 1 course; 3 credits |
| ALA Elective | | APH Elective |
| AME Elective | ALA 100: Introduction to Environmental Design (HU & H & G) | ALA 100: Introduction to Environmental Design (HU & H & G) |
| ARA Elective | | |
| ART Elective | ALA 102: Landscapes and Sustainability (HU & G) | ALA 102: Landscapes and Sustainability (HU & G) |
| DCE Elective | | AME 310: Media Literacies and Composition |
| DSC Elective | APH 300: World Architecture I/Western Cultures (HU & H & G) | ARA 202: Understanding Photographs |
| EDS Elective | APH 313: History of Architecture I ((L or HU) & G & H) | ARA 498: Photography and Language (L) |
| FMP Elective | | ARS Elective |
| FSH Elective | APH 314: History of Architecture II ((L or HU) & G & H) | DCE 201: Dance Culture and Global Contexts (HU) |
| GRA Elective | ARS 201: Art of Asia (HU & H & G) | DCE 202: Dance in U.S. Popular Culture (HU & C) |
| IND Elective | ARS 202: Art of Africa Oceania and the Americas (HU & H & G) | DCE 300: Moving Histories (HU) |
| INT Elective | | DCE 301: Meaning in Motion (L or HU) |
| MUP Elective | ARS 362: Survey of Aztec Maya and Inka Art (HU) | DCE 402: Ethnography of Dance Practices (L) |
| MUS Elective | ARS 369: Mexican Art (HU) | DSC 101: Design Awareness (HU & G) |
| THE Elective | ARS 465: Native Art of North America (HU & C & H) | FMP 250: Sex and Violence in Film and TV: Ethics Survey |
| THF Elective | ARS 472: Art of China (HU) | GRA 111: Graphic Design History I (HU) |
| THP Elective | ARS 473: Art of Japan (HU) | GRA 112: Graphic Design History II |
| | ARS 475: Chinese Painting (HU) | IND 316: 20th-Century Design I (HU & H) |
| | DCE 201: Dance Culture and Global Contexts (HU) | IND 317: 20th-Century Design II (HU & H) |
| | DSC 101: Design Awareness (HU & G) | INT 111: Interior Design Issues and Theories (HU) |
| | MHL 344: Music in World Cultures (HU & G) | INT 310: History of Interior Design I (HU & H) |
| | THE 422: Latinx Theatre and Film (HU & C) | |

INT 311: History of Interior Design II (HU & H)

LPH Elective

MHL Elective

MUS 131: Bach to Bebop (HU)

MUS 340: Music for the Concert Hall Stage and Screen (HU & H)

MUS 347: Jazz in America (HU & C)

MUS 354: Classic Rock: 1950-1975 (HU)

MUS 355: American Music (HU & C & H)

MUS 356: Broadway and the American Musical (HU)

MUS 362: Rap Music and Hip Hop Culture (HU & C)

MUS 371: World Music (HU & G)

MUS 410: History of Women in Music (HU & C & H)

THE 322: Theatre History and Culture (HU & H)

THE 422: Latinx Theatre and Film (HU & C)

THE 423: African American Theatre (C)

THE 426: Pre-Columbian Theatre of the Americas

THE 430: History of Fashion I (HU)

THE 431: History of Fashion II: 20th-Century Fashion

Arts Administration Track (0 or 18 credits)

Students that select the Arts Administration Track must complete 18 credits (at least 12 upper division credits) from this group.

MGT 380: Management and Strategy for Nonmajors AND MKT 390: Essentials of Marketing or MKT 395: Essentials of Advertising and Marketing Communication

Pick an additional four courses (12 more credits; at least 6 upper division credits):

ACC Elective

ARA 396: Professional Practices for Design and the Arts

ARA 460: Gallery Exhibitions

DSC 394: Design Entrepreneurship & Society

DSC 494: Practice Management

Entertainment Design Track (0 or 18 credits)

Students that select the Entertainment Design Track must complete 18 credits (at least 12 upper division credits) from this group.

AME 111: Introduction to Digital Culture (CS)

AME 112: Computational Thinking for Digital Culture

AME 130: Prototyping Dreams (L)

AME 230: Programming for the Media Arts (CS)

AME 320: Motion Capture for Integrative Systems

AME 340: Compositional and Computational Principles for Media Arts

AME 411: Advanced Interactive Sound
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Individual Focus Track (0 or 18 Credits)

Students that are interested in the Individual Focus will need to work with an Academic Advisor and Faculty member to submit a proposal. Focus area courses are approved through submission of the proposal.

| | |
|--|--|
| ECN Elective | AME 470: Programming for Social and Interactive Media |
| ENT Elective | |
| ENT 290: Entrepreneurship: Opportunity to Impact | ARA 460: Gallery Exhibitions |
| FIN Elective | ART 110: Drawing as Seeing and Thinking (HU) |
| FMP 417: Business and Legal Practices in Entertainment | ART 116: Introduction to Digital Media |
| GRA 440: Finding Purpose | ART 201: Photography I (HU) |
| HDA 420: Design and the Arts Business Administration | ART 217: Introduction to Computer Animation |
| INT 471: Facilities Management | ART 261: Ceramic Survey |
| MGT Elective | ART 274: Wood I |
| MGT 400: Cross-Cultural Management (C & G) | ART 346: 3-D Computer Imaging and Animation (CS) |
| MKT Elective | ART 348: Animation Motion Studies |
| MUP 438: The Enterprising Musician | DCE 100: Introduction to Dance (HU) |
| MUP 439: Music Product Creation and Development | DCE 203: Walk this Way |
| NLM Elective | DCE 240: Media for Dance (CS) |
| NLM 220: Introduction to Nonprofit Organizations | EDS 223: Design Thinking |
| NLM 235: Leadership and Ethics | FSH 435: Contemporary Fashion |
| NLM 300: Fund Raising and Resource Development | FMP 201: Film: The Creative Process I (HU) |
| NLM 310: Volunteer Management | FMP 225: Introduction to Visual Effects |
| NLM 410: Social Entrepreneurship | FMP 240: Introduction to Animation for Film |
| NLM 430: Managing Nonprofit Organizations (L) | FMP 255: Media Authorship (CS) |
| NLM 435: Service Learning for Community Development | FMP 280: Introduction to Film and Media Production |
| NLM 451: Grant Writing | FMP 325: Guerilla VFX |
| OGL Elective | GRA 101: Designing Life |
| PAF 300: Public Management and Administration | GRA 401: Creative Environment |
| THP 251: Student Production Board I | HDA 420: Design and the Arts Business Administration |
| THP 351: Arts Management | IAP 104: Foundations I: Fundamentals of Sound Art |
| THP 450: Theatre Organization and Management | IAP 321: Music Composition I |
| THP 451: Student Production Board II | IAP 322: Multitrack Digital Recording |
| | IAP 325: Sound Performance: Exploring Alternative Performance Groups |
| | IND 242: Materials and Design |
| | IND 344: Human Factors in Design |
| | INT 351: Ambient Environment |

INT 446: Furniture Design and Production

MDC 211: Introduction to Digital Sound

MDC 311: Composing and Performing for Hybrid Ensembles

MUP 319: Advanced Audio Engineering in the Arts

MUS 100: Fundamentals of Music Notation

MUS 210: The Arts Around Us (HU)

MUS 211: Dance Music and Meaning (HU)

MUS 212: Music Meaning and Imagination (HU)

MUS 294: Music and Society

MUS 294: Producing Hip Hop and Dance Music I

MUS 294: Songwriting

MUS 355: American Music (HU & C & H)

MUS 362: Rap Music and Hip Hop Culture (HU & C)

MUS 371: World Music (HU & G)

THF 101: Acting Introduction

THF 215: Design and Composition for Theatre and Film

THP 201: Theatre Production Crew

THP 213: Introduction to Technical Theatre

THP 214: Introduction to Costuming

THP 317: Stage Management

THP 330: Costume Design

THP 332: Makeup

THP 335: Advanced Stagecraft

THP 340: Scene Design

THP 345: Lighting Design

THP 350: Sound Design

THP 355: Media Design for Performance

THP 394: Pattern Drafting for Theatre

THP 431: Advanced Costume Construction

THP 435: Technical Direction

THP 440: Advanced Scene Design

THP 441: Scene Painting

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THP 442: Drawing

THP 444: Drafting for the Stage

THP 445: Advanced Lighting Design

THP 455: Advanced Media Design

THP 494: Art Direction

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.






2020 - 2021 Major Map






Dance, BFA





School/College: Herberger Institute for Design and the Arts

Location: Tempe campus

FADANBFA

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  DCE 130: First-Year Movement Practices I | 2 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. Dance majors take DCE 170 to complete this requirement. • One Personal Movement Practices course (DCE 133, 134, 135,136 or Latin) is required this term, but students may take an additional Personal Movement Practices course in this term for general elective credit if their schedule allows. • Join an organization and/or participate in an off-campus performance project. |
|  DCE 160: First-Year Creative Practices I | 3 | C | |
|  DCE 170: First-Year Seminar I | 1 | C | |
| Lower Division Personal Movement Practice | 2 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Mathematics (MA) | 3 | | |
| Elective | 2 | | |
|  Milestone: School of Dance students must successfully complete an entrance interview into the major before enrolling at ASU. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 33 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  DCE 131: First-Year Movement Practices II | 2 | C | <ul style="list-style-type: none"> • One Personal Movement Practices course is required this term, but students may take an additional Personal Movement Practices course (DCE 133, 134, 135,136 or Latin) in this term for general elective credit if their schedule allows. |
|  DCE 161: First-Year Creative Practices II | 3 | C | |
|  DCE 171: First-Year Seminar II OR THF 126: School of Film, Dance and Theatre: First-Year Experience | 2 | C | |
| DCE 201: Dance, Culture, and Global Contexts (HU) | 3 | C | |
| Lower Division Personal Movement Practice | 2 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Elective | 2 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 17 | | |

| Term 3 33 - 47 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  DCE 230: Second-Year Movement Practices I | 2 | C | <ul style="list-style-type: none"> • One Personal Movement Practices course is required this term, but students may take an additional Personal Movement Practices course in this term for general elective credit if their schedule allows. • Advancement in Personal Movement Practices is determined by instructor. |
|  DCE 260: Second-Year Creative Practices I | 3 | C | |
|  DCE 270: Second-Year Seminar I | 1 | C | |
| Lower Division Personal Movement Practice | 2 | C | |
| Computer/Statistics/Quantitative Applications (CS) OR DCE 240: Media for Dance (CS) | 3 | | |

Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) 3

◆ Complete Mathematics (MA) requirement.

Complete First-Year Composition requirement.

Term hours subtotal: 14

- Establish **career interests**, develop soft skills, **build a resume** and research **internship opportunities**.

| Term 4 47 - 61 Credit Hours Critical course signified by ◆ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | | |
|---|-----|---|--|
| ◆ DCE 231: Second-Year Movement Practices II | 2 | C | |
| ◆ DCE 261: Second-Year Creative Practices II | 3 | C | |
| ◆ DCE 300: Moving Histories (HU) | 3 | C | |
| ◆ DCE 354: Creative Approaches to Teaching Dance I | 3 | C | |
| ◆ DCE 136: Somatic Practices I OR DCE 236: Somatic Practices II OR DCE 336: Somatic Practices III | 2-3 | C | |
| Elective | 1 | | |
| ◆ Complete DCE 201 course. | | | |

Term hours subtotal: 14-15

- One Personal Movement Practices course is required this term, but students may take an additional Personal Movement Practices course in this term for general elective credit if their schedule allows.
- Advancement in Personal Movement Practices is determined by instructor.

| Term 5 61 - 77 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | | |
|---|---|---|--|
| ★ DCE 360: Third-Year Creative Practices I | 3 | C | |
| DCE 301: Meaning in Motion (L or HU) | 3 | C | |
| DCE 330: Third-Year Movement Practices I | 2 | C | |
| DCE 356: Creative Approaches to Teaching Dance II | 3 | C | |
| Upper Division Personal Movement Practice | 3 | C | |
| Elective | 2 | | |

Term hours subtotal: 16

- One Personal Movement Practices course is required this term, but students may take an additional Personal Movement Practices course in this term for general elective credit if their schedule allows.
- Advancement in Personal Movement Practices is determined by instructor.
- Begin career/degree alignment. Engage in community partnerships or projects.

| Term 6 77 - 92 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | | |
|--|---|---|--|
| ★ DCE 361: Third-Year Creative Practices II | 3 | C | |
| DCE 331: Third-Year Movement Practices II | 2 | C | |
| DCE 402: Ethnography of Dance Practices (L) OR DCE 405: Rhetorical Moves (L or HU) | 3 | C | |
| Upper Division Personal Movement Practice | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal: 15

- One Personal Movement Practices course is required this term, but students may take an additional Personal Movement Practices course in this term for general elective credit if their schedule allows.
- Advancement in Personal Movement Practices is determined by instructor.

| Term 7 92 - 107 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | | |
|---|---|---|--|
| ★ DCE 460: Transition Project I | 2 | C | |
| Upper Division Personal Movement Practice | 3 | C | |
| DCE Upper Division Elective | 3 | C | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | | |

- Start **networking** professionally.

Term hours subtotal: 15

| Term 8 107 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ DCE 461: Transition Project II | 2 | C | |
| Upper Division Personal Movement Practice | 3 | C | |
| DCE Upper Division Elective | 3 | C | |
| Upper Division Elective OR DCE 484: Internship | 2 | | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Term hours subtotal: | 13 | | |

Hide Course List(s)/Track Group(s)

| Lower Division Personal Movement Practices | Upper Division Personal Movement Practices |
|--|--|
| DCE 133: Urban Movement Practices I | DCE 333: Urban Movement Practices III |
| DCE 134: Postmodern Contemporary I | DCE 334: Postmodern Contemporary III |
| DCE 135: Contemporary Ballet I | DCE 335: Contemporary Ballet III |
| DCE 136: Somatic Practices I | DCE 336: Somatic Practices III |
| DCE 194: Salsa I | DCE 338: Urban Movement Practices Ensemble |
| DCE 233: Urban Movement Practices II | DCE 394: Latin/Salsa III |
| DCE 234: Postmodern Contemporary II | |
| DCE 235: Contemporary Ballet II | |
| DCE 236: Somatic Practices II | |
| DCE 294: Salsa II | |

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

- General Studies Core Requirements:
- Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - Computer/Statistics/Quantitative Applications (CS)
 - Humanities, Arts and Design (HU)
 - Social-Behavioral Sciences (SB)
 - Natural Science - Quantitative (SQ)
 - Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.






2020 - 2021 Major Map






Dance (Dance Education), BFA





School/College: Herberger Institute for Design and the Arts

Location: Tempe campus

FADANEBFA

| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  DCE 130: First-Year Movement Practices I | 2 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. Dance majors complete DCE 170 to fulfill this requirement. • One Personal Movement Practices course (DCE 133, 134, 135,136 or Latin) is required this term, but students may take an additional Personal Movement Practices course in this term for general elective credit if their schedule allows. • Join an organization and/or participate in an off-campus performance project. |
|  DCE 160: First-Year Creative Practices I | 3 | C | |
|  DCE 170: First-Year Seminar I | 1 | C | |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| Lower Division Personal Movement Practice | 2 | C | |
| Mathematics (MA) | 3 | | |
|  Milestone: School of Dance students must successfully complete an entrance interview into the major before enrolling at ASU. | | | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  DCE 131: First-Year Movement Practices II | 2 | C | <ul style="list-style-type: none"> • One Personal Movement Practices course is required this term, but students may take an additional Personal Movement Practices course (DCE 133, 134, 135, 136 or Latin) in this term for general elective credit if their schedule allows. |
|  DCE 161: First-Year Creative Practices II | 3 | C | |
|  DCE 171: First-Year Seminar II OR THF 126: School of Film, Dance and Theatre: First-Year Experience | 2 | C | |
| DCE 201: Dance, Culture, and Global Contexts (HU) | 3 | C | |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| Lower Division Personal Movement Practice | 2 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) OR Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 18 | | |

| Term 3 32 - 46 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  DCE 230: Second-Year Movement Practices I | 2 | C | <ul style="list-style-type: none"> • One Personal Movement Practices course is required this term, but students may take an additional Personal Movement Practices course in this term for general elective credit if their schedule allows. |
|  DCE 260: Second-Year Creative Practices I | 3 | C | |
|  DCE 270: Second-Year Seminar I | 1 | C | |
| Lower Division Personal Movement Practice | 2 | C | |

| | |
|--|----|
| Computer/Statistics/Quantitative Applications (CS) OR DCE 240: Media for Dance (CS) | 3 |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) OR GCU 113: United States and Arizona Social Studies (SB & H) | 3 |
| Complete DCE 201 course. | |
| Complete Mathematics (MA) requirement. | |
| Complete First-Year Composition requirement. | |
| Term hours subtotal: | 14 |

- Advancement in Personal Movement Practice courses is determined by instructor.
- Establish **career interests**, develop soft skills, **build a resume** and research **internship opportunities**.
- GCU 113 satisfies the US and AZ constitution requirement needed for teaching in Arizona.
- Apply for Identity Verified Print (IVP) fingerprint clearance card through DPS website: <https://www.azdps.gov/services/public/fingerprint> You will need the card to be in the classroom with K-12th grade students, prior to starting your first internship.

| Term 4 46 - 63 Credit Hours Critical course signified by ⚠ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ⚠ DCE 231: Second-Year Movement Practices II | 2 | C | <ul style="list-style-type: none"> • One Personal Movement Practices course is required this term, but students may take an additional Personal Movement Practices course in this term for general elective credit if their schedule allows. • Prior to enrollment in Term 5 courses, you must meet with your advisor and submit an "Intent to Progress" form that notifies Teachers College you are ready to enroll in your first internship. You will upload a copy of your IVP Finger Print Card with this form, required by state law. Teachers College will then invite you to attend their mandatory Professional Pathways Orientation. |
| ⚠ DCE 261: Second-Year Creative Practices II | 3 | C | |
| ⚠ DCE 300: Moving Histories (HU) | 3 | C | |
| ⚠ DCE 354: Creative Approaches to Teaching Dance I | 3 | C | |
| Lower Division Personal Movement Practice | 2 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 17 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ DCE 360: Third-Year Creative Practices I | 3 | C | <ul style="list-style-type: none"> • One Personal Movement Practices course is required this term, but students may take an additional Personal Movement Practices course in this term for general elective credit if their schedule allows. • Begin first dance education internship. • Career/degree alignment. Engage in a community partnership or project. |
| ★ SED 398: Clinical Experience | 1 | C | |
| DCE 301: Meaning in Motion (L or HU) | 3 | C | |
| DCE 330: Third-Year Movement Practices I | 2 | C | |
| DCE 356: Creative Approaches to Teaching Dance II | 3 | C | |
| Upper Division Personal Movement Practice | 3 | C | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 95 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ BLE 407: SEI for Secondary Students (L) | 3 | C | <ul style="list-style-type: none"> • One Personal Movement Practices course is required this term, but students may take an additional Personal Movement Practices course in this term for general elective credit if their schedule allows. |
| ★ SED 496: Clinical Experience III | 1 | C | |
| DCE 331: Third-Year Movement Practices II | 2 | C | |
| DCE 336: Somatic Practices III | 3 | C | |
| DCE 361: Third-Year Creative Practices II | 3 | C | |
| DCE 402: Ethnography of Dance Practices (L) OR DCE 405: Rhetorical Moves (L or HU) | 3 | C | |
| Upper Division Personal Movement Practice | 2 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |

Minimum 2.50 GPA ASU Cumulative.

Term hours subtotal: 17

| Term 7 95 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| DCE Upper Division Elective | 3 | C | <ul style="list-style-type: none"> • Students may want to include a Personal Movement Practices course. • Start networking professionally. |
| EDP 313: Childhood and Adolescence (SB) | 3 | C | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| ★ Cultural Diversity in the U.S. (C) OR Global Awareness (G) | 3 | | |

Minimum 2.50 GPA ASU Cumulative.

Term hours subtotal: 13

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ SED 478: Student Teaching: Secondary Education (Grades 6-12) | 12 | C | <ul style="list-style-type: none"> • Your student teaching residency requires a full-time commitment in a K-12th grade classroom for the semester. • Students seeking teacher certification must pass required educator exams. Please speak with your advisor to plan appropriately. |
| Minimum 2.50 GPA ASU Cumulative. | | | |

Term hours subtotal: 12

Hide Course List(s)/Track Group(s)

| Lower Division Personal Movement Practices | Upper Division Personal Movement Practices |
|--|--|
| DCE 133: Urban Movement Practices I | DCE 333: Urban Movement Practices III |
| DCE 134: Postmodern Contemporary I | DCE 334: Postmodern Contemporary III |
| DCE 135: Contemporary Ballet I | DCE 335: Contemporary Ballet III |
| DCE 136: Somatic Practices I | DCE 336: Somatic Practices III |
| DCE 194: Salsa I | DCE 338: Urban Movement Practices Ensemble |
| DCE 233: Urban Movement Practices II | DCE 394: Latin/Salsa III |
| DCE 234: Postmodern Contemporary II | |
| DCE 235: Contemporary Ballet II | |
| DCE 236: Somatic Practices II | |
| DCE 294: Salsa II | |

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)

- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.





2020 - 2021 Major Map





Digital Culture, BA



School/College: Herberger Institute for Design and the Arts

Location: Tempe campus


HIDGCBA

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  AME 111: Introduction to Digital Culture (CS) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college specific equivalent First Year Seminar required of all first-year students. Digital Culture students complete AME 101 to fulfill this requirement. |
| AME 101: ASU Digital Culture Experience | 1 | C | |
| <i>Complete 2 courses:</i> | | | |
| AME 112: Computational Thinking for Digital Culture OR AME 130: Prototyping Dreams (L) OR AME 230: Programming for the Media Arts (CS) | 6 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 210: Brief Calculus (MA) | 3 | C | |
|  Maintain 3.00 GPA in Digital Culture coursework. | | | |
|  Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  AME 112: Computational Thinking for Digital Culture OR AME 130: Prototyping Dreams (L) OR AME 230: Programming for the Media Arts (CS) | 3 | C | <ul style="list-style-type: none"> • All Digital Culture majors must have a minimum 3.00 Digital Culture GPA at the end of Term 2 to continue in the program. If a student's Digital Culture GPA is below a 3.00, the student will be placed on a probationary status for one term. If the student is not successful in raising their Digital Culture GPA to a 3.00 after the probationary term, the student will not be able to continue in the Digital Culture program. • Join a student club or professional organization. |
| Lower Division Digital Culture Flexible Elective | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Elective | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Milestone: GPA First-Year Review | | | |
| Term hours subtotal: | 15 | | |

| Term 3 31 - 47 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| Digital Media - Media Arts & Design Course OR Digital Culture Studies Course | 3 | C | <ul style="list-style-type: none"> • Digital Media - Arts & Design Courses are classes that include digital media projects within a trans-disciplinary area of study. See course list or talk to your advisor for specific course options. • Build your skills. |
| Lower Division Digital Culture Studies Course | 3 | C | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Natural Science - Quantitative (SQ) (PHY 101 recommended) | 4 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
|  Complete Mathematics (MA) requirement. | | | |
| Complete First-Year Composition requirement. | | | |
| Complete MAT 210 course(s). | | | |

Term hours subtotal: 16

| Term 4 47 - 62 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|


Complete 2 courses:

| | | | |
|--|----|---|--|
|  Digital Media - Media Arts & Design Course OR Digital Culture Studies Course | 6 | C | |
| Lower Division History/Theory Course | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 5 62 - 78 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|


| | | | |
|---|----|---|--|
|  Upper Division Digital Culture Studies Course | 3 | C | |
| Complete 2 courses: | | | |
| Upper Division Digital Media - Media Arts & Design Course OR Upper Division Digital Culture Studies Course | 6 | C | |
| Upper Division History/Theory Course | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Term hours subtotal: | 16 | | |

- Build a digital portfolio.

| Term 6 78 - 93 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | | |
|--|----|---|--|
|  Upper Division Digital Culture Studies Course | 3 | C | |
| Upper Division Digital Culture Studies Course OR Upper Division Related Digital Culture Course | 3 | C | |
| Complete 2 courses: | | | |
| Upper Division Digital Media - Media Arts & Design Course OR Upper Division Digital Culture Studies Course | 6 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
|  Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

- Related Digital Culture courses are selective electives that allow students to take courses in an area of interest that connects to their study of Digital Culture and personal career interests.
- Explore an **internship**. Any internship approved for AME 484 Internship credit will automatically fulfill AME 486 Capstone II.

| Term 7 93 - 108 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | | |
|---|----|---|--|
|  AME 485: Digital Culture Capstone I | 3 | C | |
| Upper Division Digital Media - Media Arts & Design Course OR Upper Division Digital Culture Studies Course | 3 | C | |
| Digital Media - Media Engineering Course | 3 | C | |
| Elective OR AME 484: Internship | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

- All Digital Culture majors must have a minimum 3.00 Digital Culture GPA to meet graduation requirements. If you are not meeting this GPA requirement, please see your advisor.
- Gather **professional references**.

| Term 8 108 - 120 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | | |
|--|---|---|--|
|  AME 486: Digital Culture Capstone II | 3 | C | |
| Complete 2 courses: | | | |
| Upper Division Digital Media - Media Arts & Design Course OR Upper Division Digital Culture Studies Course | 6 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |

Term hours subtotal: 12

Hide Course List(s)/Track Group(s)

| Digital Culture Flexible Elective | Digital Culture Studies Course List | Digital Media Course List |
|------------------------------------|--|--|
| AME OR MDC Lower Division Elective | AME 210: Media Editing | ART 116: Introduction to Digital Media |
| | AME 220: Programming for the Web | ART 206: Digital Photography I |
| | AME 240: Introduction to Physical Computing | ART 217: Introduction to Computer Animation |
| | AME 244: Introduction to Interactive Environments | ART 218: 3D Tools |
| | AME 294: Circuit Bending | ART 308: 2D Digital Animation |
| | AME 294: Design Politics | ART 312: Illustration |
| | AME 294: Soundscape Ecology | ART 346: 3-D Computer Imaging and Animation (CS) |
| | AME 310: Media Literacies and Composition | ART 348: Animation Motion Studies |
| | AME 320: Motion Capture for Integrative Systems | ART 394: Digital Photography for Non-Majors |
| | AME 330: Digital-Physical Systems | ART 424: Stop Motion Animation |
| | AME 394: Special Topics | ART 438: Moving and Interactive Systems in Sculpture |
| | AME 411: Advanced Interactive Sound | ART 440: Experimental Video Art |
| | AME 430: Mac Development for Media Arts | ART 494: Documentary Video Art |
| | AME 435: Mobile Development | ART 494: Visual Prototyping |
| | AME 444: Media Installations | CIS 300: Web Design and Development |
| | AME 470: Programming for Social and Interactive Media | CPI 111: Game Development I (CS) |
| | AME 494: Special Topics | DCE 294: HybridAction:PhysicalIntelligenceinDigitalCulture |
| | ART 116: Introduction to Digital Media | EDT 440: Creating and Marketing Mobile Apps |
| | ART 218: 3D Tools | FMP 225: Introduction to Visual Effects |
| | ART 378: Digital Textiles | FMP 240: Introduction to Animation for Film |
| | DCE 294: HybridAction:PhysicalIntelligenceinDigitalCulture | FMP 255: Media Authorship (CS) |
| | FSH 394: Fashion Design & Wearable Technology | FMP 294: Sound Design: From Hollywood to Independent Film |
| | MDC 211: Introduction to Digital Sound | FMP 394: Non-Linear Editing for Film and Media |
| | MDC 311: Composing and Performing for Hybrid Ensembles | GIT 135: Graphic Communications |
| | MDC 411: Advanced Interactive Sound | GIT 215: Introduction to Web Authoring |
| | | GIT 230: Digital Illustration in Publishing |
| | | GRA 294: Illustrator |
| | | GRA 294: InDesign |

GRA 294: Photoshop

IAP 103: Foundations I: Interdisciplinary Art Practice

IAP 104: Foundations I: Fundamentals of Sound Art

IAP 322: Multitrack Digital Recording

IAP 361: Digital Editing and Media Literacy (CS)

IAP 364: Documentaries

IAP 394: Motion Graphics & Animation

IAP 462: Games and Play

MDC 311: Composing and Performing for Hybrid Ensembles

| Digital Media - Media Arts & Design Course List | Digital Media - Media Engineering Course List | Related Digital Culture Course List |
|--|---|---|
| ART 116: Introduction to Digital Media | | ALA OR AME OR ART OR CPI OR CSE OR EDS OR ENG OR ENT OR FIS OR FMP OR FMS OR FSH OR GIT OR GRA OR HDA OR HSE OR IAP OR IND OR INT OR MCO OR MDC OR MTC OR MUP OR MUS OR STS OR TEM OR THE OR THF OR THP OR TWC Elective |
| ART 206: Digital Photography I | AME 410: Interactive Materials | |
| ART 217: Introduction to Computer Animation | AME 430: Mac Development for Media Arts | |
| ART 218: 3D Tools | AME 435: Mobile Development | |
| ART 308: 2D Digital Animation | AME 470: Programming for Social and Interactive Media | |
| ART 312: Illustration | EEE 307: Signal Processing for Digital Culture | |
| ART 346: 3-D Computer Imaging and Animation (CS) | | |
| ART 348: Animation Motion Studies | | |
| ART 394: Digital Photography for Non-Majors | | |
| ART 424: Stop Motion Animation | | |
| ART 438: Moving and Interactive Systems in Sculpture | | |
| ART 440: Experimental Video Art | | |
| ART 494: Documentary Video Art | | |
| ART 494: Visual Prototyping | | |
| CIS 300: Web Design and Development | | |
| CPI 111: Game Development I (CS) | | |
| DCE 294: HybridAction:PhysicalIntelligenceinDigitalCulture | | |
| EDT 440: Creating and Marketing Mobile Apps | | |
| FMP 225: Introduction to Visual Effects | | |
| FMP 240: Introduction to Animation for Film | | |
| FMP 255: Media Authorship (CS) | | |

FMP 294: Sound Design: From Hollywood to Independent Film

FMP 394: Non-Linear Editing for Film and Media

GIT 135: Graphic Communications

GIT 215: Introduction to Web Authoring

GIT 230: Digital Illustration in Publishing

GRA 294: Illustrator

GRA 294: InDesign

GRA 294: Photoshop

IAP 103: Foundations I: Interdisciplinary Digital Media

IAP 104: Foundations I: Fundamentals of Sound Art

IAP 322: Multitrack Digital Recording

IAP 361: Digital Editing and Media Literacy (CS)

IAP 364: Documentaries

IAP 394: Motion Graphics & Animation

IAP 462: Games and Play

MDC 311: Composing and Performing for Hybrid Ensembles

History/Theory Course List

ALA 100: Introduction to Environmental Design (HU & H & G)

ALA 102: Landscapes and Sustainability (HU & G)

APH 300: World Architecture I/Western Cultures (HU & H & G)

APH 313: History of Architecture I ((L or HU) & G & H)

APH 314: History of Architecture II ((L or HU) & G & H)

ARA 202: Understanding Photographs

ARS 102: Art from Renaissance to Modernism (HU & H)

ARS 345: Art and Television

ARS 394: Anime

ARS 438: Art of the 20th Century I (HU & H)

ARS 439: Art of the 20th Century II (HU & H)

DCE 300: Moving Histories (HU)

DSC 101: Design Awareness (HU & G)

FMP 294: History of Film & Television
Production

FMP 403: Independent Film (HU)

FMP 405: Film and Television: Pioneers
Practices and Innovations (HU)

GRA 111: Graphic Design History I (HU)

GRA 112: Graphic Design History II

IAP 304: Traditions of the Avant-Garde and
Experimental Art (L or HU)

IAP 305: 20th and 21st Century Art
Performance and Media (L or HU)

IND 316: 20th-Century Design I (HU & H)

IND 317: 20th-Century Design II (HU & H)

INT 111: Interior Design Issues and Theories
(HU)

INT 310: History of Interior Design I (HU &
H)

INT 311: History of Interior Design II (HU &
H)

LPH 310: History of Landscape Architecture
(HU & H)

LPH 311: 20th-Century Landscape
Architecture (HU)

MUS 347: Jazz in America (HU & C)

MUS 354: Popular Music (HU)

MUS 356: Broadway and the American
Musical (HU)

MUS 362: Rap Music and Hip Hop Culture
(HU & C)

STS 303: History of Science and Technology
(H)

THE 320: History of the Theatre I (HU & H)

THE 322: Theatre History and Culture (HU &
H)

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)

Total Community College Hrs: 64 maximum

- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.





2020 - 2021 Major Map




Digital Culture (Art), BA



School/College: Herberger Institute for Design and the Arts

Location: Tempe campus

HIDGCABA

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  AME 111: Introduction to Digital Culture (CS) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. Digital culture students complete AME 101 to fulfill this requirement. |
| AME 101: ASU Digital Culture Experience | 1 | C | |
| <i>Complete 2 courses:</i> | | | |
| AME 112: Computational Thinking for Digital Culture OR AME 130: Prototyping Dreams (L) OR AME 230: Programming for the Media Arts (CS) | 6 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 210: Brief Calculus (MA) | 3 | C | |
|  Maintain 3.00 GPA in Digital Culture coursework. | | | |
|  Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| AME 112: Computational Thinking for Digital Culture OR AME 130: Prototyping Dreams (L) OR AME 230: Programming for the Media Arts (CS) | 3 | C | <ul style="list-style-type: none"> • All Digital Culture majors must have a minimum 3.00 Digital Culture GPA at the end of Term 2 to continue in the program. If a student's Digital Culture GPA is below a 3.00, the student will be placed on a probationary status for one term. If the student is not successful in raising their Digital Culture GPA to a 3.00 after the probationary term, the student will not be able to continue in the Digital Culture program. • Join a student club or professional organization. |
| ARS 102: Art from Renaissance to Modernism (HU & H) OR ARS 250: History of Photography (HU) | 3 | C | |
| Lower Division Digital Culture Flexible Elective | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Milestone: GPA First-Year Review | | | |
| Term hours subtotal: | 15 | | |

| Term 3 31 - 47 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ART 111: Foundation Drawing OR ART 112: 2-D Design OR ART 113: Color | 3 | C | <ul style="list-style-type: none"> • Digital Media - Arts & Design courses are classes that include digital media projects within a trans-disciplinary area of study. See course list below or talk to your advisor for specific course options. • Build your skills. |
| Digital Media - Media Arts & Design OR Digital Culture Studies | 3 | C | |
| Natural Science - Quantitative (SQ) (PHY 101 recommended) | 4 | | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Elective | 3 | | |
|  Complete Mathematics (MA) requirement. | | | |
| Complete First-Year Composition requirement. | | | |

Complete MAT 210 course.

Term hours subtotal: 16

| Term 4 47 - 63 Credit Hours Critical course signified by ⚠ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ⚠ Digital Media - Media Arts & Design OR Digital Culture Studies | 3 | C | |
| ART 216: Intermedia Practices | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Elective | 3 | | |

Term hours subtotal: 16

| Term 5 63 - 78 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ Upper Division Digital Culture Studies | 3 | C | <ul style="list-style-type: none"> • Related Digital Culture courses are selective electives that allow students to take courses in an area of interest that connects to their study of Digital Culture and personal career interests. • Build a digital portfolio. |
| Upper Division Digital Culture Studies OR Related Digital Culture Course | 3 | C | |
| Upper Division Digital Media - Media Arts & Design OR Upper Division Digital Culture Studies | 3 | C | |
| History/Theory Course | 3 | C | |
| Elective OR AME 484: Internship | 3 | | |

Term hours subtotal: 15

| Term 6 78 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ Upper Division Digital Culture Studies | 3 | C | <ul style="list-style-type: none"> • Explore an internship. |
| Upper Division Digital Media - Media Arts & Design OR Upper Division Digital Culture Studies | 3 | C | |
| Upper Division History/Theory Course | 3 | C | |
| Upper Division Studio Art | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |

Term hours subtotal: 15

| Term 7 93 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ AME 485: Digital Culture Capstone I | 3 | C | <ul style="list-style-type: none"> • All Digital Culture majors must have a minimum 3.00 Digital Culture GPA to meet graduation requirements. If you are not meeting this GPA requirement, please see your advisor. • Gather professional references. |
| Upper Division Art History | 3 | C | |
| Upper Division Digital Culture Studies | 3 | C | |
| Upper Division Related Digital Culture Course OR Upper Division Digital Media - Media Arts & Design | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |

Term hours subtotal: 15

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ AME 486: Digital Culture Capstone II | 3 | C | |
| Upper Division Art Concentration Course | 3 | C | |

| | | |
|--|----|---|
| Upper Division Digital Culture Studies | 3 | C |
| Upper Division Digital Media - Media Engineering | 3 | C |
| Term hours subtotal: | 12 | |

Hide Course List(s)/Track Group(s)

| Digital Culture Flexible Elective | Digital Culture Studies Course List | Digital Media - Media Arts & Design Course List |
|------------------------------------|---|---|
| AME OR MDC Lower Division Elective | AME 210: Media Editing | ART 116: Introduction to Digital Media |
| | AME 220: Programming for the Web | ART 206: Digital Photography I |
| | AME 240: Introduction to Physical Computing | ART 217: Introduction to Computer Animation |
| | AME 244: Introduction to Interactive Environments | ART 218: 3D Tools |
| | AME 294: Circuit Bending | ART 308: 2D Digital Animation |
| | AME 294: Design Politics | ART 312: Illustration |
| | AME 294: Soundscape Ecology | ART 346: 3-D Computer Imaging and Animation (CS) |
| | AME 310: Media Literacies and Composition | ART 348: Animation Motion Studies |
| | AME 320: Motion Capture for Integrative Systems | ART 394: Digital Photography for Non-Majors |
| | AME 330: Digital-Physical Systems | ART 424: Stop Motion Animation |
| | AME 394: Special Topics | ART 438: Moving and Interactive Systems in Sculpture |
| | AME 411: Advanced Interactive Sound | ART 440: Experimental Video Art |
| | AME 430: Mac Development for Media Arts | ART 494: Documentary Video Art |
| | AME 435: Mobile Development | ART 494: Visual Prototyping |
| | AME 444: Media Installations | CIS 300: Web Design and Development |
| | AME 470: Programming for Social and Interactive Media | CPI 111: Game Development I (CS) |
| | AME 494: Special Topics | DCE 294: HybridAction:PhysicalIntelligenceinDigitalCulture |
| | ART 116: Introduction to Digital Media | EDT 440: Creating and Marketing Mobile Apps |
| | ART 218: 3D Tools | FMP 225: Introduction to Visual Effects |
| | ART 378: Digital Textiles | FMP 240: Introduction to Animation for Film |
| | DCE 294: HybridAction:PhysicalIntelligenceinDigitalCulture | FMP 255: Media Authorship (CS) |
| | FSH 394: Fashion Design & Wearable Technology | FMP 294: Sound Design: From Hollywood to Independent Film |
| | MDC 211: Introduction to Digital Sound | FMP 394: Non-Linear Editing for Film and Media |
| | MDC 311: Composing and Performing for Hybrid Ensembles | GIT 135: Graphic Communications |
| | MDC 411: Advanced Interactive Sound | GIT 215: Introduction to Web Authoring |
| | | GIT 230: Digital Illustration in Publishing |
| | | GRA 294: Illustrator |

GRA 294: InDesign

GRA 294: Photoshop

IAP 103: Foundations I: Interdisciplinary Digital Media

IAP 104: Foundations I: Fundamentals of Sound Art

IAP 322: Multitrack Digital Recording

IAP 361: Digital Editing and Media Literacy (CS)

IAP 364: Documentaries

IAP 394: Motion Graphics & Animation

IAP 462: Games and Play

MDC 311: Composing and Performing for Hybrid Ensembles

| Digital Media Course List | Digital Media - Media Engineering Course List | Related Digital Culture Course List |
|--|---|---|
| ART 116: Introduction to Digital Media | | ALA OR AME OR ART OR CPI OR CSE OR EDS OR ENG OR ENT OR FIS OR FMP OR FMS OR FSH OR GIT OR GRA OR HDA OR HSE OR IAP OR IND OR INT OR MCO OR MDC OR MTC OR MUP OR MUS OR STS OR TEM OR THE OR THF OR THP OR TWC Elective |
| ART 206: Digital Photography I | AME 410: Interactive Materials | |
| ART 217: Introduction to Computer Animation | AME 430: Mac Development for Media Arts | |
| ART 218: 3D Tools | AME 435: Mobile Development | |
| ART 308: 2D Digital Animation | AME 470: Programming for Social and Interactive Media | |
| ART 312: Illustration | EEE 307: Signal Processing for Digital Culture | |
| ART 346: 3-D Computer Imaging and Animation (CS) | | |
| ART 348: Animation Motion Studies | | |
| ART 394: Digital Photography for Non-Majors | | |
| ART 424: Stop Motion Animation | | |
| ART 438: Moving and Interactive Systems in Sculpture | | |
| ART 440: Experimental Video Art | | |
| ART 494: Documentary Video Art | | |
| ART 494: Visual Prototyping | | |
| CIS 300: Web Design and Development | | |
| CPI 111: Game Development I (CS) | | |
| DCE 294: HybridAction:PhysicalIntelligenceinDigitalCulture | | |
| EDT 440: Creating and Marketing Mobile Apps | | |
| FMP 225: Introduction to Visual Effects | | |
| FMP 240: Introduction to Animation for Film | | |
| FMP 255: Media Authorship (CS) | | |

FMP 294: Sound Design: From Hollywood to Independent Film

FMP 394: Non-Linear Editing for Film and Media

GIT 135: Graphic Communications

GIT 215: Introduction to Web Authoring

GIT 230: Digital Illustration in Publishing

GRA 294: Illustrator

GRA 294: InDesign

GRA 294: Photoshop

IAP 103: Foundations I: Interdisciplinary Art Practice

IAP 104: Foundations I: Fundamentals of Sound Art

IAP 322: Multitrack Digital Recording

IAP 361: Digital Editing and Media Literacy (CS)

IAP 364: Documentaries

IAP 394: Motion Graphics & Animation

IAP 462: Games and Play

MDC 311: Composing and Performing for Hybrid Ensembles

| History/Theory Course List | Upper Division Art Concentration Course List | Upper Division Studio Art Course List |
|---|--|--|
| ALA 100: Introduction to Environmental Design (HU & H & G) | ARS 345: Art and Television | ART 308: 2D Digital Animation |
| ALA 102: Landscapes and Sustainability (HU & G) | ARS 394: Anime | ART 312: Illustration |
| APH 300: World Architecture I/Western Cultures (HU & H & G) | ARS 438: Art of the 20th Century I (HU & H) | ART 346: 3-D Computer Imaging and Animation (CS) |
| APH 313: History of Architecture I ((L or HU) & G & H) | ARS 439: Art of the 20th Century II (HU & H) | ART 348: Animation Motion Studies |
| APH 314: History of Architecture II ((L or HU) & G & H) | ARS 456: Introduction to Museums | ART 394: Digital Photography for Non-Majors |
| ARA 202: Understanding Photographs | ART 308: 2D Digital Animation | ART 424: Stop Motion Animation |
| ARS 102: Art from Renaissance to Modernism (HU & H) | ART 312: Illustration | ART 439: Intermedia Studio |
| ARS 345: Art and Television | ART 346: 3-D Computer Imaging and Animation (CS) | ART 440: Experimental Video Art |
| ARS 394: Anime | ART 348: Animation Motion Studies | ART 442: Art and Community |
| ARS 438: Art of the 20th Century I (HU & H) | ART 394: Digital Photography for Non-Majors | ART 445: Digital Processes for Printmaking |
| ARS 439: Art of the 20th Century II (HU & H) | ART 424: Stop Motion Animation | ART 494: Documentary Video Art |
| DCE 300: Moving Histories (HU) | ART 439: Intermedia Studio | ART 494: Visual Prototyping |
| | ART 440: Experimental Video Art | ART 494: Women/Art/Technology |
| | ART 442: Art and Community | |

| | |
|---|--|
| DSC 101: Design Awareness (HU & G) | ART 445: Digital Processes for Printmaking |
| FMP 294: History of Film & Television Production | ART 494: Documentary Video Art |
| FMP 403: Independent Film (HU) | ART 494: Visual Prototyping |
| FMP 405: Film and Television: Pioneers Practices and Innovations (HU) | ART 494: Women/Art/Technology |
| GRA 111: Graphic Design History I (HU) | |
| GRA 112: Graphic Design History II | |
| IAP 304: Traditions of the Avant-Garde and Experimental Art (L or HU) | |
| IAP 305: 20th and 21st Century Art Performance and Media (L or HU) | |
| IND 316: 20th-Century Design I (HU & H) | |
| IND 317: 20th-Century Design II (HU & H) | |
| INT 111: Interior Design Issues and Theories (HU) | |
| INT 310: History of Interior Design I (HU & H) | |
| INT 311: History of Interior Design II (HU & H) | |
| LPH 310: History of Landscape Architecture (HU & H) | |
| LPH 311: 20th-Century Landscape Architecture (HU) | |
| MUS 347: Jazz in America (HU & C) | |
| MUS 354: Popular Music (HU) | |
| MUS 356: Broadway and the American Musical (HU) | |
| MUS 362: Rap Music and Hip Hop Culture (HU & C) | |
| STS 303: History of Science and Technology (H) | |
| THE 320: History of the Theatre I (HU & H) | |
| THE 322: Theatre History and Culture (HU & H) | |
| Upper Division Art History Course List | |
| ARS 345: Art and Television | |
| ARS 394: Anime | |
| ARS 438: Art of the 20th Century I (HU & H) | |
| ARS 439: Art of the 20th Century II (HU & H) | |
| ARS 456: Introduction to Museums | |

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 3.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.

2020 - 2021 Major Map










Digital Culture (Arts and Design Studies), BA

School/College: [Herberger Institute for Design and the Arts](#)

Location: [Tempe campus](#)



HIDCADSBA

Effective Fall 2021, ASU is no longer accepting new students to this program. Please explore Degree Search for other similar program options.



| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  AME 111: Introduction to Digital Culture (CS) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. Digital culture students complete AME 101 to fulfill this requirement. |
| AME 101: ASU Digital Culture Experience | 1 | C | |
| <i>Complete 2 courses:</i> | | | |
| AME 112: Computational Thinking for Digital Culture OR AME 130: Prototyping Dreams (L) OR AME 230: Programming for the Media Arts (CS) | 6 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 210: Brief Calculus (MA) | 3 | C | |
|  Maintain 3.00 GPA in Digital Culture coursework. | | | |
|  Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |
| | | | |
| Term 2 16 - 31 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
| AME 112: Computational Thinking for Digital Culture OR AME 130: Prototyping Dreams (L) OR AME 230: Programming for the Media Arts (CS) | 3 | C | <ul style="list-style-type: none"> • All Digital Culture majors must have a minimum 3.00 Digital Culture GPA at the end of Term 2 to continue in the program. If a student's Digital Culture GPA is below a 3.00, the student will be placed on a probationary status for one term. If the student is not successful in raising their Digital Culture GPA to a 3.00 after the probationary term, the student will not be able to continue in the Digital Culture program. • Join a student club or professional organization. |
| The Arts Core OR Design Studies Core | 3 | C | |
| Lower Division Digital Culture Flexible Elective | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Milestone: GPA First-Year Review | | | |
| Term hours subtotal: | 15 | | |
| | | | |
| Term 3 31 - 47 Credit Hours Critical course signified by  | Hours | Minimum Grade | |
| Digital Media - Media Arts & Design OR Digital Culture Studies | 3 | C | <ul style="list-style-type: none"> • Digital Media - Arts & Design courses are classes that include digital media projects within a trans-disciplinary area of study. See course list or talk to your advisor for specific course options. • Build your skills. |
| The Arts Core OR Design Studies Core | 3 | C | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Natural Science - Quantitative (SQ) (PHY 101 recommended) | 4 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
|  Complete Mathematics (MA) requirement. | | | |

Complete First-Year Composition requirement.



Term hours subtotal: 16

| Term 4 47 - 63 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  Digital Media - Media Arts & Design OR Digital Culture Studies | 3 | C | |
| The Arts Core OR Design Studies Core | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Elective | 3 | | |



Term hours subtotal: 16

| Term 5 63 - 78 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  Upper Division Digital Culture Studies | 3 | C | <ul style="list-style-type: none"> • Related Digital Culture courses are selective electives that allow students to take courses in an area of interest that connects to their study of Digital Culture and personal career interests. • Build a digital portfolio. |
| Upper Division Digital Media - Media Arts & Design OR Upper Division Digital Culture Studies | 3 | C | |
| Upper Division Digital Culture Studies OR Related Digital Culture Course | 3 | C | |
| History/Theory Course | 3 | C | |
| Elective OR AME 484: Internship | 3 | | |

Term hours subtotal: 15

| Term 6 78 - 93 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  Upper Division Digital Culture Studies | 3 | C | <ul style="list-style-type: none"> • Explore an internship |
| Upper Division Digital Media - Media Arts & Design OR Upper Division Digital Culture Studies | 3 | C | |
| Upper Division History/Theory Course | 3 | C | |
| Upper Division The Arts Core OR Design Studies Core | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |

Term hours subtotal: 15

| Term 7 93 - 108 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  AME 485: Digital Culture Capstone I | 3 | C | <ul style="list-style-type: none"> • All Digital Culture majors must have a minimum 3.00 Digital Culture GPA to meet graduation requirements. If you are not meeting this GPA requirement, please see your advisor. • Gather professional references |
| Upper Division Digital Culture Studies | 3 | C | |
| Upper Division Related Digital Culture Course OR Upper Division Digital Media - Media Arts & Design | 3 | C | |
| Upper Division The Arts Core OR Design Studies Core | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |

Term hours subtotal: 15

| Term 8 108 - 120 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|  AME 486: Digital Culture Capstone II | 3 | C | |
| Upper Division Digital Culture Studies | 3 | C | |

| | | |
|--|----|---|
| Upper Division Digital Media - Media Engineering | 3 | C |
| The Arts Core Elective OR Design Studies Core Elective | 3 | C |
| Term hours subtotal: | 12 | |

- Digital Culture and Concentration coursework: refer to additional notes and program advisor for course selection.
- Choose to take all courses either in the Arts Core or the Design Studies Core, not both.

Hide Course List(s)/Track Group(s)

| Digital Culture Flexible Elective | Digital Culture Studies Course List | Digital Media - Media Arts & Design Course List |
|------------------------------------|--|--|
| AME OR MDC Lower Division Elective | AME 210: Media Editing | ART 116: Introduction to Digital Media |
| | AME 220: Programming for the Web | ART 206: Digital Photography I |
| | AME 240: Introduction to Physical Computing | ART 217: Introduction to Computer Animation |
| | AME 244: Introduction to Interactive Environments | ART 218: 3D Tools |
| | AME 294: Circuit Bending | ART 308: 2D Digital Animation |
| | AME 294: Design Politics | ART 312: Illustration |
| | AME 294: Soundscape Ecology | ART 346: 3-D Computer Imaging and Animation (CS) |
| | AME 310: Media Literacies and Composition | ART 348: Animation Motion Studies |
| | AME 320: Motion Capture for Integrative Systems | ART 394: Digital Photography for Non-Majors |
| | AME 330: Digital-Physical Systems | ART 424: Stop Motion Animation |
| | AME 394: Special Topics | ART 438: Moving and Interactive Systems in Sculpture |
| | AME 411: Advanced Interactive Sound | ART 440: Experimental Video Art |
| | AME 430: Mac Development for Media Arts | ART 494: Documentary Video Art Visual Prototyping |
| | AME 435: Mobile Development | CIS 300: Web Design and Development |
| | AME 444: Media Installations | CPI 111: Game Development I (CS) |
| | AME 470: Programming for Social and Interactive Media | DCE 294: HybridAction:PhysicalIntelligenceinDigitalCulture |
| | AME 494: Special Topics | EDT 440: Creating and Marketing Mobile Apps |
| | ART 116: Introduction to Digital Media | FMP 225: Introduction to Visual Effects |
| | ART 218: 3D Tools | FMP 240: Introduction to Animation for Film |
| | ART 378: Digital Textiles | FMP 255: Media Authorship (CS) |
| | DCE 294: HybridAction:PhysicalIntelligenceinDigitalCulture | FMP 294: Sound Design: From Hollywood to Independent Film |
| | FSH 394: Fashion Design & Wearable Technology | FMP 394: Non-Linear Editing for Film and Media |
| | MDC 211: Introduction to Digital Sound | GIT 135: Graphic Communications |

MDC 311: Composing and Performing for Hybrid Ensembles

MDC 411: Advanced Interactive Sound

GIT 215: Introduction to Web Authoring

GIT 230: Digital Illustration in Publishing

GRA 294: Illustrator

GRA 294: InDesign

GRA 294: Photoshop

IAP 103: Foundations I: Interdisciplinary Digital Media

IAP 104: Foundations I: Fundamentals of Sound Art

IAP 322: Multitrack Digital Recording

IAP 361: Digital Editing and Media Literacy (CS)

IAP 364: Documentaries

IAP 394: Motion Graphics & Animation

IAP 462: Games and Play

MDC 311: Composing and Performing for Hybrid Ensembles

| Digital Media - Media Engineering Course List | Related Digital Culture Course List | History/Theory Course List |
|---|---|---|
| AME 410: Interactive Materials | ALA OR AME OR ART OR CPI OR CSE OR EDS OR ENG OR ENT OR FIS OR FMP OR FMS OR FSH OR GIT OR GRA OR HDA OR HSE OR IAP OR IND OR INT OR MCO OR MDC OR MTC OR MUP OR MUS OR STS OR TEM OR THE OR THF OR THP OR TWC Elective | ALA 100: Introduction to Environmental Design (HU & H & G) |
| AME 430: Mac Development for Media Arts | | ALA 102: Landscapes and Sustainability (HU & G) |
| AME 435: Mobile Development | | APH 300: World Architecture I/Western Cultures (HU & H & G) |
| AME 470: Programming for Social and Interactive Media | | APH 313: History of Architecture I ((L or HU) & G & H) |
| EEE 307: Signal Processing for Digital Culture | | APH 314: History of Architecture II ((L or HU) & G & H) |
| | | ARA 202: Understanding Photographs |
| | | ARS 102: Art from Renaissance to Modernism (HU & H) |
| | | ARS 345: Art and Television |
| | | ARS 394: Anime |
| | | ARS 438: Art of the 20th Century I (HU & H) |
| | | ARS 439: Art of the 20th Century II (HU & H) |
| | | DCE 300: Moving Histories (HU) |
| | | DSC 101: Design Awareness (HU & G) |
| | | FMP 294: History of Film & Television Production |
| | | FMP 403: Independent Film (HU) |

FMP 405: Film and Television: Pioneers Practices and Innovations (HU)

GRA 111: Graphic Design History I (HU)

GRA 112: Graphic Design History II

IAP 304: Traditions of the Avant-Garde and Experimental Art (L or HU)

IAP 305: 20th and 21st Century Art Performance and Media (L or HU)

IND 316: 20th-Century Design I (HU & H)

IND 317: 20th-Century Design II (HU & H)

INT 111: Interior Design Issues and Theories (HU)

INT 310: History of Interior Design I (HU & H)

INT 311: History of Interior Design II (HU & H)

LPH 310: History of Landscape Architecture (HU & H)

LPH 311: 20th-Century Landscape Architecture (HU)

MUS 347: Jazz in America (HU & C)

MUS 354: Popular Music (HU)

MUS 356: Broadway and the American Musical (HU)

MUS 362: Rap Music and Hip Hop Culture (HU & C)

STS 303: History of Science and Technology (H)

THE 320: History of the Theatre I (HU & H)

THE 322: Theatre History and Culture (HU & H)

| The Arts Core Course List | Design Studies Core Course List | Design Studies Core Elective Course List |
|---|---|---|
| ARA 489: Writing Art and Design Criticism (L) | GRA 101: Designing Life | APH Upper Division Elective |
| ARS 102: Art from Renaissance to Modernism (HU & H) | GRA 225: Communication/Interaction Design Theory | ARA 489: Writing Art and Design Criticism (L) |
| HDA 210: Creativity and Innovation in Design and the Arts | GRA 401: Creative Environment | GRA Upper Division Elective |
| HDA 252: Foundations Arts and Design Entrepreneurship | IND 344: Human Factors in Design | IND Upper Division Elective |
| HDA 310: Socially Engaged Practice | INT 121: Introduction to Computer Modeling for Interior Design (CS) | INT Upper Division Elective |
| | | LPH Upper Division Elective |
| The Arts Core Elective Course List | | |

ALA 100: Introduction to Environmental Design (HU & H & G)

ALA 102: Landscapes and Sustainability (HU & G)

APH 300: World Architecture I/Western Cultures (HU & H & G)

APH 314: History of Architecture II ((L or HU) & G & H)

ARS 201: Art of Asia (HU & H & G)

ARS 202: Art of Africa Oceania and the Americas (HU & H & G)

DCE 201: Dance Culture and Global Contexts (HU)

DSC 101: Design Awareness (HU & G)

FMP 404: World Cinema (G)

MUS 347: Jazz in America (HU & C)

THE 422: Latinx Theatre and Film (HU & C)

THE 423: African American Theatre (C)

THE 426: Pre-Columbian Theatre of the Americas

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.





2020 - 2021 Major Map




Digital Culture (Design), BA



School/College: Herberger Institute for Design and the Arts



Location: Tempe campus


HIDGCDBA

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  AME 111: Introduction to Digital Culture (CS) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. Digital culture students complete AME 101 to fulfill this requirement. |
| AME 101: ASU Digital Culture Experience | 1 | C | |
| <i>Complete 2 courses:</i> | | | |
| AME 112: Computational Thinking for Digital Culture OR AME 130: Prototyping Dreams (L) OR AME 230: Programming for the Media Arts (CS) | 6 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 210: Brief Calculus (MA) | 3 | C | |
|  Maintain 3.00 GPA in Digital Culture coursework. | | | |
|  Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| AME 112: Computational Thinking for Digital Culture OR AME 130: Prototyping Dreams (L) OR AME 230: Programming for the Media Arts (CS) | 3 | C | <ul style="list-style-type: none"> • All Digital Culture majors must have a minimum 3.00 Digital Culture GPA at the end of Term 2 to continue in the program. If a student's Digital Culture GPA is below a 3.00, the student will be placed on a probationary status for one term. If the student is not successful in raising their Digital Culture GPA to a 3.00 after the probationary term, the student will not be able to continue in the Digital Culture program. • Join a student club or professional organization. |
| Lower Division Design Concentration | 3 | C | |
| Lower Division Digital Culture Flexible Elective | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Milestone: GPA First-Year Review | | | |
| Term hours subtotal: | 15 | | |


| Term 3 31 - 47 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| Digital Media - Media Arts & Design OR Digital Culture Studies | 3 | C | <ul style="list-style-type: none"> • Digital Media - Arts & Design courses are classes that include digital media projects within a trans-disciplinary area of study. See course list or talk to your advisor for specific course options. • Build your skills. |
| Lower Division Design Concentration | 3 | C | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Natural Science - Quantitative (SQ) (PHY 101 recommended) | 4 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
|  Complete Mathematics (MA) requirement. | | | |
| Complete First-Year Composition requirement. | | | |
| Complete MAT 210 course. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 47 - 63 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|  Digital Media - Media Arts & Design OR Digital Culture Studies | 3 | C | |
| Lower Division Design Concentration | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Elective | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  Upper Division Digital Culture Studies | 3 | C | <ul style="list-style-type: none"> • Related Digital Culture courses are selective electives that allow students to take courses in an area of interest that connects to their study of Digital Culture and personal career interests. • Build a digital portfolio. |
| Upper Division Digital Culture Studies OR Related Digital Culture Course | 3 | C | |
| Upper Division Digital Media - Media Arts & Design OR Upper Division Digital Culture Studies | 3 | C | |
| History/Theory Course | 3 | C | |
| Elective OR AME 484: Internship | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  Upper Division Digital Culture Studies | 3 | C | <ul style="list-style-type: none"> • Explore an internship. |
| Upper Division Design Concentration | 3 | C | |
| Upper Division Digital Media - Media Arts & Design OR Upper Division Digital Culture Studies | 3 | C | |
| Upper Division History/Theory Course | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
|  Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  AME 485: Digital Culture Capstone I | 3 | C | <ul style="list-style-type: none"> • All Digital Culture majors must have a minimum 3.00 Digital Culture GPA to meet graduation requirements. If you are not meeting this GPA requirement, please see your advisor. • Gather professional references. |
| Upper Division Design Concentration | 3 | C | |
| Upper Division Digital Culture Studies | 3 | C | |
| Upper Division Related Digital Culture Course OR Upper Division Digital Media - Media Arts & Design | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  AME 486: Digital Culture Capstone II | 3 | C | |
| Upper Division Design Concentration | 3 | C | |
| Upper Division Digital Culture Studies | 3 | C | |
| Upper Division Digital Media - Media Engineering | 3 | C | |

Term hours subtotal: 12

Hide Course List(s)/Track Group(s)

| Digital Culture Flexible Elective | Digital Culture Studies Course List | Digital Media - Media Arts & Design Course List |
|------------------------------------|---|---|
| AME OR MDC Lower Division Elective | AME 210: Media Editing | ART 116: Introduction to Digital Media |
| | AME 220: Programming for the Web | ART 206: Digital Photography I |
| | AME 240: Introduction to Physical Computing | ART 217: Introduction to Computer Animation |
| | AME 244: Introduction to Interactive Environments | ART 218: 3D Tools |
| | AME 294: Circuit Bending | ART 308: 2D Digital Animation |
| | AME 294: Design Politics | ART 312: Illustration |
| | AME 294: Soundscape Ecology | ART 346: 3-D Computer Imaging and Animation (CS) |
| | AME 310: Media Literacies and Composition | ART 348: Animation Motion Studies |
| | AME 320: Motion Capture for Integrative Systems | ART 394: Digital Photography for Non-Majors |
| | AME 330: Digital-Physical Systems | ART 424: Stop Motion Animation |
| | AME 394: Special Topics | ART 438: Moving and Interactive Systems in Sculpture |
| | AME 411: Advanced Interactive Sound | ART 440: Experimental Video Art |
| | AME 430: Mac Development for Media Arts | ART 494: Documentary Video Art Visual Prototyping |
| | AME 435: Mobile Development | CIS 300: Web Design and Development |
| | AME 444: Media Installations | CPI 111: Game Development I (CS) |
| | AME 470: Programming for Social and Interactive Media | DCE 294: HybridAction:PhysicalIntelligenceinDigitalCulture |
| | AME 494: Special Topics | EDT 440: Creating and Marketing Mobile Apps |
| | ART 116: Introduction to Digital Media | FMP 225: Introduction to Visual Effects |
| | ART 218: 3D Tools | FMP 240: Introduction to Animation for Film |
| | ART 378: Digital Textiles | FMP 255: Media Authorship (CS) |
| | DCE 294: HybridAction:PhysicalIntelligenceinDigitalCulture | FMP 294: Sound Design: From Hollywood to Independent Film |
| | FSH 394: Fashion Design & Wearable Technology | FMP 394: Non-Linear Editing for Film and Media |
| | MDC 211: Introduction to Digital Sound | GIT 135: Graphic Communications |
| | MDC 311: Composing and Performing for Hybrid Ensembles | GIT 215: Introduction to Web Authoring |
| | MDC 411: Advanced Interactive Sound | GIT 230: Digital Illustration in Publishing |
| | | GRA 294: Illustrator InDesign Photoshop |
| | | IAP 103: Foundations I: Interdisciplinary Digital Media |

IAP 104: Foundations I: Fundamentals of Sound Art

IAP 322: Multitrack Digital Recording

IAP 361: Digital Editing and Media Literacy (CS)

IAP 364: Documentaries

IAP 394: Motion Graphics & Animation

IAP 462: Games and Play

MDC 311: Composing and Performing for Hybrid Ensembles

| Digital Media Course List | Digital Media - Media Engineering Course List | Related Digital Culture Course List |
|--|---|---|
| ART 116: Introduction to Digital Media | | ALA OR AME OR ART OR CPI OR CSE OR EDS OR ENG OR ENT OR FIS OR FMP OR FMS OR FSH OR GIT OR GRA OR HDA OR HSE OR IAP OR IND OR INT OR MCO OR MDC OR MTC OR MUP OR MUS OR STS OR TEM OR THE OR THF OR THP OR TWC Elective |
| ART 206: Digital Photography I | AME 410: Interactive Materials | |
| ART 217: Introduction to Computer Animation | AME 430: Mac Development for Media Arts | |
| ART 218: 3D Tools | AME 435: Mobile Development | |
| ART 308: 2D Digital Animation | AME 470: Programming for Social and Interactive Media | |
| ART 312: Illustration | EEE 307: Signal Processing for Digital Culture | |
| ART 346: 3-D Computer Imaging and Animation (CS) | | |
| ART 348: Animation Motion Studies | | |
| ART 394: Digital Photography for Non-Majors | | |
| ART 424: Stop Motion Animation | | |
| ART 438: Moving and Interactive Systems in Sculpture | | |
| ART 440: Experimental Video Art | | |
| ART 494: Documentary Video Art | | |
| ART 494: Visual Prototyping | | |
| CIS 300: Web Design and Development | | |
| CPI 111: Game Development I (CS) | | |
| DCE 294: Hybrid Action: Physical Intelligence in Digital Culture | | |
| EDT 440: Creating and Marketing Mobile Apps | | |
| FMP 225: Introduction to Visual Effects | | |
| FMP 240: Introduction to Animation for Film | | |
| FMP 255: Media Authorship (CS) | | |
| FMP 294: Sound Design: From Hollywood to Independent Film | | |
| FMP 394: Non-Linear Editing for Film and Media | | |
| GIT 135: Graphic Communications | | |

GIT 215: Introduction to Web Authoring

GIT 230: Digital Illustration in Publishing

GRA 294: Illustrator

GRA 294: InDesign

GRA 294: Photoshop

IAP 103: Foundations I: Interdisciplinary Art Practice

IAP 104: Foundations I: Fundamentals of Sound Art

IAP 322: Multitrack Digital Recording

IAP 361: Digital Editing and Media Literacy (CS)

IAP 364: Documentaries

IAP 394: Motion Graphics & Animation

IAP 462: Games and Play

MDC 311: Composing and Performing for Hybrid Ensembles

| History/Theory Course List | Lower Division Design Concentration | Upper Division Design Concentration |
|---|---|--|
| ALA 100: Introduction to Environmental Design (HU & H & G) | ALA OR APH OR DSC OR EDS OR GRA OR IND OR INT OR LAP OR LPH Lower Division Elective | APH OR DSC OR EDS OR GRA OR IND OR INT OR LAP OR LPH Upper Division Elective |
| ALA 102: Landscapes and Sustainability (HU & G) | | |
| APH 300: World Architecture I/Western Cultures (HU & H & G) | | |
| APH 313: History of Architecture I ((L or HU) & G & H) | | |
| APH 314: History of Architecture II ((L or HU) & G & H) | | |
| ARA 202: Understanding Photographs | | |
| ARS 102: Art from Renaissance to Modernism (HU & H) | | |
| ARS 345: Art and Television | | |
| ARS 394: Anime | | |
| ARS 438: Art of the 20th Century I (HU & H) | | |
| ARS 439: Art of the 20th Century II (HU & H) | | |
| DCE 300: Moving Histories (HU) | | |
| DSC 101: Design Awareness (HU & G) | | |
| FMP 294: History of Film & Television Production | | |
| FMP 403: Independent Film (HU) | | |

FMP 405: Film and Television: Pioneers
Practices and Innovations (HU)

GRA 111: Graphic Design History I (HU)

GRA 112: Graphic Design History II

IAP 304: Traditions of the Avant-Garde and
Experimental Art (L or HU)

IAP 305: 20th and 21st Century Art
Performance and Media (L or HU)

IND 316: 20th-Century Design I (HU & H)

IND 317: 20th-Century Design II (HU & H)

INT 111: Interior Design Issues and Theories
(HU)

INT 310: History of Interior Design I (HU &
H)

INT 311: History of Interior Design II (HU &
H)

LPH 310: History of Landscape Architecture
(HU & H)

LPH 311: 20th-Century Landscape
Architecture (HU)

MUS 347: Jazz in America (HU & C)

MUS 354: Popular Music (HU)

MUS 356: Broadway and the American
Musical (HU)

MUS 362: Rap Music and Hip Hop Culture
(HU & C)

STS 303: History of Science and Technology
(H)

THE 320: History of the Theatre I (HU & H)

THE 322: Theatre History and Culture (HU &
H)

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 3.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.





2020 - 2021 Major Map




Digital Culture (English), BA



School/College: Herberger Institute for Design and the Arts

Location: Tempe campus

HIDGCENBA

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  AME 111: Introduction to Digital Culture (CS) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. Digital Culture students complete AME 101 to fulfill this requirement. |
| AME 101: ASU Digital Culture Experience | 1 | C | |
| <i>Complete 2 courses:</i> | | | |
| AME 112: Computational Thinking for Digital Culture OR AME 130: Prototyping Dreams (L) OR AME 230: Programming for the Media Arts (CS) | 6 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 210: Brief Calculus (MA) | 3 | C | |
|  Maintain 3.00 GPA in Digital Culture coursework. | | | |
|  Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| AME 112: Computational Thinking for Digital Culture OR AME 130: Prototyping Dreams (L) OR AME 230: Programming for the Media Arts (CS) | 3 | C | <ul style="list-style-type: none"> • All Digital Culture majors must have a minimum 3.00 Digital Culture GPA at the end of Term 2 to continue in the program. If a student's Digital Culture GPA is below a 3.00, the student will be placed on a probationary status for one term. If the student is not successful in raising their Digital Culture GPA to a 3.00 after the probationary term, the student will not be able to continue in the Digital Culture program. • Join a student club or professional organization. |
| Lower Division Digital Culture Flexible Elective | 3 | C | |
| Lower Division Digital Culture Studies | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Milestone: GPA First-Year Review | | | |
| Term hours subtotal: | 15 | | |

| Term 3 31 - 47 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ENG 200: Critical Reading and Writing About Literature (L or HU) | 3 | C | <ul style="list-style-type: none"> • Build your skills. |
| Lower Division English Concentration Electives Category I | 3 | C | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Natural Science - Quantitative (SQ) (PHY 101 recommended) | 4 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
|  Complete Mathematics (MA) requirement. | | | |
| Complete First-Year Composition requirement. | | | |
| Complete MAT 210 course. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 47 - 62 Credit Hours Critical course signified by ⚠ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ⚠ Digital Media - Media Arts & Design OR Digital Culture Studies | 3 | C | <ul style="list-style-type: none"> Digital Media - Arts & Design courses are classes that include digital media projects within a trans-disciplinary area of study. See course list below or talk to your advisor for specific course options. |
| <i>Complete 2 courses:</i> | | | |
| Lower Division English Concentration Electives Category I | 6 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 5 62 - 78 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ Upper Division Digital Culture Studies | 3 | C | <ul style="list-style-type: none"> Build a digital portfolio. |
| Upper Division Digital Media - Media Arts & Design OR Upper Division Digital Culture Studies | 3 | C | |
| <i>Complete 2 courses:</i> | | | |
| Upper Division English Concentration Electives Category II | 6 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Term hours subtotal: | 16 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ Upper Division Digital Culture Studies | 3 | C | <ul style="list-style-type: none"> Explore an internship. |
| ENG 400: History of Literary Criticism (L or HU) OR ENG 401: Topics in Critical Theory OR ENG 472: Rhetorical Studies (L) | 3 | C | |
| Upper Division Digital Media - Media Arts & Design OR Upper Division Digital Culture Studies | 3 | C | |
| Upper Division English Concentration Electives Category III | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ AME 485: Digital Culture Capstone I | 3 | C | <ul style="list-style-type: none"> All Digital Culture majors must have a minimum 3.00 Digital Culture GPA to meet graduation requirements. If you are not meeting this GPA requirement, please see your advisor. Gather professional references. |
| Upper Division Digital Culture Studies OR Upper Division Digital Media - Media Engineering Course | 3 | C | |
| Upper Division Digital Media - Media Arts & Design OR Upper Division Digital Culture Studies | 3 | C | |
| Upper Division English Concentration Electives Category III | 3 | C | |
| Elective OR AME 484: Internship | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ AME 486: Digital Culture Capstone II | 3 | C | |
| Upper Division Digital Media - Media Arts & Design OR Upper Division Digital Culture Studies | 3 | C | |
| Upper Division English Concentration Electives Category III | 3 | C | |

Term hours subtotal: 12

Hide Course List(s)/Track Group(s)

| Digital Culture Flexible Elective | Digital Culture Studies Course List | Digital Media Course List |
|------------------------------------|---|---|
| AME OR MDC Lower Division Elective | AME 210: Media Editing | ART 116: Introduction to Digital Media |
| | AME 220: Programming for the Web | ART 206: Digital Photography I |
| | AME 240: Introduction to Physical Computing | ART 217: Introduction to Computer Animation |
| | AME 244: Introduction to Interactive Environments | ART 218: 3D Tools |
| | AME 294: Circuit Bending | ART 308: 2D Digital Animation |
| | AME 294: Design Politics | ART 312: Illustration |
| | AME 294: Soundscape Ecology | ART 346: 3-D Computer Imaging and Animation (CS) |
| | AME 310: Media Literacies and Composition | ART 348: Animation Motion Studies |
| | AME 320: Motion Capture for Integrative Systems | ART 394: Digital Photography for Non-Majors |
| | AME 330: Digital-Physical Systems | ART 424: Stop Motion Animation |
| | AME 394: Special Topics | ART 438: Moving and Interactive Systems in Sculpture |
| | AME 411: Advanced Interactive Sound | ART 440: Experimental Video Art |
| | AME 430: Mac Development for Media Arts | ART 494: Documentary Video Art |
| | AME 435: Mobile Development | ART 494: Visual Prototyping |
| | AME 444: Media Installations | CIS 300: Web Design and Development |
| | AME 470: Programming for Social and Interactive Media | CPI 111: Game Development I (CS) |
| | AME 494: Special Topics | DCE 294: HybridAction:PhysicalIntelligenceinDigitalCulture |
| | ART 116: Introduction to Digital Media | EDT 440: Creating and Marketing Mobile Apps |
| | ART 218: 3D Tools | FMP 225: Introduction to Visual Effects |
| | ART 378: Digital Textiles | FMP 240: Introduction to Animation for Film |
| | DCE 294: HybridAction:PhysicalIntelligenceinDigitalCulture | FMP 255: Media Authorship (CS) |
| | FSH 394: Fashion Design & Wearable Technology | FMP 294: Sound Design: From Hollywood to Independent Film |
| | MDC 211: Introduction to Digital Sound | FMP 394: Non-Linear Editing for Film and Media |
| | MDC 311: Composing and Performing for Hybrid Ensembles | GIT 135: Graphic Communications |
| | MDC 411: Advanced Interactive Sound | GIT 215: Introduction to Web Authoring |
| | | GIT 230: Digital Illustration in Publishing |
| | | GRA 294: Illustrator |

GRA 294: InDesign

GRA 294: Photoshop

IAP 103: Foundations I: Interdisciplinary Art Practice

IAP 104: Foundations I: Fundamentals of Sound Art

IAP 322: Multitrack Digital Recording

IAP 361: Digital Editing and Media Literacy (CS)

IAP 364: Documentaries

IAP 394: Motion Graphics & Animation

IAP 462: Games and Play

MDC 311: Composing and Performing for Hybrid Ensembles

| Digital Media - Media Arts & Design Course List | Digital Media - Media Engineering Course List | English Concentration Electives Category I: Select 3 courses; 9 credits |
|--|---|---|
| ART 116: Introduction to Digital Media | AME 410: Interactive Materials | ENG 205: Introduction to Writing Rhetorics and Literacies (L) |
| ART 206: Digital Photography I | AME 430: Mac Development for Media Arts | ENG 210: Introduction to Creative Writing |
| ART 217: Introduction to Computer Animation | AME 435: Mobile Development | ENG 213: Introduction to the Study of Language |
| ART 218: 3D Tools | AME 470: Programming for Social and Interactive Media | FMS 200: Film History ((L or HU) & H) |
| ART 308: 2D Digital Animation | EEE 307: Signal Processing for Digital Culture | |
| ART 312: Illustration | | |
| ART 346: 3-D Computer Imaging and Animation (CS) | | |
| ART 348: Animation Motion Studies | | |
| ART 394: Digital Photography for Non-Majors | | |
| ART 424: Stop Motion Animation | | |
| ART 438: Moving and Interactive Systems in Sculpture | | |
| ART 440: Experimental Video Art | | |
| ART 494: Documentary Video Art | | |
| ART 494: Visual Prototyping | | |
| CIS 300: Web Design and Development | | |
| CPI 111: Game Development I (CS) | | |
| DCE 294: HybridAction:PhysicalIntelligenceinDigitalCulture | | |
| EDT 440: Creating and Marketing Mobile Apps | | |
| FMP 225: Introduction to Visual Effects | | |
| FMP 240: Introduction to Animation for Film | | |
| FMP 255: Media Authorship (CS) | | |

FMP 294: Sound Design: From Hollywood to Independent Film

FMP 394: Non-Linear Editing for Film and Media

GIT 135: Graphic Communications

GIT 215: Introduction to Web Authoring

GIT 230: Digital Illustration in Publishing

GRA 294: Illustrator

GRA 294: InDesign

GRA 294: Photoshop

IAP 103: Foundations I: Interdisciplinary Digital Media

IAP 104: Foundations I: Fundamentals of Sound Art

IAP 322: Multitrack Digital Recording

IAP 361: Digital Editing and Media Literacy (CS)

IAP 364: Documentaries

IAP 394: Motion Graphics & Animation

IAP 462: Games and Play

MDC 311: Composing and Performing for Hybrid Ensembles

English Concentration Electives Category II:
Select 2 courses; 6 credits

ENG 312: English in its Social Setting (L or HU or SB)

ENG 314: Modern Grammar

ENG 403: Semantics

ENG 447: Experimental Narrative

FMS 351: Emerging Digital Media

English Concentration Electives Category III:
Select 3 courses; 9 credits

FMS Upper Division Elective

Upper Division ENG Literature class

Upper Division ENG Writing Rhetorics and/or Literacies class

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)

- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.





2020 - 2021 Major Map




Digital Culture (Film), BA



School/College: Herberger Institute for Design and the Arts

Location: Tempe campus



HIDGCFBA


| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  AME 111: Introduction to Digital Culture (CS) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First Year Seminar required of all first-year students. Digital Culture students complete AME 101 to fulfill this requirement. |
| AME 101: ASU Digital Culture Experience | 1 | C | |
| <i>Complete 2 courses:</i> | | | |
| AME 112: Computational Thinking for Digital Culture OR AME 130: Prototyping Dreams (L) OR AME 230: Programming for the Media Arts (CS) | 6 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 210: Brief Calculus (MA) | 3 | C | |
|  Maintain 3.00 GPA in Digital Culture coursework. | | | |
|  Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| AME 112: Computational Thinking for Digital Culture OR AME 130: Prototyping Dreams (L) OR AME 230: Programming for the Media Arts (CS) | 3 | C | <ul style="list-style-type: none"> • All Digital Culture majors must have a minimum 3.00 Digital Culture GPA at the end of Term 2 to continue in the program. If a student's Digital Culture GPA is below a 3.00, the student will be placed on a probationary status for one term. If the student is not successful in raising their Digital Culture GPA to a 3.00 after the probationary term, the student will not be able to continue in the Digital Culture program. • Join a student club or professional organization. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| FMP 201: Film: The Creative Process I (HU) | 3 | C | |
| Lower Division Digital Culture Flexible Elective | 3 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Milestone: GPA First-Year Review | | | |
| Term hours subtotal: | 15 | | |



| Term 3 31 - 47 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| FMP 280: Introduction to Film and Media Production | 2 | C | <ul style="list-style-type: none"> • Digital Media - Arts & Design courses are classes that include digital media projects within a trans-disciplinary area of study. See course list below or talk to your advisor for specific course options. • Build your skills. |
| Digital Media - Media Arts & Design OR Digital Culture Studies | 3 | C | |
| Global Awareness (G) | 3 | | |
| Natural Science - Quantitative (SQ) (PHY 101 recommended) | 4 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 1 | | |
|  Complete Mathematics (MA) requirement. | | | |
| Complete First-Year Composition requirement. | | | |
| Complete MAT 210 course. | | | |


Term hours subtotal: 16

| Term 4 47 - 63 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  Digital Media - Media Arts & Design OR Digital Culture Studies | 3 | C | |
| History/Theory Course | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Elective | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  Upper Division Digital Culture Studies | 3 | C | <ul style="list-style-type: none"> • Related Digital Culture courses are selective electives that allow students to take courses in an area of interest that connects to their study of Digital Culture and personal career interests. • Build a digital portfolio. |
| Film Concentration | 3 | C | |
| Upper Division Digital Culture Studies OR Related Digital Culture Course | 3 | C | |
| Upper Division Digital Media - Media Arts & Design OR Upper Division Digital Culture Studies | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  Upper Division Digital Culture Studies | 3 | C | <ul style="list-style-type: none"> • Explore an internship. |
| Upper Division Digital Media - Media Arts & Design OR Upper Division Digital Culture Studies | 3 | C | |
| Upper Division Film Concentration | 3 | C | |
| Upper Division History/Theory Course | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
|  Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  AME 485: Digital Culture Capstone I | 3 | C | <ul style="list-style-type: none"> • All Digital Culture majors must have a minimum 3.00 Digital Culture GPA to meet graduation requirements. If you are not meeting this GPA requirement, please see your advisor. • Gather professional references. |
| Upper Division Digital Culture Studies | 3 | C | |
| Upper Division Film Concentration | 3 | C | |
| Upper Division Related Digital Culture Course OR Upper Division Digital Media - Media Arts & Design | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|  AME 486: Digital Culture Capstone II | 3 | C | |
| Upper Division Digital Culture Studies | 3 | C | |
| Upper Division Digital Media - Media Engineering | 3 | C | |

Term hours subtotal: 12

- Digital Culture and Concentration coursework: refer to additional notes and program advisor for course selection.

Hide Course List(s)/Track Group(s)

| Digital Culture Flexible Elective | Digital Culture Studies Course List | Digital Media Course List |
|------------------------------------|--|--|
| AME OR MDC Lower Division Elective | AME 210: Media Editing | ART 116: Introduction to Digital Media |
| | AME 220: Programming for the Web | ART 206: Digital Photography I |
| | AME 240: Introduction to Physical Computing | ART 217: Introduction to Computer Animation |
| | AME 244: Introduction to Interactive Environments | ART 218: 3D Tools |
| | AME 294: Circuit Bending | ART 308: 2D Digital Animation |
| | AME 294: Design Politics | ART 312: Illustration |
| | AME 294: Soundscape Ecology | ART 346: 3-D Computer Imaging and Animation (CS) |
| | AME 310: Media Literacies and Composition | ART 348: Animation Motion Studies |
| | AME 320: Motion Capture for Integrative Systems | ART 394: Digital Photography for Non-Majors |
| | AME 330: Digital-Physical Systems | ART 424: Stop Motion Animation |
| | AME 394: Special Topics | ART 438: Moving and Interactive Systems in Sculpture |
| | AME 411: Advanced Interactive Sound | ART 440: Experimental Video Art |
| | AME 430: Mac Development for Media Arts | ART 494: Documentary Video Art |
| | AME 435: Mobile Development | ART 494: Visual Prototyping |
| | AME 444: Media Installations | CIS 300: Web Design and Development |
| | AME 470: Programming for Social and Interactive Media | CPI 111: Game Development I (CS) |
| | AME 494: Special Topics | DCE 294: HybridAction:PhysicalIntelligenceinDigitalCulture |
| | ART 116: Introduction to Digital Media | EDT 440: Creating and Marketing Mobile Apps |
| | ART 218: 3D Tools | FMP 225: Introduction to Visual Effects |
| | ART 378: Digital Textiles | FMP 240: Introduction to Animation for Film |
| | DCE 294: HybridAction:PhysicalIntelligenceinDigitalCulture | FMP 255: Media Authorship (CS) |
| | FSH 394: Fashion Design & Wearable Technology | FMP 294: Sound Design: From Hollywood to Independent Film |
| | MDC 211: Introduction to Digital Sound | FMP 394: Non-Linear Editing for Film and Media |
| | MDC 311: Composing and Performing for Hybrid Ensembles | GIT 135: Graphic Communications |
| | MDC 411: Advanced Interactive Sound | GIT 215: Introduction to Web Authoring |
| | | GIT 230: Digital Illustration in Publishing |

GRA 294: Illustrator

GRA 294: InDesign

GRA 294: Photoshop

IAP 103: Foundations I: Interdisciplinary Art Practice

IAP 104: Foundations I: Fundamentals of Sound Art

IAP 322: Multitrack Digital Recording

IAP 361: Digital Editing and Media Literacy (CS)

IAP 364: Documentaries

IAP 394: Motion Graphics & Animation

IAP 462: Games and Play

MDC 311: Composing and Performing for Hybrid Ensembles

| Digital Media - Media Arts & Design Course List | Digital Media - Media Engineering Course List | Related Digital Culture Course List |
|--|---|---|
| ART 116: Introduction to Digital Media | AME 410: Interactive Materials | ALA OR AME OR ART OR CPI OR CSE OR EDS OR ENG OR ENT OR FIS OR FMP OR FMS OR FSH OR GIT OR GRA OR HDA OR HSE OR IAP OR IND OR INT OR MCO OR MDC OR MTC OR MUP OR MUS OR STS OR TEM OR THE OR THF OR THP OR TWC Elective |
| ART 206: Digital Photography I | AME 430: Mac Development for Media Arts | |
| ART 217: Introduction to Computer Animation | AME 435: Mobile Development | |
| ART 218: 3D Tools | AME 470: Programming for Social and Interactive Media | |
| ART 308: 2D Digital Animation | EEE 307: Signal Processing for Digital Culture | |
| ART 312: Illustration | | |
| ART 346: 3-D Computer Imaging and Animation (CS) | | |
| ART 348: Animation Motion Studies | | |
| ART 394: Digital Photography for Non-Majors | | |
| ART 424: Stop Motion Animation | | |
| ART 438: Moving and Interactive Systems in Sculpture | | |
| ART 440: Experimental Video Art | | |
| ART 494: Documentary Video Art | | |
| ART 494: Visual Prototyping | | |
| CIS 300: Web Design and Development | | |
| CPI 111: Game Development I (CS) | | |
| DCE 294: Hybrid Action: Physical Intelligence in Digital Culture | | |
| EDT 440: Creating and Marketing Mobile Apps | | |
| FMP 225: Introduction to Visual Effects | | |
| FMP 240: Introduction to Animation for Film | | |

FMP 255: Media Authorship (CS)

FMP 294: Sound Design: From Hollywood to Independent Film

FMP 394: Non-Linear Editing for Film and Media

GIT 135: Graphic Communications

GIT 215: Introduction to Web Authoring

GIT 230: Digital Illustration in Publishing

GRA 294: Illustrator

GRA 294: InDesign

GRA 294: Photoshop

IAP 103: Foundations I: Interdisciplinary Digital Media

IAP 104: Foundations I: Fundamentals of Sound Art

IAP 322: Multitrack Digital Recording

IAP 361: Digital Editing and Media Literacy (CS)

IAP 364: Documentaries

IAP 394: Motion Graphics & Animation

IAP 462: Games and Play

MDC 311: Composing and Performing for Hybrid Ensembles

Film Concentration

History/Theory Course List

FMP 194: Special Topics

ALA 100: Introduction to Environmental Design (HU & H & G)

FMP 294: Special Topics

ALA 102: Landscapes and Sustainability (HU & G)

FMP 300: Focus on Film

APH 300: World Architecture I/Western Cultures (HU & H & G)

FMP 325: Guerilla VFX

APH 313: History of Architecture I ((L or HU) & G & H)

FMP 335: Careers in Film and Media Industry

APH 314: History of Architecture II ((L or HU) & G & H)

FMP 345: Cinematography I

FMP 350: Directing for Documentary Media

FMP 370: Producing for Film and Media

FMP 394: Special Topics

ARA 202: Understanding Photographs

FMP 403: Independent Film (HU)

ARS 102: Art from Renaissance to Modernism (HU & H)

FMP 405: Film and Television: Pioneers Practices and Innovations (HU)

ARS 345: Art and Television

FMP 445: Cinematography II

ARS 394: Anime

FMP 494: Special Topics

ARS 438: Art of the 20th Century I (HU & H)

ARS 439: Art of the 20th Century II (HU & H)

| |
|--|
| DCE 300: Moving Histories (HU) |
| DSC 101: Design Awareness (HU & G) |
| FMP 294: History of Film & Television Production |
| FMP 403: Independent Film (HU) |
| FMP 405: Film and Television: Pioneers Practices and Innovations (HU) |
| GRA 111: Graphic Design History I (HU) |
| GRA 112: Graphic Design History II |
| IAP 304: Traditions of the Avant-Garde and Experimental Art (L or HU) |
| IAP 305: 20th and 21st Century Art Performance and Media (L or HU) |
| IND 316: 20th-Century Design I (HU & H) |
| IND 317: 20th-Century Design II (HU & H) |
| INT 111: Interior Design Issues and Theories (HU) |
| INT 310: History of Interior Design I (HU & H) |
| INT 311: History of Interior Design II (HU & H) |
| LPH 310: History of Landscape Architecture (HU & H) |
| LPH 311: 20th-Century Landscape Architecture (HU) |
| MUS 347: Jazz in America (HU & C) |
| MUS 354: Popular Music (HU) |
| MUS 356: Broadway and the American Musical (HU) |
| MUS 362: Rap Music and Hip Hop Culture (HU & C) |
| STS 303: History of Science and Technology (H) |
| THE 320: History of the Theatre I (HU & H) |
| THE 322: Theatre History and Culture (HU & H) |

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 3.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.





2020 - 2021 Major Map




Digital Culture (Graphic Information Technology), BA



School/College: Herberger Institute for Design and the Arts

Location: Tempe campus

HIDGCTEBA

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  AME 111: Introduction to Digital Culture (CS) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or College specific equivalent First Year Seminar required of all first-year students. Digital culture students complete AME 101 to fulfill this requirement. |
| AME 101: ASU Digital Culture Experience | 1 | C | |
| <i>Complete 2 courses:</i> | | | |
| AME 112: Computational Thinking for Digital Culture OR AME 130: Prototyping Dreams (L) OR AME 230: Programming for the Media Arts (CS) | 6 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 210: Brief Calculus (MA) | 3 | C | |
|  Maintain 3.00 GPA in Digital Culture coursework. | | | |
|  Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| AME 112: Computational Thinking for Digital Culture OR AME 130: Prototyping Dreams (L) OR AME 230: Programming for the Media Arts (CS) | 3 | C | <ul style="list-style-type: none"> • All Digital Culture majors must have a minimum 3.00 Digital Culture GPA at the end of Term 2 to continue in the program. If a student's Digital Culture GPA is below a 3.00, the student will be placed on a probationary status for one term. If the student is not successful in raising their Digital Culture GPA to a 3.00 after the probationary term, the student will not be able to continue in the Digital Culture program. • Students interested in the Animation focus should take GIT 211. • Students interested in the Web focus should take GIT 215. • Join a student club or professional organization. |
| GIT 230: Digital Illustration in Publishing | 3 | C | |
| Lower Division Digital Culture Flexible Elective | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Milestone: GPA First-Year Review | | | |
| Term hours subtotal: | 15 | | |

| Term 3 31 - 47 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| GIT 211: Introduction to Video Game Art OR GIT 215: Introduction to Web Authoring | 3 | C | <ul style="list-style-type: none"> • Build your skills. |
| TMC 110: Understanding the Enterprise | 3 | C | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Natural Science - Quantitative (SQ) (PHY 101 recommended) | 4 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
|  Complete Mathematics (MA) requirement. | | | |
| Complete First-Year Composition requirement. | | | |

Complete MAT 210 course(s).

Term hours subtotal: 16

| Term 4 47 - 62 Credit Hours Critical course signified by ⚠ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ⚠ Digital Media - Media Arts & Design OR Digital Culture Studies | 3 | C | <ul style="list-style-type: none"> Digital Media - Arts & Design courses are classes that include digital media projects within a trans-disciplinary area of study. See course list or talk to your advisor for specific course options. Students interested in the Animation focus should take GIT 312. Students interested in the Web focus should take GIT 337. |
| GIT 312: 3-D Computer Graphics Modeling and Representation (CS) OR GIT 337: Web Content Design | 3 | C | |
| Technological Entrepreneurship Course | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 5 62 - 78 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ Upper Division Digital Culture Studies | 3 | C | <ul style="list-style-type: none"> Students interested in the Animation focus should take GIT 411. Students interested in the Web focus should take GIT 414. Build a digital portfolio. |
| GIT 411: Computer Animation OR GIT 414: Web Site Design and Internet/Web Technologies | 3 | C | |
| Upper Division Digital Media - Media Arts & Design OR Upper Division Digital Culture Studies | 3 | C | |
| Upper Division Technological Entrepreneurship Course | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Term hours subtotal: | 16 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ Upper Division Digital Culture Studies | 3 | C | <ul style="list-style-type: none"> Students interested in the Animation focus should take GIT 314. Students interested in the Web focus should take GIT 402 or GIT 417. Explore an internship. |
| GIT 402: New Media Internet Technologies OR GIT 314: Multimedia Design, Planning and Storyboards OR GIT 417: Advanced Web Markup and Scripting | 3 | C | |
| <i>Complete 2 courses:</i> | | | |
| Upper Division Digital Media - Media Arts & Design OR Upper Division Digital Culture Studies | 6 | C | |
| Upper Division Technological Entrepreneurship Course | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ AME 485: Digital Culture Capstone I | 3 | C | <ul style="list-style-type: none"> All Digital Culture majors must have a minimum 3.00 Digital Culture GPA to meet graduation requirements. If you are not meeting this GPA requirement, please see your advisor. Gather professional references. |
| Upper Division Digital Culture Studies OR Digital Media - Media Engineering Course | 3 | C | |
| Upper Division Digital Media - Media Arts & Design OR Upper Division Digital Culture Studies | 3 | C | |
| Upper Division Technological Entrepreneurship Course | 3 | C | |
| Elective OR AME 484: Internship | 3 | | |
| Term hours subtotal: | 15 | | |

| | | Minimum | |
|--|--|---------|--|
|--|--|---------|--|

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Grade | Notes |
|--|-------|-------|-------|
| ★ AME 486: Digital Culture Capstone II | 3 | C | |
| Upper Division Digital Culture Studies OR Upper Division Digital Media - Media Arts & Design OR Digital Media - Media Engineering Course | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 12 | | |

Hide Course List(s)/Track Group(s)

| Digital Culture Flexible Elective | Digital Culture Studies Course List | Digital Media - Media Arts & Design Course List |
|------------------------------------|--|--|
| AME OR MDC Lower Division Elective | AME 210: Media Editing | ART 116: Introduction to Digital Media |
| | AME 220: Programming for the Web | ART 206: Digital Photography I |
| | AME 240: Introduction to Physical Computing | ART 217: Introduction to Computer Animation |
| | AME 244: Introduction to Interactive Environments | ART 218: 3D Tools |
| | AME 294: Circuit Bending | ART 308: 2D Digital Animation |
| | AME 294: Design Politics | ART 312: Illustration |
| | AME 294: Soundscape Ecology | ART 346: 3-D Computer Imaging and Animation (CS) |
| | AME 310: Media Literacies and Composition | ART 348: Animation Motion Studies |
| | AME 320: Motion Capture for Integrative Systems | ART 394: Digital Photography for Non-Majors |
| | AME 330: Digital-Physical Systems | ART 424: Stop Motion Animation |
| | AME 394: Special Topics | ART 438: Moving and Interactive Systems in Sculpture |
| | AME 411: Advanced Interactive Sound | ART 440: Experimental Video Art |
| | AME 430: Mac Development for Media Arts | ART 494: Documentary Video Art |
| | AME 435: Mobile Development | ART 494: Visual Prototyping |
| | AME 444: Media Installations | CIS 300: Web Design and Development |
| | AME 470: Programming for Social and Interactive Media | CPI 111: Game Development I (CS) |
| | AME 494: Special Topics | DCE 294: HybridAction:PhysicalIntelligenceinDigitalCulture |
| | ART 116: Introduction to Digital Media | EDT 440: Creating and Marketing Mobile Apps |
| | ART 218: 3D Tools | FMP 225: Introduction to Visual Effects |
| | ART 378: Digital Textiles | FMP 240: Introduction to Animation for Film |
| | DCE 294: HybridAction:PhysicalIntelligenceinDigitalCulture | FMP 255: Media Authorship (CS) |
| | FSH 394: Fashion Design & Wearable Technology | FMP 294: Sound Design: From Hollywood to Independent Film |

MDC 211: Introduction to Digital Sound

MDC 311: Composing and Performing for Hybrid Ensembles

MDC 411: Advanced Interactive Sound

FMP 394: Non-Linear Editing for Film and Media

GIT 135: Graphic Communications

GIT 215: Introduction to Web Authoring

GRA 294: Illustrator

GRA 294: InDesign

GRA 294: Photoshop

IAP 103: Foundations I: Interdisciplinary Digital Media

IAP 104: Foundations I: Fundamentals of Sound Art

IAP 322: Multitrack Digital Recording

IAP 361: Digital Editing and Media Literacy (CS)

IAP 364: Documentaries

IAP 394: Motion Graphics & Animation

IAP 462: Games and Play

MDC 311: Composing and Performing for Hybrid Ensembles

| Digital Media Course List | Digital Media - Media Engineering Course List | Technological Entrepreneurship Course List |
|---|---|---|
| ART 116: Introduction to Digital Media | AME 410: Interactive Materials | OMT 430: Ethical Issues in Technology |
| ART 206: Digital Photography I | AME 430: Mac Development for Media Arts | OMT 480: Organizational Effectiveness |
| ART 217: Introduction to Computer Animation | AME 435: Mobile Development | TEM 230: Creativity and Business Innovation |
| ART 218: 3D Tools | AME 470: Programming for Social and Interactive Media | TEM 330: Systems Innovation |
| ART 308: 2D Digital Animation | EEE 307: Signal Processing for Digital Culture | TEM 431: Innovation Management |
| ART 312: Illustration | | TMC 310: Promotion of the Enterprise |
| ART 346: 3-D Computer Imaging and Animation (CS) | | TMC 320: Funding the Enterprise |
| ART 348: Animation Motion Studies | | TMC 330: Leading the Enterprise |
| ART 394: Digital Photography for Non-Majors | | TMC 430: Enterprise Strategy and Innovation |
| ART 424: Stop Motion Animation | | |
| ART 438: Moving and Interactive Systems in Sculpture | | |
| ART 440: Experimental Video Art | | |
| ART 494: Documentary Video Art | | |
| ART 494: Visual Prototyping | | |
| CIS 300: Web Design and Development | | |
| CPI 111: Game Development I (CS) | | |
| DCE 294: HybridAction:PhysicalIntelligenceinDigitalCulture | | |

EDT 440: Creating and Marketing Mobile Apps

FMP 225: Introduction to Visual Effects

FMP 240: Introduction to Animation for Film

FMP 255: Media Authorship (CS)

FMP 294: Sound Design: From Hollywood to Independent Film

FMP 394: Non-Linear Editing for Film and Media

GIT 135: Graphic Communications

GIT 215: Introduction to Web Authoring

GIT 230: Digital Illustration in Publishing

GRA 294: Illustrator

GRA 294: InDesign

GRA 294: Photoshop

IAP 103: Foundations I: Interdisciplinary Art Practice

IAP 104: Foundations I: Fundamentals of Sound Art

IAP 322: Multitrack Digital Recording

IAP 361: Digital Editing and Media Literacy (CS)

IAP 364: Documentaries

IAP 394: Motion Graphics & Animation

IAP 462: Games and Play

MDC 311: Composing and Performing for Hybrid Ensembles

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 3.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.





2020 - 2021 Major Map




Digital Culture (Interdisciplinary Arts and Performance), BA



School/College: Herberger Institute for Design and the Arts

Location: Tempe campus



HIDCIAPBA



| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  AME 111: Introduction to Digital Culture (CS) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college specific equivalent First Year Seminar required of all first-year students. Digital Culture students complete AME 101 to fulfill this requirement. |
| AME 101: ASU Digital Culture Experience | 1 | C | |
| <i>Complete 2 courses:</i> | | | |
| AME 112: Computational Thinking for Digital Culture OR AME 130: Prototyping Dreams (L) OR AME 230: Programming for the Media Arts (CS) | 6 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 210: Brief Calculus (MA) | 3 | C | |
|  Maintain 3.00 GPA in Digital Culture coursework. | | | |
|  Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |




| Term 2 16 - 31 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| AME 112: Computational Thinking for Digital Culture OR AME 130: Prototyping Dreams (L) OR AME 230: Programming for the Media Arts (CS) | 3 | C | <ul style="list-style-type: none"> • All Digital Culture majors must have a minimum 3.00 Digital Culture GPA at the end of Term 2 to continue in the program. If a student's Digital Culture GPA is below a 3.00, the student will be placed on a probationary status for one term. If the student is not successful in raising their Digital Culture GPA to a 3.00 after the probationary term, the student will not be able to continue in the Digital Culture program. • Join a student club or professional organization. |
| IAP 201: Introduction to Interdisciplinary Arts (HU) OR IAP 202: Perspectives on Interdisciplinary Arts and Performance (HU) | 3 | C | |
| Lower Division Digital Culture Flexible Elective | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Milestone: GPA First-Year Review | | | |
| Term hours subtotal: | 15 | | |

| Term 3 31 - 47 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| Digital Media - Media Arts & Design OR Digital Culture Studies | 3 | C | <ul style="list-style-type: none"> • Digital Media - Arts & Design courses are classes that include digital media projects within a trans-disciplinary area of study. See course list or talk to your advisor for specific course options. • Build your skills. |
| Interdisciplinary Arts and Performance Concentration | 3 | C | |
| Natural Science - Quantitative (SQ) (PHY 101 recommended) | 4 | | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Elective | 3 | | |
|  Complete Mathematics (MA) requirement. | | | |
| Complete First-Year Composition requirement. | | | |
| Complete MAT 210 course(s). | | | |


Term hours subtotal: 16

| Term 4 47 - 62 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  Digital Media - Media Arts & Design OR Digital Culture Studies | 3 | C | |
| <i>Complete 2 courses:</i> | | | |
| Interdisciplinary Arts and Performance Concentration | 6 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 5 62 - 78 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  Upper Division Digital Culture Studies | 3 | C | <ul style="list-style-type: none"> • Build a digital portfolio. |
| IAP 304: Traditions of the Avant-Garde and Experimental Art (L or HU) OR IAP 305: 20th and 21st Century Art, Performance, and Media (L or HU) | 3 | C | |
| Upper Division Digital Media - Media Arts & Design OR Upper Division Digital Culture Studies | 3 | C | |
| Upper Division Interdisciplinary Arts and Performance Concentration | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Term hours subtotal: | 16 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  Upper Division Digital Culture Studies | 3 | C | <ul style="list-style-type: none"> • Explore an internship. |
| Upper Division Digital Media - Media Arts & Design OR Upper Division Digital Culture Studies | 3 | C | |
| <i>Complete 2 courses:</i> | | | |
| Upper Division Interdisciplinary Arts and Performance Concentration | 6 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
|  Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  AME 485: Digital Culture Capstone I | 3 | C | <ul style="list-style-type: none"> • All Digital Culture majors must have a minimum 3.00 Digital Culture GPA to meet graduation requirements. If you are not meeting this GPA requirement, please see your advisor. • Gather professional references. |
| Upper Division Digital Culture Studies OR Digital Media - Media Engineering Course | 3 | C | |
| Upper Division Digital Media - Media Arts & Design OR Upper Division Digital Culture Studies | 3 | C | |
| Upper Division Interdisciplinary Arts and Performance Concentration | 3 | C | |
| Elective OR AME 484: Internship | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|  AME 486: Digital Culture Capstone II | 3 | C | |

| | | |
|--|----|---|
| Upper Division Digital Media - Media Arts & Design OR Upper Division Digital Culture Studies | 3 | C |
| Upper Division Interdisciplinary Arts and Performance Concentration | 3 | C |
| Upper Division Elective | 3 | |
| Term hours subtotal: | 12 | |

Hide Course List(s)/Track Group(s)

| Digital Culture Flexible Elective | Digital Culture Studies Course List | Digital Media - Media Arts & Design Course List |
|------------------------------------|--|--|
| AME OR MDC Lower Division Elective | AME 210: Media Editing | ART 116: Introduction to Digital Media |
| | AME 220: Programming for the Web | ART 206: Digital Photography I |
| | AME 240: Introduction to Physical Computing | ART 217: Introduction to Computer Animation |
| | AME 244: Introduction to Interactive Environments | ART 218: 3D Tools |
| | AME 294: Circuit Bending | ART 308: 2D Digital Animation |
| | AME 294: Design Politics | ART 312: Illustration |
| | AME 294: Soundscape Ecology | ART 346: 3-D Computer Imaging and Animation (CS) |
| | AME 310: Media Literacies and Composition | ART 348: Animation Motion Studies |
| | AME 320: Motion Capture for Integrative Systems | ART 394: Digital Photography for Non-Majors |
| | AME 330: Digital-Physical Systems | ART 424: Stop Motion Animation |
| | AME 394: Special Topics | ART 438: Moving and Interactive Systems in Sculpture |
| | AME 411: Advanced Interactive Sound | ART 440: Experimental Video Art |
| | AME 430: Mac Development for Media Arts | ART 494: Documentary Video Art |
| | AME 435: Mobile Development | ART 494: Visual Prototyping |
| | AME 444: Media Installations | CIS 300: Web Design and Development |
| | AME 470: Programming for Social and Interactive Media | CPI 111: Game Development I (CS) |
| | AME 494: Special Topics | DCE 294: HybridAction:PhysicalIntelligenceinDigitalCulture |
| | ART 116: Introduction to Digital Media | EDT 440: Creating and Marketing Mobile Apps |
| | ART 218: 3D Tools | FMP 225: Introduction to Visual Effects |
| | ART 378: Digital Textiles | FMP 240: Introduction to Animation for Film |
| | DCE 294: HybridAction:PhysicalIntelligenceinDigitalCulture | FMP 255: Media Authorship (CS) |
| | FSH 394: Fashion Design & Wearable Technology | FMP 294: Sound Design: From Hollywood to Independent Film |
| | MDC 211: Introduction to Digital Sound | FMP 394: Non-Linear Editing for Film and Media |
| | MDC 311: Composing and Performing for Hybrid Ensembles | GIT 135: Graphic Communications |
| | MDC 411: Advanced Interactive Sound | GIT 215: Introduction to Web Authoring |
| | | GIT 230: Digital Illustration in Publishing |

GRA 294: Illustrator

GRA 294: InDesign

GRA 294: Photoshop

IAP 103: Foundations I: Interdisciplinary Digital Media

IAP 104: Foundations I: Fundamentals of Sound Art

IAP 322: Multitrack Digital Recording

IAP 361: Digital Editing and Media Literacy (CS)

IAP 364: Documentaries

IAP 394: Motion Graphics & Animation

IAP 462: Games and Play

MDC 311: Composing and Performing for Hybrid Ensembles

| Digital Media - Media Engineering Course List | Interdisciplinary Arts and Performance Concentration Course List |
|---|--|
| AME 410: Interactive Materials | IAP 102: Foundations I: Performance Techniques and Composition |
| AME 430: Mac Development for Media Arts | IAP 103: Foundations I: Interdisciplinary Digital Media |
| AME 435: Mobile Development | IAP 104: Foundations I: Fundamentals of Sound Art |
| AME 470: Programming for Social and Interactive Media | IAP 105: Foundations I: Fundamentals of Visual Art |
| EEE 307: Signal Processing for Digital Culture | IAP 307: Art and War (HU & G) |
| | IAP 321: Music Composition I |
| | IAP 322: Multitrack Digital Recording |
| | IAP 324: The Voice and Performance |
| | IAP 325: Sound Performance: Exploring Alternative Performance Groups |
| | IAP 333: Directing for Performance |
| | IAP 354: Visual Representation |
| | IAP 361: Digital Editing and Media Literacy (CS) |
| | IAP 363: Sound Image and Media |
| | IAP 365: Digital Interactivity |
| | IAP 375: Contemporary Performance: Theories and Practice |
| | IAP 394: Special Topics |

IAP 431: Perspectives on Performance and Acting

IAP 441: Movement for Performance

IAP 464: Media and Diversity (HU & G)

IAP 466: Digital Interactivity Advanced

IAP 468: Digital Graphic Applications

IAP 469: Advanced Audio Production

IAP 471: Language Culture and Performance (L or HU)

IAP 494: Special Topics

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 3.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.





2020 - 2021 Major Map




Digital Culture (Media Processing), BS



School/College: Herberger Institute for Design and the Arts



Location: Tempe campus



HIDGCMPBS

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  AME 111: Introduction to Digital Culture (CS) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. Digital Culture students complete AME 101 to fulfill this requirement. |
| AME 101: ASU Digital Culture Experience | 1 | C | |
| <i>Complete 2 courses:</i> | | | |
| AME 112: Computational Thinking for Digital Culture OR AME 130: Prototyping Dreams (L) OR AME 230: Programming for the Media Arts (CS) | 6 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 210: Brief Calculus (MA) | 3 | C | |
|  Maintain 3.00 GPA in Major Courses. | | | |
|  Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| AME 112: Computational Thinking for Digital Culture OR AME 130: Prototyping Dreams (L) OR AME 230: Programming for the Media Arts (CS) | 3 | C | <ul style="list-style-type: none"> • All Digital Culture majors must have a minimum 3.00 Digital Culture GPA at the end of Term 2 to continue in the program. If a student's Digital Culture GPA is below a 3.00, the student will be placed on a probationary status for one term. If the student is not successful in raising their Digital Culture GPA to a 3.00 after the probationary term, the student will not be able to continue in the Digital Culture program. • Join a student club or professional organization. |
| Lower Division Digital Culture Flexible Elective | 3 | C | |
| CSE 110: Principles of Programming (CS) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 243: Discrete Mathematical Structures | 3 | C | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Milestone: GPA First-Year Review | | | |
| Term hours subtotal: | 15 | | |



| Term 3 31 - 47 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| CPI 111: Game Development I (CS) OR CSE 205: Object-Oriented Programming and Data Structures (CS) | 3 | C | <ul style="list-style-type: none"> • Build your skills. |
| Digital Culture Studies | 3 | C | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Natural Science - Quantitative (SQ) (PHY 101 recommended) | 4 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
|  Complete Mathematics (MA) requirement. | | | |
| Complete First-Year Composition requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 47 - 62 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  Digital Culture Studies | 3 | C | <ul style="list-style-type: none"> • Look into Study Abroad options. |
| CPI 211: Game Development II OR CSE 240: Introduction to Programming Languages | 3 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 5 62 - 78 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  Complete 2 courses: Upper Division Digital Culture Studies | 6 | C | <ul style="list-style-type: none"> • Keep good documentation of all your projects. |
| CPI 360: Decision Making and Problem Solving OR CSE 310: Data Structures and Algorithms OR CPI 311: Game Engine Development | 3 | C | |
| Media Processing Elective | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Term hours subtotal: | 16 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| Media Processing Elective | 3 | C | <ul style="list-style-type: none"> • Build a digital portfolio. • Explore an internship. Any internship approved for AME 484 Internship credit will automatically fulfill AME 486 Capstone II. |
| Upper Division Media Processing Elective | 3 | C | |
| Complete 2 courses: Upper Division Digital Culture Studies OR Upper Division Digital Media - Media Arts & Design | 6 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
|  Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  AME 485: Digital Culture Capstone I | 3 | C | <ul style="list-style-type: none"> • All Digital Culture majors must have a minimum 3.00 Digital Culture GPA to meet graduation requirements. If you are not meeting this GPA requirement, please see your advisor. • Gather professional references. |
| Upper Division Digital Culture Studies | 3 | C | |
| Upper Division Media Engineering | 3 | C | |
| Upper Division Media Processing Elective | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  AME 486: Digital Culture Capstone II OR AME 484: Internship | 3 | C | <ul style="list-style-type: none"> • Start applying for full-time career opportunities. |
| Upper Division Digital Culture Studies OR Upper Division Digital Media - Media Arts & Design | 3 | C | |
| Upper Division Media Processing Elective | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 12 | | |

Hide Course List(s)/Track Group(s)

| Digital Culture Flexible Elective | Digital Culture Studies Course List | Digital Media - Media Arts & Design Course List |
|------------------------------------|---|---|
| AME OR MDC Lower Division Elective | AME 210: Media Editing | ART 116: Introduction to Digital Media |
| | AME 220: Programming for the Web | ART 206: Digital Photography I |
| | AME 240: Introduction to Physical Computing | ART 217: Introduction to Computer Animation |
| | AME 244: Introduction to Interactive Environments | ART 218: 3D Tools |
| | AME 294: Circuit Bending | ART 308: 2D Digital Animation |
| | AME 294: Design Politics | ART 312: Illustration |
| | AME 294: Soundscape Ecology | ART 346: 3-D Computer Imaging and Animation (CS) |
| | AME 310: Media Literacies and Composition | ART 348: Animation Motion Studies |
| | AME 320: Motion Capture for Integrative Systems | ART 394: Digital Photography for Non-Majors |
| | AME 330: Digital-Physical Systems | ART 424: Stop Motion Animation |
| | AME 394: Special Topics | ART 438: Moving and Interactive Systems in Sculpture |
| | AME 411: Advanced Interactive Sound | ART 440: Experimental Video Art |
| | AME 430: Mac Development for Media Arts | ART 494: Documentary Video Art |
| | AME 435: Mobile Development | ART 494: Visual Prototyping |
| | AME 444: Media Installations | CIS 300: Web Design and Development |
| | AME 470: Programming for Social and Interactive Media | CPI 111: Game Development I (CS) |
| | AME 494: Special Topics | DCE 294: HybridAction:PhysicalIntelligenceinDigitalCulture |
| | ART 116: Introduction to Digital Media | EDT 440: Creating and Marketing Mobile Apps |
| | ART 218: 3D Tools | FMP 225: Introduction to Visual Effects |
| | ART 378: Digital Textiles | FMP 240: Introduction to Animation for Film |
| | DCE 294: HybridAction:PhysicalIntelligenceinDigitalCulture | FMP 255: Media Authorship (CS) |
| | FSH 394: Fashion Design & Wearable Technology | FMP 294: Sound Design: From Hollywood to Independent Film |
| | MDC 211: Introduction to Digital Sound | FMP 394: Non-Linear Editing for Film and Media |
| | MDC 311: Composing and Performing for Hybrid Ensembles | GIT 135: Graphic Communications |
| | MDC 411: Advanced Interactive Sound | GIT 215: Introduction to Web Authoring |
| | | GIT 230: Digital Illustration in Publishing |
| | | GRA 294: Illustrator |
| | | GRA 294: InDesign |
| | | GRA 294: Photoshop |

IAP 103: Foundations I: Interdisciplinary Digital Media

IAP 104: Foundations I: Fundamentals of Sound Art

IAP 322: Multitrack Digital Recording

IAP 361: Digital Editing and Media Literacy (CS)

IAP 364: Documentaries

IAP 394: Motion Graphics & Animation

IAP 462: Games and Play

MDC 311: Composing and Performing for Hybrid Ensembles

| Media Processing Electives | Media Engineering |
|--|---|
| CPI 211: Game Development II | AME 410: Interactive Materials |
| CPI 221: Advanced Object-Oriented Principles Using Java or CPI 310: Web-Based Information Management Systems | AME 430: Mac Development for Media Arts |
| CPI 321: Fundamentals of Game Art | AME 435: Mobile Development |
| CPI 394: Special Topics | AME 470: Programming for Social and Interactive Media |
| CPI 411: Graphics for Games | EEE 307: Signal Processing for Digital Culture |
| CPI 421: 3-D Modeling and Texturing | |
| CPI 462: Design for Learning in Virtual Worlds | |
| CPI 494: Special Topics | |
| CSE 205: Object-Oriented Programming and Data Structures (CS) | |
| CSE 220: Programming for Computer Engineering | |
| CSE 240: Introduction to Programming Languages | |
| CSE 360: Introduction to Software Engineering | |
| CSE 394: Special Topics | |
| CSE 463: Introduction to Human Computer Interaction | |
| CSE 470: Computer Graphics | |
| CSE 494: Special Topics | |
| IAP 362: Games and Narratology | |
| IAP 462: Games and Play | |
| IEE 431: Engineering Administration (L) | |
| SER 431: Advanced Graphics | |

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.





2020 - 2021 Major Map




Digital Culture (Music), BA



School/College: Herberger Institute for Design and the Arts

Location: Tempe campus

HIDGCMBA

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  AME 111: Introduction to Digital Culture (CS) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First Year Seminar required of all first-year students. Digital culture students complete AME 101 to fulfill this requirement. |
| AME 101: ASU Digital Culture Experience | 1 | C | |
| <i>Complete 2 courses:</i> | | | |
| AME 112: Computational Thinking for Digital Culture OR AME 130: Prototyping Dreams (L) OR AME 230: Programming for the Media Arts (CS) | 6 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 210: Brief Calculus (MA) | 3 | C | |
|  Maintain 3.00 GPA in Digital Culture coursework. | | | |
|  Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| AME 112: Computational Thinking for Digital Culture OR AME 130: Prototyping Dreams (L) OR AME 230: Programming for the Media Arts (CS) | 3 | C | <ul style="list-style-type: none"> • All Digital Culture majors must have a minimum 3.00 Digital Culture GPA at the end of Term 2 to continue in the program. If a student's Digital Culture GPA is below a 3.00, the student will be placed on a probationary status for one term. If the student is not successful in raising their Digital Culture GPA to a 3.00 after the probationary term, the student will not be able to continue in the Digital Culture program. • MTC 125 is only offered in the fall term and requires a placement diagnostic exam. Please see the your advisor to prepare this term to be able to take this course in the fall semester. • Join a student club or professional organization. |
| MUS 100: Fundamentals of Music Notation OR MTC 125: Basic Music Theory | 3 | C | |
| Lower Division Digital Culture Flexible Elective | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Milestone: GPA First-Year Review | | | |
| Term hours subtotal: | 15 | | |

| Term 3 31 - 47 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| Digital Media - Media Arts & Design OR Digital Culture Studies | 3 | C | <ul style="list-style-type: none"> • Digital Media - Arts & Design courses are classes that include digital media projects within a trans-disciplinary area of study. See the course list below or talk to your advisor for specific course options. • Build your skills. |
| Music Production Elective | 3 | C | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Natural Science - Quantitative (SQ) (PHY 101 recommended) | 4 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
|  Complete Mathematics (MA) requirement. | | | |
| Complete First-Year Composition requirement. | | | |

Complete MAT 210 course.

Term hours subtotal: 16

| Term 4 47 - 63 Credit Hours Critical course signified by ⚠ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ⚠ Digital Media - Media Arts & Design OR Digital Culture Studies | 3 | C | |
| MUS OR MUP OR MUE OR MTC Elective | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Elective | 3 | | |

Term hours subtotal: 16

| Term 5 63 - 78 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ Upper Division Digital Culture Studies | 3 | C | <ul style="list-style-type: none"> • Related Digital Culture courses are selective electives that allow students to take courses in an area of interest that connects to their study of Digital Culture and personal career interests. • Build a digital portfolio. |
| Upper Division Digital Culture Studies OR Related Digital Culture Course | 3 | C | |
| Upper Division Digital Media - Media Arts & Design OR Upper Division Digital Culture Studies | 3 | C | |
| History/Theory Course | 3 | C | |
| Elective OR AME 484: Internship | 3 | | |

Term hours subtotal: 15

| Term 6 78 - 92 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ Upper Division Digital Culture Studies | 3 | C | <ul style="list-style-type: none"> • If you take MTC 436, MTC 437, or MUP 319 (2 credits each) in this term, you will need to complete one additional hour (or 4 hours total) of MUS OR MUP OR MUE OR MTC Upper Division Elective in term 8. • Explore an internship. |
| MTC 436: Electronic Studio Techniques I OR MTC 437: Electronic Studio Techniques II OR MUE 441: Psychology of Music OR MUP 319: Advanced Audio Engineering in the Arts | 2-3 | C | |
| Upper Division Digital Media - Media Arts & Design OR Upper Division Digital Culture Studies | 3 | C | |
| Upper Division History/Theory Course | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |

Term hours subtotal: 14-15

| Term 7 92 - 107 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ AME 485: Digital Culture Capstone I | 3 | C | <ul style="list-style-type: none"> • All Digital Culture majors must have a minimum 3.00 Digital Culture GPA to meet graduation requirements. If you are not meeting this GPA requirement, please see your advisor. • Any MUS 354 topic can be used to fulfill the concentration requirement. • Gather professional references. |
| MUS 354: Popular Music (HU) OR MUS 362: Rap Music and Hip Hop Culture (HU & C) | 3 | C | |
| Upper Division Digital Culture Studies | 3 | C | |
| Upper Division Related Digital Culture Course | 3 | C | |
| Upper Division Elective | 3 | | |

Term hours subtotal: 15

| Term 8 107 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ AME 486: Digital Culture Capstone II | 3 | C | |

| | | |
|--|-------|---|
| Upper Division Digital Culture Studies | 3 | C |
| Upper Division Digital Media - Media Engineering | 3 | C |
| MUS OR MUP OR MUE OR MTC Upper Division Elective | 4-3 | C |
| Term hours subtotal: | 13-12 | |

• If you took MTC 436, MUP 319 or MTC 437 in term 6, you will need to complete one additional hour (or 4 hours total) of MUS OR MUP OR MUE OR MTC Upper Division Elective in term 8.

Hide Course List(s)/Track Group(s)

| Digital Culture Flexible Elective | Digital Culture Studies Course List | Digital Media - Media Arts & Design Course List |
|------------------------------------|---|---|
| AME OR MDC Lower Division Elective | AME 210: Media Editing | ART 116: Introduction to Digital Media |
| | AME 220: Programming for the Web | ART 206: Digital Photography I |
| | AME 240: Introduction to Physical Computing | ART 217: Introduction to Computer Animation |
| | AME 244: Introduction to Interactive Environments | ART 218: 3D Tools |
| | AME 294: Circuit Bending | ART 308: 2D Digital Animation |
| | AME 294: Design Politics | ART 312: Illustration |
| | AME 294: Soundscape Ecology | ART 346: 3-D Computer Imaging and Animation (CS) |
| | AME 310: Media Literacies and Composition | ART 348: Animation Motion Studies |
| | AME 320: Motion Capture for Integrative Systems | ART 394: Digital Photography for Non-Majors |
| | AME 330: Digital-Physical Systems | ART 424: Stop Motion Animation |
| | AME 394: Special Topics | ART 438: Moving and Interactive Systems in Sculpture |
| | AME 411: Advanced Interactive Sound | ART 440: Experimental Video Art |
| | AME 430: Mac Development for Media Arts | ART 494: Documentary Video Art |
| | AME 435: Mobile Development | ART 494: Visual Prototyping |
| | AME 444: Media Installations | CIS 300: Web Design and Development |
| | AME 470: Programming for Social and Interactive Media | CPI 111: Game Development I (CS) |
| | AME 494: Special Topics | DCE 294: HybridAction:PhysicalIntelligenceinDigitalCulture |
| | ART 116: Introduction to Digital Media | EDT 440: Creating and Marketing Mobile Apps |
| | ART 218: 3D Tools | FMP 225: Introduction to Visual Effects |
| | ART 378: Digital Textiles | FMP 240: Introduction to Animation for Film |
| | DCE 294: HybridAction:PhysicalIntelligenceinDigitalCulture | FMP 255: Media Authorship (CS) |
| | FSH 394: Fashion Design & Wearable Technology | FMP 294: Sound Design: From Hollywood to Independent Film |
| | MDC 211: Introduction to Digital Sound | FMP 394: Non-Linear Editing for Film and Media |
| | MDC 311: Composing and Performing for Hybrid Ensembles | GIT 135: Graphic Communications |
| | MDC 411: Advanced Interactive Sound | GIT 215: Introduction to Web Authoring |
| | | GIT 230: Digital Illustration in Publishing |

GRA 294: Illustrator

GRA 294: InDesign

GRA 294: Photoshop

IAP 103: Foundations I: Interdisciplinary Digital Media

IAP 104: Foundations I: Fundamentals of Sound Art

IAP 322: Multitrack Digital Recording

IAP 361: Digital Editing and Media Literacy (CS)

IAP 364: Documentaries

IAP 394: Motion Graphics & Animation

IAP 462: Games and Play

MDC 311: Composing and Performing for Hybrid Ensembles

Digital Media - Media Engineering Course List

AME 410: Interactive Materials

AME 430: Mac Development for Media Arts

AME 435: Mobile Development

AME 470: Programming for Social and Interactive Media

EEE 307: Signal Processing for Digital Culture

History/Theory Course List

ALA 100: Introduction to Environmental Design (HU & H & G)

ALA 102: Landscapes and Sustainability (HU & G)

APH 300: World Architecture I/Western Cultures (HU & H & G)

APH 313: History of Architecture I ((L or HU) & G & H)

APH 314: History of Architecture II ((L or HU) & G & H)

ARA 202: Understanding Photographs

ARS 102: Art from Renaissance to Modernism (HU & H)

ARS 345: Art and Television

ARS 394: Anime

ARS 438: Art of the 20th Century I (HU & H)

Related Digital Culture Course List

ALA OR AME OR ART OR CPI OR CSE OR EDS OR ENG OR ENT OR FIS OR FMP OR FMS OR FSH OR GIT OR GRA OR HDA OR HSE OR IAP OR IND OR INT OR MCO OR MDC OR MTC OR MUP OR MUS OR STS OR TEM OR THE OR THF OR THP OR TWC Elective

Music Production Elective Course List

MUS 294: Producing Hip Hop and Dance Music I

MUS 294: Rock Band

MUS 294: Song Production with Garage Band

MUS 294: Songwriting

ARS 439: Art of the 20th Century II (HU & H)

DCE 300: Moving Histories (HU)

DSC 101: Design Awareness (HU & G)

FMP 294: History of Film & Television
Production

FMP 403: Independent Film (HU)

FMP 405: Film and Television: Pioneers
Practices and Innovations (HU)

GRA 111: Graphic Design History I (HU)

GRA 112: Graphic Design History II

IAP 304: Traditions of the Avant-Garde and
Experimental Art (L or HU)

IAP 305: 20th and 21st Century Art
Performance and Media (L or HU)

IND 316: 20th-Century Design I (HU & H)

IND 317: 20th-Century Design II (HU & H)

INT 111: Interior Design Issues and Theories
(HU)

INT 310: History of Interior Design I (HU &
H)

INT 311: History of Interior Design II (HU &
H)

LPH 310: History of Landscape Architecture
(HU & H)

LPH 311: 20th-Century Landscape
Architecture (HU)

MUS 347: Jazz in America (HU & C)

MUS 354: Popular Music (HU)

MUS 356: Broadway and the American
Musical (HU)

MUS 362: Rap Music and Hip Hop Culture
(HU & C)

STS 303: History of Science and Technology
(H)

THE 320: History of the Theatre I (HU & H)

THE 322: Theatre History and Culture (HU &
H)

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 3.00 minimum

Cumulative GPA: 2.00 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.





2020 - 2021 Major Map




Digital Culture (Theatre), BA



School/College: Herberger Institute for Design and the Arts

Location: Tempe campus



HIDGCTBA

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  AME 111: Introduction to Digital Culture (CS) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college specific equivalent First Year Seminar required of all first-year students. Digital Culture students complete AME 101 to fulfill this requirement. |
| AME 101: ASU Digital Culture Experience | 1 | C | |
| <i>Complete 2 courses:</i> | | | |
| AME 112: Computational Thinking for Digital Culture OR AME 130: Prototyping Dreams (L) OR AME 230: Programming for the Media Arts (CS) | 6 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 210: Brief Calculus (MA) | 3 | C | |
|  Maintain 3.00 GPA in Digital Culture coursework. | | | |
|  Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |



| Term 2 16 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| AME 112: Computational Thinking for Digital Culture OR AME 130: Prototyping Dreams (L) OR AME 230: Programming for the Media Arts (CS) | 3 | C | <ul style="list-style-type: none"> • All Digital Culture majors must have a minimum 3.00 Digital Culture GPA at the end of Term 2 to continue in the program. If a student's Digital Culture GPA is below a 3.00, the student will be placed on a probationary status for one term. If the student is not successful in raising their Digital Culture GPA to a 3.00 after the probationary term, the student will not be able to continue in the Digital Culture program. • Students interested in costuming should take THP 214. All others should take THP 213. • Join a student club or professional organization. |
| Lower Division Digital Culture Flexible Elective | 3 | C | |
| THP 213: Introduction to Technical Theatre OR THP 214: Introduction to Costuming | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Milestone: GPA First-Year Review | | | |
| Term hours subtotal: | 16 | | |



| Term 3 32 - 48 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| THF 215: Design and Composition for Theatre and Film | 3 | C | <ul style="list-style-type: none"> • Digital Media - Arts & Design courses are classes that include digital media projects within a trans-disciplinary area of study. See course list or talk to your advisor for specific course options. • Build your skills. |
| Digital Media - Media Arts & Design OR Digital Culture Studies | 3 | C | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Natural Science - Quantitative (SQ) (PHY 101 recommended) | 4 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
|  Complete Mathematics (MA) requirement. | | | |
| Complete First-Year Composition requirement. | | | |
| Complete MAT 210 course. | | | |
| Term hours subtotal: | | | |



Term hours subtotal: 16

| Term 4 48 - 63 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  Digital Media - Media Arts & Design OR Digital Culture Studies | 3 | C | |
| History/Theory Course | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Elective | 2 | | |
| Term hours subtotal: | 15 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  Upper Division Digital Culture Studies | 3 | C | |
| Upper Division Digital Culture Studies OR Related Digital Culture Course | 3 | C | |
| Upper Division Digital Media - Media Arts & Design OR Upper Division Digital Culture Studies | 3 | C | |
| Upper Division Theatre Design Course I | 3 | C | |
| Elective OR AME 484: Internship | 3 | | |
| Term hours subtotal: | 15 | | <ul style="list-style-type: none"> • Related Digital Culture courses are selective electives that allow students to take courses in an area of interest that connects to their study of Digital Culture and personal career interests. • Build a digital portfolio. |

| Term 6 78 - 93 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  Upper Division Digital Culture Studies | 3 | C | |
| Upper Division Digital Media - Media Arts & Design OR Upper Division Digital Culture Studies | 3 | C | |
| Upper Division History/Theory Course | 3 | C | |
| Upper Division Theatre Design Course II | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
|  Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | <ul style="list-style-type: none"> • Students may take THP 301 with department consent, however it will need to be taken 3 times to fulfill a Theatre Design Course II requirement. • Explore an internship. |

| Term 7 93 - 108 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  AME 485: Digital Culture Capstone I | 3 | C | |
| Upper Division Digital Culture Studies | 3 | C | |
| Upper Division Related Digital Culture Course OR Upper Division Digital Media - Media Arts & Design | 3 | C | |
| Upper Division Theatre Design Course I | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 15 | | <ul style="list-style-type: none"> • All Digital Culture majors must have a minimum 3.00 Digital Culture GPA to meet graduation requirements. If you are not meeting this GPA requirement, please see your advisor. • Gather professional references. |

| Term 8 108 - 120 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  AME 486: Digital Culture Capstone II | 3 | C | |
| Upper Division Digital Culture Studies | 3 | C | |
| Upper Division Digital Media - Media Engineering | 3 | C | |
| Term hours subtotal: | 15 | | <ul style="list-style-type: none"> • Students may take THP 301 with department consent, however it will need to be taken 3 times to fulfill a Theatre Design Course II requirement. |

Term hours subtotal: 12

Hide Course List(s)/Track Group(s)

| Digital Culture Flexible Elective | Digital Culture Studies Course List | Digital Media - Media Arts & Design Course List |
|------------------------------------|---|---|
| AME OR MDC Lower Division Elective | AME 210: Media Editing | ART 116: Introduction to Digital Media |
| | AME 220: Programming for the Web | ART 206: Digital Photography I |
| | AME 240: Introduction to Physical Computing | ART 217: Introduction to Computer Animation |
| | AME 244: Introduction to Interactive Environments | ART 218: 3D Tools |
| | AME 294: Circuit Bending | ART 308: 2D Digital Animation |
| | AME 294: Design Politics | ART 312: Illustration |
| | AME 294: Soundscape Ecology | ART 346: 3-D Computer Imaging and Animation (CS) |
| | AME 310: Media Literacies and Composition | ART 348: Animation Motion Studies |
| | AME 320: Motion Capture for Integrative Systems | ART 394: Digital Photography for Non-Majors |
| | AME 330: Digital-Physical Systems | ART 424: Stop Motion Animation |
| | AME 394: Special Topics | ART 438: Moving and Interactive Systems in Sculpture |
| | AME 411: Advanced Interactive Sound | ART 440: Experimental Video Art |
| | AME 430: Mac Development for Media Arts | ART 494: Documentary Video Art |
| | AME 435: Mobile Development | ART 494: Visual Prototyping |
| | AME 444: Media Installations | CIS 300: Web Design and Development |
| | AME 470: Programming for Social and Interactive Media | CPI 111: Game Development I (CS) |
| | AME 494: Special Topics | DCE 294: HybridAction:PhysicalIntelligenceinDigitalCulture |
| | ART 116: Introduction to Digital Media | EDT 440: Creating and Marketing Mobile Apps |
| | ART 218: 3D Tools | FMP 225: Introduction to Visual Effects |
| | ART 378: Digital Textiles | FMP 240: Introduction to Animation for Film |
| | DCE 294: HybridAction:PhysicalIntelligenceinDigitalCulture | FMP 255: Media Authorship (CS) |
| | FSH 394: Fashion Design & Wearable Technology | FMP 294: Sound Design: From Hollywood to Independent Film |
| | MDC 211: Introduction to Digital Sound | FMP 394: Non-Linear Editing for Film and Media |
| | MDC 311: Composing and Performing for Hybrid Ensembles | GIT 135: Graphic Communications |
| | MDC 411: Advanced Interactive Sound | GIT 215: Introduction to Web Authoring |
| | | GIT 230: Digital Illustration in Publishing |
| | | GRA 294: Illustrator |
| | | GRA 294: InDesign |

GRA 294: Photoshop

IAP 103: Foundations I: Interdisciplinary Digital Media

IAP 104: Foundations I: Fundamentals of Sound Art

IAP 322: Multitrack Digital Recording

IAP 361: Digital Editing and Media Literacy (CS)

IAP 364: Documentaries

IAP 394: Motion Graphics & Animation

IAP 462: Games and Play

MDC 311: Composing and Performing for Hybrid Ensembles

| Digital Media - Media Engineering Course List | Related Digital Culture Course List | History/Theory Course List |
|---|---|---|
| AME 410: Interactive Materials | ALA OR AME OR ART OR CPI OR CSE OR EDS OR ENG OR ENT OR FIS OR FMP OR FMS OR FSH OR GIT OR GRA OR HDA OR HSE OR IAP OR IND OR INT OR MCO OR MDC OR MTC OR MUP OR MUS OR STS OR TEM OR THE OR THF OR THP OR TWC Elective | ALA 100: Introduction to Environmental Design (HU & H & G) |
| AME 430: Mac Development for Media Arts | | ALA 102: Landscapes and Sustainability (HU & G) |
| AME 435: Mobile Development | | APH 300: World Architecture I/Western Cultures (HU & H & G) |
| AME 470: Programming for Social and Interactive Media | | APH 313: History of Architecture I ((L or HU) & G & H) |
| EEE 307: Signal Processing for Digital Culture | | APH 314: History of Architecture II ((L or HU) & G & H) |
| | | ARA 202: Understanding Photographs |
| | | ARS 102: Art from Renaissance to Modernism (HU & H) |
| | | ARS 345: Art and Television |
| | | ARS 394: Anime |
| | | ARS 438: Art of the 20th Century I (HU & H) |
| | | ARS 439: Art of the 20th Century II (HU & H) |
| | | DCE 300: Moving Histories (HU) |
| | | DSC 101: Design Awareness (HU & G) |
| | | FMP 294: History of Film & Television Production |
| | | FMP 403: Independent Film (HU) |
| | | FMP 405: Film and Television: Pioneers Practices and Innovations (HU) |
| | | GRA 111: Graphic Design History I (HU) |
| | | GRA 112: Graphic Design History II |

IAP 304: Traditions of the Avant-Garde and Experimental Art (L or HU)

IAP 305: 20th and 21st Century Art Performance and Media (L or HU)

IND 316: 20th-Century Design I (HU & H)

IND 317: 20th-Century Design II (HU & H)

INT 111: Interior Design Issues and Theories (HU)

INT 310: History of Interior Design I (HU & H)

INT 311: History of Interior Design II (HU & H)

LPH 310: History of Landscape Architecture (HU & H)

LPH 311: 20th-Century Landscape Architecture (HU)

MUS 347: Jazz in America (HU & C)

MUS 354: Popular Music (HU)

MUS 356: Broadway and the American Musical (HU)

MUS 362: Rap Music and Hip Hop Culture (HU & C)

STS 303: History of Science and Technology (H)

THE 320: History of the Theatre I (HU & H)

THE 322: Theatre History and Culture (HU & H)

| Upper Division Theatre Design I Course List | Upper Division Theatre Design II Course List |
|--|---|
| THP 330: Costume Design | THP 301: Theatre Production |
| THP 340: Scene Design | THP 335: Advanced Stagecraft |
| THP 345: Lighting Design | THP 431: Advanced Costume Construction |
| THP 350: Sound Design | THP 442: Drawing |
| THP 355: Media Design for Performance | THP 444: Drafting for the Stage |
| THP 435: Technical Direction | THP 448: AutoCAD for Live Entertainment |
| THP 450: Theatre Organization and Management | THP 494: Materials for the Stage |
| THP 494: Art Direction | THP 494: Rigging for the Stage |
| | THP 494: Structural and Mechanical Design for the Stage |
| | THP 494: Vectorworks |

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 3.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.





2020 - 2021 Major Map





Environmental Design, BS




School/College: [Herberger Institute for Design and the Arts](#)



Location: [Tempe campus](#)

HIEDSBS

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  DSC 100: ASU Design Experience | 1 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. DSC 100 fulfills this requirement. • Join a student club or professional organization |
|  Design Culture and Literacy I | 3 | C | |
|  Design Fundamentals and Principles I | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 170: Precalculus (MA) | 3 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | C | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  Design Culture and Literacy II | 3 | C | <ul style="list-style-type: none"> • Please work with your academic advisor for Social and Behavioral Sciences (SB) General Studies course options related to your focus area. |
|  Design Fundamentals and Principles II | 3-4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Main Focus Area Elective | 3 | C | |
| Social-Behavioral Sciences (SB) (PSY 101 recommended) | 3 | C | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15-16 | | |

| Term 3 31 - 47 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  EDS 223: Design Thinking | 3 | C | <ul style="list-style-type: none"> • Develop your professional online presence. • The following courses are recommended to fulfill the Natural Science - Quantitative (SQ) requirement: BIO 100, OR PHY 101, OR PHY 111 and 113, OR GPH 111 and 112. |
| SOS 100: Introduction to Sustainability (G) | 3 | C | |
| Computer/Statistics/Quantitative Applications (CS) (INT 121 OR CIS 105 recommended) | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | C | |
|  Complete Mathematics (MA) requirement. | | | |
| Complete First-Year Composition requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 47 - 63 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  EDS 200: Design Literacy and Communication | 3 | C | |
| Main Focus Area Elective | 3 | C | |
| Literacy and Critical Inquiry (L) AND Historical Awareness (H) | 3 | C | |

| | |
|---|----|
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 |
| Elective | 3 |
| Term hours subtotal: | 16 |

| Term 5 63 - 78 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|------------------------|
| ★ GRA 440: Finding Purpose | 3 | C | • Develop your skills. |
| Upper Division Design History | 3 | C | |
| Complete 2 courses: | 6 | C | |
| Upper Division Main Focus Area Elective | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ ENG 301: Writing for the Professions (L) | 3 | | • Complete an in person or virtual practice interview |
| Upper Division Design Entrepreneurship | 3 | C | |
| Upper Division Design History | 3 | C | |
| Upper Division Main Focus Area Elective | 3 | C | |
| Upper Division Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|----------------------------------|
| ★ EDS 301: Sustainable Community Design and Practices | 3 | C | • Gather professional references |
| ★ EDS 401: Environmental Design Synthesis I | 3 | C | |
| Upper Division Main Focus Area Elective | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ EDS 402: Environmental Design Synthesis II | 3 | C | |
| Upper Division Main Focus Area Elective | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 12 | | |

Hide Course List(s)/Track Group(s)

| | | |
|--|---|--|
| Design Culture and Literacy I Course List (choose 1 course; 3 hours) | Design Fundamentals and Principles I Course List (choose 1 course; 3 hours) | Design Entrepreneurship (choose 1 course; 3 hours) |
| ALA 100: Introduction to Environmental Design (HU & H & G) | ALA 121: Design Fundamentals I | DSC 394: Design Entrepreneurship & Society |
| | GRA 121: Principles for Graphic Design I | DSC 494: Practice Management |

| | | |
|--|--|---|
| ALA 102: Landscapes and Sustainability (HU & G) | IND 120: Drawing for Industrial Design | |
| DSC 101: Design Awareness (HU & G) | INT 120: Design Fundamentals I | |
| GRA 101: Designing Life | INT 121: Introduction to Computer Modeling for Interior Design (CS) | |
| GRA 111: Graphic Design History I (HU) | | |
| GRA 112: Graphic Design History II | | |
| INT 111: Interior Design Issues and Theories (HU) | | |
| Design Culture and Literacy II Course List (choose 1 course; 3 hours) | Design Fundamentals and Principles II Course List (choose 1 course; 3-4 hours) | Design History Elective (Choose 2 courses; 6 hours) |
| ALA 100: Introduction to Environmental Design (HU & H & G) | ALA 122: Design Fundamentals II AND ALA 124: Design Fundamentals II Lecture | APH 300: World Architecture I/Western Cultures (HU & H & G) or APH 313: History of Architecture I ((L or HU) & G & H) |
| ALA 102: Landscapes and Sustainability (HU & G) | GRA 122: Principles for Graphic Design II | APH 314: History of Architecture II ((L or HU) & G & H) |
| COM 100: Introduction to Human Communication (SB) | GRA 225: Communication/Interaction Design Theory | APH 405: Contemporary Architecture and Urbanism 1970 to the Present (HU & H) |
| COM 110: Elements of Interpersonal Communication (SB) | GRA 294: Dynamic Visual Representation | APH 414: Great Cities ((L or HU) & H) |
| CON 101: Construction and Culture: a Built Environment (HU & H) | IND 121: Principles for Industrial Design I AND IND 122: Principles for Industrial Design II | APH 421: First Concepts: What is... The Writing Philosophy and Culture of Architecture (L or HU) |
| DSC 101: Design Awareness (HU & G) | INT 123: Introduction to Computer-Aided Design and Building Information Modeling | APH 461: Charles and Ray Eames (HU) |
| GRA 101: Designing Life | INT 221: Principles of Design AND INT 222: Design Fundamentals II Lecture | APH 494: The Image of Rome |
| GRA 111: Graphic Design History I (HU) | | IND 316: 20th-Century Design I (HU & H) |
| GRA 112: Graphic Design History II | | IND 317: 20th-Century Design II (HU & H) |
| INT 111: Interior Design Issues and Theories (HU) | | INT 310: History of Interior Design I (HU & H) |
| INT 131: Design and Human Behavior (SB) | | INT 311: History of Interior Design II (HU & H) |
| PHI 103: Principles of Sound Reasoning (L or HU) | | INT 415: Latin American Design |
| PHI 105: Intro to Ethics (HU) | | INT 494: Contemporary Design Issues in Europe |
| | | INT 494: Design and Context |
| | | LAP 485: International Field Studies (G) |
| | | LPH 310: History of Landscape Architecture (HU & H) |
| | | LPH 311: 20th-Century Landscape Architecture (HU) |
| Design Management Innovation and Strategy Focus (Choose 7 courses; 21 hours in the main focus area) | Design Environment and Sustainability Focus (Choose 7 courses; 21 hours in the main focus area) | |
| ACC 382: Accounting and Financial Analysis | ATE 361: Architectural Technology I | |

| | |
|---|--|
| ARA 396: Professional Practices for Design and the Arts | ATE 362: Architectural Technology II |
| COM 100: Introduction to Human Communication (SB) | ATE 452: Architectural Technology III |
| COM 110: Elements of Interpersonal Communication (SB) | CON 294: Deductive Logic Leadership/Management Techniques |
| COM 225: Public Speaking (L) | DSC 494: Economics of Building Design |
| COM 230: Small Group Communication (SB) | EDS 484: Internship |
| COM 250: Communication and the Workplace (SB) | GRA 401: Creative Environment |
| COM 259: Communication in Business and the Professions | IND 242: Materials and Design |
| COM 263: Elements of Intercultural Communication (SB & C & G) | IND 344: Human Factors in Design |
| COM 312: Communication Conflict and Negotiation | INT 341: Interior Codes: Public Welfare and Safety |
| CON 294: Deductive Logic Leadership/Management Techniques | INT 351: Ambient Environment |
| CON 494: Facilities Management Operations and Maintenance | INT 471: Facilities Management |
| DSC 494: Economics of Building Design | LAP 254: Plant Materials |
| DSC 494: Practice Management | LTC 343: Landscape Construction I |
| ECN 211: Macroeconomic Principles (SB) | LTC 344: Landscape Construction II |
| ECN 212: Microeconomic Principles (SB) | PHI 103: Principles of Sound Reasoning (L or HU) |
| ECN 382: Managerial Economics | PHI 105: Intro to Ethics (HU) |
| EDS 484: Internship | PHI 360: Business and Professional Ethics (HU) |
| ENT 290: Entrepreneurship: Opportunity to Impact | PUP 301: Introduction to Urban Planning (L) |
| FIN 380: Personal Financial Management | PUP 363: History of Planning |
| GRA 345: Design Rhetoric (L) | PUP 420: Theory of Urban Design (HU) |
| GRA 401: Creative Environment | SOS 111: Sustainable Cities ((HU or SB) & G) |
| HDA 210: Creativity and Innovation in Design and the Arts | SOS 300: Advanced Concepts and Integrated Approaches in Sustainability |
| HDA 252: Foundations Arts and Design Entrepreneurship | SOS 320: Society and Sustainability (L or SB) |
| HDA 420: Design and the Arts Business Administration | SOS 323: Sustainable Urban Dynamics |
| IND 242: Materials and Design | SOS 324: Sustainable Energy Technology and Systems |
| IND 344: Human Factors in Design | SOS 325: The Economics of Sustainability |
| IND 354: Principles of Product Design | |
| INT 471: Facilities Management | |

INT 472: Professional Practice for Interior Design

LES 380: Consumer Perspective of Business Law

MGT 380: Management and Strategy for Nonmajors

MKT 390: Essentials of Marketing

MKT 391: Essentials of Selling

MKT 395: Essentials of Advertising and Marketing Communication

PHI 103: Principles of Sound Reasoning (L or HU)

PHI 105: Intro to Ethics (HU)

PHI 306: Applied Ethics (HU)

PHI 360: Business and Professional Ethics (HU)

SOC 324: Work and the Workplace (SB & H)

THP 452: Arts Entrepreneurship Seminar

TWC 301: Fundamentals of Writing for Digital Media (L)

TWC 347: Written Communication for Managers (L)

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.


2020 - 2021 Major Map




Fashion, BA



School/College: Herberger Institute for Design and the Arts



Location: Tempe campus

HIFSHBA

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  ARA 101: ASU: The Art Experience | 1 | | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ARA 101: The Art Experience is required of all first-year art majors only. • Join a student club or professional organization. |
| ART 110: Drawing as Seeing and Thinking (HU) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| FSH 125: Survey of the Fashion Industry OR FSH 201: Textiles Survey | 3 | C | |
| Mathematics (MA) (MAT 142 recommended) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|  ARS 100: Introduction to Art (HU) OR ARS 300: Introduction to Art (HU) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| FSH 125: Survey of the Fashion Industry OR FSH 201: Textiles Survey | 3 | C | |
| INT 121: Introduction to Computer Modeling for Interior Design (CS) | 3 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 3 31 - 47 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| FSH 202: Fashion Construction | 3 | C | |
| FSH 203: Fashion Illustration | 3 | C | |
| FSH 208: Fashion Technology | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
|  Complete Mathematics (MA) requirement. | | | |
| Complete First-Year Composition requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 47 - 63 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  FSH 204: Social Aspects of Fashion (L or HU or SB) | 3 | C | <ul style="list-style-type: none"> • Build your professional connections -- join the ASU Mentor Network |
| FSH 206: Fashion Design | 3 | C | |

| | | |
|--|----|---|
| FSH 280: Fashion Merchandising | 3 | C |
| THE 430: History of Fashion I (HU) OR THE 431: History of Fashion II: 20th-Century Fashion | 3 | C |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | |
| Term hours subtotal: | 16 | |

| Term 5 63 - 78 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ Business & Merchandising Elective | 3 | C | <ul style="list-style-type: none"> Students may select a fashion elective from any of the three groups below (Apparel & Fashion Design, Business & Merchandising, or Fashion Studies & Creativity). |
| FSH 300: Global Fashion Industry (G) | 3 | C | |
| THE 430: History of Fashion I (HU) OR THE 431: History of Fashion II: 20th-Century Fashion | 3 | C | |
| Fashion Elective | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ FSH 397: Fashion Capstone Development | 1 | C | <ul style="list-style-type: none"> During FSH 397, students will work with a faculty mentor to develop their individual capstone project. Projects may range from an academic thesis to an applied project (or any combination of both). Students will execute their planned project the following semester to earn FSH 497 credit. Create a first draft resume. |
| ARA 396: Professional Practices for Design and the Arts OR FSH 394: Branding for Future Fashion Professionals | 3 | C | |
| FSH 435: Contemporary Fashion | 3 | C | |
| Upper Division Fashion Professional Practices | 1 | C | |
| Upper Division Literacy and Critical Inquiry (L) AND Historical Awareness (H) | 3 | | |
| Upper Division Elective | 4 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ FSH 497: Fashion Capstone | 3 | C | <ul style="list-style-type: none"> Students may select a fashion elective from any of the three groups below (Apparel & Fashion Design, Business & Merchandising, or Fashion Studies & Creativity). Gather professional references. Explore an internship; complete Internship Application Form to request course credit. |
| FSH 484: Internship | 3 | C | |
| Fashion Elective | 3 | C | |
| ARA OR ARE OR ARS OR ART OR FSH Upper Division Elective | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ FSH 497: Fashion Capstone OR Upper Division Fashion Elective | 3 | C | <ul style="list-style-type: none"> Students may select a fashion elective from any of the three groups below (Apparel & Fashion Design, Business & Merchandising, or Fashion Studies & Creativity). Research employment opportunities. |
| Upper Division Fashion Elective | 3 | C | |
| ARA OR ARE OR ARS OR ART OR FSH Upper Division Elective | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 12 | | |

- Students may select fashion electives from any of the following groups: Apparel & Fashion Design, Business & Merchandising, or Fashion Studies & Creativity.

Hide Course List(s)/Track Group(s)

| Fashion Studies & Creativity Electives | Business & Merchandising Electives | Apparel & Fashion Design Electives |
|---|---|---|
| AME 111: Introduction to Digital Culture (CS) | ACC 382: Accounting and Financial Analysis | ART 276: Fibers I |
| AME 210: Media Editing | DSC 394: Design Entrepreneurship & Society | ART 376: Weaving and Dyeing |
| AME 220: Programming for the Web | ECN 211: Macroeconomic Principles (SB) | ART 377: Surface to Form |
| AME 230: Programming for the Media Arts (CS) | ECN 212: Microeconomic Principles (SB) | ART 378: Digital Textiles |
| AME 240: Introduction to Physical Computing | ENG 301: Writing for the Professions (L) | FSH 394: Fashion Collection Development |
| AME 330: Digital-Physical Systems | ENT 290: Entrepreneurship: Opportunity to Impact | FSH 394: Fashion Construction II |
| AME 410: Interactive Materials | ENT 305: Principles of Entrepreneurship | FSH 394: Fashion Design II |
| AME 598: Body Matters: Palpability and Wearable Computing | ENT 340: Creativity and Innovation (L or HU) | FSH 394: Fashion Illustration II |
| ANP 394: Digital Modeling and Fabrication | ENT 360: Entrepreneurship and Value Creation | FSH 394: Fashion Technology II |
| ARA 460: Gallery Exhibitions | FIN 300: Fundamentals of Finance | FSH 394: Native American Fashion |
| ART 201: Photography I (HU) | FIN 331: Financial Markets and Institutions | FSH 494: Fashion Construction III |
| ART 204: Photography II: Black and White | FIN 380: Personal Financial Management | FSH 494: Fashion Design III |
| ART 205: Photography II: Color | FSH 394: Fashion Visual Merchandising | FSH 494: Fashion Technology III |
| ART 206: Digital Photography I | HDA 252: Foundations Arts and Design Entrepreneurship | |
| ART 207: Digital Photography II | HDA 420: Design and the Arts Business Administration | |
| ART 214: Figure Drawing | LES 380: Consumer Perspective of Business Law | |
| ART 314: Life Drawing II | MGT 310: Collaborative Team Skills | |
| ART 325: Figure Painting | MGT 380: Management and Strategy for Nonmajors | |
| ART 354: Screen Printing I | MGT 400: Cross-Cultural Management (C & G) | |
| ART 394: Special Topics | MGT 411: Leading Organizations | |
| ART 414: Life Drawing III | MGT 420: Human Resource Management | |
| ART 425: Intermediate Figure Painting | MGT 430: Negotiations | |
| ART 432: Neon Sculpture | MKT 300: Marketing and Business Performance | |
| ART 442: Art and Community | MKT 390: Essentials of Marketing | |
| ART 476: Advanced Textile Construction | MKT 391: Essentials of Selling | |
| ART 479: 3-D Fibers: Construction and Content | | |

| | |
|---|---|
| CIS 300: Web Design and Development | MKT 395: Essentials of Advertising and Marketing Communication |
| EDS 200: Design Literacy and Communication | MKT 396: Essentials of Services Marketing |
| EDS 223: Design Thinking | MKT 397: Essentials of Global Marketing |
| FSH 194: Special Topics | MKT 425: Global Marketing Management (G) |
| FSH 294: Special Topics | OGL 200: Introduction to Organizational Leadership (SB) |
| FSH 394: Special Topics | OGL 220: Behavioral Dynamics in Organizations (SB) |
| FSH 484: Internship | OGL 350: Diversity and Organizations (L & C) |
| FSH 492: Honors Directed Study | OGL 355: Leading Organizational Innovation and Change |
| FSH 493: Honors Thesis (L) | THP 351: Arts Management |
| FSH 494: Special Topics | THP 452: Arts Entrepreneurship Seminar |
| GRA 101: Designing Life | TWC 347: Written Communication for Managers (L) |
| GRA 225: Communication/Interaction Design Theory | |
| HDA 210: Creativity and Innovation in Design and the Arts | |
| HDA 310: Socially Engaged Practice | |
| IND 494: Textile Design | |
| THP 301: Costume Construction | |
| THP 330: Costume Design | |
| THP 331: Costume Construction | |
| THP 332: Makeup | |
| THP 394: Pattern Drafting for Theatre | |
| THP 431: Advanced Costume Construction | |
| THP 494: Costume Crafts | |
| THP 494: Costume Design II | |
| Fashion Professional Practices | Minor and Certificate programs that compliment Fashion: |
| ARA 396: Professional Practices for Design and the Arts | Business |
| FSH 394: Professional Practices for Fashion | Entrepreneurship and Innovation |
| | Media Analysis (Journalism) |
| | Sales and Marketing Essentials |
| | Second Language (such as French or Italian) |
| | Special Events Management |
| | Sustainability |
| | Review all 250+ minor and certificate programs here |

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.








2020 - 2021 Major Map

Film (Film and Media Production), BA

School/College: Herberger Institute for Design and the Arts

Location: Tempe campus

FAFLMBA

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes | |
|--|-------|---------------|---|-------|
|  THF 125: Orientation to Film, Dance and Theatre | 1 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. THF 125: Orientation to Theatre & Film fulfills this requirement for theatre and film majors. • FMP 250, FMS 100, and FMS 200 must be completed by term 4. • Minimum 3.00 Film Core GPA required for selective Film and Media Production concentration. • Join a student club or professional organization. | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | | |
| <i>Complete 2 courses:</i> FMP 250: Sex and Violence in Film and TV: Ethics Survey OR FMS 100: Introduction to Film (HU) OR FMS 200: Film History (L or HU) & H | 6 | C | | |
| THF 160: Introduction to Storytelling OR THF 215: Design and Composition for Theatre and Film | 3 | C | | |
| Mathematics (MA) | 3 | | | |
| Maintain 3.00 GPA in Theatre and Film courses. | | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | | |
| Term hours subtotal: | 16 | | | |
| <hr/> | | | | |
| Term 2 16 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | | Notes |
|  THF 126: School of Film, Dance and Theatre: First-Year Experience | 2 | C | <ul style="list-style-type: none"> • THF 160 and THF 215 must be completed by term 4. • Minimum 3.00 Film Core GPA required for selective Film and Media Production concentration. | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | | |
| FMP 250: Sex and Violence in Film and TV: Ethics Survey OR FMS 100: Introduction to Film (HU) OR FMS 200: Film History (L or HU) & H | 3 | C | | |
| THF 160: Introduction to Storytelling OR THF 215: Design and Composition for Theatre and Film | 3 | C | | |
| Elective | 3 | | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | | |
| Maintain 3.00 GPA in Theatre and Film courses. Minimum 2.50 GPA ASU Cumulative. | | | | |
| Term hours subtotal: | 14 | | | |
| <hr/> | | | | |
| Term 3 30 - 46 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes | |
|  FMP 201: Film: The Creative Process I (HU) OR FMP 261: Principles of Screenwriting | 3 | C | <ul style="list-style-type: none"> • Students interested in the film and media production concentration may apply for admission the semester they are completing the film core. For information on the | |
| THF 220: Principles of Dramatic Analysis (L or HU) | 3 | C | | |
| Computer/Statistics/Quantitative Applications (CS) (FMP 255 recommended) | 3 | | | |
| Natural Science - Quantitative (SQ) | 4 | | | |

Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) OR Social-Behavioral Sciences (SB) AND Global Awareness (G) 3

- ◆ Complete Mathematics (MA) requirement.
 - Complete First-Year Composition requirement.
 - Maintain 3.00 GPA in Theatre and Film courses.
 - Minimum 2.50 GPA ASU Cumulative.
- Term hours subtotal: 16

application, interview, and portfolio review process, visit [Film and Media Production - Admission Requirements](#)

- Minimum 3.00 Film Core GPA required for selective Film and Media Production concentration.
- Establish [career interests](#).

| Term 4 46 - 62 Credit Hours Critical course signified by ◆ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

- | | | | |
|--|----|---|---|
| ◆ FMP 201: Film: The Creative Process I (HU) OR FMP 261: Principles of Screenwriting | 3 | C | <ul style="list-style-type: none"> • Students interested in the film and media production concentration may apply for admission the semester they are completing the film core. For information on the application, interview, and portfolio review process, visit Film and Media Production - Admission Requirements. • Minimum 3.00 Film Core GPA required for selective Film and Media Production concentration. • Develop soft skills. |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) OR Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| ◆ Complete FMP 250 AND FMS 100 AND FMS 200 course(s). | | | |
| ◆ Complete THF 160 AND THF 215 course(s). | | | |
| ◆ Complete THF 220 course(s). | | | |
| Maintain 3.00 GPA in Theatre and Film courses. | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 5 62 - 77 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

- | | | | |
|---|----|---|--|
| ★ FMP 300: Film Production: Film & Media Part I | 3 | C | <ul style="list-style-type: none"> • Begin aligning your degree with your career goals. |
| FMP 220: Film and Media Post-Production I | 3 | C | |
| THF 101: Acting Introduction OR THP 194: Understanding Acting OR THP 387: Screen Acting | 3 | | |
| Complete 2 courses: | | | |
| Upper Division Film Elective | 6 | C | |
| Maintain 3.00 GPA in Theatre and Film courses. | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 6 77 - 91 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

- | | | | |
|---|---|---|--|
| ★ FMP 398: Capstone Development | 2 | C | |
| FMP 318: Directing for Film and Media I OR Film/Media Technology Course OR Producing Course | 3 | C | |
| FMP 320: Film and Media Post-Production II OR FMP 403: Independent Film (HU) | 3 | C | |
| FMP 380: Film Production Crew OR Film Elective | 1 | C | |
| Upper Division Film Elective | 2 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Maintain 3.00 GPA in Theatre and Film courses.

Minimum 2.50 GPA ASU Cumulative.

Term hours subtotal: 14

| Term 7 91 - 106 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ FMP 480: Film Production Capstone I | 3 | C | <ul style="list-style-type: none"> If on the Producing Track, the Upper Division Humanities, Arts and Design (HU) is fulfilled with FMP 403. Start networking. |
| FMP 418: Directing for Film and Media II OR Film/Media Technology Course | 3 | C | |
| Upper Division Film Elective | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Elective | 3 | | |
| Maintain 3.00 GPA in Theatre and Film courses. | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 8 106 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ FMP 481: Film Production Capstone II | 3 | C | <ul style="list-style-type: none"> Transfer students complete 1 additional hour of elective credit in term 8 to reach 120 hours because THF 125: Orientation to Film, Dance and Theatre (term 1) is not required for transfer students. |
| FMP 420: Film and Media Post-Production III OR Producing Course | 3 | C | |
| Complete 2 courses: | | | |
| Upper Division Film Elective | 5 | C | |
| Upper Division Elective | 3 | | |
| Maintain 3.00 GPA in Theatre and Film courses. | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 14 | | |

Hide Course List(s)/Track Group(s)

| Producing Course Options | Film/Media Technology Course Options | Film Electives |
|--|--|---|
| FMP 318: Directing for Film and Media I | FMP 220: Film and Media Post-Production I | FMP 294: Special Topics |
| FMP 330: Professional and Technical Writing for Film/TV Industry | FMP 225: Introduction to Visual Effects | FMP 394: Special Topics |
| FMP 335: Careers in Film and Media Industry | FMP 240: Introduction to Animation for Film | FMP 404: World Cinema (G) |
| FMP 370: Producing for Film and Media | FMP 280: Introduction to Film and Media Production | FMP 405: Film and Television: Pioneers Practices and Innovations (HU) |
| FMP 417: Business and Legal Practices in Entertainment | FMP 320: Film and Media Post-Production II | FMP 494: Special Topics |
| FMP 418: Directing for Film and Media II | FMP 325: Guerilla VFX | THE 406: American Multicultural Film (HU & C) |
| FMP 475: Producing Series | FMP 345: Cinematography I | THE 421: Shakespeare: Stage and Film (L or HU) |
| FMP 484: Internship | FMP 380: Film Production Crew | THE 430: History of Fashion I (HU) |
| FMP 494: Welcome to Hollywood | FMP 394: Non-Linear Editing for Film and Media | |

| | | |
|---|--|--|
| FMP 494: Video Production Lab | FMP 420: Film and Media Post-Production III | THE 431: History of Fashion II: 20th-Century Fashion |
| HDA 252: Foundations Arts and Design Entrepreneurship | FMP 484: Internship | THP 330: Costume Design |
| THP 351: Arts Management | FMP 494: Video Production Lab | THP 350: Sound Design |
| | THP 213: Introduction to Technical Theatre | |
| | THP 214: Introduction to Costuming | |
| | THP 340: Scene Design | |
| | THP 345: Lighting Design | |
| | THP 355: Media Design for Performance | |
| | THP 442: Rendering for Design and Production | |
| | THP 444: Drafting for the Stage | |
| | THP 445: Advanced Lighting Design | |
| | THP 455: Advanced Media Design | |
| | THP 494: Art Direction | |
| | THP 494: Properties for the Stage | |

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 3.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map




Film (Filmmaking Practices), BA



School/College: Herberger Institute for Design and the Arts

Location: Tempe campus

FAFPRBA

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  THF 125: Orientation to Film, Dance and Theatre | 1 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. THF 125: Orientation to Theatre & Film fulfills this requirement for theatre and film majors. • Minimum 3.00 Film Core GPA required for highly selective Film and Media Production concentration. • Join a student club or professional organization. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| <i>Complete 2 courses:</i> FMP 250: Sex and Violence in Film and TV: Ethics Survey OR FMS 100: Introduction to Film (HU) OR FMS 200: Film History (L or HU) & H | 6 | C | |
| THF 160: Introduction to Storytelling OR THF 215: Design and Composition for Theatre and Film | 3 | C | |
| Mathematics (MA) | 3 | | |
| Maintain 2.50 GPA in Theatre and Film courses. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  THF 126: School of Film, Dance and Theatre: First-Year Experience | 2 | C | <ul style="list-style-type: none"> • Minimum 3.00 Film Core GPA required for highly selective Film and Media Production concentration. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| FMP 250: Sex and Violence in Film and TV: Ethics Survey OR FMS 100: Introduction to Film (HU) OR FMS 200: Film History (L or HU) & H | 3 | C | |
| THF 160: Introduction to Storytelling OR THF 215: Design and Composition for Theatre and Film | 3 | C | |
| Elective | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). Maintain 2.50 GPA in Theatre and Film courses. | | | |
| Term hours subtotal: | 14 | | |

| Term 3 30 - 46 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  FMP 201: Film: The Creative Process I (HU) OR FMP 261: Principles of Screenwriting | 3 | C | <ul style="list-style-type: none"> • Students interested in the Film and Media Production concentration may apply for admission the semester they are completing the Film core. See Film and Media Production major map. For information on the interview process, visit: Film and Media Production - Admission Requirements. |
| THF 220: Principles of Dramatic Analysis (L or HU) | 3 | C | |
| Computer/Statistics/Quantitative Applications (CS) (FMP 255 recommended) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) OR Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |

| |
|--|
| <ul style="list-style-type: none"> Complete Mathematics (MA) requirement. |
| Complete First-Year Composition requirement. |
| Maintain 2.50 GPA in Theatre and Film courses. |
| Term hours subtotal: 16 |

- Minimum 3.00 Film Core GPA required for highly selective Film and Media Production concentration.
- Establish **career interests**.

| Term 4 46 - 62 Credit Hours Critical course signified by ⚠ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| <ul style="list-style-type: none"> FMP 201: Film: The Creative Process I (HU) OR FMP 261: Principles of Screenwriting | 3 | C | <ul style="list-style-type: none"> • Students interested in the Film and Media Production concentration may apply for admission in the semester they are completing the Film core. See Film and Media Production major map. For information on the interview process, visit: Film and Media Production - Admission Requirements. • Minimum 3.00 Film Core GPA required for highly selective Film and Media Production concentration. • Develop soft skills. |
| Film Elective | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) OR Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Elective | 3 | | |
| <ul style="list-style-type: none"> Complete FMP 250 AND FMS 100 AND FMS 200 course(s). | | | |
| <ul style="list-style-type: none"> Complete THF 160 AND THF 215 course(s). | | | |
| <ul style="list-style-type: none"> Complete THF 220 course(s). | | | |
| Maintain 2.50 GPA in Theatre and Film courses. | | | |
| Term hours subtotal: 16 | | | |

| Term 5 62 - 77 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| <ul style="list-style-type: none"> FMP 300: Film Production: Filmmaking Practices OR Upper Division Screenwriting Course | 3 | C | <ul style="list-style-type: none"> • Upper Division Related Study Elective: Course cannot be from FMP, THE or THP prefixes; must have "film" in the title. • Begin aligning your degree with your career goals. |
| THF 101: Acting Introduction OR THP 194: Understanding Acting OR THP 387: Screen Acting | 3 | C | |
| Film Elective | 3 | C | |
| Upper Division Related Study Elective | 3 | C | |
| Upper Division Elective | 3 | | |
| Maintain 2.50 GPA in Theatre and Film courses. | | | |
| Term hours subtotal: 15 | | | |

| Term 6 77 - 91 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| <ul style="list-style-type: none"> FMP 380: Film Production Crew OR FMP 484: Internship | 1 | C | <ul style="list-style-type: none"> • Students must take 2 credit hours of either FMP 380 Film Production Crew or FMP 484 Internship by the end of term 8 to meet this requirement. |
| <ul style="list-style-type: none"> THF 397: Professional Development Seminar | 1 | C | |
| FMP 403: Independent Film (HU) | 3 | C | |
| Upper Division Screenwriting Course | 3 | C | |
| Producing Course | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| <ul style="list-style-type: none"> Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| <ul style="list-style-type: none"> Complete THF 101 OR THP 194: Understanding Acting OR THP 387 course(s). | | | |
| Maintain 2.50 GPA in Theatre and Film courses. | | | |
| Term hours subtotal: 14 | | | |

| Term 7 91 - 106 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|--|----|---|
| ★ FMP 380: Film Production Crew OR FMP 484: Internship | 1 | C |
| ★ THF 497: Senior Project | 2 | C |
| Complete 2 courses: | | |
| Upper Division Film Elective | 6 | C |
| Screenwriting Course OR Film/Media Technology Course | 3 | C |
| Upper Division Elective | 3 | |
| Maintain 2.50 GPA in Theatre and Film courses. | | |
| Term hours subtotal: | 15 | |

- Students must take 2 credit hours of either FMP 380 Film Production Crew or FMP 484 Internship to satisfy the requirement.
- Start **networking**.

| Term 8 106 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ THF 497: Senior Project | 2 | C | <ul style="list-style-type: none"> • Upper Division Related Study Elective: Course cannot be from FMP, THE or THP prefixes; must have "film" in the title. • Transfer students complete 1 additional hour of elective credit in term 8 to reach 120 hours because THF 125: Orientation to Film, Dance and Theatre (term 1) is not required for transfer students. |
| Upper Division Film Elective | 3 | C | |
| Upper Division Related Study Elective | 3 | C | |
| Complete 2 courses: | | | |
| Upper Division Elective | 6 | | |
| Maintain 2.50 GPA in Theatre and Film courses. | | | |
| Term hours subtotal: | 14 | | |

Hide Course List(s)/Track Group(s)

| Screenwriting Course Options | Producing Course Options | Film/Media Technology Course Options |
|--|--|--|
| FMP 361: Intermediate Screenwriting | FMP 300: Film Production: Filmmaking Practices | DCE 240: Media for Dance (CS) |
| FMP 365: Developing a Series | FMP 318: Directing for Film and Media I | DCE 438: Dance Theatre Performance/Production |
| FMP 465: Series Writers Workshop | FMP 330: Professional and Technical Writing for Film/TV Industry | FMP 220: Film and Media Post-Production I |
| FMP 475: Producing Series | FMP 335: Careers in Film and Media Industry | FMP 225: Introduction to Visual Effects |
| FMP 494: Writing the Feature | FMP 370: Producing for Film and Media | FMP 240: Introduction to Animation for Film |
| FMS 302: U.S. Media Now | FMP 417: Business and Legal Practices in Entertainment | FMP 280: Introduction to Film and Media Production |
| FMS 309: Intermediate Screenwriting | FMP 418: Directing for Film and Media II | FMP 320: Film and Media Post-Production II |
| FMS 340: Contemporary American Film and Popular Culture (HU) | FMP 494: Welcome to Hollywood | FMP 325: Guerilla VFX |
| FMS 394: Screenwriting for Television Part 1 | FMP 494: Video Production Lab | FMP 345: Cinematography I |
| FMS 409: Advanced Screenwriting | HDA 252: Foundations Arts and Design Entrepreneurship | FMP 394: Non-Linear Editing for Film and Media |
| FMS 409: Writing the Webisode | THP 351: Arts Management | FMP 494: Video Production Lab |
| FMS 411: Screenwriting Adaptation Studies | | THP 213: Introduction to Technical Theatre |
| FMS 412: Story Analysis for Film and Television | | THP 214: Introduction to Costuming |
| FMS 494: Film Adaptation | | THP 330: Costume Design |
| FMS 494: Screenwriting for Television Part 2 | | THP 340: Scene Design |
| THP 394: Writing for Horror SciFi and Fantasy | | THP 345: Lighting Design |

THP 350: Sound Design

THP 355: Media Design for Performance

THP 442: Rendering for Design and Production

THP 444: Drafting for the Stage

THP 445: Advanced Lighting Design

THP 455: Advanced Media Design

THP 494: Art Direction

THP 494: Properties for the Stage

Film Electives

FMP 294: Special Topics

FMP 394: Special Topics

FMP 404: World Cinema (G)

FMP 405: Film and Television: Pioneers Practices and Innovations (HU)

FMP 494: Special Topics

THE 406: American Multicultural Film (HU & C)

THE 421: Shakespeare: Stage and Film (L or HU)

THE 430: History of Fashion I (HU)

THE 431: History of Fashion II: 20th-Century Fashion

THP 452: Arts Entrepreneurship Seminar

THP 455: Advanced Media Design

FMP/THE/THP prefixes with "film" in course title

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 3.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)

- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.






2020 - 2021 Major Map





Graphic Design, BSD








School/College: Herberger Institute for Design and the Arts

Location: Tempe campus

ARGRABSD

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  DSC 100: ASU Design Experience | 1 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. Design majors complete DSC 100 to fulfill this requirement. • Join a student club or professional organization |
|  GRA 101: Designing Life | 3 | C | |
|  GRA 111: Graphic Design History I (HU) | 3 | C | |
|  GRA 121: Principles for Graphic Design I | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| PSY 101: Introduction to Psychology (SB) | 3 | C | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  GRA 112: Graphic Design History II | 3 | C | <ul style="list-style-type: none"> • Graphic Design majors must successfully pass a degree milestone at the end of their freshman year to continue in the degree program. Applying to pass the degree milestone requirement is competitive and limited by available resources. Selection is awarded to those applicants demonstrating the highest promise for professional success. Students who do not pass the degree milestone should meet with their academic advisor. For more information on the degree milestone application process, visit this website. |
|  GRA 122: Principles for Graphic Design II | 3 | C | |
| ARS 101: Art from Prehistory Through Middle Ages (HU & H) OR ARS 102: Art from Renaissance to Modernism (HU & H) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Mathematics (MA) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Minimum 2.75 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 3 31 - 46 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  GRA 220: Design Drawing I | 3 | C | <ul style="list-style-type: none"> • Develop your professional online presence. |
|  GRA 221: Letterform | 3 | C | |
|  GRA 222: Visual Communication I | 3 | C | |
|  GRA 225: Communication/Interaction Design Theory | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
|  Complete Mathematics (MA) requirement. | | | |
|  Milestone: Evaluation required. | | | |
| Complete First-Year Composition requirement. | | | |
| Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| | | Minimum | |
|--|--|---------|--|
|--|--|---------|--|

| Term 4 46 - 61 Credit Hours Critical course signified by 🚩 | Hours | Grade | Notes |
|---|-------|-------|--|
| 🚩 GRA 223: Typography | 3 | C | • Complete an in person or virtual practice interview |
| 🚩 GRA 224: Visual Communication II | 3 | C | |
| Computer/Statistics/Quantitative Applications (CS) (INT 121 recommended) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 2 | | |
| Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 5 61 - 76 Credit Hours Necessary course signified by ⭐ | Hours | Minimum Grade | Notes |
|---|-------|---------------|------------------------------|
| ⭐ GRA 321: Technology for Design I | 3 | C | • Develop your skills |
| ⭐ GRA 361: Visual Communication III | 5 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 6 76 - 90 Credit Hours Necessary course signified by ⭐ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ⭐ GRA 322: Technology for Design II | 3 | C | |
| ⭐ GRA 362: Visual Communication IV | 5 | C | |
| ARS 300: Introduction to Art (HU) | 3 | C | |
| GRA 345: Design Rhetoric (L) | 3 | C | |
| ⭐ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 14 | | |

| Summer 6 90 - 92 Credit Hours Necessary course signified by ⭐ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ⭐ GRA 484: Internship | 2 | Y | |
| Term hours subtotal: | 2 | | |

| Term 7 92 - 106 Credit Hours Necessary course signified by ⭐ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ⭐ GRA 421: Exhibit Design | 3 | C | • Gather professional references |
| ⭐ GRA 422: Motion Graphics and Interaction Design | 3 | C | |
| ⭐ GRA 461: Visual Communication V | 5 | C | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 14 | | |

| Term 8 106 - 120 Credit Hours Necessary course signified by ⭐ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ⭐ GRA 423: Advanced Interaction Design | 3 | C | |
| ⭐ GRA 424: Advanced Media | 3 | C | |

| | | |
|------------------------------------|----|---|
| ★ GRA 462: Visual Communication VI | 5 | C |
| Elective | 3 | |
| Minimum 3.00 GPA ASU Cumulative. | | |
| Term hours subtotal: | 14 | |

Hide Course List(s)/Track Group(s)

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 3.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map




Graphic Design, BSD



School/College: [Herberger Institute for Design and the Arts](#)




Location: [Online](#)




ARGRABSD






| Term 1 - A 0 - 7 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  DSC 100: ASU Design Experience | 1 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. Design majors complete DSC 100 to fulfill this requirement. • Join a student club or professional organization |
|  GRA 101: Designing Life | 3 | C | |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 7 | | |



| Term 1 - B 7 - 13 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  GRA 111: Graphic Design History I (HU) | 3 | C | <ul style="list-style-type: none"> • View ASU Online first-year student registration information here. |
|  GRA 121: Principles for Graphic Design I | 3 | C | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 6 | | |



| Term 2 - A 13 - 19 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  GRA 112: Graphic Design History II | 3 | C | <ul style="list-style-type: none"> • Graphic Design majors must successfully pass a degree milestone at the end of their first year to continue in the degree program. Applying to pass the degree milestone requirement is competitive and limited by available resources. Selection is awarded to those applicants demonstrating the highest promise for professional success. Students who do not pass the degree milestone should meet with their academic advisor. For more information on the degree milestone application process, visit this website. |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 6 | | |



| Term 2 - B 19 - 25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  GRA 122: Principles for Graphic Design II | 3 | C | |
| Mathematics (MA) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Minimum 2.75 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 6 | | |

| Term 3 - A 25 - 31 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  GRA 220: Design Drawing I | 3 | C | • Develop your professional online presence . |
|  GRA 221: Letterform | 3 | C | |
| Term hours subtotal: | 6 | | |




| Term 3 - B 31 - 37 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  GRA 222: Visual Communication I | 3 | C | |
|  GRA 225: Communication/Interaction Design Theory | 3 | C | |
|  Complete Mathematics (MA) requirement. | | | |
|  Milestone: Evaluation required. | | | |
| Complete First-Year Composition requirement. | | | |
| Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 6 | | |

| Term 4 - A 37 - 43 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  GRA 223: Typography | 3 | C | • Complete an in person or virtual practice interview |
| PSY 101: Introduction to Psychology (SB) | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 4 - B 43 - 50 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  GRA 224: Visual Communication II | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 7 | | |

| Term 5 - A 50 - 58 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  GRA 321: Technology for Design I | 3 | C | • GRA 361 is a Session C course (15 weeks long). • Develop your skills |
|  GRA 361: Visual Communication III | 5 | C | |
| Term hours subtotal: | 8 | | |

| Term 5 - B 58 - 64 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ARS 101: Art from Prehistory Through Middle Ages (HU & H) OR ARS 102: Art from Renaissance to Modernism (HU & H) | 3 | C | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 6 | | |

| Term 6 - A 64 - 72 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  GRA 322: Technology for Design II | 3 | C | • GRA 362 is a Session C course (15 weeks long). |
|  GRA 362: Visual Communication IV | 5 | C | |
| Term hours subtotal: | 8 | | |

| Term 6 - B 72 - 78 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | |
|--|---|---|
| ARS 300: Introduction to Art (HU) | 3 | C |
| GRA 345: Design Rhetoric (L) | 3 | C |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |
| Minimum 3.00 GPA ASU Cumulative. | | |
| Term hours subtotal: | 6 | |

| Summer 6 78 - 80 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ GRA 484: Internship | 2 | Y | |
| Term hours subtotal: | 2 | | |

| Term 7 - A 80 - 88 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ GRA 421: Exhibit Design | 3 | C | <ul style="list-style-type: none"> • GRA 461 is a Session C course (15 weeks long). • Gather professional references |
| ★ GRA 461: Visual Communication V | 5 | C | |
| Term hours subtotal: | 8 | | |

| Term 7 - B 88 - 94 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ GRA 422: Motion Graphics and Interaction Design | 3 | C | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 94 - 102 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ GRA 423: Advanced Interaction Design | 3 | C | <ul style="list-style-type: none"> • GRA 462 is a Session C course (15 weeks long). |
| ★ GRA 462: Visual Communication VI | 5 | C | |
| Term hours subtotal: | 8 | | |

| Term 8 - B 102 - 107 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ GRA 424: Advanced Media | 3 | C | |
| Elective | 2 | | |
| Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 5 | | |

| Term 9 - A 107 - 114 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 9 - B 114 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

Hide Course List(s)/Track Group(s)

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.





2020 - 2021 Major Map





Industrial Design, BSD








School/College: Herberger Institute for Design and the Arts

Location: Tempe campus

ARINDBSD

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  DSC 100: ASU Design Experience | 1 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. Design majors take DSC 100 to fulfill this requirement. • Join a student club or professional organization |
|  DSC 101: Design Awareness (HU & G) | 3 | C | |
|  IND 120: Drawing for Industrial Design | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 170: Precalculus (MA) | 3 | C | |
| PSY 101: Introduction to Psychology (SB) | 3 | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  IND 121: Principles for Industrial Design I | 3 | C | <ul style="list-style-type: none"> • Industrial Design majors must successfully pass a degree milestone at the end of their freshman year to continue in the degree program. Applying to pass the degree milestone requirement is competitive and limited by available resources. Selection is awarded to those applicants demonstrating the highest promise for professional success. Students who do not pass the degree milestone should meet with their academic advisor. For more information on the degree milestone application process, visit this website. |
|  IND 122: Principles for Industrial Design II | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ) | 4 | C | |
| Elective | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 47 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  DSC 236: Introduction to Computer Modeling (CS) | 3 | C | <ul style="list-style-type: none"> • Develop your professional online presence |
|  IND 227: Visual Methods for Problem Solving | 3 | C | |
|  IND 242: Materials and Design | 3 | C | |
|  IND 260: Industrial Design I | 3 | C | |
| ECN 212: Microeconomic Principles (SB) | 3 | | |
|  Complete Mathematics (MA) requirement. | | | |
|  Milestone: Evaluation required. | | | |
| Complete First-Year Composition requirement. Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 4 47 - 63 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | | |
|---|---|----|--|
| 🚩 IND 228: Imaging and Visualization | 3 | C | <ul style="list-style-type: none"> • Complete an in person or virtual practice interview |
| 🚩 IND 243: Design for Ecology and Social Equity | 3 | C | |
| 🚩 IND 261: Industrial Design II | 3 | C | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | | 16 | |

| Term 5 63 - 77 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ IND 327: Presentation Graphics | 3 | C | <ul style="list-style-type: none"> • Develop your skills |
| ★ IND 360: Industrial Design III | 5 | C | |
| IND 316: 20th-Century Design I (HU & H) | 3 | C | |
| IND 344: Human Factors in Design | 3 | C | |
| Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | | 14 | |

| Term 6 77 - 91 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ IND 328: Graphics for Industrial Design | 3 | C | <ul style="list-style-type: none"> • Summer Internship: students complete an internship between terms 6 and 7. |
| ★ IND 361: Industrial Design IV | 5 | C | |
| IND 317: 20th-Century Design II (HU & H) | 3 | C | |
| IND 354: Principles of Product Design | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | | 14 | |

| Summer 6 91 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ IND 484: Internship | 2 | Y | |
| Term hours subtotal: | | 2 | |

| Term 7 93 - 107 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ IND 460: Design Project I | 5 | C | <ul style="list-style-type: none"> • Summer Internship: students complete the internship between terms 6 and 7. • Gather professional references |
| ★ IND 470: Professional Practice for Industrial Design (L) | 3 | C | |
| MKT 395: Essentials of Advertising and Marketing Communication OR Upper Division Approved Marketing Course | 3 | | |
| Elective | 3 | | |
| Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | | 14 | |

| Term 8 107 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ IND 461: Design Project II | 5 | C | |
| ENG 301: Writing for the Professions (L) | 3 | | |
| Cultural Diversity in the U.S. (C) | 3 | | |

Elective

2

Minimum 3.00 GPA ASU Cumulative.

Term hours subtotal: 13

Hide Course List(s)/Track Group(s)

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 3.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.






2020 - 2021 Major Map







Interior Design, BSD






School/College: Herberger Institute for Design and the Arts

Location: Tempe campus






ARINTBSD

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  DSC 100: ASU Design Experience | 1 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. Design majors take DSC 100 to fulfill this requirement. • Join a student club or professional organization. |
|  INT 111: Interior Design Issues and Theories (HU) | 3 | C | |
|  INT 120: Design Fundamentals I | 3 | C | |
|  INT 121: Introduction to Computer Modeling for Interior Design (CS) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 170: Precalculus (MA) | 3 | C | |
| Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |




| Term 2 16 - 31 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  INT 123: Introduction to Computer-Aided Design and Building Information Modeling | 3 | C | <ul style="list-style-type: none"> • Interior Design majors must successfully pass a degree milestone at the end of their freshman year to continue in the degree program. Applying to pass the degree milestone requirement is competitive and limited by available resources. Selection is awarded to those applicants demonstrating the highest promise for professional success. Students who do not pass the degree milestone should meet with their academic advisor. For more information on the degree milestone application process, visit this website. |
|  INT 131: Design and Human Behavior (SB) | 3 | C | |
|  INT 221: Principles of Design | 3 | C | |
|  INT 222: Design Fundamentals II Lecture | 1 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Elective | 2 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 3 31 - 44 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  INT 223: Drafting for Interior Design | 3 | C | <ul style="list-style-type: none"> • Develop your professional online presence. |
|  INT 261: Interior Design Studio I: Residential | 3 | C | |
| PHY 101: Introduction to Physics (SQ) | 4 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
|  Complete Mathematics (MA) requirement. | | | |
|  Milestone: Evaluation required. | | | |
| Complete First-Year Composition requirement. Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 13 | | |



| | | Minimum | |
|--|--|---------|--|
|--|--|---------|--|



| Term 4 44 - 58 Credit Hours Critical course signified by  | Hours | Grade | Notes |
|---|-------|-------|---|
|  INT 253: Interior Materials, Finishes, and Specifications | 3 | C | <ul style="list-style-type: none"> • Complete an in person or virtual practice interview. |
|  INT 262: Interior Design Studio II: Hospitality | 3 | C | |
|  INT 341: Interior Codes: Public Welfare and Safety | 2 | C | |
| ARS 102: Art from Renaissance to Modernism (HU & H) | 3 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
|  Complete PHY 101 course(s). | | | |
| Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 14 | | |

| Term 5 58 - 72 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  INT 362: Interior Design Studio III: Hospitality and Retail | 5 | C | <ul style="list-style-type: none"> • Develop your skills. |
| INT 310: History of Interior Design I (HU & H) | 3 | C | |
| INT 351: Ambient Environment | 3 | C | |
| INT 352: Construction Methods in Interior Design | 3 | C | |
| Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 14 | | |

| Term 6 72 - 86 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  INT 363: Interior Design Studio IV | 5 | C | <ul style="list-style-type: none"> • Summer Internship: students complete an internship between terms 6 and 7. |
| INT 311: History of Interior Design II (HU & H) | 3 | C | |
| INT 354: Construction Documents | 3 | C | |
| Elective | 3 | | |
|  Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 14 | | |

| Summer 6 86 - 89 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|  INT 484: Internship | 3 | Y | |
| Term hours subtotal: | 3 | | |

| Term 7 89 - 104 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  INT 464: Interior Design Studio V: Work Environments | 5 | C | <ul style="list-style-type: none"> • Summer Internship: students complete an internship between terms 6 and 7. • Gather professional references. |
| INT 415: Latin American Design | 3 | C | |
| INT 471: Facilities Management | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 8 104 - 120 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|  INT 465: Interior Design Studio VI: Institutional Design | 5 | C | |

| | | |
|--|----|---|
| INT 472: Professional Practice for Interior Design | 2 | C |
| Upper Division Literacy and Critical Inquiry (L) | 3 | |
| Global Awareness (G) | 3 | |
| Elective | 3 | |
| Minimum 3.00 GPA ASU Cumulative. | | |
| Term hours subtotal: | 16 | |

Hide Course List(s)/Track Group(s)

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 3.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.





2020 - 2021 Major Map






Landscape Architecture, BSLA





School/College: Herberger Institute for Design and the Arts

Location: Tempe campus

ARPLABSLA

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ALA 100: Introduction to Environmental Design (HU & H & G) OR ALA 102: Landscapes and Sustainability (HU & G) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. Design majors take DSC 100 to fulfill this requirement. • Join a student club or professional organization. |
|  ALA 121: Design Fundamentals I | 3 | C | |
|  DSC 100: ASU Design Experience | 1 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 170: Precalculus (MA) | 3 | C | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ALA 100: Introduction to Environmental Design (HU & H & G) OR ALA 102: Landscapes and Sustainability (HU & G) | 3 | C | <ul style="list-style-type: none"> • Students must submit an Intent to Continue form toward the end of Term 2. This form is available on this website. |
|  ALA 122: Design Fundamentals II | 3 | C | |
|  ALA 124: Design Fundamentals II Lecture | 1 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 46 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  LAP 231: Introduction to Digital Applications for Designers | 3 | C | <ul style="list-style-type: none"> • Develop your professional online presence |
|  LDE 261: Landscape Architecture Design Fundamentals III | 4 | C | |
| GPH 111: Introduction to Physical Geography (SQ) AND GPH 112: Introduction to Physical Geography Lab (SQ) | 4 | | |
| LPH 310: History of Landscape Architecture (HU & H) | 3 | C | |
|  Complete Mathematics (MA) requirement. | | | |
| Complete First-Year Composition requirement. | | | |
| Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 14 | | |

| | | Minimum | |
|--|--|---------|--|
|--|--|---------|--|

| Term 4 46 - 60 Credit Hours Critical course signified by ⚠ | Hours | Grade | Notes |
|---|-------|-------|---|
| ⚠ LAP 254: Plant Materials | 3 | C | <ul style="list-style-type: none"> Complete an in-person or virtual practice interview. |
| ⚠ LDE 262: Landscape Architecture Design Fundamentals IV | 4 | C | |
| LPH 311: 20th-Century Landscape Architecture (HU) | 3 | C | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| ⚠ Complete GPH 111 AND GPH 112 course(s). | | | |
| Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 14 | | |

| Term 5 60 - 74 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ LDE 361: Landscape Architecture I | 5 | C | <ul style="list-style-type: none"> Develop your skills. |
| ★ LDE 363: Landscape Planting Design | 3 | C | |
| ★ LTC 343: Landscape Construction I | 3 | C | |
| LAP 352: Ecosystems and Sustainable Design | 3 | C | |
| Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 14 | | |

| Term 6 74 - 89 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ LAA 345: Professional Practice Seminar | 1 | C | <ul style="list-style-type: none"> Summer experience: Students complete LAP 484: Internship (optional) or LAP 485: International Field Studies with a passing grade in the summer between terms 6 and 7. |
| ★ LDE 362: Landscape Architecture II | 5 | C | |
| ★ LTC 344: Landscape Construction II | 3 | C | |
| LAP 332: GIS Applications in Environmental Design | 3 | C | |
| Upper Division Design Professional Elective | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Summer 6 89 - 91 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ LAP 484: Internship OR LAP 485: International Field Studies (G) | 2 | Y | |
| Term hours subtotal: | 2 | | |

| Term 7 91 - 106 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ LDE 461: Landscape Architecture III | 5 | C | <ul style="list-style-type: none"> Gather professional references. |
| LPH 411: Landscape Architecture Theory and Criticism (L) | 3 | C | |
| Upper Division Design Professional Elective | 3 | C | |
| Elective | 4 | | |
| Complete LAP 484 OR LAP 485 course(s). | | | |
| Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 8 106 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | |
|---------------------------------------|----|---|
| ★ LDE 462: Landscape Architecture IV | 5 | C |
| ★ LTC 446: Landscape Construction III | 3 | C |
| Literacy and Critical Inquiry (L) | 3 | |
| Elective | 3 | |
| Minimum 3.00 GPA ASU Cumulative. | | |
| Term hours subtotal: | 14 | |

Hide Course List(s)/Track Group(s)

Design Professional Elective

ADE OR ANP OR APH OR DSC OR GRA
OR IND OR INT OR LAP OR LDE OR LPH
OR LTC Upper Division Elective

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 3.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.







2020 - 2021 Major Map





Music, BA




School/College: [Herberger Institute for Design and the Arts](#)

Location: [Tempe campus](#)

FAMUSBA

| Term 1 0 - 17 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  Milestone: School of Music students must successfully complete an entrance audition into the major before enrolling at ASU. | | | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. MAT 142 or higher will fulfill this requirement. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. MUP 101: The ASU School of Music Experience is required of all freshman music majors. • Completion of Piano Diagnostic Exam determines placement into Class Piano courses. • Applicability of transfer credit for ensemble requirements and studio instruction is determined based on successful completion of audition and review of transcripts. • See course list for MUP 4** Music Ensemble options. • Courses offered in fall semester only: MTC 125, MUP 101, MUP 131. • Complete resume in MUP 101. |
|  Milestone: School of Music students must successfully complete the music theory diagnostic exam before enrolling in School of Music courses. | | | |
|  MUP 101: The ASU School of Music Experience | 1 | C | |
|  MUP 111: Studio Instruction | 2 | C | |
|  4** MUP Music Ensemble | 1 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MTC 125: Basic Music Theory | 3 | C | |
| MUP 131: Class Piano | 1 | C | |
| Mathematics (MA) | 3 | | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 17 | | |

| Term 2 17 - 33 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  MUP 111: Studio Instruction | 2 | C | <ul style="list-style-type: none"> • Applicability of transfer credit for ensemble requirements and studio instruction is determined based on successful completion of audition and review of transcripts. • See course list for MUP 4** Music Ensemble options. • Courses offered in spring semester only: MTC 221, MUP 132. • Familiarize yourself with information about musicians' health. |
|  4** MUP Music Ensemble | 1 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MHL 140: Sounds and Cultures (HU & G) | 3 | C | |
| MTC 221: Music Theory: 18th Century | 3 | C | |
| MUP 132: Class Piano | 1 | C | |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 33 - 48 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  MUP 111: Studio Instruction | 2 | C | <ul style="list-style-type: none"> • ASU Language Placement: Only true beginners are eligible for 101 level courses. All other students are required to take a |
|  4** MUP Music Ensemble | 1 | C | |

| | | |
|--|----|---|
| MTC 222: Music Theory: 19th Century | 3 | C |
| MUP 231: Class Piano | 1 | C |
| Second Language: Requirement satisfied through the following: * Completion of a language course through the intermediate level (202 or equivalent). | 4 | |
| Natural Science - Quantitative (SQ) | 4 | |
| ❖ Complete Mathematics (MA) requirement. | | |
| ❖ Complete MUP 131 by end of term 3. | | |
| Complete First-Year Composition requirement. | | |
| Term hours subtotal: | 15 | |

- placement exam, regardless of prior credit earned.
- Second Language: Consult with advisor for approved list. It is recommended for Second Language 101 and 102 to be completed by the end of term 4.
- Applicability of transfer credit for ensemble requirements and studio instruction is determined based on successful completion of audition and review of transcripts.
- See course list for MUP 4** Music Ensemble options.
- Courses offered in fall semester only: MTC 222, MUP 231.
- Talk to your studio instructor about ways to enhance your performance skills, and about appropriate ensemble and performance experiences.

| Term 4 48 - 63 Credit Hours Critical course signified by ❖ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ❖ MUP 111: Studio Instruction | 2 | C | <ul style="list-style-type: none"> • ASU Language Placement: Only true beginners are eligible for 101 level courses. All other students are required to take a placement exam, regardless of prior credit earned. • Applicability of transfer credit for ensemble requirements and studio instruction is determined based on successful completion of audition and review of transcripts. • See course list for MUP 4** Music Ensemble options. • Courses offered in spring semester only: MTC 223, MUP 232. • Select a faculty mentor to guide your degree work. |
| ❖ 4** MUP Music Ensemble | 1 | C | |
| MTC 223: Music Theory: 20th Century | 3 | C | |
| MUP 232: Class Piano | 1 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course through the intermediate level (202 or equivalent). | 4 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| ❖ Complete MUP 132 by end of term 4. | | | |
| Complete Second Language 101 and 102 by end of term 4. | | | |
| Term hours subtotal: | 15 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ MHL course (HU) Upper Division | 3 | C | <ul style="list-style-type: none"> • MTC 320 offered in odd numbered fall semesters only. |
| MTC 320: Modal Counterpoint OR MTC 321: Tonal Counterpoint | 2 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course through the intermediate level (202 or equivalent). | 4 | | |
| Computer/Statistics/Quantitative Applications (CS) (MHL 201 recommended) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| ★ Complete MUP 231 by end of term 5. | | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 91 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ MHL course (HU) Upper Division | 3 | C | <ul style="list-style-type: none"> • MTC 321 offered in even numbered spring semesters only. • Gather a list of professional references. |

| | | |
|--|----|---|
| ★ Second Language: Requirement satisfied through the following: * Completion of a language course through the intermediate level (202 or equivalent). | 4 | |
| MHL OR MTC OR MUP OR MUE OR MDC Upper Division Elective | 3 | C |
| Upper Division Elective OR MDC 484: Internship OR MHL 484: Internship OR MTC 484: Internship OR MUE 484: Internship OR MUP 484: Internship | 3 | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |
| ★ Complete MTC 320 OR MTC 321 by end of term 6. | | |
| ★ Complete MUP 232 by end of term 6. | | |
| Complete Second Language 201 and 202 by end of term 6. | | |
| Term hours subtotal: | 13 | |

| Term 7 91 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ MTC 422: Musical Acoustics | 3 | C | • Courses offered in fall semester only: MTC 422. |
| MHL course (L) Upper Division (MHL 439 OR MHL 440 recommended) | 3 | C | |
| MHL OR MTC Upper Division Elective | 3 | C | |
| MHL OR MTC OR MUP OR MUE OR MDC Upper Division Elective | 3 | C | |
| Elective | 2 | | |
| Term hours subtotal: | 14 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|------------------------------|
| ★ Complete 2 courses: MHL OR MTC Upper Division Elective | 6 | C | • Complete capstone project. |
| MHL Upper Division Elective | 3 | C | |
| MHL OR MTC OR MUP OR MUE OR MDC Upper Division Elective | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 15 | | |

Hide Course List(s)/Track Group(s)

| MUP Music Ensembles Course List | Upper Division MHL (HU) through present time course list: Choose 1 course (3 credits) | Upper Division MHL (HU) course list: Choose 1 course (3 credits) |
|----------------------------------|---|--|
| MUP 442: Instrumental Ensembles | MHL 342: Music History II (HU) | MHL 341: Music History I (HU) |
| MUP 443: Choral Ensembles | MHL 344: Music in World Cultures (HU & G) | MHL 342: Music History II (HU) |
| MUP 444: Concert Winds | MHL 394: Music in Renaissance Cities | MHL 344: Music in World Cultures (HU & G) |
| MUP 450: Choral Union | MHL 394: Music in the Middle East | MHL 394: Music in the Middle East |
| MUP 455: Arizona Statesmen | MHL 440: Topics in 20th-Century Music (L or HU) | MHL 394: Music in Renaissance Cities |
| MUP 457: Women's Chorus | MHL 494: Music and Healing | MHL 440: Topics in 20th-Century Music (L or HU) |
| MUP 458: ASU Gospel Choir | | |
| MUP 479: Chamber Music Ensembles | | |

MUP 485: Percussion Ensemble

MHL 494: Music of the Silk Road

MHL 494: Music and Healing

MUP 486: Jazz Band

MHL 494: Music of the Silk Road

MUP 489: Ethnomusicology Ensembles

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.











2020 - 2021 Major Map

Music (Music and Culture), BA

School/College: Herberger Institute for Design and the Arts

Location: Tempe campus

HIMUSMCBA

| Term 1 0 - 17 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  Milestone: School of Music students must successfully complete an entrance audition into the major before enrolling at ASU. | | | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. MAT 142 or higher will fulfill this requirement. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. MUP 101: The ASU School of Music Experience is required of all freshman music majors. • Applicability of transfer credit for ensemble requirements and studio instruction is determined based on successful completion of audition and review of transcripts. • Completion of Piano Diagnostic Exam determines placement into Class Piano courses. • See MHL faculty for approval of elective courses. • See course list for MUP 4** Music Ensemble course options. • Courses offered in fall semester only: MTC 125, MUP 131, MUP 101. • Complete resume in MUP 101. |
|  Milestone: School of Music students must successfully complete the music theory diagnostic exam before enrolling in School of Music courses. | | | |
|  MHL 140: Sounds and Cultures (HU & G) | 3 | C | |
|  MTC 125: Basic Music Theory | 3 | C | |
|  MUP 101: The ASU School of Music Experience | 1 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MUP 111: Studio Instruction OR Elective | 2 | C | |
| MUP 131: Class Piano | 1 | C | |
| 4** MUP Music Ensemble | 1 | C | |
| Mathematics (MA) | 3 | | |
| Term hours subtotal: | 17 | | |
| Term 2 17 - 33 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  MTC 221: Music Theory: 18th Century | 3 | C | <ul style="list-style-type: none"> • Applicability of transfer credit for ensemble requirements and studio instruction is determined based on successful completion of audition and review of transcripts. • MHL 499: Individualized study is done by arrangement with a musicology faculty member • See MHL faculty for approval of elective courses. • Courses offered in spring semester only: MTC 221, MUP 132. • Familiarize yourself with information about musicians' health. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MHL 499: Individualized Instruction | 1 | C | |
| MUP 111: Studio Instruction OR Elective | 2 | C | |
| MUP 132: Class Piano | 1 | C | |
| 4** MUP Music Ensemble | 1 | C | |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | | |
| Elective | 2 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |
| Term 3 33 - 49 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |

| | | |
|---|----|---|
| ⚠ MHL 499: Individualized Instruction | 1 | C |
| ⚠ MTC 222: Music Theory: 19th Century | 3 | C |
| MUP 111: Studio Instruction OR Elective | 2 | C |
| 4** MUP Music Ensemble | 1 | C |
| MUP Elective (MUP 231 recommended) | 1 | C |
| Second Language: Requirement satisfied through the following: | | |
| * Completion of a language course through the intermediate level (202 or equivalent). | 4 | |
| Natural Science - Quantitative (SQ) | 4 | |
| ⚠ Complete Mathematics (MA) requirement. | | |
| ⚠ Complete MUP 131 by end of term 3. | | |
| Complete First-Year Composition requirement. | | |
| Term hours subtotal: | 16 | |

- Second Language: Consult with advisor for approved list. It is recommended for Second Language 101 and 102 to be completed by the end of term 4.
- Applicability of transfer credit for ensemble requirements and studio instruction is determined based on successful completion of audition and review of transcripts.
- MHL 499: Individualized study done by arrangement with a musicology faculty member.
- See MHL faculty for approval of elective courses.
- Courses offered in fall semester only: MTC 222, MUP 231.
- Talk to your studio instructor about ways to enhance your performance skills, and about appropriate ensemble and performance experiences.

| Term 4 49 - 65 Credit Hours Critical course signified by ⚠ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ⚠ MHL 499: Individualized Instruction | 1 | C | <ul style="list-style-type: none"> • Applicability of transfer credit for ensemble requirements and studio instruction is determined based on successful completion of audition and review of transcripts. • MHL 499: Individualized study done by arrangement with a musicology faculty member. • See MHL faculty for approval of elective courses. • Courses offered in spring semester only: MTC 223, MUP 232. • Select a faculty mentor to guide your degree work. |
| ⚠ MTC 223: Music Theory: 20th Century | 3 | C | |
| MUP 111: Studio Instruction OR Elective | 2 | C | |
| 4** MUP Music Ensemble | 1 | C | |
| MUP Elective (MUP 232 recommended) | 1 | C | |
| Second Language: Requirement satisfied through the following: | | | |
| * Completion of a language course through the intermediate level (202 or equivalent). | 4 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| ⚠ Complete MUP 132 by end of term 4. | | | |
| ⚠ Complete Second Language 101 and 102 by end of term 4. | | | |
| ⚠ Milestone: Rising Junior Milestone Interview | | | |
| Term hours subtotal: | 16 | | |

| Term 5 65 - 82 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ MHL course (HU) Upper Division | 3 | C | <ul style="list-style-type: none"> • MHL 339: Individualized bibliography study with instructor of Upper Division MHL course and MHL 499: Individualized study by arrangement with a musicology faculty member. • Two upper division MHL electives are required: 1 music through present time and 1 freedom of choice approved by the musicology faculty. |
| MHL 339: Undergraduate Bibliography I | 1 | C | |
| MHL 499: Individualized Instruction | 1 | C | |
| Second Language: Requirement satisfied through the following: | | | |
| * Completion of a language course through the intermediate level (202 or equivalent). | 4 | | |
| Computer/Statistics/Quantitative Applications (CS) (MHL 201 recommended) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective OR MTC Upper Division Elective | 2 | C | |
| Complete Second Language 201 and 202 by end of term 6. | | | |
| Term hours subtotal: | 17 | | |

| | | | |
|--|--|----------------|--|
| | | Minimum | |
|--|--|----------------|--|

| Term 6 82 - 96 Credit Hours Necessary course signified by ★ | Hours | Grade | Notes |
|--|-------|-------|---|
| ★ MHL course (HU) Upper Division | 3 | C | <ul style="list-style-type: none"> • MHL 340: Individualized bibliography study with instructor of Upper Division MHL course and MHL 499: Individualized study by arrangement with a musicology faculty member. • Two upper division MHL electives are required: 1 music through present time and 1 freedom of choice approved by the musicology faculty. • Gather a list of professional references. |
| Second Language: Requirement satisfied through the following: | | | |
| ★ * Completion of a language course through the intermediate level (202 or equivalent). | 4 | | |
| MHL 340: Undergraduate Bibliography II | 1 | C | |
| MHL 499: Individualized Instruction | 1 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Upper Division Elective OR MTC Upper Division Elective | 2 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 14 | | |

| Term 7 96 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ MHL 490: Capstone Project I: Undergraduate Thesis Research OR MHL 492: Honors Directed Study | 3 | C | <ul style="list-style-type: none"> • MHL 490 or 492: Culminating original research project conducted with supervision of musicology faculty. |
| MHL OR MTC OR MUP OR MUE OR MDC Upper Division Elective | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective OR MHL 484: Internship OR MDC 484: Internship OR MTC 484: Internship OR MUE 484: Internship OR MUP 484: Internship | 3 | | |
| Term hours subtotal: | 12 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ MHL 491: Capstone Project II: Undergraduate Thesis OR MHL 493: Honors Thesis (L) | 3 | C | <ul style="list-style-type: none"> • MHL 491 or 493: Culminating original research project conducted with supervision of musicology faculty. • Complete capstone project. • Apply for full-time career opportunities. |
| MHL OR MTC OR MUP OR MUE OR MDC Upper Division Elective | 3 | C | |
| Complete 2 courses: Upper Division Elective | 6 | | |
| Term hours subtotal: | 12 | | |

Hide Course List(s)/Track Group(s)

| MUP Music Ensembles Course List | Upper Division MHL (HU) through present time course list: Choose 1 course (3 credits) | Upper Division MHL (HU) course list: Choose 1 course (3 credits) |
|----------------------------------|---|--|
| MUP 442: Instrumental Ensembles | MHL 342: Music History II (HU) | MHL 341: Music History I (HU) |
| MUP 443: Choral Ensembles | MHL 344: Music in World Cultures (HU & G) | MHL 342: Music History II (HU) |
| MUP 444: Concert Winds | MHL 394: Music in the Middle East | MHL 344: Music in World Cultures (HU & G) |
| MUP 450: Choral Union | MHL 440: Topics in 20th-Century Music (L or HU) | MHL 394: Music in the Middle East |
| MUP 455: Arizona Statesmen | MHL 494: Music and Healing | MHL 394: Music in Renaissance Cities |
| MUP 457: Women's Chorus | MHL 494: Music of the Silk Road | MHL 440: Topics in 20th-Century Music (L or HU) |
| MUP 458: ASU Gospel Choir | | |
| MUP 479: Chamber Music Ensembles | | |

MUP 485: Percussion Ensemble

MUP 486: Jazz Band

MUP 489: Ethnomusicology Ensembles

MHL 494: Music and Healing

MHL 494: Music of the Silk Road

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.








2020 - 2021 Major Map






Music (Popular Music), BA





School/College: Herberger Institute for Design and the Arts

Location: Tempe campus

HIMUSPMBA

| Term 1 0 - 15 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  Milestone: School of Music students must successfully complete an entrance audition into the major before enrolling at ASU. | | | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. MUP 101: The ASU School of Music Experience is required of all first-year music majors. • Completion of Piano Diagnostic Exam determines placement into Class Piano courses. • Applicability of transfer credit for ensemble requirements and studio instruction is determined based on successful completion of audition and review of transcripts. • Courses offered in fall semester only: MTC 125, MUP 101, MUP 131. • Complete resume in MUP 101. |
|  Milestone: School of Music students must successfully complete the music theory diagnostic exam before enrolling in School of Music courses. | | | |
|  MSC 443: Popular Music Forum | 1 | C | |
|  MUP 101: The ASU School of Music Experience | 1 | C | |
|  MUP 111: Studio Instruction | 2 | C | |
|  MUP 441: Popular Music Ensemble | 1 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MUP 131: Class Piano | 1 | C | |
| MTC 125: Basic Music Theory | 3 | C | |
| Mathematics (MA) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 2 15 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  MUP 111: Studio Instruction | 2 | C | <ul style="list-style-type: none"> • Applicability of transfer credit for ensemble requirements and studio instruction is determined based on successful completion of audition and review of transcripts. • Courses offered in spring semester only: MTC 221, MUP 132. • Familiarize yourself with information about musicians' health. |
|  MUP 441: Popular Music Ensemble | 1 | C | |
|  MSC 443: Popular Music Forum | 1 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MHL 140: Sounds and Cultures (HU & G) | 3 | C | |
| MUP 132: Class Piano OR MSC 221: Popular Music Lab: Rhythm Section | 1 | C | |
| MTC 221: Music Theory: 18th Century | 3 | C | |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 17 | | |

| Term 3 32 - 47 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  MUP 111: Studio Instruction | 2 | C | |
|  MSC 443: Popular Music Forum | 1 | C | |
|  4** MUP Music Ensemble (MUP 441 recommended) | 1 | C | |

| | | |
|---|----|---|
| MUP 231: Class Piano OR MSC 221: Popular Music Lab: Rhythm Section | 1 | C |
| MTC 222: Music Theory: 19th Century Literacy and Critical Inquiry (L) | 3 | C |
| Natural Science - Quantitative (SQ) | 4 | |
| ◆ Complete MUP 131 by end of term 3. | | |
| ◆ Complete Mathematics (MA) requirement. | | |
| Complete First-Year Composition requirement. | | |
| Term hours subtotal: | 15 | |

- Applicability of transfer credit for ensemble requirements and studio instruction is determined based on successful completion of audition and review of transcripts.
- Students intending a career in music industry should register for MSC 451 in term 3.
- See course list below for MUP 4** Music Ensemble course options.
- Courses offered in fall semester only: MTC 222, MUP 231.
- Participate in at least two ensemble performances.

| Term 4 47 - 64 Credit Hours Critical course signified by ◆ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ◆ MUP 111: Studio Instruction | 2 | C | <ul style="list-style-type: none"> • Applicability of transfer credit for ensemble requirements and studio instruction is determined based on successful completion of audition and review of transcripts. • Students intending a career in music industry should register for MSC 452 in term 4. • See course list below for MUP 4** Music Ensemble course options. • Courses offered in spring semester only: MTC 223, MUP 232. • Select a faculty mentor to guide your degree work. |
| ◆ MSC 443: Popular Music Forum | 1 | C | |
| ◆ 4** MUP Music Ensemble (MUP 441 recommended) | 1 | C | |
| MUP 232: Class Piano OR MSC 221: Popular Music Lab: Rhythm Section | 1 | C | |
| MTC 223: Music Theory: 20th Century | 3 | C | |
| Computer/Statistics/Quantitative Applications (CS) (MHL 201 recommended) | 3 | | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Elective | 3 | | |
| ◆ Milestone: Rising Junior Milestone Interview | | | |
| Term hours subtotal: | 17 | | |

| Term 5 64 - 80 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ MSC 443: Popular Music Forum | 1 | C | <ul style="list-style-type: none"> • Students must take 3 upper division MHL courses. Students must take one course each from the 1900-Present and Music + Geographies track groups, and one MHL elective. • Students must take 1 upper division MTC elective. • The upper division MHL and MTC courses may be taken in a different order than shown on the major map, however, they are all required. • In consultation with Faculty, students take four courses from the Popular Music Specialization track group. |
| ★ Upper Division MHL: Music History (1900-Present) | 3 | C | |
| MSC 451: Popular Music Industry Studies I | 2 | C | |
| Upper Division Popular Music Specialization | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Elective | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 6 80 - 95 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ MSC 443: Popular Music Forum | 1 | C | <ul style="list-style-type: none"> • Students must take 3 upper division MHL courses. Students must take one course each from the 1900-Present and Music + Geographies track groups, and one MHL elective. |
| ★ Upper Division MHL: Music History (Music + Geographies) | 3 | C | |
| MSC 452: Popular Music Industry Studies II | 2 | C | |
| Upper Division Popular Music Specialization | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) | 3 | | |

| | |
|--|----|
| Elective | 3 |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | |
| ★ Milestone: Rising Senior Milestone Interview | |
| Term hours subtotal: | 15 |

- Students must take 1 upper division MTC elective.
- The upper division MHL and MTC courses may be taken in a different order than shown on the major map, however, they are all required.
- In consultation with Faculty, students take four courses from the Popular Music Specialization track group.
- Gather a list of **professional references**.

| Term 7 95 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ MSC 443: Popular Music Forum | 1 | C | |
| ★ MSC 489: Popular Music Capstone Project | 3 | C | |
| Upper Division Popular Music Specialization | 3 | C | |
| MTC Upper Division Elective | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 13 | | |

- Students must take 3 upper division MHL courses. Students must take one course each from the 1900-Present and Music + Geographies track groups, and one MHL elective.
- Students must take 1 upper division MTC elective.
- The upper division MHL and MTC courses may be taken in a different order than shown on the major map, however, they are all required.
- In consultation with Faculty, students take four courses from the Popular Music Specialization track group.

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ MSC 489: Popular Music Capstone Project | 3 | C | |
| Upper Division Popular Music Specialization | 3 | C | |
| MHL Upper Division Elective | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 12 | | |

- Students must take 3 upper division MHL courses. Students must take one course each from the 1900-Present and Music + Geographies track groups, and one MHL elective.
- Students must take 1 upper division MTC elective.
- The upper division MHL and MTC courses may be taken in a different order than shown on the major map, however, they are all required.
- In consultation with Faculty, students take four courses from the Popular Music Specialization track group.
- Complete capstone project.

Hide Course List(s)/Track Group(s)

| | | |
|---------------------------------|---|---|
| MUP Music Ensembles Course List | Music History: 1900-Present | Music History: Music + Geographies |
| MUP 441: Popular Music Ensemble | MHL 342: Music History II (HU) | MHL 344: Music in World Cultures (HU & G) |
| MUP 442: Instrumental Ensembles | MHL 394: Pop Music and Race | MHL 394: Music in the Middle East |
| MUP 443: Choral Ensembles | MHL 440: Topics in 20th-Century Music (L or HU) | |

| | | |
|--|---|---|
| MUP 444: Concert Winds | MHL 494: American Aesthetics after 1960 | MHL 440: Topics in 20th-Century Music (L or HU) |
| MUP 450: Choral Union | MHL 494: Concerts in the 20th Century | |
| MUP 455: Arizona Statesmen | MHL 494: Jazz Musicians as Composers | MHL 494: Jazz Musicians as Composers |
| MUP 457: Women's Chorus | MHL 494: Music and Film | MHL 494: Music of the Silk Road |
| MUP 458: ASU Gospel Choir | MHL 494: Opera and Music Theater Since 1950 | |
| MUP 479: Chamber Music Ensembles | | |
| MUP 485: Percussion Ensemble | | |
| MUP 486: Jazz Band | | |
| MUP 489: Ethnomusicology Ensembles | | |
| Popular Music Specialization Course | | |
| IAP 321: Music Composition I | | |
| IAP 322: Multitrack Digital Recording | | |
| IAP 325: Sound Performance: Exploring Alternative Performance Groups | | |
| IAP 421: Composition: Process Technique and Style II | | |
| IAP 469: Advanced Audio Production | | |
| MSC 474: Popular Music Specialization | | |

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.

2020 - 2021 Major Map








Music Learning and Teaching, **BMUS**








School/College: Herberger Institute for Design and the Arts







Location: Tempe campus







FAMUSEBM





This program's name has changed effective Fall 2020. The previous name was Music Education.

| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  Milestone: School of Music students must successfully complete an entrance audition into the major before enrolling at ASU. | | | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. MUE 101: The ASU School of Music Experience required of all freshman music education majors. • Applicability of transfer credit for ensemble requirements and studio instruction is determined based on successful completion of audition and review of transcripts. • MUP 131: Class Piano must be taken rather than MUP 133: Class Voice unless piano is primary instrument. • Students may use up to 2 semesters of MUP 461: Marching and Athletic Bands towards degree (optional). • Courses offered fall semester only: MTC 125, MUE 101, MUP 131, MUP 133. • Complete resume in MUE 101. |
| Milestone: School of Music students must successfully complete the  music theory diagnostic exam before enrolling in School of Music courses. | | | |
|  MTC 125: Basic Music Theory | 3 | C | |
|  MUE 101: The ASU School of Music Experience | 1 | C | |
|  MUP 111: Studio Instruction | 2 | C | |
|  MUP 442: Instrumental Ensembles OR MUP 443: Choral Ensembles | 1 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MHL 140: Sounds and Cultures (HU & G) | 3 | C | |
| MUP 131: Class Piano OR MUP 133: Class Voice | 1 | C | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  MTC 221: Music Theory: 18th Century | 3 | C | <ul style="list-style-type: none"> • Applicability of transfer credit for ensemble requirements and studio instruction is determined based on successful completion of audition and review of transcripts. • Students are expected to perform in at least one large ensemble in semesters 1-4. • Apply for Identity Verified Print (IVP) fingerprint clearance card, required by state law for participation in internships in K-12 grade schools DPS IVP fingerprint clearance card. • Courses offered in spring semester only: MTC 221, MUE 110, MUE 154, MUP 132, MUP 134. • Familiarize yourself with information about musicians' health. |
|  MUE 110: Introduction to Music Education | 2 | C | |
|  MUE 154: Gesture and Sound | 1 | C | |
|  MUP 111: Studio Instruction | 2 | C | |
|  MUP 442: Instrumental Ensembles OR MUP 443: Choral Ensembles | 1 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MUP 132: Class Piano OR MUP 134: Class Voice | 1 | C | |
| Mathematics (MA) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 47 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  MTC 222: Music Theory: 19th Century | 3 | C | <ul style="list-style-type: none"> • Applicability of transfer credit for ensemble requirements and studio instruction is determined based on successful completion of audition and review of transcripts. • Refer to course list and consult with faculty mentor regarding MUE 3***: Lab Course selection. MUE 319 Digital and Hybrid Lab is required (can be taken during Term 3 or Term 4). • Courses offered in fall semester only: MTC 222, MUE 323, MUE 325. • Talk to your studio instructor about ways to enhance your performance skills; participate in at least two large ensemble performances. |
|  MUP 111: Studio Instruction | 2 | C | |
|  MUP 442: Instrumental Ensembles OR MUP 443: Choral Ensembles | 1 | C | |
|  Complete 2 courses: Upper Division MUE 3***: Lab Course | 4 | C | |
| MHL 201: Media Literacy for Musicians (CS) OR AME 111: Introduction to Digital Culture (CS) | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
|  Complete Mathematics (MA) requirement. Complete First-Year Composition requirement. | | | |
| Term hours subtotal: | 17 | | |

| Term 4 47 - 64 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  MTC 223: Music Theory: 20th Century | 3 | C | <ul style="list-style-type: none"> • Applicability of transfer credit for ensemble requirements and studio instruction is determined based on successful completion of audition and review of transcripts. • Meet with your Advisor early in the semester to submit an "Intent to Progress" form that notifies Teachers College you will be ready to enroll in your first internship the following term. You will upload a copy of your IVP FPC with this form, required by state law. Teachers College will then invite you to attend their mandatory Professional Pathways Orientation. • GCU 113 meets US and AZ Constitution requirements for teaching certification. • Refer to course list and consult with faculty mentor regarding MUE 3***: Lab Course selection. MUE 319 Digital and Hybrid Lab is required (can be taken during Term 3 or Term 4). • Courses offered in spring semester only: MTC 223, MUE 321. • Create and continue to add to a professional online portfolio. |
|  MUP 111: Studio Instruction | 2 | C | |
|  MUP 442: Instrumental Ensembles OR MUP 443: Choral Ensembles | 1 | C | |
|  Complete 2 courses: Upper Division MUE 3***: Lab Course | 4 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) (GCU 113 recommended) | 3 | | |
|  Milestone: All Music Education students must successfully complete the intent to progress application for the Teachers College Professional Pathways Program this semester. Milestone: All Music Education students must audition with Music Education Faculty during this term. Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 17 | | |

| Term 5 64 - 78 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  MUP 311: Studio Instruction | 2 | C | <ul style="list-style-type: none"> • Refer to course list and consult with faculty mentor regarding MUE 4***: Art of Teaching course selection. • Students are expected to perform in at least one large ensemble in semesters 5-7. • Please see Upper Division MHL course lists for options - at least 1 Upper Division MHL needs to be through present time. • Courses offered in fall semesters only: MUE 481. |
|  SED 396: Clinical Experience I | 1 | C | |
|  MHL course (HU) Upper Division | 3 | C | |
| MUP 442: Instrumental Ensembles OR MUP 443: Choral Ensembles | 1 | C | |
| TEL 315: Child and Adolescent Development (L or SB) | 3 | C | |
| Upper Division MUE 4***: The Art of Teaching course | 4 | B | |
| Minimum 2.50 GPA ASU Cumulative. | | | |

Term hours subtotal: 14

- Courses offered in rotations: MUE 413 (every fall and even springs), MUE 415 (every fall and odd springs).
- Gather a list of **professional references**.

| Term 6 78 - 94 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ MUP 311: Studio Instruction | 2 | C | <ul style="list-style-type: none"> • Refer to course list and consult with faculty mentor regarding MUE 4**: Art of Teaching course selection. • Please see Upper Division MHL course lists for options - at least 1 Upper Division MHL needs to be through present time. • Courses offered in spring semester only: MUE 480, MUE 482. • Courses offered in rotations: MUE 413 (every fall and even springs), MUE 415 (every fall and odd springs). • Complete internships at two different schools. |
| ★ SED 397: Clinical Experience II | 1 | C | |
| ★ MHL course (HU) Upper Division | 3 | C | |
| MUE 161: Introduction to Music Therapy | 2 | C | |
| MUP 442: Instrumental Ensembles OR MUP 443: Choral Ensembles | 1 | C | |
| Upper Division MUE 4**: The Art of Teaching course | 4 | B | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 7 94 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ MUP 311: Studio Instruction | 2 | C | <ul style="list-style-type: none"> • Refer to course list and consult with faculty mentor regarding MUE 4**: Art of Teaching course selection. |
| ★ SED 496: Clinical Experience III | 1 | C | |
| BLE 407: SEI for Secondary Students (L) | 3 | C | |
| MUP 442: Instrumental Ensembles OR MUP 443: Choral Ensembles | 1 | C | |
| MUP 495: Performance | 0 | C | |
| Upper Division MUE 4**: The Art of Teaching course | 4 | B | |
| Elective | 3 | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 14 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ SED 478: Student Teaching: Secondary Education (Grades 6-12) | 12 | C | <ul style="list-style-type: none"> • Take the AEPA/NES Professional Knowledge Test in term 8 (secondary recommended; necessary for teacher certification). • Your student teaching residency requires a full-time commitment in the K-12th grade classroom for the semester. |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 12 | | |

Hide Course List(s)/Track Group(s)

| | | |
|--|---|--|
| The Art of Teaching course list: Choose 3 courses (12 hours) | MUE Lab course list: Choose 4 courses (8 hours) | Upper Division MHL (HU) course list: Choose 1 course (3 credits) |
| | Required: | MHL 341: Music History I (HU) |

| | | |
|---|---------------------------------|---|
| MUE 413: The Art of Teaching Children Music | MUE 319: Digital and Hybrid Lab | MHL 342: Music History II (HU) |
| MUE 415: The Art of Teaching Contemporary Musicians | Choose 3 additional courses: | MHL 344: Music in World Cultures (HU & G) |
| MUE 480: The Art of Teaching Choral Musicians | MUE 317: Strings Lab | MHL 394: Music in Renaissance Cities |
| MUE 481: The Art of Teaching Beginning Instrumentalists | MUE 321: Jazz Lab | MHL 394: Music in the Middle East |
| MUE 482: The Art of Teaching Advanced Instrumentalists | MUE 323: Keyboard Lab | MHL 440: Topics in 20th-Century Music (L or HU) |
| | MUE 325: Voice/Choral Lab | MHL 494: Music and Healing |
| | MUE 327: Brass Lab | MHL 494: Music of the Silk Road |
| | MUE 334: Guitar Lab | |
| | MUE 336: Percussion Lab | |
| | MUE 337: Woodwinds Lab | |

Upper Division MHL (HU) through present time course list: Choose 1 course (3 credits)

- MHL 342: Music History II (HU)
- MHL 344: Music in World Cultures (HU & G)
- MHL 394: Music in the Middle East
- MHL 440: Topics in 20th-Century Music (L or HU)
- MHL 494: Music and Healing
- MHL 494: Music of the Silk Road

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.






2020 - 2021 Major Map




Music Therapy, BMUS



School/College: Herberger Institute for Design and the Arts

Location: Tempe campus

FAMUSTHBM

| Term 1 0 - 15 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  Milestone: School of Music students must successfully complete an entrance audition into the major before enrolling at ASU. | | | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • MUE 101: ASU School of Music Experience is required of all first-year music therapy majors. • Applicability of transfer credit for ensemble requirements and studio instruction is determined based on successful completion of audition and review of transcripts. • See course list below for MUP 4** Music Ensemble course options. Students should complete 4 large ensembles and 2 small ensembles. • For statistics, students may choose PSY 230 or STP 226; if students choose PSY 230, they must complete MAT 119 or higher for Mathematics (MA) requirement. • Courses offered in fall semester only: MTC 125, MUE 101, MUP 131. • Complete resume in MUE 101. |
|  Milestone: School of Music students must successfully complete the music theory diagnostic exam before enrolling in School of Music courses. | | | |
|  MUE 101: The ASU School of Music Experience | 1 | C | |
|  MUP 111: Studio Instruction | 2 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MTC 125: Basic Music Theory | 3 | C | |
| MUE 335: Educational Methods for Guitar | 1 | C | |
| MUP 131: Class Piano | 1 | C | |
| MUP 442: Instrumental Ensembles OR MUP 443: Choral Ensembles OR 4** MUP Music Ensemble | 1 | C | |
| Mathematics (MA) | 3 | C | |
| Term hours subtotal: | 15 | | |

| Term 2 15 - 31 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  MUP 111: Studio Instruction | 2 | C | <ul style="list-style-type: none"> • Applicability of transfer credit for ensemble requirements and studio instruction is determined based on successful completion of audition and review of transcripts. • See course list below for MUP 4** Music Ensemble course options. • Courses offered in spring semester only: MTC 221, MUP 132. • Familiarize yourself with information about musicians' health. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MHL 140: Sounds and Cultures (HU & G) | 3 | C | |
| MTC 221: Music Theory: 18th Century | 3 | C | |
| MUP 132: Class Piano | 1 | C | |
| MUP 442: Instrumental Ensembles OR MUP 443: Choral Ensembles OR 4** MUP Music Ensemble | 1 | C | |
| PSY 101: Introduction to Psychology (SB) | 3 | C | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 31 - 48 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  MUE 161: Introduction to Music Therapy | 2 | C | |

| | | |
|--|----|---|
| ❖ MUE 162: Introduction to Music Therapy Lab | 1 | C |
| ❖ MUP 111: Studio Instruction | 2 | C |
| CDE 232: Human Development (SB) | 3 | |
| MTC 222: Music Theory: 19th Century | 3 | C |
| MUP 133: Class Voice | 1 | C |
| MUP 231: Class Piano | 1 | C |
| MUP 442: Instrumental Ensembles OR MUP 443: Choral Ensembles OR 4** MUP Music Ensemble | 1 | C |
| SOC 101: Introductory Sociology (SB) | 3 | |
| ❖ Complete MTC 125 AND MUP 131. | | |
| ❖ Complete Mathematics (MA) requirement. | | |
| Complete First-Year Composition requirement. | | |
| Term hours subtotal: | 17 | |

- Applicability of transfer credit for ensemble requirements and studio instruction is determined based on successful completion of audition and review of transcripts.
- See course list below for MUP 4** Music Ensemble course options.
- Courses offered in fall semester only: MTC 222, MUE 162, MUP 133, MUP 231.
- Talk to your studio instructor about ways to enhance your performance skills; participate in at least two large ensemble performances.

| Term 4 48 - 64 Credit Hours Critical course signified by ❖ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ❖ MUE 261: Music Therapy Treatment Process | 3 | C | |
| ❖ MUP 111: Studio Instruction | 2 | C | |
| MTC 223: Music Theory: 20th Century | 3 | C | |
| MUE 260: Repertoire for Music Therapy | 2 | C | |
| MUP 134: Class Voice | 1 | C | |
| MUP 232: Class Piano | 1 | C | |
| MUP 442: Instrumental Ensembles OR MUP 443: Choral Ensembles OR 4** MUP Music Ensemble | 1 | C | |
| SPE 222: Orientation to Education of Exceptional Children (SB & C) | 3 | | |
| ❖ Complete MTC 221 AND MUP 132. | | | |
| Term hours subtotal: | 16 | | |

- Students must pass a jury in term 4 to be eligible for MUP 311.
- Applicability of transfer credit for ensemble requirements and studio instruction is determined based on successful completion of audition and review of transcripts.
- See course list below for MUP 4** Music Ensemble course options.
- Courses offered in spring semester only: MTC 223, MUE 260, MUE 261, MUP 134, MUP 232.
- Participate in clinical work at ASU's Music Therapy Clinic.

| Term 5 64 - 80 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ MUE 384: Therapy Practicum I | 1 | C | |
| ★ MUE 467: Music Therapy Theory and Practice I | 3 | C | |
| MHL course (HU) Upper Division | 3 | C | |
| MUP 209: Beginning Choral Conducting OR MUP 210: Beginning Instrumental Conducting | 1 | C | |
| MUP 442: Instrumental Ensembles OR MUP 443: Choral Ensembles OR 4** MUP Music Ensemble | 1 | C | |
| PSY 230: Introduction to Statistics (CS) OR STP 226: Elements of Statistics (CS) | 3 | | |
| PSY 366: Abnormal Psychology (SB) | 3 | | |
| Upper Division Advanced Performance Course | 1-2 | C | |
| ★ Complete MTC 222 AND MUP 231. | | | |
| Term hours subtotal: | 16-17 | | |

- Please see Upper Division MHL course lists for options - at least 1 Upper Division MHL needs to be through present time.
- A minimum of 4 hours of Advanced Performance is required. Students may complete this requirement by taking 4 hours of MUP 311: Studio Instruction or by substituting Advanced Performance classes toward this requirement - please refer to the Advanced Performance course list below for options.
- See course list below for MUP 4** Music Ensemble course options.
- Courses offered in fall semesters only: MUE 467.
- Gather a list of **professional references**.

| Term 6 80 - 94 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ MUE 385: Therapy Practicum II | 1 | C | |

| | | |
|--|-------|---|
| ★ MUE 463: Music Therapy Theory and Practice II | 3 | C |
| MHL Upper Division Elective | 3 | C |
| MUE 381: Music Therapy Research (L) | 3 | C |
| MUE 434: Health Rhythms Drum Facilitation | 2 | C |
| MUP 442: Instrumental Ensembles OR MUP 443: Choral Ensembles OR 4** MUP Music Ensemble | 1 | C |
| Upper Division Advanced Performance Course | 1-2 | C |
| ★ Complete MTC 223 AND MUP 232. | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |
| Term hours subtotal: | 14-15 | |

- Please see Upper Division MHL course lists for options - at least 1 Upper Division MHL needs to be through present time.
- A minimum of 4 hours of Advanced Performance is required. Students may complete this requirement by taking 4 hours of MUP 311: Studio Instruction or by substituting Advanced Performance classes toward this requirement - please refer to the Advanced Performance course list below for options.
- See course list below for MUP 4** Music Ensemble course options.
- Courses offered in spring semesters only: MUE 381, MUE 463.
- Complete two clinical experiences.

| Term 7 94 - 107 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | |
|--|-------|---|
| ★ MUE 386: Therapy Practicum III | 2 | C |
| BIO 160: Introduction to Anatomy and Physiology (SQ) | 4 | |
| MUE 441: Psychology of Music | 3 | C |
| MUE 475: Group Process and Music Therapy | 3 | C |
| Upper Division Advanced Performance Course | 1-2 | C |
| Term hours subtotal: | 13-14 | |

- A minimum of 4 hours of Advanced Performance is required. Students may complete this requirement by taking 4 hours of MUP 311: Studio Instruction or by substituting Advanced Performance classes toward this requirement - please refer to the Advanced Performance course list below for options.
- Courses offered in fall semester only: MUE 441, MUE 475.

| Term 8 107 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|---|-------|---|
| ★ MUE 387: Therapy Practicum IV | 2 | C |
| ★ MUE 476: Internship in Music Therapy | 1 | C |
| DCE Elective | 2 | |
| Upper Division Advanced Performance Course | 1-2 | C |
| Upper Division Literacy and Critical Inquiry (L) AND Historical Awareness (H) | 3 | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | |
| Term hours subtotal: | 13-14 | |

- A minimum of 4 hours of Advanced Performance is required. Students may complete this requirement by taking 4 hours of MUP 311: Studio Instruction or by substituting Advanced Performance classes toward this requirement - please refer to the Advanced Performance course list below for options.
- Complete clinical experiences and apply for a formal internship.
- Students register for MUE 476 (6-month internship) in the last semester and complete it after finishing all coursework for the degree. Degree is posted after completion of all requirements and the internship.

Hide Course List(s)/Track Group(s)

| | | |
|-------------------------------------|-------------------------------------|---|
| Advanced Performance Course List | 4** MUP Music Ensembles Course List | MHL Upper Division Elective through present time course list: Choose 1 course (3 credits) |
| MUP 311: Studio Instruction | MUP 442: Instrumental Ensembles | MHL 342: Music History II (HU) |
| MUP 321: Studio Instruction | MUP 443: Choral Ensembles | MHL 344: Music in World Cultures (HU & G) |
| MUP 417: Applied Jazz Improvisation | MUP 458: ASU Gospel Choir | MHL 365: Popular Music and Race |
| MUP 479: Piano Ensemble | MUP 479: Chamber Music Ensembles | |

MUP 485: Percussion Ensemble

MUP 486: Jazz Band

MUP 489: Ethnomusicology Ensembles

MHL 394: Music in the Middle East

MHL 440: Topics in 20th-Century Music (L or HU)

MHL 494: Concerts in the 20th Century

MHL 494: Music and Film

MHL 494: Music and Healing

MHL 494: Music of the Silk Road

Upper Division MHL (HU) course list: Choose 1 course (3 credits)

MHL 341: Music History I (HU)

MHL 342: Music History II (HU)

MHL 344: Music in World Cultures (HU & G)

MHL 394: Music in Renaissance Cities

MHL 394: Music in the Middle East

MHL 440: Topics in 20th-Century Music (L or HU)

MHL 494: Music and Healing

MHL 494: Music of the Silk Road

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.








2020 - 2021 Major Map






Performance (Collaborative Piano), **BMUS**





School/College: Herberger Institute for Design and the Arts

Location: Tempe campus

FAMUSPPBM

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  Milestone: School of Music students must successfully complete an entrance audition into the major before enrolling at ASU. | | | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. MAT 142 or higher will fulfill requirement. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. MUP 101: The ASU School of Music Experience is required of all freshman music majors. • Applicability of transfer credit for ensemble requirements and studio instruction is determined based on successful completion of audition and review of transcripts. • Courses offered fall semester only: MTC 125, MUP 101. • Complete resume in MUP 101. |
|  Milestone: School of Music students must successfully complete the music theory diagnostic exam before enrolling in School of Music courses. | | | |
|  MUP 101: The ASU School of Music Experience | 1 | C | |
|  MUP 127: Studio Instruction | 4 | C | |
|  MUP 479: Piano Ensemble | 1 | C | |
|  4** MUP Music Ensemble | 1 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MTC 125: Basic Music Theory | 3 | C | |
| Mathematics (MA) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  MUP 127: Studio Instruction | 4 | C | <ul style="list-style-type: none"> • Applicability of transfer credit for ensemble requirements and studio instruction is determined based on successful completion of audition and review of transcripts. • Courses offered in spring semester only: MTC 221. • Familiarize yourself with information about musicians' health. |
|  MUP 479: Piano Ensemble | 1 | C | |
|  4** MUP Music Ensemble | 1 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MHL 140: Sounds and Cultures (HU & G) | 3 | C | |
| MTC 221: Music Theory: 18th Century | 3 | C | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 3 31 - 47 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  MUP 127: Studio Instruction | 4 | C | <ul style="list-style-type: none"> • Applicability of transfer credit for studio instruction is determined based on successful completion of audition and review of transcripts. • Due to sequence of Music Theory courses, failure to successfully complete MTC 125 by end of term 3 will negatively impact ability to complete degree in four years. |
|  MUP 250: Diction for Singers | 1 | C | |
|  MUP 479: Piano Ensemble | 1 | C | |
| MTC 222: Music Theory: 19th Century | 3 | C | |
| Computer/Statistics/Quantitative Applications (CS) (MHL 201 recommended) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |

❖ Complete MTC 125 by end of term 3.

❖ Complete Mathematics (MA) requirement.

Complete First-Year Composition requirement.

Term hours subtotal: 16

- MUP 250 Italian Diction is offered in odd numbered fall semesters only.
- MUP 250 German Diction is offered in even numbered spring semesters only.
- MUP 250 French Diction is offered in even numbered fall semesters only.
- Courses offered in fall semester only: MTC 222.
- Talk to your studio instructor about ways to enhance your performance skills, and about appropriate ensemble and performance experiences.

| Term 4 47 - 61 Credit Hours Critical course signified by ❖ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ❖ MUP 127: Studio Instruction | 4 | C | <ul style="list-style-type: none"> • Applicability of transfer credit for studio instruction is determined based on successful completion of audition and review of transcripts. • Audition is required after term 4 to continue into MUP 337: Collaborative Piano Studio. • Courses offered in spring semester only: MTC 223. |
| MTC 223: Music Theory: 20th Century | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | | |
| ❖ Complete MTC 221 by end of term 4. | | | |
| Term hours subtotal: | 14 | | |

| Term 5 61 - 76 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ MUP 495: Performance | 0 | Y | <ul style="list-style-type: none"> • Course offered in fall semester only: MUP 210. |
| ★ MHL course (HU) Upper Division | 3 | C | |
| MUP 209: Beginning Choral Conducting OR MUP 210: Beginning Instrumental Conducting | 1 | C | |
| MUP 311: Studio Instruction | 2 | C | |
| MUP 337: Studio Instruction: Collaborative Piano | 2 | C | |
| MUP 388: Collaborative Piano | 1 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| ★ Complete MTC 222 by end of term 5. | | | |
| Term hours subtotal: | 15 | | |

| Term 6 76 - 91 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ MUP 495: Performance | 0 | Y | <ul style="list-style-type: none"> • MUP 453 offered in even spring semesters only. • MTC 428 and MUP 451: Piano Chamber Music offered in odd numbered spring semesters only. • Certain studios may require an additional semester of repertoire; please check with your studio professor. • Gather a list of professional references. |
| ★ MHL course (HU) Upper Division | 3 | C | |
| MTC 428: Advanced Form and Analysis | 3 | C | |
| MUP 311: Studio Instruction | 2 | C | |
| MUP 337: Studio Instruction: Collaborative Piano | 2 | C | |
| MUP 388: Collaborative Piano | 1 | C | |
| MUP 451: Piano Chamber Music | 2 | C | |
| MUP 453: Art Song Repertoire OR MHL OR MTC OR MUP OR MUE OR MDC Upper Division Elective | 2 | C | |
| ★ Complete MTC 223 by end of term 6. | | | |

★ Complete MUP 209 OR MUP 210 by end of term 6.

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal: 15

| Term 7 91 - 106 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ MUP 496: Performance | 0 | Y | • Prepare, publicize, and present a public performance. |
| MHL course (L) Upper Division | 3 | C | |
| MUP 311: Studio Instruction | 2 | C | |
| MUP 337: Studio Instruction: Collaborative Piano | 2 | C | |
| MUP 388: Collaborative Piano | 1 | C | |
| MUP 487: Collaborative Piano | 1 | C | |
| MHL OR MTC OR MUP OR MUE OR MDC Upper Division Elective | 3 | C | |
| MHL OR MTC OR MUP OR MUE OR MDC Elective | 3 | C | |
| Term hours subtotal: | 15 | | |

| Term 8 106 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes | |
|---|-------|---------------|---|--|
| ★ MUP 496: Performance | 0 | Y | • MUP 453 offered in odd spring semesters only. | |
| MUP 311: Studio Instruction | 2 | C | | |
| MUP 337: Studio Instruction: Collaborative Piano | 2 | C | | |
| MUP 388: Collaborative Piano | 1 | C | | |
| MUP 453: Art Song Repertoire OR MHL OR MTC OR MUP OR MUE OR MDC Upper Division Elective | 2 | C | | |
| Complete 2 courses: MHL OR MTC OR MUP OR MUE OR MDC Upper Division Elective | 4 | C | | |
| Elective OR MDC 484: Internship OR MHL 484: Internship OR MTC 484: Internship OR MUE 484: Internship OR MUP 484: Internship | 3 | | | |
| Term hours subtotal: | 14 | | | |

Hide Course List(s)/Track Group(s)

| MUP 4** Ensembles Course List | Upper Division MHL (HU) Pre-1900 course list: Choose 1 course (3 credits) | Upper Division MHL (HU) through present time course list: Choose 1 course (3 credits) |
|------------------------------------|---|---|
| MUP 443: Choral Ensembles | MHL 341: Music History I (HU) | MHL 342: Music History II (HU) |
| MUP 450: Choral Union | MHL 394: Music in Renaissance Cities | MHL 344: Music in World Cultures (HU & G) |
| MUP 455: Arizona Statesmen | | MHL 394: Music in the Middle East |
| MUP 457: Women's Chorus | | MHL 440: Topics in 20th-Century Music (L or HU) |
| MUP 479: Chamber Music Ensembles | | MHL 494: Music and Healing |
| MUP 485: Percussion Ensemble | | MHL 494: Music of the Silk Road |
| MUP 486: Jazz Band | | |
| MUP 489: Ethnomusicology Ensembles | | |

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.







2020 - 2021 Major Map





Performance (Guitar), BMUS




School/College: Herberger Institute for Design and the Arts

Location: Tempe campus

FAMUSPGBM

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  Milestone: School of Music students must successfully complete an entrance audition into the major before enrolling at ASU. | | | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. MAT 142 or higher will fulfill requirement. • MUP 101: The ASU School of Music Experience required of all first-year music majors. • Completion of Piano Diagnostic Exam determines placement into Class Piano courses. • Applicability of transfer credit for ensemble requirements and studio instruction is determined based on successful completion of audition and review of transcripts. • Courses offered fall semester only: MTC 125, MUP 101, MUP 131. • Complete resume in MUP 101. |
|  Milestone: School of Music students must successfully complete the music theory diagnostic exam before enrolling in School of Music courses. | | | |
|  MUP 101: The ASU School of Music Experience | 1 | C | |
|  MUP 127: Studio Instruction | 4 | C | |
|  MUP 479: Guitar Ensemble | 1 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MTC 125: Basic Music Theory | 3 | C | |
| MUP 131: Class Piano | 1 | C | |
| Mathematics (MA) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  MUP 127: Studio Instruction | 4 | C | <ul style="list-style-type: none"> • Applicability of transfer credit for ensemble requirements and studio instruction is determined based on successful completion of audition and review of transcripts. • Courses offered in spring semester only: MTC 221, MUP 132. • Familiarize yourself with information about musicians' health. |
|  MUP 479: Guitar Ensemble | 1 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MHL 140: Sounds and Cultures (HU & G) | 3 | C | |
| MTC 221: Music Theory: 18th Century | 3 | C | |
| MUP 132: Class Piano | 1 | C | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 3 31 - 46 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  MUP 127: Studio Instruction | 4 | C | <ul style="list-style-type: none"> • Applicability of transfer credit for ensemble requirements and studio instruction is determined based on successful completion of audition and review of transcripts. |
|  MUP 479: Guitar Ensemble | 1 | C | |
| MTC 222: Music Theory: 19th Century | 3 | C | |
| MUP 231: Class Piano | 1 | C | |
| Computer/Statistics/Quantitative Applications (CS) (MHL 201 recommended) | 3 | | |

Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) 3

❖ Complete Mathematics (MA) requirement.

❖ Complete MTC 125 AND MUP 131 course(s).

Complete First-Year Composition requirement.

Term hours subtotal: 15

- Due to sequence of Music Theory courses, failure to successfully complete MTC 125 by end of term 3 will negatively impact ability to complete degree in four years.
- Courses offered in fall semester only: MTC 222, MUP 231.
- Talk to your studio instructor about ways to enhance your performance skills, and about appropriate ensemble and performance experiences.

| Term 4 46 - 61 Credit Hours Critical course signified by ❖ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ❖ MUP 127: Studio Instruction | 4 | C | <ul style="list-style-type: none"> • Applicability of transfer credit for ensemble requirements and studio instruction is determined based on successful completion of audition and review of transcripts. • For Music Elective options, please refer to Recommended Music Electives list. • Courses offered in spring semester only: MTC 223, MUP 232. |
| ❖ MUP 479: Guitar Ensemble | 1 | C | |
| MTC 223: Music Theory: 20th Century | 3 | C | |
| MUP 232: Class Piano | 1 | C | |
| MHL OR MTC OR MUP OR MUE OR MDC Elective | 3 | C | |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | | |
| ❖ Complete MTC 221 AND MUP 132 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 5 61 - 76 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ MHL course (HU) Upper Division | 3 | C | <ul style="list-style-type: none"> • One semester of counterpoint is required. Choose from MTC 320 (modal - odd fall semesters) or MTC 321 (tonal - even spring semesters). Complete by end of term 6. • Courses offered in fall semester only: MTC 320 (odd numbered fall semesters only), MUP 210. |
| ★ MUP 327: Studio Instruction | 4 | C | |
| ★ MUP 479: Guitar Ensemble | 1 | C | |
| MTC 320: Modal Counterpoint OR MTC 321: Tonal Counterpoint | 2 | C | |
| MUP 210: Beginning Instrumental Conducting OR MUP 209: Beginning Choral Conducting | 1 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| ★ Complete MTC 222 AND MUP 231 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 6 76 - 91 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ MHL course (HU) Upper Division | 3 | C | <ul style="list-style-type: none"> • MTC 321 is offered in even numbered spring semesters only. • Gather a list of professional references. |
| ★ MUP 327: Studio Instruction | 4 | C | |
| ★ MUP 479: Guitar Ensemble | 1 | C | |
| ★ MUP 495: Performance | 0 | Y | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| ★ Complete MTC 223 AND MUP 232 course(s). | | | |
| ★ Complete MTC 320 OR MTC 321. | | | |
| Term hours subtotal: | 15 | | |

| Term 7 91 - 107 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ MUP 327: Studio Instruction | 4 | C | <ul style="list-style-type: none"> • For Music Elective options, please refer to Recommended Music Electives list. • Prepare, publicize, and present a public performance. |
| ★ MUP 479: Guitar Ensemble | 1 | C | |
| MUP 481: Performance Pedagogy and Materials | 2 | C | |
| MHL course (L) Upper Division | 3 | C | |
| Complete 2 courses: MHL OR MTC OR MUP OR MUE OR MDC Upper Division Elective | 6 | C | |
| Term hours subtotal: | 16 | | |

| Term 8 107 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ MUP 327: Studio Instruction | 4 | C | <ul style="list-style-type: none"> • For Music Elective options, please refer to Recommended Music Electives list. |
| ★ MUP 479: Guitar Ensemble | 1 | C | |
| ★ MUP 496: Performance | 0 | Y | |
| MUP 451: Repertoire | 2 | C | |
| MHL OR MTC OR MUP OR MUE OR MDC Elective | 3 | C | |
| Elective OR MDC 484: Internship OR MHL 484: Internship OR MTC 484: Internship OR MUE 484: Internship OR MUP 484: Internship | 3 | | |
| Term hours subtotal: | 13 | | |

Hide Course List(s)/Track Group(s)

| Recommended Music Electives | Upper Division MHL (HU) through present time course list: Choose 1 course (3 credits) | Upper Division MHL (HU) course list: Choose 1 course (3 credits) |
|---|---|--|
| MHL 201: Media Literacy for Musicians (CS) | MHL 342: Music History II (HU) | MHL 341: Music History I (HU) |
| MHL 439: Topics in 19th-Century Music (L & H) | MHL 344: Music in World Cultures (HU & G) | MHL 342: Music History II (HU) |
| MHL 440: Topics in 20th-Century Music (L or HU) | MHL 394: Music in the Middle East | MHL 344: Music in World Cultures (HU & G) |
| MUP 340: Intermediate Conducting | MHL 440: Topics in 20th-Century Music (L or HU) | MHL 394: Music in Renaissance Cities |
| MUP 451: Repertoire | MHL 494: Music and Healing | MHL 394: Music in the Middle East |
| | MHL 494: Music of the Silk Road | MHL 440: Topics in 20th-Century Music (L or HU) |
| | | MHL 494: Music and Healing |
| | | MHL 494: Music of the Silk Road |

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)

Total Community College Hrs: 64 maximum

- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.









2020 - 2021 Major Map







Performance (Jazz), BMUS





School/College: Herberger Institute for Design and the Arts

Location: Tempe campus

FAMUSPJBM

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  Milestone: School of Music students must successfully complete an entrance audition into the major before enrolling at ASU. | | | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. MAT 142 or higher will fulfill this requirement. • MUP 101: The ASU School of Music Experience is required of all first-year music majors. • Completion of Piano Diagnostic Exam determines placement into Class Piano courses. • Applicability of transfer credit for ensembles and studio instruction is determined based on successful completion of audition and review of transcripts. • Courses offered fall semester only: MTC 125, MUP 101, MUP 131. • Complete resume in MUP 101. |
|  Milestone: School of Music students must successfully complete the music theory diagnostic exam before enrolling in School of Music courses. | | | |
|  MUP 101: The ASU School of Music Experience | 1 | C | |
|  MUP 111: Studio Instruction | 2 | C | |
|  MUP 117: Applied Jazz Improvisation | 1 | C | |
|  MUP 479: Jazz Combo | 1 | C | |
|  MUP 479: Jazz Studio Classes | 1 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MTC 125: Basic Music Theory | 3 | C | |
| MUP 131: Class Piano | 1 | C | |
| Mathematics (MA) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 33 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  MUP 111: Studio Instruction | 2 | C | <ul style="list-style-type: none"> • Applicability of transfer credit for ensembles and studio instruction is determined based on successful completion of audition and review of transcripts. • Courses offered in spring semester only: MTC 221, MTC 440, MUP 132. • Familiarize yourself with information about musicians' health. |
|  MUP 117: Applied Jazz Improvisation | 1 | C | |
|  MUP 479: Jazz Combo | 1 | C | |
|  MUP 479: Jazz Studio Classes | 1 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MHL 140: Sounds and Cultures (HU & G) | 3 | C | |
| MTC 221: Music Theory: 18th Century | 3 | C | |
| MTC 440: Jazz Theory and Ear Training | 2 | C | |
| MUP 132: Class Piano | 1 | C | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 17 | | |

| Term 3 33 - 47 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  MUP 111: Studio Instruction | 2 | C | <ul style="list-style-type: none"> • Applicability of transfer credit for ensembles and studio instruction is determined based on successful completion of audition and review of transcripts. |
|  MUP 217: Applied Jazz Improvisation | 2 | C | |
|  MUP 479: Jazz Combo | 1 | C | |

| | | |
|--|----|---|
| ❗ MUP 479: Jazz Studio Classes | 1 | C |
| MTC 222: Music Theory: 19th Century | 3 | C |
| MUP 235: Jazz Piano | 1 | C |
| Natural Science - Quantitative (SQ) | 4 | |
| ❗ Complete Mathematics (MA) requirement. | | |
| ❗ Complete MTC 125 AND MUP 131. | | |
| Complete First-Year Composition requirement. | | |
| Term hours subtotal: | 14 | |

- Due to sequence of Music Theory courses, failure to successfully complete MTC 125 by term 3 will negatively impact ability to complete degree in four years.
- Courses offered in fall semester only: MTC 222, MUP 235.
- Talk to your studio instructor about ways to enhance your performance skills, and about appropriate ensemble and performance experiences.

| Term 4 47 - 64 Credit Hours Critical course signified by ❗ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ❗ MUP 111: Studio Instruction | 2 | C | <ul style="list-style-type: none"> • Applicability of transfer credit for ensembles and studio instruction is determined based on successful completion of audition and review of transcripts. • Courses offered in spring semester only: MTC 223, MUP 236. |
| ❗ MUP 217: Applied Jazz Improvisation | 2 | C | |
| ❗ MUP 479: Jazz Combo | 1 | C | |
| ❗ MUP 479: Jazz Studio Classes | 1 | C | |
| MTC 223: Music Theory: 20th Century | 3 | C | |
| MUP 236: Jazz Piano | 1 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | | |
| ❗ Complete MTC 221 AND MUP 132. | | | |
| Term hours subtotal: | 17 | | |

| Term 5 64 - 80 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ MUP 311: Studio Instruction | 2 | C | <ul style="list-style-type: none"> • MTC 315 is offered in fall semesters only. |
| ★ MUP 417: Applied Jazz Improvisation | 2 | C | |
| ★ MHL course (HU) Upper Division | 3 | C | |
| MTC 315: Scoring for Instrumental Jazz Ensembles I | 2 | C | |
| MUP 479: Jazz Combo | 1 | C | |
| MHL OR MTC OR MUP OR MUE OR MDC Elective | 3 | C | |
| Computer/Statistics/Quantitative Applications (CS) (MHL 201 recommended) | 3 | | |
| ★ Complete MTC 222 AND MUP 235 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 6 80 - 95 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ MUP 311: Studio Instruction | 2 | C | <ul style="list-style-type: none"> • Courses offered in spring semester only: MTC 316, MUP 319. • Gather a list of professional references. |
| ★ MUP 417: Applied Jazz Improvisation | 2 | C | |
| ★ MUP 495: Performance | 0 | Y | |
| ★ MHL course (HU) Upper Division | 3 | C | |
| MTC 316: Scoring for Instrumental Jazz Ensembles II | 2 | C | |
| MUP 319: Advanced Audio Engineering in the Arts | 2 | C | |
| MUP 479: Jazz Combo | 1 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

★ Complete MTC 223 AND MUP 236 course(s).

Term hours subtotal: 15

| Term 7 95 - 107 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ MUP 311: Studio Instruction | 2 | C | • Prepare, publicize, and present a public performance. |
| MUP 486: Jazz Band | 1 | C | |
| MHL course (L) Upper Division | 3 | C | |
| MHL OR MTC OR MUP OR MUE OR MDC Elective | 3 | C | |
| Elective OR MDC 484: Internship OR MHL 484: Internship OR MTC 484: Internship OR MUE 484: Internship OR MUP 484: Internship | 3 | | |
| Term hours subtotal: | 12 | | |

| Term 8 107 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ MUP 311: Studio Instruction | 2 | C | • Course offered in spring semester only: MTC 441. |
| ★ MUP 495: Performance | 0 | Y | |
| MTC 441: Jazz Composition | 2 | C | |
| MUP 486: Jazz Band | 1 | C | |
| MHL OR MTC OR MUP OR MUE OR MDC Upper Division Elective | 2 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 13 | | |

Hide Course List(s)/Track Group(s)

| Upper Division MHL (HU) through present time course list: Choose 1 course (3 credits) | Upper Division MHL (HU) course list: Choose 1 course (3 credits) |
|---|--|
| MHL 342: Music History II (HU) | MHL 341: Music History I (HU) |
| MHL 344: Music in World Cultures (HU & G) | MHL 342: Music History II (HU) |
| MHL 394: Music in the Middle East | MHL 344: Music in World Cultures (HU & G) |
| MHL 440: Topics in 20th-Century Music (L or HU) | MHL 394: Music in Renaissance Cities |
| MHL 494: Music and Healing | MHL 394: Music in the Middle East |
| MHL 494: Music of the Silk Road | MHL 440: Topics in 20th-Century Music (L or HU) |
| | MHL 494: Music and Healing |
| | MHL 494: Music of the Silk Road |

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum

General University Requirements Legend
 General Studies Core Requirements:

Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.







2020 - 2021 Major Map





Performance (Keyboard), **BMUS**




School/College: Herberger Institute for Design and the Arts

Location: Tempe campus

FAMUSPKBM

| Term 1 0 - 15 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  Milestone: School of Music students must successfully complete an entrance audition into the major before enrolling at ASU. | | | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. Freshman music majors take MUP 101: The ASU School of Music Experience. • For MUP 4** Ensemble course options, choose from a variety of ensemble experiences including at least one semester of MUP 479: Piano/Strings/Woodwind/Brass and one semester of MUP 460: The Visiting Quartet Residency Program. Students receiving Music Scholarships should register for MUP 487 in Term 1. • Applicability of transfer credit for ensembles and studio instruction is determined based on successful completion of audition and review of transcripts. • Courses offered in fall semester only: MTC 125, MUP 101. • Complete resume in MUP 101. |
|  Milestone: School of Music students must successfully complete the music theory diagnostic exam before enrolling in School of Music courses. | | | |
|  MUP 101: The ASU School of Music Experience | 1 | C | |
|  MUP 127: Studio Instruction | 4 | C | |
|  MUP 4** Ensemble | 1 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MTC 125: Basic Music Theory | 3 | C | |
| Mathematics (MA) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 2 15 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  MUP 127: Studio Instruction | 4 | C | <ul style="list-style-type: none"> • Applicability of transfer credit for ensembles and studio instruction is determined based on successful completion of audition and review of transcripts. • For MUP 4** Ensemble course options, choose from a variety of ensemble experiences including at least one semester of MUP 479: Piano/Strings/Woodwind/Brass Ensemble and one semester of MUP 460: The Visiting Quartet Residency Program. • Course offered in spring semester only: MTC 221. • Familiarize yourself with information about musicians' health. |
|  MUP 4** Ensemble | 1 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MHL 140: Sounds and Cultures (HU & G) | 3 | C | |
| MTC 221: Music Theory: 18th Century | 3 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 17 | | |

| Term 3 32 - 47 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  MUP 127: Studio Instruction | 4 | C | <ul style="list-style-type: none"> • Applicability of transfer credit for ensembles and studio instruction is determined based on |
|  MUP 4** Ensemble | 1 | C | |

| | | |
|--|----|---|
| MTC 222: Music Theory: 19th Century | 3 | C |
| Computer/Statistics/Quantitative Applications (CS) (MHL 201 recommended) | 3 | |
| Natural Science - Quantitative (SQ) | 4 | |
| ❖ Complete Mathematics (MA) requirement. | | |
| ❖ Complete MTC 125. | | |
| Complete First-Year Composition requirement. | | |
| Term hours subtotal: | 15 | |

successful completion of audition and review of transcripts.

- For MUP 4** Ensemble course options, choose from a variety of ensemble experiences including at least one semester of MUP 479: Piano/Strings/Woodwind/Brass Ensemble and one semester of MUP 460: The Visiting Quartet Residency Program
- Due to sequence of Music Theory courses, failure to successfully complete MTC 125 by the end of term 3 will negatively impact ability to complete degree in four years.
- Courses offered in fall semester only: MTC 222.
- Talk to your studio instructor about ways to enhance your performance skills, and about appropriate ensemble and performance experiences.

| Term 4 47 - 62 Credit Hours Critical course signified by ❖ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ❖ MUP 127: Studio Instruction | 4 | C | |
| ❖ MUP 4** Ensemble | 1 | C | |
| MTC 223: Music Theory: 20th Century | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | | |
| ❖ Complete MTC 221. | | | |
| Term hours subtotal: | 15 | | |

- Applicability of transfer credit for ensembles and studio instruction is determined based on successful completion of audition and review of transcripts.
- For MUP 4** Ensemble course options, choose from a variety of ensemble experiences including at least one semester of MUP 479: Piano/Strings/Woodwind/Brass Ensemble and one semester of MUP 460: The Visiting Quartet Residency Program.
- Course offered in spring semester only: MTC 223.

| Term 5 62 - 77 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ MUP 327: Studio Instruction | 4 | C | |
| ★ MHL course (HU) Upper Division | 3 | C | |
| MTC 425: Studies in 20th-Century Theory | 3 | C | |
| MUP 209: Beginning Choral Conducting OR MUP 210: Beginning Instrumental Conducting | 1 | C | |
| MUP 451: Piano Lit I OR MUP 481: Piano: Beginner | 2 | C | |
| MUP 479: Piano Ensemble | 1 | C | |
| MUP 487: Collaborative Piano | 1 | C | |
| ★ Complete MTC 222. | | | |
| Term hours subtotal: | 15 | | |

- **Pedagogy and Repertoire:** Students must complete MUP 451 Piano Lit I, MUP 451 Piano Lit II, and MUP 481 Piano Beginner to complete this requirement. Courses can be taken in any order.
- **Students who enter in an odd catalog year will take the courses in this sequence:** MUP 451 Piano Lit I (odd fall, term 5), MUP 451 Piano Lit II (even spring, term 6), MUP 481 Piano Beginner (even fall, term 7).
- **Students who enter in an even catalog year will take the courses in this sequence:** MUP 481 Piano Beginner (even fall, term 5), MUP 451 Piano Lit I (odd fall, term 7), MUP 451 Piano Lit II (even spring, term 8).
- Courses offered in fall semester only: MTC 425, MUP 210, MUP 487.

| Term 6 77 - 92 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ MUP 327: Studio Instruction | 4 | C | |

| | | |
|--|----|---|
| ★ MUP 495: Performance | 0 | Y |
| ★ MHL course (HU) Upper Division | 3 | C |
| MUP 121: Organ OR MUP 121: Harpsichord | 1 | C |
| MUP 440: Keyboard Harmony | 1 | C |
| MUP 451: Piano Lit II OR MDC OR MHL OR MTC OR MUE OR MUP Upper Division Elective | 2 | C |
| MUP 479: Piano Ensemble | 1 | C |
| MDC OR MHL OR MTC OR MUE OR MUP Elective | 3 | C |
| ★ Complete MTC 223. | | |
| ★ Complete MUP 209 OR MUP 210. | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |
| Term hours subtotal: | 15 | |

- MUP 451 Piano Chamber Music (odd springs) and/or MUP 482 Intermediate (odd springs) recommended for upper division music elective.
- MUP 451 Piano Lit II is offered in even springs.
- Course offered in spring semester only: MUP 440 (odd numbered spring semesters only).
- Gather a list of **professional references**.

| Term 7 92 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | |
|--|----|---|
| ★ MUP 327: Studio Instruction | 4 | C |
| MHL course (L) Upper Division | 3 | C |
| MUP 451: Piano Lit I OR MUP 481: Piano: Beginner | 2 | C |
| MUP 487: Collaborative Piano | 1 | C |
| MDC OR MHL OR MTC OR MUE OR MUP Elective | 3 | C |
| Term hours subtotal: | 13 | |

- MUP 451 Piano Lit I is offered in odd-numbered fall semesters.
- MUP 481 Piano Beginner is offered in even-numbered fall semesters.
- Course offered in fall semester only: MUP 487.
- Prepare, publicize, and present a public performance.

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|--|----|---|
| ★ MUP 327: Studio Instruction | 4 | C |
| ★ MUP 496: Performance | 0 | Y |
| MUP 451: Piano Lit II OR MDC OR MHL OR MTC OR MUE OR MUP Upper Division Elective | 2 | C |
| MHL Upper Division Elective | 3 | C |
| MDC OR MHL OR MTC OR MUE OR MUP Upper Division Elective | 3 | C |
| Literacy and Critical Inquiry (L) | 3 | |
| Term hours subtotal: | 15 | |

- MUP 451 Piano Chamber Music (odd spring semesters) and/or MUP 482 Intermediate (odd spring semesters) recommended for upper division music elective.
- MUP 451 Piano Lit II is offered in even spring semesters.

Hide Course List(s)/Track Group(s)

| | | |
|---|---|---|
| MUP 4** Ensembles Course List | Upper Division MHL (HU) Pre-1900 course list: Choose 1 course (3 credits) | Upper Division MHL (HU) through present time course list: Choose 1 course (3 credits) |
| MUP 443: Choral Ensembles | | |
| MUP 450: Choral Union | MHL 341: Music History I (HU) | MHL 342: Music History II (HU) |
| MUP 455: Arizona Statesmen | MHL 394: Music in Renaissance Cities | MHL 344: Music in World Cultures (HU & G) |
| MUP 457: Women's Chorus | | MHL 394: Music in the Middle East |
| MUP 460: The Visiting Quartet Residency Program | | MHL 440: Topics in 20th-Century Music (L or HU) |

MUP 479: Chamber Music Ensembles

MUP 479: Piano Ensemble

MUP 479: Piano/String/Woodwind/Brass

MUP 485: Percussion Ensemble

MUP 486: Jazz Band

MUP 487: Collaborative Piano

MUP 489: Ethnomusicology Ensembles

MHL 494: Music and Healing

MHL 494: Music of the Silk Road

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.












2020 - 2021 Major Map

Performance (Music Theatre), **BMUS**

School/College: Herberger Institute for Design and the Arts

Location: Tempe campus

FAMUSPMBM

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  Milestone: School of Music students must successfully complete an entrance audition into the major before enrolling at ASU. | | | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. MAT 142 or higher will fulfill requirement. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. All freshman music majors take MUP 101: The ASU School of Music Experience to satisfy the First Year Seminar requirement. • Completion of Piano Diagnostic Exam determines placement into Class Piano courses. • Applicability of transfer credit for studio instruction is determined based on successful completion of audition and review of transcripts. • Music Theatre I - VIII must be taken in sequence in the semesters indicated. • Courses offered in fall semester only: MTC 125, MUP 101, MUP 131, MUP 170. • Complete resume in MUP 101. |
|  Milestone: School of Music students must successfully complete the music theory diagnostic exam before enrolling in School of Music courses. | | | |
|  MUP 101: The ASU School of Music Experience | 1 | C | |
|  MUP 111: Studio Instruction | 2 | C | |
|  MUP 170: Music Theatre I | 2 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MTC 125: Basic Music Theory | 3 | C | |
| MUP 131: Class Piano | 1 | C | |
| MUP 467: Music Theatre Dance Technique | 1 | C | |
| Mathematics (MA) | 3 | | |
| Term hours subtotal: | 16 | | |
| Term 2 16 - 34 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  MUP 111: Studio Instruction | 2 | C | <ul style="list-style-type: none"> • Applicability of transfer credit for studio instruction is determined based on successful completion of audition and review of transcripts. • Courses offered in spring semester only: MTC 221, MUP 132, MUP 172. • Familiarize yourself with information about musicians' health. |
|  MUP 172: Music Theatre II | 2 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MHL 140: Sounds and Cultures (HU & G) | 3 | C | |
| MTC 221: Music Theory: 18th Century | 3 | C | |
| MUP 132: Class Piano | 1 | C | |
| MUP 467: Music Theatre Dance Technique | 1 | C | |
| THF 101: Acting Introduction OR THP 102: Acting I: Fundamentals OR MUP 494: Music Theatre Acting and Movement | 3 | C | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 18 | | |
| Term 3 34 - 49 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |

| | | |
|---|----|---|
| ❖ MUP 111: Studio Instruction | 2 | C |
| ❖ MUP 270: Music Theatre III | 2 | C |
| ❖ MUP 373: Music Theatre Performance and Production | 1 | C |
| ❖ MUP 374: Technical Production I (Foundations) | 1 | C |
| ❖ DCE Movement Elective | 2 | C |
| MTC 222: Music Theory: 19th Century | 3 | C |
| MUP 231: Class Piano | 1 | C |
| Literacy and Critical Inquiry (L) | 3 | |
| ❖ Complete First-Year Composition requirement. | | |
| ❖ Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 15 | |

- Applicability of transfer credit for studio instruction is determined based on successful completion of audition and review of transcripts.
- MUP 373: Music Theatre majors must audition for all productions, adhere to departmental audition policies, and complete 10 technical hours per semester.
- DCE electives must be movement classes. For course recommendations, please consult DCE Movement Electives list below.
- Due to sequence of Music Theory courses, failure to successfully complete MTC 125 by end of term 3 will negatively impact ability to complete degree in four years.
- Courses offered in fall semester only: MTC 222, MUP 231, MUP 270.
- Talk to your studio instructor about ways to enhance your performance skills, and about appropriate ensemble and performance experiences.

| Term 4 49 - 64 Credit Hours Critical course signified by ❖ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ❖ MUP 111: Studio Instruction | 2 | C | <ul style="list-style-type: none"> • Applicability of transfer credit for studio instruction is determined based on successful completion of audition and review of transcripts. • MUP 373: Music Theatre majors must audition for all productions, adhere to departmental audition policies, and complete 10 technical hours per semester. • DCE electives must be movement classes. For course recommendations, please consult DCE Movement Electives list below. • Courses offered in spring semester only: MTC 223, MUP 272. |
| ❖ MUP 272: Music Theatre IV | 2 | C | |
| ❖ MUP 373: Music Theatre Performance and Production | 1 | C | |
| ❖ MUP 374: Technical Production II (Practicum) | 1 | C | |
| ❖ DCE Movement Elective | 2 | C | |
| MTC 223: Music Theory: 20th Century | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 15 | | |

| Term 5 64 - 80 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ MUP 311: Studio Instruction | 2 | C | <ul style="list-style-type: none"> • MUP 373: Music Theatre majors must audition for all productions, obtain permission to participate in off-campus productions, and complete 10 technical hours per semester. • DCE electives must be movement classes. For course recommendations, please consult DCE Movement Electives list below. • Courses offered in fall semester only: MUP 360, MUP 370, MUP 471. |
| ★ MUP 370: Music Theatre V | 2 | C | |
| ★ MUP 373: Music Theatre Performance and Production | 1 | C | |
| ★ MHL course (HU) Upper Division | 3 | C | |
| MUP 360: Musicianship for Singers | 1 | C | |
| MUP 471: Audition Training (Musical Theatre) | 1 | C | |
| DCE Movement Elective | 2 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Term hours subtotal: | 16 | | |

| Term 6 80 - 94 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ MUP 311: Studio Instruction | 2 | C | |

| | | |
|--|-------|---|
| ★ MUP 373: Music Theatre Performance and Production | 1 | C |
| ★ MUP 465: Music Theatre VI | 2 | C |
| ★ MHL course (HU) Upper Division | 3 | C |
| MUP 451: Music Theatre Repertoire | 2 | C |
| DCE Movement Elective | 1-2 | C |
| Computer/Statistics/Quantitative Applications (CS) (MHL 201 recommended) | 3 | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |
| Term hours subtotal: | 14-15 | |

- MUP 373: Music Theatre majors must audition for all productions, adhere to departmental audition policies, and complete 10 technical hours per semester.
- DCE electives must be movement classes. For course recommendations, please consult DCE Movement Electives list below.
- Courses offered in spring semester only: MUP 451: Music Theatre Repertoire, MUP 465.
- Certain studios may require an additional semester of repertoire; please check with your studio professor.
- Gather a list of **professional references**.

| Term 7 94 - 107 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ MUP 311: Studio Instruction | 2 | C | <ul style="list-style-type: none"> • MUP 373: Music Theatre majors must audition for all productions, adhere to departmental audition policies, and complete 10 technical hours per semester. • Courses offered in fall semester only: MUP 470. • Prepare, publicize, and present a public performance. |
| ★ MUP 373: Music Theatre Performance and Production | 1 | C | |
| ★ MUP 470: Music Theatre VII | 2 | C | |
| MUP 466: Broadway Dance | 2 | C | |
| MHL OR MTC OR MUP OR MUE OR MDC OR THF OR THP Upper Division Elective | 3 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 13 | | |

| Term 8 107 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ MUP 311: Studio Instruction | 2 | C | <ul style="list-style-type: none"> • MUP 373: Music Theatre majors must audition for all productions, adhere to departmental audition policies, and complete 10 technical hours per semester. • Courses offered in spring semester only: MUP 472. |
| ★ MUP 373: Music Theatre Performance and Production | 1 | C | |
| ★ MUP 472: Music Theatre VIII | 2 | C | |
| MUP 466: Broadway Dance | 2 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 13 | | |

Hide Course List(s)/Track Group(s)

| DCE Movement Electives | Upper Division MHL (HU) through present time course list: Choose 1 course (3 credits) | Upper Division MHL (HU) course list: Choose 1 course (3 credits) |
|---------------------------------|---|--|
| DCE 110: Argentine Tango I | MHL 342: Music History II (HU) | MHL 341: Music History I (HU) |
| DCE 120: Modern Dance I | MHL 344: Music in World Cultures (HU & G) | MHL 342: Music History II (HU) |
| DCE 121: Ballet I | MHL 394: Music in the Middle East | MHL 344: Music in World Cultures (HU & G) |
| DCE 122: Jazz I | MHL 440: Topics in 20th-Century Music (L or HU) | MHL 394: Music in Renaissance Cities |
| DCE 123: Hip Hop I | MHL 494: Music and Healing | MHL 394: Music in the Middle East |
| DCE 124: Latin/Swing/Ballroom I | | |
| DCE 125: Latin/Salsa I | | |

| | | |
|--------------------------------------|---------------------------------|---|
| DCE 126: Country-Western | MHL 494: Music of the Silk Road | MHL 440: Topics in 20th-Century Music (L or HU) |
| DCE 133: Urban Movement Practices I | | MHL 494: Music and Healing |
| DCE 134: Postmodern Contemporary I | | MHL 494: Music of the Silk Road |
| DCE 135: Contemporary Ballet I | | |
| DCE 136: Somatic Practices I | | |
| DCE 194: Salsa I | | |
| DCE 194: Tap | | |
| DCE 210: Argentine Tango II | | |
| DCE 220: Modern Dance II | | |
| DCE 221: Ballet II | | |
| DCE 224: Latin/Swing/Ballroom II | | |
| DCE 225: Latin/Salsa II | | |
| DCE 294: Jazz Practices | | |
| DCE 294: Salsa II | | |
| DCE 324: Latin/Swing/Ballroom III | | |
| DCE 394: Jazz III | | |
| DCE 394: Latin/Salsa III | | |
| DCE 394: Salsa III | | |
| DCE 494: Latin/Salsa IV | | |
| MUP 494: Music Theatre Dance: Tap I | | |
| MUP 494: Music Theatre Dance: Tap II | | |

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.







2020 - 2021 Major Map





Performance (Orchestral Instrument), **BMUS**




School/College: Herberger Institute for Design and the Arts

Location: Tempe campus

FAMUSPOBM

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  Milestone: School of Music students must successfully complete an entrance audition into the major before enrolling at ASU. | | | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. MAT 142 or higher will fulfill requirement. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. All freshmen take MUP 101: The ASU School of Music Experience to satisfy the First Year Seminar requirement. • Completion of Piano Diagnostic Exam determines placement into Class Piano courses. • Applicability of transfer credit for ensemble and studio instruction is determined based on successful completion of audition and review of transcripts. • Courses offered in fall semester only: MTC 125, MUP 101, MUP 131. • Complete resume in MUP 101. |
|  Milestone: School of Music students must successfully complete the music theory diagnostic exam before enrolling in School of Music courses. | | | |
|  MUP 101: The ASU School of Music Experience | 1 | C | |
|  MUP 127: Studio Instruction | 4 | C | |
|  MUP 442: Instrumental Ensembles | 1 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MTC 125: Basic Music Theory | 3 | C | |
| MUP 131: Class Piano | 1 | C | |
| Mathematics (MA) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  MUP 127: Studio Instruction | 4 | C | <ul style="list-style-type: none"> • Applicability of transfer credit for ensemble and studio instruction is determined based on successful completion of audition and review of transcripts. • Courses offered in spring semester only: MTC 221, MUP 132. • Familiarize yourself with information about musicians' health. |
|  MUP 442: Instrumental Ensembles | 1 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MHL 140: Sounds and Cultures (HU & G) | 3 | C | |
| MTC 221: Music Theory: 18th Century | 3 | C | |
| MUP 132: Class Piano | 1 | C | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 3 31 - 47 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  MUP 127: Studio Instruction | 4 | C | <ul style="list-style-type: none"> • Applicability of transfer credit for ensemble and studio instruction is determined based on successful completion of audition and review of transcripts. • Due to sequence of Music Theory courses, failure to successfully complete MTC 125 by |
|  MUP 442: Instrumental Ensembles | 1 | C | |
| MTC 222: Music Theory: 19th Century | 3 | C | |
| MUP 231: Class Piano | 1 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |

Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) 3

◆ Complete Mathematics (MA) requirement.

◆ Complete MTC 125 AND MUP 131 course(s).

Complete First-Year Composition requirement.

Term hours subtotal: 16

term 3 will negatively impact ability to complete degree in four years.

- Courses offered in fall semester only: MTC 222, MUP 231.
- Talk to your studio instructor about ways to enhance your performance skills, and about appropriate ensemble and performance experiences.

| Term 4 47 - 63 Credit Hours Critical course signified by ◆ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ◆ MUP 127: Studio Instruction | 4 | C | <ul style="list-style-type: none"> • Applicability of transfer credit for ensemble and studio instruction is determined based on successful completion of audition and review of transcripts. • Courses offered in spring semester only: MTC 223, MUP 232. |
| ◆ MUP 442: Instrumental Ensembles | 1 | C | |
| MTC 223: Music Theory: 20th Century | 3 | C | |
| MUP 232: Class Piano | 1 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | | |
| ◆ Complete MTC 221 AND MUP 132 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 5 63 - 79 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ MUP 327: Studio Instruction | 4 | C | <ul style="list-style-type: none"> • For chamber music ensemble requirements, in addition to MUP 479, MUP 485 and MUP 489 are acceptable for percussion majors. MUP 460 is acceptable for string and wind majors. • MUP 451 and MUP 481 are taught in different semesters depending on the instrument; please consult with studio instructor for the schedule. • Course offered in fall semester only: MUP 210. |
| ★ MHL course (HU) Upper Division | 3 | C | |
| MUP 210: Beginning Instrumental Conducting | 1 | C | |
| MUP 442: Instrumental Ensembles | 1 | C | |
| MUP 479: Chamber Music Ensembles | 1 | C | |
| MHL OR MTC OR MUP OR MUE OR MDC Elective | 3 | C | |
| Computer/Statistics/Quantitative Applications (CS) (MHL 201 recommended) | 3 | | |
| ★ Complete MTC 222 AND MUP 231 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 6 79 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ MUP 327: Studio Instruction | 4 | C | <ul style="list-style-type: none"> • For chamber music ensemble requirements, in addition to MUP 479, MUP 485 and MUP 489 are acceptable for percussion majors. MUP 460 is acceptable for string and wind majors. • MUP 451 and MUP 481 are taught in different semesters depending on the instrument; please consult with studio instructor for the schedule. • Gather a list of professional references. |
| ★ MUP 495: Performance | 0 | Y | |
| ★ MHL course (HU) Upper Division | 3 | C | |
| MUP 442: Instrumental Ensembles | 1 | C | |
| MUP 479: Chamber Music Ensembles | 1 | C | |
| MHL OR MTC OR MUE OR MUP OR MDC Upper Division Elective | 2 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| ★ Complete MTC 223 AND MUP 232 course(s). | | | |
| Term hours subtotal: | 14 | | |

Minimum

| Term 7 93 - 107 Credit Hours Necessary course signified by ★ | Hours | Grade | Notes |
|---|-------|-------|---|
| ★ MUP 327: Studio Instruction | 4 | C | <ul style="list-style-type: none"> • For chamber music ensemble requirements, in addition to MUP 479, MUP 485 and MUP 489 are acceptable for percussion majors. MUP 460 is acceptable for string and wind majors. • MUP 451 and MUP 481 are taught in different semesters depending on the instrument; please consult with studio instructor for the schedule. • Certain studios may require an additional semester of repertoire; please check with your studio professor. • Prepare, publicize, and present a public performance. |
| MHL course (L) Upper Division | 3 | C | |
| MUP 442: Instrumental Ensembles | 1 | C | |
| MUP 451: Repertoire | 2 | C | |
| MUP 479: Chamber Music Ensembles | 1 | C | |
| Elective OR MDC 484: Internship OR MHL 484: Internship OR MTC 484: Internship OR MUE 484: Internship OR MUP 484: Internship | 3 | | |
| Term hours subtotal: | 14 | | |

| Term 8 107 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ MUP 327: Studio Instruction | 4 | C | <ul style="list-style-type: none"> • For chamber music ensemble requirements, in addition to MUP 479, MUP 485 and MUP 489 are acceptable for percussion majors. MUP 460 is acceptable for string and wind majors. • MUP 451 and MUP 481 are taught in different semesters depending on the instrument; please consult with studio instructor for the schedule. |
| ★ MUP 496: Performance | 0 | Y | |
| MUP 442: Instrumental Ensembles | 1 | C | |
| MUP 479: Chamber Music Ensembles | 1 | C | |
| MUP 481: Performance Pedagogy and Materials | 2 | C | |
| MHL OR MTC OR MUE OR MUP OR MDC Upper Division Elective | 3 | C | |
| Elective | 2 | | |
| Term hours subtotal: | 13 | | |

Hide Course List(s)/Track Group(s)

| Upper Division MHL (HU) through present time course list: Choose 1 course (3 credits) | Upper Division MHL (HU) course list: Choose 1 course (3 credits) |
|---|--|
| MHL 342: Music History II (HU) | MHL 341: Music History I (HU) |
| MHL 344: Music in World Cultures (HU & G) | MHL 342: Music History II (HU) |
| MHL 394: Music in the Middle East | MHL 344: Music in World Cultures (HU & G) |
| MHL 440: Topics in 20th-Century Music (L or HU) | MHL 394: Music in Renaissance Cities |
| MHL 494: Music and Healing | MHL 394: Music in the Middle East |
| MHL 494: Music of the Silk Road | MHL 440: Topics in 20th-Century Music (L or HU) |
| | MHL 494: Music and Healing |
| | MHL 494: Music of the Silk Road |

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)

Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.







2020 - 2021 Major Map





Performance (Voice), BMUS



School/College: Herberger Institute for Design and the Arts

Location: Tempe campus

FAMUSPVBM

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  Milestone: School of Music students must successfully complete an entrance audition into the major before enrolling at ASU. | | | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. MAT 142 or higher will fulfill this requirement. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. All first-year students take MUP 101: The ASU School of Music Experience to satisfy the First-Year Seminar requirement. • Completion of Piano Diagnostic Exam determines placement into Class Piano course. • Applicability of transfer credit for ensemble and studio instruction is determined based on successful completion of audition and review of transcripts. • One year of high school language in Italian, French, or German recommended. • Courses offered in fall semester only: MTC 125, MUP 101, MUP 131, MUP 170. • Complete resume in MUP 101. |
|  Milestone: School of Music students must successfully complete the music theory diagnostic exam before enrolling in School of Music courses. | | | |
|  MUP 101: The ASU School of Music Experience | 1 | C | |
|  MUP 111: Voice | 2 | C | |
|  MUP 443: Choral Ensembles | 1 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MTC 125: Basic Music Theory | 3 | C | |
| MUP 131: Class Piano | 1 | C | |
| MUP 170: Music Theatre I | 2 | C | |
| Mathematics (MA) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  MUP 111: Voice | 2 | C | <ul style="list-style-type: none"> • Applicability of transfer credit for ensemble and studio instruction is determined based on successful completion of audition and review of transcripts. • Courses offered in spring semester only: MTC 221, MUP 132, MUP 172. • Familiarize yourself with information about musicians' health. |
|  MUP 443: Choral Ensembles | 1 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MHL 140: Sounds and Cultures (HU & G) | 3 | C | |
| MTC 221: Music Theory: 18th Century | 3 | C | |
| MUP 132: Class Piano | 1 | C | |
| MUP 172: Music Theatre II | 2 | C | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 3 31 - 46 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  FRE 101: Elementary French I (G) OR GER 101: Elementary German I (G) OR ITA 101: Elementary Italian I (G) | 4 | C | <ul style="list-style-type: none"> • Applicability of transfer credit for ensemble and studio instruction is determined based on |

| | | |
|--|----|---|
| ❖ MUP 111: Voice | 2 | C |
| ❖ MUP 443: Choral Ensembles | 1 | C |
| MTC 222: Music Theory: 19th Century | 3 | C |
| MUP 231: Class Piano | 1 | C |
| MUP 250: Diction for Singers | 1 | C |
| Computer/Statistics/Quantitative Applications (CS) (MHL 201 recommended) | 3 | |
| ❖ Complete MTC 125 AND MUP 131. | | |
| ❖ Complete Mathematics (MA) requirement. | | |
| Complete First-Year Composition requirement. | | |
| Term hours subtotal: | 15 | |

- successful completion of audition and review of transcripts.
- All students must complete FRE 101, GER 101, & ITA 101. One semester may be waived with review of high school transcript -- see advisor.
- MUP 250 sequence: Italian is offered in odd-numbered fall semesters, German is offered in even-numbered spring semesters, and French is offered in even-numbered fall semesters.
- Students who start in an even-numbered fall semester will follow this MUP 250 Diction sequence starting in Term 3: Italian, German, French.
- Students who start in an odd-numbered fall semester will follow this MUP 250 Diction sequence starting in Term 5: Italian, German, French.
- Failure to complete MTC 125 by the end of term 3 will impact ability to complete degree in 4 years.
- Courses offered in fall semester only: MTC 222, MUP 231.

| Term 4 46 - 63 Credit Hours Critical course signified by ❖ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ❖ FRE 101: Elementary French I (G) OR GER 101: Elementary German I (G) OR ITA 101: Elementary Italian I (G) | 4 | C | <ul style="list-style-type: none"> Applicability of transfer credit for ensemble and studio instruction is determined based on successful completion of audition and review of transcripts. All students must complete FRE 101, GER 101, & ITA 101. One semester may be waived with review of high school transcript -- see advisor. Complete required Second Language 101 courses by the end of term 6. MUP 250 sequence: Italian is offered in odd-numbered fall semesters, German is offered in even-numbered spring semesters, and French is offered in even-numbered fall semesters. Courses offered in spring semester only: MTC 223, MUP 232. Talk to your studio instructor about ways to enhance your performance skills. Participate in at least two large ensemble performances and perform in studio class. |
| ❖ MUP 127: Studio Instruction | 4 | C | |
| ❖ MUP 443: Choral Ensembles | 1 | C | |
| MTC 223: Music Theory: 20th Century | 3 | C | |
| MUP 232: Class Piano | 1 | C | |
| MUP 250: Diction for Singers | 1 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| ❖ Complete MTC 221 AND MUP 132. | | | |
| Term hours subtotal: | 17 | | |

| Term 5 63 - 79 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ Upper Division MHL - Cross-Historical AND Upper Division Humanities, Arts and Design (HU) | 3 | C | <ul style="list-style-type: none"> All students must complete FRE 101, GER 101, & ITA 101. One semester may be waived with review of high school transcript -- see advisor. MUP 250 sequence: Italian is offered in odd-numbered fall semesters, German is offered in even-numbered spring semesters, |
| ★ MUP 327: Studio Instruction | 4 | C | |
| FRE 101: Elementary French I (G) OR GER 101: Elementary German I (G) OR ITA 101: Elementary Italian I (G) | 4 | C | |
| MUP 250: Diction for Singers | 1 | C | |

| | | |
|---|----|---|
| MUP 360: Musicianship for Singers | 1 | C |
| MUP 443: Choral Ensembles | 1 | C |
| MUP 481: Performance Pedagogy and Materials OR MUP 451: Opera Repertoire | 2 | C |
| ★ Complete MTC 222 AND MUP 231. | | |
| Term hours subtotal: | 16 | |

and French is offered in even-numbered fall semesters.

- Students starting in an even-numbered fall semester will follow this MUP 250 Diction sequence starting in Term 3: Italian, German, French.
- Students starting in an odd-numbered fall semester will follow this MUP 250 Diction sequence starting in Term 5: Italian, German, French.
- Students must complete 6 hours total of Pedagogy and Repertoire courses. MUP 451, MUP 453, and MUP 481 are required.
- Course offered in fall semester only: MUP 451.
- Courses offered in even-numbered fall semesters: MUP 481.
- Courses offered in odd-numbered spring semesters: MUP 453.

| Term 6 79 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ Upper Division MHL course AND Upper Division Humanities, Arts and Design (HU) | 3 | C | |
| ★ MUP 327: Studio Instruction | 4 | C | |
| ★ MUP 495: Performance | 0 | Y | |
| MUP 443: Choral Ensembles | 1 | C | |
| MUP 453: Art Song Repertoire OR Upper Division Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 2-3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| ★ Complete MTC 223 AND MUP 232. | | | |
| ★ Complete Second Language 101. | | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 14-15 | | |

- Courses offered in odd-numbered spring semesters: MUP 453.
- Gather a list of **professional references**.

| Term 7 93 - 107 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ MUP 327: Studio Instruction | 4 | C | |
| MUP 443: Choral Ensembles | 1 | C | |
| MUP 481: Performance Pedagogy and Materials OR MUP 451: Opera Repertoire | 2 | C | |
| MHL course (L) Upper Division | 3 | C | |
| Upper Division MUP Elective (MUP 471 recommended) | 1 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| ★ Complete MUP 451 AND MUP 481 course(s). | | | |
| Term hours subtotal: | 14 | | |

- MHL 440 is offered in fall only and MHL 439 is offered in spring only.
- Courses offered in fall semester only: MUP 451.
- Courses offered in even-numbered fall semesters: MUP 481.

| Term 8 107 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ MUP 327: Studio Instruction | 4 | C | |

| | | |
|---|----|---|
| ★ MUP 496: Performance | 0 | Y |
| MUP 443: Choral Ensembles | 1 | C |
| MUP 453: Art Song Repertoire OR Upper Division Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | C |
| MUP 471: Opera Scenes | 1 | C |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | |
| Term hours subtotal: | 13 | |

- MHL 440 is offered in fall only and MHL 439 is offered in spring only.
- Courses offered in odd-numbered spring semesters: MUP 453.
- Prepare, publicize, and present a public performance.
- Apply for full-time career opportunities.

Hide Course List(s)/Track Group(s)

| | |
|---|--|
| Upper Division MHL (HU) course list: Choose 1 course (3 credits) | Upper Division MHL - Cross-Historical course list: Choose 1 course (3 credits) |
| MHL 341: Music History I (HU) | MHL 342: Music History II (HU) |
| MHL 342: Music History II (HU) | MHL 494: Music and Healing |
| MHL 344: Music in World Cultures (HU & G) | |
| MHL 394: Music in Renaissance Cities | |
| MHL 394: Music in the Middle East | |
| MHL 440: Topics in 20th-Century Music (L or HU) | |
| MHL 494: Music and Healing | |
| MHL 494: Music of the Silk Road | |

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.





2020 - 2021 Major Map





Performance and Movement - Dance and Theatre, BA




School/College: Herberger Institute for Design and the Arts

Location: Tempe campus



HIPERMVBA



| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  DCE 160: First-Year Creative Practices I | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. THF 125/DCE 170 fulfills this requirement. |
|  THF 125: Orientation to Film, Dance and Theatre OR DCE 170: First-Year Seminar I | 1 | C | |
|  Physical Practice Courses | 2-3 | C | |
| DCE 136: Somatic Practices I | 2 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Mathematics (MA) | 3 | | |
| Elective | 2 | | |
| Term hours subtotal: | 16-17 | | |

| Term 2 16 - 31 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  THF 126: School of Film, Dance and Theatre: First-Year Experience OR DCE 171: First-Year Seminar II | 2 | C | <ul style="list-style-type: none"> • Students are expected to reach the advanced level (3**) of at least one of the Physical Practices. Plan your Physical Practices courses to be able to do that in term 6 • Join an organization and/or participate in an off-campus performance project. |
|  Physical Practice Courses | 2-3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| THF 160: Introduction to Storytelling | 3 | C | |
| Computer/Statistics/Quantitative Applications (CS) (DCE 240 OR FMP 255 recommended) | 3 | | |
| Elective | 2 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15-16 | | |

| Term 3 31 - 46 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|  Physical Practice Courses | 3 | C | |
| DCE 201: Dance, Culture, and Global Contexts (HU) OR DCE 202: Dance in U.S. Popular Culture (HU & C) OR THF 220: Principles of Dramatic Analysis (L or HU) | 3 | C | |
| Lower Division Creative Practice Courses | 3-4 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 2 | | |
|  Complete Mathematics (MA) requirement. | | | |
| Complete First-Year Composition requirement. | | | |
| Term hours subtotal: | 15-16 | | |



| | | Minimum | |
|--|--|---------|--|
|--|--|---------|--|

| Term 4 46 - 61 Credit Hours Critical course signified by  | Hours | Grade | Notes |
|---|-------|-------|-------|
|  Physical Practice Courses | 2-3 | C | |
| HDA 252: Foundations Arts and Design Entrepreneurship | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15-16 | | |

| Term 5 61 - 74 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  Upper Division Community Engagement and Education Courses | 3 | C | <ul style="list-style-type: none"> Students are expected to reach the advanced level of one of the Physical Practices next term. |
| Upper Division Production and Technical Courses | 1-3 | C | |
| DCE Upper Division Elective OR FMP Upper Division Elective OR THE Upper Division Elective OR THF Upper Division Elective OR THP Upper Division Elective | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 13-15 | | |

| Term 6 74 - 90 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  THF 397: Professional Development Seminar | 1 | C | <ul style="list-style-type: none"> Prepare for your optional internship next semester. Internships are strongly encouraged. |
| Upper Division History and Context | 3 | C | |
| Upper Division Physical Practice Courses | 3 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Complete 2 courses: Upper Division Elective | 6 | | |
| Term hours subtotal: | 16 | | |

| Term 7 90 - 104 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  DCE 484: Internship OR FMP 484: Internship OR THP 484: Internship OR FMP Upper Division Elective OR THE Upper Division Elective OR THF Upper Division Elective OR THP Upper Division Elective OR DCE Upper Division Elective | 3 | C | <ul style="list-style-type: none"> Start networking professionally. Internships are strongly encouraged. |
|  Upper Division Creative Practice | 2-3 | C | |
| DCE Upper Division Elective OR FMP Upper Division Elective OR THE Upper Division Elective OR THF Upper Division Elective OR THP Upper Division Elective | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) (DCE 405 OR THE 440 recommended) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 14-15 | | |

| Term 8 104 - 120 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|  DCE 461: Transition Project II OR THF 497: Senior Project OR THP 428: Theatre and the Future | 2-3 | C | |

| | | |
|---|-------|---|
| DCE Upper Division Elective OR FMP Upper Division Elective OR THE Upper Division Elective OR THF Upper Division Elective OR THP Upper Division Elective | 3 | C |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | |
| <i>Complete 2 courses:</i> Upper Division Elective | 6 | |
| Elective | 2 | |
| Term hours subtotal: | 16-17 | |

Hide Course List(s)/Track Group(s)

| Physical Practice Courses | Upper Division Physical Practice Courses | Upper Division Physical Practice Courses |
|-------------------------------------|--|--|
| DCE 110: Argentine Tango I | DCE 324: Latin/Swing/Ballroom III | DCE 324: Latin/Swing/Ballroom III |
| DCE 111: Belly Dancing I | DCE 333: Urban Movement Practices III | DCE 333: Hip Hop III |
| DCE 112: Capoeira I | DCE 334: Postmodern Contemporary III | DCE 334: Postmodern Contemporary III |
| DCE 113: Dances of Africa I | DCE 335: Contemporary Ballet III | DCE 335: Contemporary Ballet III |
| DCE 114: Dances of India I | DCE 336: Somatic Practices III | DCE 336: Somatic Practices III |
| DCE 117: Feldenkrais I | DCE 338: Urban Movement Practices Ensemble | DCE 338: Hip Hop Ensemble |
| DCE 120: Modern Dance I | IAP 331: Performance Acting and the Individual | DCE 339: Afro-Latin Movement Practice III |
| DCE 121: Ballet I | MUE 311: Music in the Lives of Children and Youth (HU) | IAP 331: Performance Acting and the Individual |
| DCE 122: Jazz I | MUP 370: Music Theatre V | MUP 370: Music Theatre V |
| DCE 123: Hip Hop I | MUP 465: Music Theatre VI | MUP 465: Music Theatre VI |
| DCE 124: Latin/Swing/Ballroom I | MUP 466: Broadway Dance | MUP 466: Broadway Dance |
| DCE 125: Latin/Salsa I | MUP 470: Music Theatre VII | MUP 470: Music Theatre VII |
| DCE 126: Country-Western | MUP 471: Music Theatre: Workshops | MUP 471: Music Theatre: Workshops |
| DCE 133: Urban Movement Practices I | MUP 472: Music Theatre VIII | MUP 472: Music Theatre VIII |
| DCE 134: Postmodern Contemporary I | THP 301: Acting Mainstage | THP 301: Acting Mainstage |
| DCE 135: Contemporary Ballet I | THP 302: Acting III: Advanced Techniques | THP 302: Acting III: Advanced Techniques |
| DCE 136: Somatic Practices I | THP 307: Acting: Ten-Minute Plays | THP 307: Acting: Ten-Minute Plays |
| DCE 210: Argentine Tango II | THP 372: Acting: Advanced Movement | THP 372: Acting: Advanced Movement |
| DCE 211: Belly Dancing II | THP 377: Acting: Voice and Speech | THP 377: Acting: Voice and Speech |
| DCE 220: Modern Dance II | THP 385: Acting: Shakespeare and the Spanish Golden Age | THP 387: Screen Acting |
| DCE 221: Ballet II | THP 387: Screen Acting | THP 420: Acting: Solo and Collaborative Performance |
| DCE 222: Jazz II | THP 420: Acting: Solo and Collaborative Performance | THP 482: Theatre for Social Change (C) |
| DCE 223: Hip Hop II | | THP 483: Acting: Viewpoints and Composition |
| DCE 224: Latin/Swing/Ballroom II | | |
| DCE 225: Latin/Salsa II | | |

| | | |
|---|---|---|
| DCE 233: Urban Movement Practices II | THP 482: Theatre for Social Change (C) | THP 489: Acting: Audition Techniques and Career Development |
| DCE 234: Postmodern Contemporary II | THP 483: Acting: Viewpoints and Composition | |
| DCE 236: Somatic Practices II | | |
| MHL 140: Sounds and Cultures (HU & G) | THP 489: Acting: Audition Techniques and Career Development | |
| MUP 170: Music Theatre I | | |
| MUP 172: Music Theatre II | | |
| MUP 270: Music Theatre III | | |
| MUP 272: Music Theatre IV | | |
| MUS 146: Singing for Nonmajors | | |
| THF 101: Acting Introduction | | |
| THP 102: Acting I: Fundamentals | | |
| THP 202: Acting II: Meisner Technique | | |
| THP 272: Introduction to Stage Movement | | |
| THP 277: Acting: Introduction to Voice | | |
| Production and Technical Courses | Community Engagement and Education Courses | Creative Practice Courses |
| DCE 438: Dance Theatre Performance/Production | ART 442: Art and Community | ART 116: Introduction to Digital Media |
| MUP 373: Music Theatre Performance and Production | DCE 350: Dance in the Classroom: Learning Through Movement (HU) | ART 216: Intermedia Practices |
| MUP 374: Music Theatre Technical Production | DCE 354: Creative Approaches to Teaching Dance I | DCE 160: First-Year Creative Practices I |
| THP 301: Production | DCE 356: Creative Approaches to Teaching Dance II | DCE 161: First-Year Creative Practices II |
| THP 317: Stage Management | FMP 417: Business and Legal Practices in Entertainment | DCE 240: Media for Dance (CS) |
| THP 331: Costume Construction | HDA 310: Socially Engaged Practice | DCE 260: Second-Year Creative Practices I |
| THP 332: Makeup | HDA 311: Work and Careers in the Cultural and Creative Industries | DCE 261: Second-Year Creative Practices II |
| THP 335: Advanced Stagecraft | HDA 420: Design and the Arts Business Administration | DCE 262: Rhythmic Theory for Dance I |
| THP 345: Lighting Design | THE 325: Play Reading for Educational Theatre | FMP 201: Film: The Creative Process I (HU) |
| THP 350: Sound Design | THE 480: Methods of Teaching Theatre | FMP 255: Media Authorship (CS) |
| THP 355: Media Design for Performance | THP 311: Creative Drama with Youth (L) | FMP 261: Principles of Screenwriting |
| THP 401: Theatre Practicum | THP 351: Arts Management | FMP 280: Introduction to Film and Media Production |
| THP 435: Technical Direction | THP 411: Methods of Teaching Drama | HDA 210: Creativity and Innovation in Design and the Arts |
| THP 442: Drawing | THP 450: Theatre Organization and Management | MUS 100: Fundamentals of Music Notation |
| THP 448: AutoCAD for Live Entertainment | THP 482: Theatre for Social Change (C) | MTC 125: Basic Music Theory |
| THP 449: AutoCAD 3D for Live Entertainment | | MUS 145: Nonmajors Class Piano: Beginner |
| THP 451: Student Production Board II | | THF 215: Design and Composition for Theatre and Film |
| | | THP 213: Introduction to Technical Theatre |
| | | THP 214: Introduction to Costuming |

THP 218: Directing I: Introduction to Directing

THP 260: Introduction to Playwriting

| Upper Division Creative Practices | Upper Division History and Context |
|---|---|
| ART 443: Intermedia Performance | DCE 300: Moving Histories (HU) |
| DCE 360: Third-Year Creative Practices I | DCE 301: Meaning in Motion (L or HU) |
| DCE 361: Third-Year Creative Practices II | DCE 402: Ethnography of Dance Practices (L) |
| DCE 460: Transition Project I | DCE 404: Dance and Ethics |
| DCE 461: Transition Project II | DCE 405: Rhetorical Moves (L or HU) |
| IAP 331: Performance Acting and the Individual | THE 320: History of the Theatre I (HU & H) |
| IAP 333: Directing for Performance | THE 321: History of the Theatre II (HU & H) |
| IAP 334: Conceptual Development in the Arts | THE 322: Theatre History and Culture (HU & H) |
| THP 318: Directing II: Intermediate Directing | THE 325: Play Reading for Educational Theatre |
| THP 330: Costume Design | THE 421: Shakespeare: Stage and Film (L or HU) |
| THP 332: Makeup | THE 422: Latinx Theatre and Film (HU & C) |
| THP 345: Lighting Design | THE 423: African American Theatre (C) |
| THP 350: Sound Design | THE 426: Pre-Columbian Theatre of the Americas |
| THP 355: Media Design for Performance | THE 429: Studies in European Literature and Culture ((L or HU) & G & H) |
| THP 360: Intermediate Playwriting | THE 430: History of Fashion I (HU) |
| THP 420: Acting: Solo and Collaborative Performance | THE 431: History of Fashion II: 20th-Century Fashion |
| THP 440: Advanced Scene Design | THE 440: Experimental Theatre and Performance (L) |
| THP 455: Advanced Media Design | |
| THP 483: Acting: Viewpoints and Composition | |

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)

- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.





2020 - 2021 Major Map





Performance and Movement - Social and Partnership Dance, BA




School/College: Herberger Institute for Design and the Arts

Location: Tempe campus




HIPERMVBA



| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  DCE 124: Latin/Swing/Ballroom I OR DCE 125: Latin/Salsa I | 2 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. THF 125/DCE 170 fulfills this requirement. |
|  DCE 160: First-Year Creative Practices I | 3 | C | |
|  THF 125: Orientation to Film, Dance and Theatre OR DCE 170: First-Year Seminar I | 1 | C | |
| DCE 136: Somatic Practices I | 2 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Mathematics (MA) | 3 | | |
| Elective | 2-3 | | |
| Term hours subtotal: | 16-17 | | |

| Term 2 16 - 31 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  DCE 124: Latin/Swing/Ballroom I OR DCE 125: Latin/Salsa I | 2 | C | <ul style="list-style-type: none"> • Alternate each semester between Latin and Ballroom. • Join an organization and/or participate in an off-campus performance project. |
|  THF 126: School of Film, Dance and Theatre: First-Year Experience OR DCE 171: First-Year Seminar II | 2 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| THF 160: Introduction to Storytelling | 3 | C | |
| Computer/Statistics/Quantitative Applications (CS) (DCE 240 OR FMP 255 recommended) | 3 | | |
| Elective | 2-3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15-16 | | |

| Term 3 31 - 46 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|  DCE 224: Latin/Swing/Ballroom II OR DCE 225: Latin/Salsa II | 2 | C | |
| DCE 201: Dance, Culture, and Global Contexts (HU) OR DCE 202: Dance in U.S. Popular Culture (HU & C) OR THF 220: Principles of Dramatic Analysis (L or HU) | 3 | C | |
| Lower Division Creative Practice Courses | 3-4 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
|  Complete Mathematics (MA) requirement. | | | |
| Complete First-Year Composition requirement. | | | |
| Term hours subtotal: | 15-16 | | |

| Term 4 46 - 61 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  DCE 224: Latin/Swing/Ballroom II OR DCE 225: Latin/Salsa II | 2 | C | |
| HDA 252: Foundations Arts and Design Entrepreneurship | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Elective | 3-4 | | |
| Term hours subtotal: | 15-16 | | |

| Term 5 61 - 76 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  DCE 324: Latin/Swing/Ballroom III OR DCE 394: Latin/Salsa III | 2 | C | <ul style="list-style-type: none"> • Students are expected to reach the advanced level of one of the Physical Practices next term. |
|  Upper Division Community Engagement and Education Courses | 3 | C | |
| Upper Division Production and Technical Courses | 1-3 | C | |
| DCE Upper Division Elective OR FMP Upper Division Elective OR THE Upper Division Elective OR THF Upper Division Elective OR THP Upper Division Elective | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 15-17 | | |

| Term 6 76 - 91 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  DCE 324: Latin/Swing/Ballroom III OR DCE 394: Latin/Salsa III | 2 | C | <ul style="list-style-type: none"> • Prepare for your internship (optional) next semester. • Internships are strongly encouraged. |
|  THF 397: Professional Development Seminar | 1 | C | |
| Upper Division History and Context | 3 | C | |
| Upper Division Physical Practice Courses | 3 | C | |
| Complete 2 courses: Upper Division Elective | 6 | | |
|  Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 91 - 106 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  DCE 484: Internship OR FMP 484: Internship OR THP 484: Internship OR DCE Upper Division Elective OR FMP Upper Division Elective OR THE Upper Division Elective OR THP Upper Division Elective OR THF Upper Division Elective | 3 | C | <ul style="list-style-type: none"> • Start networking professionally. • Internships are strongly encouraged. |
|  Upper Division Creative Practice | 2-3 | C | |
| DCE Upper Division Elective OR FMP Upper Division Elective OR THE Upper Division Elective OR THF Upper Division Elective OR THP Upper Division Elective | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) (DCE 405 OR THE 440 recommended) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Elective | 1-2 | | |
| Term hours subtotal: | 15-17 | | |

| | | Minimum | |
|--|--|---------|--|
|--|--|---------|--|

| Term 8 106 - 120 Credit Hours Necessary course signified by ★ | Hours | Grade | Notes |
|---|-------|-------|-------|
| ★ DCE 461: Transition Project II OR THF 497: Senior Project OR THP 428: Theatre and the Future | 2-3 | C | |
| DCE Upper Division Elective OR FMP Upper Division Elective OR THE Upper Division Elective OR THF Upper Division Elective OR THP Upper Division Elective | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 14-15 | | |

Hide Course List(s)/Track Group(s)

| Physical Practice Courses | Creative Practice Courses | Production and Technical Courses |
|-------------------------------------|---|---|
| DCE 110: Argentine Tango I | ART 116: Introduction to Digital Media | DCE 438: Dance Theatre Performance/Production |
| DCE 111: Belly Dancing I | ART 216: Intermedia Practices | MUP 373: Music Theatre Performance and Production |
| DCE 112: Capoeira I | DCE 160: First-Year Creative Practices I | MUP 374: Music Theatre Technical Production |
| DCE 113: Dances of Africa I | DCE 161: First-Year Creative Practices II | THP 301: Production |
| DCE 114: Dances of India I | DCE 240: Media for Dance (CS) | THP 317: Stage Management |
| DCE 117: Feldenkrais I | DCE 260: Second-Year Creative Practices I | THP 331: Costume Construction |
| DCE 120: Modern Dance I | DCE 261: Second-Year Creative Practices II | THP 332: Makeup |
| DCE 121: Ballet I | DCE 262: Rhythmic Theory for Dance I | THP 335: Advanced Stagecraft |
| DCE 122: Jazz I | FMP 201: Film: The Creative Process I (HU) | THP 345: Lighting Design |
| DCE 123: Hip Hop I | FMP 255: Media Authorship (CS) | THP 350: Sound Design |
| DCE 124: Latin/Swing/Ballroom I | FMP 261: Principles of Screenwriting | THP 355: Media Design for Performance |
| DCE 125: Latin/Salsa I | FMP 280: Introduction to Film and Media Production | THP 401: Theatre Practicum |
| DCE 126: Country-Western | HDA 210: Creativity and Innovation in Design and the Arts | THP 435: Technical Direction |
| DCE 133: Urban Movement Practices I | MTC 125: Basic Music Theory | THP 442: Drawing |
| DCE 134: Postmodern Contemporary I | MUS 100: Fundamentals of Music Notation | THP 448: AutoCAD for Live Entertainment |
| DCE 135: Contemporary Ballet I | MUS 145: Nonmajors Class Piano: Beginner | THP 449: AutoCAD 3D for Live Entertainment |
| DCE 136: Somatic Practices I | THF 215: Design and Composition for Theatre and Film | THP 451: Student Production Board II |
| DCE 194: Salsa I | THP 213: Introduction to Technical Theatre | |
| DCE 210: Argentine Tango II | THP 214: Introduction to Costuming | |
| DCE 211: Belly Dancing II | THP 218: Directing I: Introduction to Directing | |
| DCE 220: Modern Dance II | THP 260: Introduction to Playwriting | |
| DCE 221: Ballet II | | |
| DCE 222: Jazz II | | |
| DCE 223: Hip Hop II | | |

| | | |
|---|---|---|
| DCE 224: Latin/Swing/Ballroom II | | |
| DCE 225: Latin/Salsa II | | |
| DCE 233: Urban Movement Practices II | | |
| DCE 234: Postmodern Contemporary II | | |
| DCE 236: Somatic Practices II | | |
| MUP 170: Music Theatre I | | |
| MUP 172: Music Theatre II | | |
| THF 101: Acting Introduction | | |
| THP 102: Acting I: Fundamentals | | |
| THP 202: Acting II: Meisner Technique | | |
| THP 272: Introduction to Stage Movement | | |
| THP 277: Acting: Introduction to Voice | | |
| Community Engagement and Education Courses | Upper Division History and Context | Upper Division Creative Practices |
| ART 442: Art and Community | DCE 300: Moving Histories (HU) | ART 443: Intermedia Performance |
| DCE 350: Dance in the Classroom: Learning Through Movement (HU) | DCE 301: Meaning in Motion (L or HU) | DCE 360: Third-Year Creative Practices I |
| DCE 354: Creative Approaches to Teaching Dance I | DCE 402: Ethnography of Dance Practices (L) | DCE 361: Third-Year Creative Practices II |
| DCE 356: Creative Approaches to Teaching Dance II | DCE 404: Dance and Ethics | DCE 460: Transition Project I |
| FMP 417: Business and Legal Practices in Entertainment | DCE 405: Rhetorical Moves (L or HU) | DCE 461: Transition Project II |
| HDA 310: Socially Engaged Practice | THE 320: History of the Theatre I (HU & H) | FMP 300: Focus on Film |
| HDA 311: Work and Careers in the Cultural and Creative Industries | THE 321: History of the Theatre II (HU & H) | IAP 331: Performance Acting and the Individual |
| HDA 420: Design and the Arts Business Administration | THE 322: Theatre History and Culture (HU & H) | IAP 333: Directing for Performance |
| THE 325: Play Reading for Educational Theatre | THE 325: Play Reading for Educational Theatre | IAP 334: Conceptual Development in the Arts |
| THE 480: Methods of Teaching Theatre | THE 421: Shakespeare: Stage and Film (L or HU) | THP 318: Directing II: Intermediate Directing |
| THP 311: Creative Drama with Youth (L) | THE 422: Latinx Theatre and Film (HU & C) | THP 330: Costume Design |
| THP 351: Arts Management | THE 423: African American Theatre (C) | THP 332: Makeup |
| THP 411: Methods of Teaching Drama | THE 426: Pre-Columbian Theatre of the Americas | THP 345: Lighting Design |
| THP 450: Theatre Organization and Management | THE 429: Studies in European Literature and Culture ((L or HU) & G & H) | THP 350: Sound Design |
| THP 482: Theatre for Social Change (C) | THE 430: History of Fashion I (HU) | THP 355: Media Design for Performance |
| | THE 431: History of Fashion II: 20th-Century Fashion | THP 360: Intermediate Playwriting |
| | THE 440: Experimental Theatre and Performance (L) | THP 420: Acting: Solo and Collaborative Performance |
| | | THP 428: Theatre and the Future |
| | | THP 440: Advanced Scene Design |
| | | THP 455: Advanced Media Design |

Upper Division Physical Practice Courses

DCE 324: Latin/Swing/Ballroom III

DCE 333: Urban Movement Practices III

DCE 334: Postmodern Contemporary III

DCE 335: Contemporary Ballet III

DCE 336: Somatic Practices III

DCE 338: Urban Movement Practices
Ensemble

IAP 331: Performance Acting and the
Individual

MUE 311: Music in the Lives of Children and
Youth (HU)

MUP 370: Music Theatre V

MUP 465: Music Theatre VI

MUP 466: Broadway Dance

MUP 470: Music Theatre VII

MUP 471: Music Theatre: Workshops

MUP 472: Music Theatre VIII

THP 301: Acting Mainstage

THP 302: Acting III: Advanced Techniques

THP 307: Acting: Ten-Minute Plays

THP 372: Acting: Advanced Movement

THP 377: Acting: Voice and Speech

THP 385: Acting: Shakespeare and the
Spanish Golden Age

THP 387: Screen Acting

THP 420: Acting: Solo and Collaborative
Performance

THP 482: Theatre for Social Change (C)

THP 483: Acting: Viewpoints and
Composition

THP 489: Acting: Audition Techniques and
Career Development

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)

Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.





2020 - 2021 Major Map





Performance and Movement - Urban Arts, BA



School/College: Herberger Institute for Design and the Arts

Location: Tempe campus

HIPERMVBA

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  DCE 133: Urban Movement Practices I | 2 | C | <ul style="list-style-type: none"> An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses. Mathematics Placement Assessment score determines placement in mathematics course. ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. THF 125/DCE 170 fulfills this requirement. |
|  DCE 160: First-Year Creative Practices I | 3 | C | |
|  THF 125: Orientation to Film, Dance and Theatre OR DCE 170: First-Year Seminar I | 1 | C | |
| DCE 136: Somatic Practices I | 2 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Mathematics (MA) | 3 | | |
| Elective | 2-3 | | |
| Term hours subtotal: | 16-17 | | |

| Term 2 16 - 31 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  DCE 133: Urban Movement Practices I | 2 | C | <ul style="list-style-type: none"> Students are expected to reach the advanced level (300-level) of at least one of the Physical Practices. Plan your Physical Practices courses to be able to do that in term 6. Join an organization and/or participate in an off-campus performance project. |
|  THF 126: School of Film, Dance and Theatre: First-Year Experience OR DCE 171: First-Year Seminar II | 2 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| THF 160: Introduction to Storytelling | 3 | C | |
| Computer/Statistics/Quantitative Applications (CS) (DCE 240 OR FMP 255 recommended) | 3 | | |
| Elective | 2-3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15-16 | | |

| Term 3 31 - 46 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| DCE 201: Dance, Culture, and Global Contexts (HU) OR DCE 202: Dance in U.S. Popular Culture (HU & C) OR THF 220: Principles of Dramatic Analysis (L or HU) | 3 | C | |
| DCE 233: Urban Movement Practices II | 2 | C | |
| Lower Division Creative Practice Courses | 3-4 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
|  Complete Mathematics (MA) requirement. | | | |
| Complete First-Year Composition requirement. | | | |
| Term hours subtotal: | 15-16 | | |

| Term 4 46 - 61 Credit Hours Critical course signified by ⚠ | Hours | Grade | Notes |
|---|-------|-------|-----------------------|
| ⚠ DCE 233: Urban Movement Practices II | 2 | C | • Develop your skills |
| HDA 252: Foundations Arts and Design Entrepreneurship | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Elective | 3-4 | | |
| Term hours subtotal: | 15-16 | | |

| Term 5 61 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ DCE 333: Urban Movement Practices III | 3 | C | • Students are expected to reach the advanced level of one of the Physical Practices next term. |
| ★ DCE 338: Urban Movement Practices Ensemble | 1 | C | |
| ★ Upper Division Community Engagement and Education Courses | 3 | C | |
| Upper Division Production and Technical Courses | 1-3 | C | |
| DCE Upper Division Elective OR FMP Upper Division Elective OR THE Upper Division Elective OR THF Upper Division Elective OR THP Upper Division Elective | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 14-16 | | |

| Term 6 75 - 91 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ DCE 333: Urban Movement Practices III | 3 | C | • Prepare for your internship (optional) next semester. • Internships are strongly encouraged. |
| ★ DCE 338: Urban Movement Practices Ensemble | 1 | C | |
| ★ THF 397: Professional Development Seminar | 1 | C | |
| Upper Division History and Context | 3 | C | |
| Upper Division Physical Practice | 3 | C | |
| Upper Division Elective | 3 | | |
| Elective | 2 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 7 91 - 106 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ DCE 338: Urban Movement Practices Ensemble | 1 | C | • DCE 333 is recommended as a DCE Upper Division Elective. • Start networking professionally. • Internships are strongly encouraged |
| ★ DCE 484: Internship OR FMP 484: Internship OR THP 484: Internship | 3 | C | |
| ★ Upper Division Creative Practice | 2-3 | C | |
| DCE Upper Division Elective OR FMP Upper Division Elective OR THE Upper Division Elective OR THF Upper Division Elective OR THP Upper Division Elective | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) (DCE 405 OR THE 440 recommended) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 15-16 | | |

| Term 8 106 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|---|-------|---|
| ★ DCE 461: Transition Project II OR THF 497: Senior Project OR THP 428: Theatre and the Future | 2-3 | C |
| DCE Upper Division Elective OR FMP Upper Division Elective OR THE Upper Division Elective OR THF Upper Division Elective OR THP Upper Division Elective | 3 | C |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | |
| Upper Division Elective | 3 | |
| Elective | 3 | |
| Term hours subtotal: | 14-15 | |

Hide Course List(s)/Track Group(s)

| Physical Practice Courses | Creative Practice Courses | Production and Technical Courses |
|-------------------------------------|---|---|
| DCE 110: Argentine Tango I | ART 116: Introduction to Digital Media | DCE 438: Dance Theatre Performance/Production |
| DCE 111: Belly Dancing I | ART 216: Intermedia Practices | MUP 373: Music Theatre Performance and Production |
| DCE 112: Capoeira I | DCE 160: First-Year Creative Practices I | MUP 374: Music Theatre Technical Production |
| DCE 113: Dances of Africa I | DCE 161: First-Year Creative Practices II | THP 301: Production |
| DCE 114: Dances of India I | DCE 240: Media for Dance (CS) | THP 317: Stage Management |
| DCE 117: Feldenkrais I | DCE 260: Second-Year Creative Practices I | THP 331: Costume Construction |
| DCE 120: Modern Dance I | DCE 261: Second-Year Creative Practices II | THP 332: Makeup |
| DCE 121: Ballet I | DCE 262: Rhythmic Theory for Dance I | THP 335: Advanced Stagecraft |
| DCE 122: Jazz I | FMP 201: Film: The Creative Process I (HU) | THP 345: Lighting Design |
| DCE 123: Hip Hop I | FMP 255: Media Authorship (CS) | THP 350: Sound Design |
| DCE 124: Latin/Swing/Ballroom I | FMP 261: Principles of Screenwriting | THP 355: Media Design for Performance |
| DCE 125: Latin/Salsa I | FMP 280: Introduction to Film and Media Production | THP 401: Theatre Practicum |
| DCE 126: Country-Western | HDA 210: Creativity and Innovation in Design and the Arts | THP 435: Technical Direction |
| DCE 133: Urban Movement Practices I | MTC 125: Basic Music Theory | THP 442: Drawing |
| DCE 134: Postmodern Contemporary I | MUS 100: Fundamentals of Music Notation | THP 448: AutoCAD for Live Entertainment |
| DCE 135: Contemporary Ballet I | MUS 145: Nonmajors Class Piano: Beginner | THP 449: AutoCAD 3D for Live Entertainment |
| DCE 136: Somatic Practices I | THP 213: Introduction to Technical Theatre | THP 451: Student Production Board II |
| DCE 194: Salsa I | THP 214: Introduction to Costuming | |
| DCE 210: Argentine Tango II | THP 215: Design and Composition for Theatre and Film | |
| DCE 211: Belly Dancing II | THP 218: Directing I: Introduction to Directing | |
| DCE 220: Modern Dance II | THP 260: Introduction to Playwriting | |
| DCE 221: Ballet II | | |
| DCE 222: Jazz II | | |
| DCE 223: Hip Hop II | | |
| DCE 224: Latin/Swing/Ballroom II | | |

| | | |
|---|---|---|
| DCE 225: Latin/Salsa II | | |
| DCE 233: Urban Movement Practices II | | |
| DCE 234: Postmodern Contemporary II | | |
| DCE 236: Somatic Practices II | | |
| MUP 170: Music Theatre I | | |
| MUP 172: Music Theatre II | | |
| THF 101: Acting Introduction | | |
| THP 102: Acting I: Fundamentals | | |
| THP 202: Acting II: Meisner Technique | | |
| THP 272: Introduction to Stage Movement | | |
| THP 277: Acting: Introduction to Voice | | |
| Community Engagement and Education Courses | Upper Division History and Context | Upper Division Physical Practice Courses |
| ART 442: Art and Community | DCE 300: Moving Histories (HU) | DCE 324: Latin/Swing/Ballroom III |
| DCE 350: Dance in the Classroom: Learning Through Movement (HU) | DCE 301: Meaning in Motion (L or HU) | DCE 333: Urban Movement Practices III |
| DCE 354: Creative Approaches to Teaching Dance I | DCE 402: Ethnography of Dance Practices (L) | DCE 334: Postmodern Contemporary III |
| DCE 356: Creative Approaches to Teaching Dance II | DCE 404: Dance and Ethics | DCE 335: Contemporary Ballet III |
| FMP 417: Business and Legal Practices in Entertainment | DCE 405: Rhetorical Moves (L or HU) | DCE 336: Somatic Practices III |
| HDA 310: Socially Engaged Practice | THE 320: History of the Theatre I (HU & H) | DCE 338: Urban Movement Practices Ensemble |
| HDA 311: Work and Careers in the Cultural and Creative Industries | THE 321: History of the Theatre II (HU & H) | IAP 331: Performance Acting and the Individual |
| HDA 420: Design and the Arts Business Administration | THE 322: Theatre History and Culture (HU & H) | MUE 311: Music in the Lives of Children and Youth (HU) |
| THE 325: Play Reading for Educational Theatre | THE 325: Play Reading for Educational Theatre | MUP 370: Music Theatre V |
| THE 480: Methods of Teaching Theatre | THE 421: Shakespeare: Stage and Film (L or HU) | MUP 465: Music Theatre VI |
| THP 311: Creative Drama with Youth (L) | THE 422: Latinx Theatre and Film (HU & C) | MUP 466: Broadway Dance |
| THP 351: Arts Management | THE 423: African American Theatre (C) | MUP 470: Music Theatre VII |
| THP 411: Methods of Teaching Drama | THE 426: Pre-Columbian Theatre of the Americas | MUP 471: Music Theatre: Workshops |
| THP 450: Theatre Organization and Management | THE 429: Studies in European Literature and Culture ((L or HU) & G & H) | MUP 472: Music Theatre VIII |
| THP 482: Theatre for Social Change (C) | THE 430: History of Fashion I (HU) | THP 301: Acting Mainstage |
| | THE 431: History of Fashion II: 20th-Century Fashion | THP 302: Acting III: Advanced Techniques |
| | THE 440: Experimental Theatre and Performance (L) | THP 307: Acting: Ten-Minute Plays |
| | | THP 372: Acting: Advanced Movement |
| | | THP 377: Acting: Voice and Speech |
| | | THP 385: Acting: Shakespeare and the Spanish Golden Age |
| | | THP 387: Screen Acting |

THP 420: Acting: Solo and Collaborative Performance

THP 482: Theatre for Social Change (C)

THP 483: Acting: Viewpoints and Composition

THP 489: Acting: Audition Techniques and Career Development

Upper Division Creative Practices

ART 443: Intermedia Performance

DCE 360: Third-Year Creative Practices I

DCE 361: Third-Year Creative Practices II

DCE 460: Transition Project I

DCE 461: Transition Project II

FMP 300: Focus on Film

IAP 331: Performance Acting and the Individual

IAP 333: Directing for Performance

IAP 334: Conceptual Development in the Arts

THP 318: Directing II: Intermediate Directing

THP 330: Costume Design

THP 332: Makeup

THP 345: Lighting Design

THP 350: Sound Design

THP 355: Media Design for Performance

THP 360: Intermediate Playwriting

THP 420: Acting: Solo and Collaborative Performance

THP 428: Theatre and the Future

THP 440: Advanced Scene Design

THP 455: Advanced Media Design

THP 483: Acting: Viewpoints and Composition

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)

Total Community College Hrs: 64 maximum

- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.








2020 - 2021 Major Map

Theatre, BA

School/College: Herberger Institute for Design and the Arts

Location: Tempe campus

FATHEBA

| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  THF 125: Orientation to Film, Dance and Theatre | 1 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. THF 125: Orientation to Film, Dance and Theatre required of all freshman theatre and film majors only. • Student must complete THP 102 for degree. Student may choose between THP 213 or 214. • Interested in pursuing the Acting concentration or the Design & Production concentration? Please see those specific major maps to ensure the correct courses are taken. • Join a student organization. Get involved in a production. |
| THP 102: Acting I: Fundamentals OR THP 213: Introduction to Technical Theatre or THP 214: Introduction to Costuming | 3-4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| THF 160: Introduction to Storytelling OR THF 215: Design and Composition for Theatre and Film | 3 | C | |
| THP 201: Theatre Production Crew | 1 | C | |
| Mathematics (MA) | 3 | | |
| Maintain 2.50 GPA in Theatre and Film courses. | | | |
| Term hours subtotal: | 14-15 | | |
| Term 2 14 - 31 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  THF 126: School of Film, Dance and Theatre: First-Year Experience | 2 | C | <ul style="list-style-type: none"> • THF 160 and THP 201 must be completed by the end of term 3. • Student must complete THP 102 for degree. Student may choose between THP 213 or 214. • Interested in pursuing the Acting concentration or the Design & Production concentration? Please see those specific major maps to ensure the correct courses are taken. • Find a mentor. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| THF 160: Introduction to Storytelling OR THF 215: Design and Composition for Theatre and Film | 3 | C | |
| THP 102: Acting I: Fundamentals OR THP 213: Introduction to Technical Theatre or THP 214: Introduction to Costuming | 4-3 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Elective | 2 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). Maintain 2.50 GPA in Theatre and Film courses. | | | |
| Term hours subtotal: | 17-16 | | |
| Term 3 31 - 47 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  THF 220: Principles of Dramatic Analysis (L or HU) | 3 | C | <ul style="list-style-type: none"> • THF 215 must be completed by the end of term 4. |
| Natural Science - Quantitative (SQ) | 4 | | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |

Complete 2 courses: 6
 Elective

- ◆ Complete Mathematics (MA) requirement.
 - ◆ Complete THF 160 course(s).
 - ◆ Complete THP 201 course(s).
 - Complete First-Year Composition requirement.
 - Maintain 2.50 GPA in Theatre and Film courses.
- Term hours subtotal: 16

- Interested in pursuing the Acting concentration or the Design & Production concentration? Please see those specific major maps to ensure the correct courses are taken.
- Establish **career interests**, develop soft skills and build a resume.
- Deepen involvement in a production, and narrow your focus.

| Term 4 47 - 60 Credit Hours Critical course signified by ◆ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| THP 218: Directing I: Introduction to Directing | 3 | C | |
| FMP OR THE OR THF OR THP Elective | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| ◆ Complete THF 215 course. | | | |
| ◆ Complete THP 102 AND THP 213 or THP 214 course(s). | | | |
| Maintain 2.50 GPA in Theatre and Film courses. | | | |
| Term hours subtotal: | 13 | | |

| Term 5 60 - 76 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ THP 301: Theatre Production | 1 | C | |
| THE 320: History of the Theatre I (HU & H) | 3 | C | |
| FMP OR THE OR THF OR THP Elective | 3 | C | |
| Complete 3 courses: Upper Division Elective | 9 | | |
| Maintain 2.50 GPA in Theatre and Film courses. | | | |
| ★ Complete THP 218 course(s). | | | |
| Term hours subtotal: | 16 | | |

- Explore **career options**. Start work on a long-term project with faculty mentor.

| Term 6 76 - 92 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ THE 321: History of the Theatre II (HU & H) | 3 | C | |
| THF 397: Professional Development Seminar | 1 | C | |
| Upper Division THE Dramatic Literature course | 3 | C | |
| FMP OR THE OR THF OR THP Upper Division Elective | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Maintain 2.50 GPA in Theatre and Film courses. | | | |
| Term hours subtotal: | 16 | | |

- For the Upper Division THE Dramatic Literature Courses choose one from (THE 421, 422, 423, 426, 440)

| Term 7 92 - 107 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

- ★ THE 421: Shakespeare: Stage and Film (L or HU) OR THE 440: Experimental Theatre and Performance (L) 3

- Start **networking**.

Complete 3 courses:

FMP OR THE OR THF OR THP Upper Division Elective 9 C

Upper Division Elective OR THP 484: Internship 3

Maintain 2.50 GPA in Theatre and Film courses.

Term hours subtotal: 15

- Complete an **internship**.
- Complete a major project in specific area.
- If all Literacy requirements for General Education are complete then choose any course from the Dramatic Literature track group: THE 421, 422, 423, 426, 440

| Term 8 107 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ THP 428: Theatre and the Future OR THF 497: Senior Project | 1-6 | C | <ul style="list-style-type: none"> • Transfer students complete 1 additional hour of elective credit in term 8 to reach 120 hours because THF 125: Orientation to Film, Dance and Theatre (term 1) is not required for transfer students. • Students should choose THP 428 for 3 credits unless their faculty mentor feels there is a reason to do THF 497. |
| Complete 2 courses: | | | |
| FMP OR THE OR THF OR THP Upper Division Elective | 6 | C | |
| FMP OR THE OR THF OR THP Elective | 3 | C | |
| Elective | 3 | | |
| Maintain 2.50 GPA in Theatre and Film courses. | | | |
| Term hours subtotal: | 13-18 | | |

Hide Course List(s)/Track Group(s)

THE Dramatic Literature Course: Select 1 course; 3 credits

THE 421: Shakespeare: Stage and Film (L or HU)

THE 422: Latinx Theatre and Film (HU & C)

THE 423: African American Theatre (C)

THE 426: Pre-Columbian Theatre of the Americas

THE 440: Experimental Theatre and Performance (L)

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.50 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map





Theatre (Acting), BA





School/College: Herberger Institute for Design and the Arts

Location: Tempe campus

FATHEABA

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  THF 125: Orientation to Film, Dance and Theatre | 1 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. THF 125: Orientation to Film, Dance and Theatre fulfills this requirement. • Build your professional connections -- join the ASU Mentor Network. |
|  THP 102: Acting I: Fundamentals | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| THF 160: Introduction to Storytelling OR THF 215: Design and Composition for Theatre and Film | 3 | C | |
| Mathematics (MA) | 3 | | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Maintain 3.00 GPA in Theatre and Film courses. | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |





| Term 2 16 - 31 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  THF 126: School of Film, Dance and Theatre: First-Year Experience | 2 | C | |
|  THP 272: Introduction to Stage Movement OR THP 277: Acting: Introduction to Voice | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| THF 160: Introduction to Storytelling OR THF 215: Design and Composition for Theatre and Film | 3 | C | |
| THP 213: Introduction to Technical Theatre OR THP 214: Introduction to Costuming | 4 | C | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Maintain 3.00 GPA in Theatre and Film courses. | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |





| Term 3 31 - 45 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  THF 220: Principles of Dramatic Analysis (L or HU) | 3 | C | <ul style="list-style-type: none"> • THP 201, and THP 213 or 214 must be completed by end of term 4. • Get involved in projects in the School of Film, Dance and Theatre, and prepare for the audition into the Acting Concentration. |
|  THP 272: Introduction to Stage Movement OR THP 277: Acting: Introduction to Voice | 3 | C | |
| THP 201: Theatre Production Crew | 1 | C | |
| Computer/Statistics/Quantitative Applications (CS) (FMP 255 recommended) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
|  Complete Mathematics (MA) requirement. | | | |
| Complete First-Year Composition requirement. | | | |





Maintain 3.00 GPA in Theatre and Film courses.

Minimum 2.50 GPA ASU Cumulative.

Term hours subtotal: 14

| Term 4 45 - 61 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  THP 202: Acting II: Meisner Technique | 3 | C | |
| THP 218: Directing I: Introduction to Directing | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Elective | 3 | | |
|  Complete THF 160 AND THF 215 course(s). | | | |
|  Complete THP 201 AND THP 213 OR THP 214 course(s). | | | |
| Milestone: Apply for Acting Concentration during Term 4. | | | |
| Maintain 3.00 GPA in Theatre and Film courses. | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 5 61 - 75 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  THF 370: Seminar: Acting Concentration for Stage and Screen | 1 | C | <ul style="list-style-type: none"> Establish a plan of action toward career goals, and continue to build your resume. |
|  THP 301: Theatre Production | 1 | C | |
| THE 320: History of the Theatre I (HU & H) | 3 | C | |
| Upper Division Elective | 3 | | |
| Complete 2 courses: | 6 | | |
| Elective | | | |
|  Complete THP 218 course(s). | | | |
| Maintain 3.00 GPA in Theatre and Film courses. | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 14 | | |

| Term 6 75 - 92 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  THE 321: History of the Theatre II (HU & H) | 3 | C | <ul style="list-style-type: none"> For Upper Division THE Dramatic Literature Course choose one from (THE 421, 422, 423, 426, 440) |
|  THF 370: Seminar: Acting Concentration for Stage and Screen | 1 | C | |
| THF 397: Professional Development Seminar | 1 | C | |
| Upper Division THE Dramatic Literature Course | 3 | C | |
| Complete 2 courses: | 6 | C | |
| Upper Division THP Acting Elective | | | |
| Elective | 3 | | |
|  Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Maintain 3.00 GPA in Theatre and Film courses. | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 17 | | |

| | | Minimum | |
|--|--|---------|--|
|--|--|---------|--|

| Term 7 92 - 108 Credit Hours Necessary course signified by ★ | Hours | Grade | Notes |
|---|-------|-------|---|
| ★ THE 421: Shakespeare: Stage and Film (L or HU) OR THE 440: Experimental Theatre and Performance (L) | 3 | | <ul style="list-style-type: none"> Plan and implement your capstone. Continue building a body of work and materials that are industry standard and that will launch you into your career and/or next project. If all Literacy requirements for General Education is complete then choose any course from the Dramatic Literature track group: THE 421, 422, 423, 426, 440 |
| ★ THF 370: Seminar: Acting Concentration for Stage and Screen | 1 | C | |
| ★ THP 489: Acting: Audition Techniques and Career Development | 3 | C | |
| Upper Division Elective OR THP 484: Internship | 3 | | |
| Complete 2 courses: | | | |
| Upper Division Elective | 6 | | |
| Maintain 3.00 GPA in Theatre and Film courses. | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ THP 428: Theatre and the Future OR THF 497: Senior Project | 1-6 | C | <ul style="list-style-type: none"> Transfer students complete 1 additional hour of elective credit in term 8 to reach 120 hours because THF 125: Orientation to Film, Dance and Theatre (term 1) is not required for transfer students. |
| Upper Division THP Acting Elective | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Upper Division Elective | 3 | | |
| Elective | 2-3 | | |
| Maintain 3.00 GPA in Theatre and Film courses. | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 12-18 | | |

Hide Course List(s)/Track Group(s)

| | |
|---|---|
| Dramatic Literature Course: Select 1 course; 3 credits. | THP Acting Elective Courses: Select 3 courses; 9 credits. |
| THE 421: Shakespeare: Stage and Film (L or HU) | THP 301: Acting Mainstage |
| THE 422: Latinx Theatre and Film (HU & C) | THP 302: Acting III: Advanced Techniques |
| THE 423: African American Theatre (C) | THP 307: Acting: Ten-Minute Plays |
| THE 426: Pre-Columbian Theatre of the Americas | THP 372: Acting: Advanced Movement |
| THE 440: Experimental Theatre and Performance (L) | THP 377: Acting: Voice and Speech |
| | THP 385: Acting: Shakespeare and the Spanish Golden Age |
| | THP 387: Screen Acting |
| | THP 420: Acting: Solo and Collaborative Performance |
| | THP 483: Acting: Viewpoints and Composition |

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 3.00 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)

Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.











2020 - 2021 Major Map

Theatre (Design and Production), BA

School/College: Herberger Institute for Design and the Arts

Location: Tempe campus

FADSNPRBA

| Term 1 0 - 15 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  THF 125: Orientation to Film, Dance and Theatre | 1 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. THF 125: Orientation to Film, Dance and Theatre required of all freshman Theatre and Film majors only. • Develop and build upon a resume. Start collecting portfolio items and/or images. |
|  THF 160: Introduction to Storytelling OR THF 215: Design and Composition for Theatre and Film | 3 | C | |
|  THP 213: Introduction to Technical Theatre OR THP 214: Introduction to Costuming | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| THP 102: Acting I: Fundamentals OR THP 201: Theatre Production Crew | 1-3 | C | |
| Mathematics (MA) | 3 | | |
| Maintain 3.00 GPA in Theatre and Film courses. | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15-17 | | |
| | | | |
| Term 2 15 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  THF 126: School of Film, Dance and Theatre: First-Year Experience | 2 | C | <ul style="list-style-type: none"> • Prospective Design & Production concentration students must successfully pass an interview and portfolio review at the end of term 2. • THP 201 must be completed by the end of term 3. |
|  THF 160: Introduction to Storytelling OR THF 215: Design and Composition for Theatre and Film | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| THP 102: Acting I: Fundamentals OR THP 201: Theatre Production Crew | 3-1 | C | |
| Computer/Statistics/Quantitative Applications (CS) (FMP 255 recommended) | 3 | | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Milestone: Successful completion of an interview and portfolio review. | | | |
| Maintain 3.00 GPA in Theatre and Film courses. | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 17-15 | | |
| | | | |
| Term 3 32 - 46 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  THF 220: Principles of Dramatic Analysis (L or HU) | 3 | C | <ul style="list-style-type: none"> • THP 102 must be completed by the end of term 4. |
| Upper Division Design & Production Core Course | 3 | C | |
| Design & Production Concentration Elective | 1-3 | C | |

| | |
|--|-------|
| Natural Science - Quantitative (SQ) | 4 |
| Elective | 3 |
| ♦ Complete THP 201 course(s). | |
| ♦ Complete Mathematics (MA) requirement. | |
| Complete First-Year Composition requirement. | |
| Maintain 3.00 GPA in Theatre and Film courses. | |
| Minimum 2.50 GPA ASU Cumulative. | |
| Term hours subtotal: | 14-16 |

- Continue to develop a portfolio. Start building a web site.

| Term 4 46 - 61 Credit Hours Critical course signified by ♦ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ♦ THP 213: Introduction to Technical Theatre OR THP 214: Introduction to Costuming | 4 | C | <ul style="list-style-type: none"> • Terms 4 - 8 are for students who have passed the additional interview and portfolio review for the Design & Production concentration. |
| THP 218: Directing I: Introduction to Directing | 3 | C | |
| Design & Production Concentration Elective | 1-3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Elective | 3 | | |
| ♦ Complete THP 102 course. | | | |
| Maintain 3.00 GPA in Theatre and Film courses. | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15-17 | | |

| Term 5 61 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ THP 301: Theatre Production | 1 | C | <ul style="list-style-type: none"> • Start looking for professional internships or jobs. • Attend conferences and build your professional connections -- join the ASU Mentor Network. |
| THE 320: History of the Theatre I (HU & H) | 3 | C | |
| Upper Division Design & Production Core Course | 3 | C | |
| Upper Division Design & Production Concentration Elective | 1-3 | C | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Upper Division Elective | 3 | | |
| ★ Complete THP 218 course(s). | | | |
| Maintain 3.00 GPA in Theatre and Film courses. | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 14-16 | | |

| Term 6 75 - 92 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ THE 321: History of the Theatre II (HU & H) | 3 | C | <ul style="list-style-type: none"> • For the Upper Division THE Dramatic Literature Courses choose one from (THE 421, 422, 423, 426, 440) |
| THF 397: Professional Development Seminar | 1 | C | |
| Upper Division Design & Production Core Course | 3 | C | |
| Upper Division Design & Production Concentration Elective | 1 | C | |
| Upper Division THE Dramatic Literature Course | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Upper Division Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Maintain 3.00 GPA in Theatre and Film courses. | | | |

Minimum 2.50 GPA ASU Cumulative.

Term hours subtotal: 17

| Term 7 92 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ THE 421: Shakespeare: Stage and Film (L or HU) OR THE 440: Experimental Theatre and Performance (L) | 3 | | <ul style="list-style-type: none"> Attend conferences and build your professional connections -- join the ASU Mentor Network Apply for professional jobs or graduate school. If all Literacy requirements for General Education are complete then choose any course from the Dramatic Literature track group: THE 421, 422, 423, 426, 440 |
| Upper Division Design & Production Core Course | 3 | C | |
| Complete 2 courses: | | | |
| Upper Division Design & Production Concentration Elective | 4-6 | C | |
| Elective OR THP 484: Internship | 3 | | |
| Elective | 3 | | |
| Maintain 3.00 GPA in Theatre and Film courses. | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | | 16-18 | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ THF 497: Senior Project OR THP 428: Theatre and the Future | 1-3 | C | <ul style="list-style-type: none"> Transfer students complete 1 additional hour of elective credit in term 8 to reach 120 hours because THF 125: Orientation to Film, Dance and Theatre (term 1) is not required for transfer students. |
| Upper Division Design & Production Concentration Elective | 1-3 | C | |
| Complete 2 courses: | | | |
| Upper Division Elective | 6 | | |
| Elective | 4 | | |
| Maintain 3.00 GPA in Theatre and Film courses. | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | | 12-16 | |

Hide Course List(s)/Track Group(s)

| | | |
|--|---|---|
| Dramatic Literature Course: Select 1 course; 3 credits | Design & Production Concentration Electives: Minimum 9 credits. | Upper Division Design & Production Core (Choose one course from 4 different categories for a total of 12 credits) |
| THE 421: Shakespeare: Stage and Film (L or HU) | FMP 494: Art Direction | Costume Design - THP 330: Costume Design |
| THE 422: Latinx Theatre and Film (HU & C) | THE 430: History of Fashion I (HU) | Scenic Design - THP 340: Scenic Design |
| THE 423: African American Theatre (C) | THP 317: Stage Management | Lighting Design - THP 345: Lighting Design |
| THE 426: Pre-Columbian Theatre of the Americas | THP 330: Costume Design | Sound Design - THP 350: Sound Design |
| THE 440: Experimental Theatre and Performance (L) | THP 331: Costume Construction | Media Design - THP 355: Media Design |
| | THP 332: Makeup | Costume Technology - THP 331: Costume Construction OR THP 431 Advanced Costume Construction OR THP 494: Menswear Patterning |
| | THP 335: Advanced Stagecraft | Scenic Technology - THP 435: Technical Direction OR THP 441: Scene Painting OR THP 494: Rigging for the Stage OR THP 494: Structural & Mechanical Design OR THP 494: Materials for the Stage OR THP 494: Properties for the Stage |
| | THP 340: Scene Design | |
| | THP 345: Lighting Design | |
| | THP 350: Sound Design | |
| | THP 355: Media Design for Performance | |
| | THP 394: Pattern Drafting for Theatre | |
| | THP 401: Advanced Technical Theatre | |

| | |
|---|---|
| THP 401: Costume Construction | Drawing - THP 442: Rendering for Design and Production OR THP 444: Drafting for the Stage |
| THP 401: Lighting Sound and Media | |
| THP 401: Stage Management | Management - THP 317: Stage Management OR THP 351: Arts Management |
| THP 431: Advanced Costume Construction | |
| THP 435: Technical Direction | |
| THP 440: Advanced Scene Design | |
| THP 441: Scene Painting | |
| THP 442: Rendering for Design and Production | |
| THP 444: Drafting for the Stage | |
| THP 445: Advanced Lighting Design | |
| THP 448: AutoCAD for Live Entertainment | |
| THP 449: AutoCAD 3D for Live Entertainment | |
| THP 450: Theatre Organization and Management | |
| THP 455: Advanced Media Design | |
| THP 457: Digital Portfolio | |
| THP 494: Advanced Lighting Technology | |
| THP 494: CAD Drafting | |
| THP 494: Costume Crafts | |
| THP 494: Costume Design II | |
| THP 494: Lighting III: Practical Skills | |
| THP 494: Materials for the Stage | |
| THP 494: Menswear Patterning & Construction Techniques | |
| THP 494: Properties for the Stage | |
| THP 494: Rigging for the Stage | |
| THP 494: Structural and Mechanical Design for the Stage | |
| THP 494: Vectorworks | |
| THP 498: Costume Design | |
| THP 498: Design Practicum | |
| THP 498: Lighting Design | |
| THP 498: Media Design Practicum | |
| THP 498: Props Master | |
| THP 498: Scenic Design | |
| THP 498: Sound Design | |

THP 498: Stage Management

THP 498: Technical Direction

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 3.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.









2020 - 2021 Major Map







Theory and Composition (Composition), **BMUS**





School/College: Herberger Institute for Design and the Arts

Location: Tempe campus

FAMUSTCBM

| Term 1 0 - 15 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  Milestone: School of Music students must successfully complete an entrance audition into the major before enrolling at ASU. | | | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. MAT 142 or higher will fulfill this requirement. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. MUP 101: The ASU School of Music Experience required of all freshman students. • Completion of Piano Diagnostic Exam determines placement into Class Piano courses. • Applicability of transfer credit for ensemble and studio instruction is determined based on successful completion of audition and review of transcripts. • Courses offered in fall semester only: MTC 125, MUP 101, MUP 131. • Complete resume in MUP 101. |
|  Milestone: School of Music students must successfully complete the music theory diagnostic exam before enrolling in School of Music courses. | | | |
|  MTC 123: Beginning Composition | 1 | C | |
|  MTC 125: Basic Music Theory | 3 | C | |
|  MUP 101: The ASU School of Music Experience | 1 | C | |
|  MUP 111: Studio Instruction | 2 | C | |
|  4** MUP Music Ensemble | 1 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MUP 131: Class Piano | 1 | C | |
| Mathematics (MA) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 2 15 - 29 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes | |
|---|-------|---------------|---|--|
|  MTC 123: Beginning Composition | 1 | C | <ul style="list-style-type: none"> • Applicability of transfer credit for ensemble and studio instruction is determined based on successful completion of audition and review of transcripts. • Courses offered in spring semester only: MTC 221, MUP 132. • Familiarize yourself with information about musicians' health. | |
|  MTC 221: Music Theory: 18th Century | 3 | C | | |
|  MUP 111: Studio Instruction | 2 | C | | |
|  4** MUP Music Ensemble | 1 | C | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | | |
| MHL 140: Sounds and Cultures (HU & G) | 3 | C | | |
| MUP 132: Class Piano | 1 | C | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | | |
| Term hours subtotal: | 14 | | | |

| Term 3 29 - 44 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  MTC 123: Beginning Composition | 1 | C | <ul style="list-style-type: none"> • Applicability of transfer credit for ensemble and studio instruction is determined based on successful completion of audition and review of transcripts. |
|  MTC 222: Music Theory: 19th Century | 3 | C | |
|  MUP 111: Studio Instruction | 2 | C | |

| | | |
|---|----|---|
| 4** MUP Music Ensemble | 1 | C |
| MUP 231: Class Piano | 1 | C |
| Computer/Statistics/Quantitative Applications (CS) (MHL 201 recommended) | 3 | |
| Natural Science - Quantitative (SQ) | 4 | |
| Complete MUP 131. | | |
| Complete Mathematics (MA) requirement. | | |
| Complete First-Year Composition requirement. | | |
| Term hours subtotal: | 15 | |

- Courses offered in fall semester only: MTC 222, MUP 231.
- Talk to your studio instructor about ways to enhance your performance skills, and about appropriate ensemble and performance experiences.
- Develop a network of student performers who can read and perform your works.

| Term 4 44 - 61 Credit Hours Critical course signified by ⚠ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ⚠ MTC 123: Beginning Composition | 1 | C | <ul style="list-style-type: none"> • Applicability of transfer credit for ensemble and studio instruction is determined based on successful completion of audition and review of transcripts. • Courses offered in spring semester only: MTC 223, MTC 321 (even numbered spring semesters only), MUP 232. |
| ⚠ MTC 223: Music Theory: 20th Century | 3 | C | |
| ⚠ MUP 111: Studio Instruction | 2 | C | |
| ⚠ 4** MUP Music Ensemble | 1 | C | |
| MTC 321: Tonal Counterpoint | 2 | C | |
| MUP 232: Class Piano | 1 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| ⚠ Complete MUP 132. | | | |
| Term hours subtotal: | 17 | | |

| Term 5 61 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ MTC 323: Composition | 3 | C | <ul style="list-style-type: none"> • Complete one semester of conducting by end of term 6; may choose either MUP 209 or MUP 210. • Courses offered in fall semester only: MTC 320 (odd numbered fall semesters only), MTC 327 (even numbered fall semesters only), MUP 210. |
| ★ Upper Division MHL Through Present Time Course AND Upper Division Humanities, Arts and Design (HU) | 3 | C | |
| MTC 320: Modal Counterpoint | 2 | C | |
| MTC 327: Intermediate Form and Analysis | 3 | C | |
| MUP 121: Studio Instruction | 1 | C | |
| MUP 209: Beginning Choral Conducting OR MUP 210: Beginning Instrumental Conducting | 1 | C | |
| 4** MUP Music Ensemble | 1 | C | |
| ★ Complete MUP 231. | | | |
| Term hours subtotal: | 14 | | |

| Term 6 75 - 92 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ MTC 323: Composition | 3 | C | <ul style="list-style-type: none"> • Course offered in spring semester only: MTC 433. • Gather a list of professional references. |
| ★ MTC 433: Orchestration | 3 | C | |
| ★ Upper Division MHL Course AND Upper Division Humanities, Arts and Design (HU) | 3 | C | |
| MUP 121: Studio Instruction | 1 | C | |
| 4** MUP Music Ensemble | 1 | C | |
| MHL OR MTC OR MUP OR MUE OR MDC Upper Division Elective | 3 | C | |

Literacy and Critical Inquiry (L) 3

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

★ Complete MUP 209 OR MUP 210.

★ Complete MUP 232.

Term hours subtotal: 17

| Term 7 92 - 106 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ MTC 323: Composition | 3 | C | • Courses offered in fall semester only: MTC 425, MTC 436. |
| MTC 425: Studies in 20th-Century Theory | 3 | C | |
| MTC 436: Electronic Studio Techniques I | 2 | C | |
| MHL course (L) Upper Division | 3 | C | |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 14 | | |

| Term 8 106 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ MTC 323: Composition | 3 | C | • Prepare, publicize, and present a public performance. |
| ★ MTC 495: Final Project | 0 | Y | |
| MTC Upper Division Elective | 3 | C | |
| Complete 3 courses: | | | |
| MHL OR MTC OR MUP OR MUE OR MDC Elective | 8-9 | C | |
| Term hours subtotal: | 14-15 | | |

Hide Course List(s)/Track Group(s)

| MUP Ensembles Course List | Upper Division MHL (HU) Through Present Time Course List: Choose 1 course (3 credits) | Upper Division MHL (HU) Course List: Choose 1 course (3 credits) |
|--|---|--|
| MUP 442: Instrumental Ensembles | MHL 342: Music History II (HU) | MHL 341: Music History I (HU) |
| MUP 443: Choral Ensembles or MUP 444: Concert Winds or MUP 450: Choral Union or MUP 455: Arizona Statesmen or MUP 457: Women's Chorus or MUP 458: ASU Gospel Choir | MHL 344: Music in World Cultures (HU & G) | MHL 342: Music History II (HU) |
| MUP 476: New Music Ensemble | MHL 394: Music in the Middle East | MHL 344: Music in World Cultures (HU & G) |
| MUP 485: Percussion Ensemble | MHL 440: Topics in 20th-Century Music (L or HU) | MHL 394: Music in Renaissance Cities |
| MUP 479: Baroque Ensemble | MHL 494: Music and Healing | MHL 394: Music in the Middle East |
| MUP 479: Bass | MHL 494: Music of the Silk Road | MHL 440: Topics in 20th-Century Music (L or HU) |
| MUP 479: Brass Chamber Ensembles | | MHL 494: Music and Healing |
| MUP 479: Flute Choir | | MHL 494: Music of the Silk Road |
| MUP 479: Guitar Ensemble | | |
| MUP 479: Piano Ensemble | | |
| MUP 479: Piano/String/Woodwind/Brass | | |
| MUP 479: Saxophone Choir | | |

MUP 479: Small Saxophone Ensembles

MUP 479: Strings

MUP 479: Trombone Ensemble

MUP 479: Tuba Ensemble

MUP 479: Woodwinds

MUP 486: Concert Jazz Band

MUP 486: Jazz Repertory Band

MUP 486: Latin Jazz Ensemble

MUP 489: Ethnomusicology Ensembles

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.








2020 - 2021 Major Map






Theory and Composition (Theory), BMUS





School/College: [Herberger Institute for Design and the Arts](#)

Location: [Tempe campus](#)

FAMUSTTBM

| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  Milestone: School of Music students must successfully complete an entrance audition into the major before enrolling at ASU. | | | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. MAT 142 or higher will fulfill requirement. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. MUP 101: The ASU School of Music Experience required of all freshman students. • Completion of Piano Diagnostic Exam determines placement into Class Piano courses. • Applicability of transfer credit for ensemble and studio instruction is determined based on successful completion of audition and review of transcripts. • Courses offered in fall semester only: MTC 125, MUP 101, MUP 131. • Complete resume in MUP 101. |
|  Milestone: School of Music students must successfully complete the music theory diagnostic exam before enrolling in School of Music courses. | | | |
|  MTC 125: Basic Music Theory | 3 | C | |
|  MUP 101: The ASU School of Music Experience | 1 | C | |
|  MUP 111: Studio Instruction | 2 | C | |
|  4** MUP Music Ensemble | 1 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MUP 131: Class Piano | 1 | C | |
| Mathematics (MA) | 3 | | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  MTC 221: Music Theory: 18th Century | 3 | C | <ul style="list-style-type: none"> • Applicability of transfer credit for ensemble and studio instruction is determined based on successful completion of audition and review of transcripts. • Courses offered in spring semester only: MTC 221, MUP 132. • Career Milestone: Familiarize yourself with information about musicians' health. |
|  MUP 111: Studio Instruction | 2 | C | |
|  4** MUP Music Ensemble | 1 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MHL 140: Sounds and Cultures (HU & G) | 3 | C | |
| MUP 132: Class Piano | 1 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 47 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  MTC 222: Music Theory: 19th Century | 3 | C | <ul style="list-style-type: none"> • Applicability of transfer credit for ensemble and studio instruction is determined based on successful completion of audition and review of transcripts. |
|  MUP 111: Studio Instruction | 2 | C | |
|  4** MUP Music Ensemble | 1 | C | |

| | | |
|---|----|---|
| MUP 231: Class Piano | 1 | C |
| Computer/Statistics/Quantitative Applications (CS) (MHL 201 recommended) | 3 | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | |
| 🔻 Complete MUP 131. | | |
| 🔻 Complete Mathematics (MA) requirement. | | |
| Complete First-Year Composition requirement. | | |
| Term hours subtotal: | 17 | |

- Courses offered in fall semester only: MTC 222, MUP 231.
- Talk to your studio instructor about ways to enhance your performance skills, and about appropriate ensemble and performance experiences.
- Select a faculty mentor to guide your degree work.

| Term 4 47 - 63 Credit Hours Critical course signified by 🔻 | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| 🔻 MTC 223: Music Theory: 20th Century | 3 | C | <ul style="list-style-type: none"> • Applicability of transfer credit for ensemble and studio instruction is determined based on successful completion of audition and review of transcripts. • Courses offered in spring semester only: MTC 223, MTC 321 (even numbered spring semesters only), MUP 232. |
| 🔻 MUP 111: Studio Instruction | 2 | C | |
| 🔻 4** MUP Music Ensemble | 1 | C | |
| MTC 321: Tonal Counterpoint | 2 | C | |
| MUP 232: Class Piano | 1 | C | |
| MHL OR MTC OR MUP OR MUE OR MDC Elective | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| 🔻 Complete MUP 132. | | | |
| Term hours subtotal: | 16 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by ⭐ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ⭐ Upper Division MHL Through Present Time Course AND Upper Division Humanities, Arts and Design (HU) | 3 | C | <ul style="list-style-type: none"> • Complete one semester of conducting by end of term 6; students may choose either MUP 209 or MUP 210. • Courses offered in fall semester only: MTC 320 (odd numbered fall semesters only), MTC 327 (even numbered fall semesters only), MTC 425, MUP 210. |
| MTC 320: Modal Counterpoint | 2 | C | |
| MTC 327: Intermediate Form and Analysis | 3 | C | |
| MTC 425: Studies in 20th-Century Theory | 3 | C | |
| MUP 209: Beginning Choral Conducting OR MUP 210: Beginning Instrumental Conducting | 1 | C | |
| Upper Division 4** MUP Music Ensemble | 1 | C | |
| MTC Upper Division Elective | 2-3 | C | |
| ⭐ Complete MUP 231. | | | |
| Term hours subtotal: | 15-16 | | |

| Term 6 78 - 92 Credit Hours Necessary course signified by ⭐ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ⭐ Upper Division MHL Course AND Upper Division Humanities, Arts and Design (HU) | 3 | C | <ul style="list-style-type: none"> • Courses offered in spring semester only: MTC 428 (odd numbered spring semesters only). • Gather a list of professional references. |
| MTC 428: Advanced Form and Analysis | 3 | C | |
| Upper Division 4** MUP Music Ensemble | 1 | C | |
| MTC Upper Division Elective | 3 | C | |
| MHL OR MTC OR MUP OR MUE OR MDC Upper Division Elective | 1 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| ⭐ Complete MUP 209 OR MUP 210. | | | |
| ⭐ Complete MUP 232. | | | |

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal: 14

| Term 7 92 - 106 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ MTC 323: Composition | 3 | C | |
| ★ MTC 422: Musical Acoustics | 3 | C | |
| MHL course (L) Upper Division | 3 | C | <ul style="list-style-type: none"> • MHL 438 or MHL 440 (fall only) or MHL 439 (spring only) recommended to complete the upper division music history elective and upper division literacy and critical inquiry general studies requirement. • Courses offered in fall semester only: MTC 422. |
| Upper Division 4** MUP Music Ensemble | 1 | C | |
| MTC Upper Division Elective | 2-3 | C | |
| MHL OR MTC OR MUP OR MUE OR MDC Upper Division Elective | 2-3 | C | |
| Term hours subtotal: | 14-16 | | |

| Term 8 106 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ MTC 496: Theory Project | 3 | C | <ul style="list-style-type: none"> • Complete a capstone project. |
| Upper Division 4** MUP Music Ensemble | 1 | C | |
| MTC Upper Division Elective | 3 | C | |
| MHL OR MTC OR MUP OR MUE OR MDC Elective | 4-5 | C | |
| Elective OR MDC 484: Internship OR MHL 484: Internship OR MTC 484: Internship OR MUE 484: Internship OR MUP 484: Internship | 3 | | |
| Term hours subtotal: | 14-15 | | |

Hide Course List(s)/Track Group(s)

| 4** MUP Ensembles Course List | Upper Division MHL (HU) Through Present Time Course List: Choose 1 course (3 credits) | Upper Division MHL (HU) Course List: Choose 1 course (3 credits) |
|--|---|--|
| MUP 442: Instrumental Ensembles or MUP 444: Concert Winds | MHL 342: Music History II (HU) | MHL 341: Music History I (HU) |
| MUP 443: Choral Ensembles or MUP 450: Choral Union or MUP 455: Arizona Statesmen or MUP 457: Women's Chorus or MUP 458: ASU Gospel Choir | MHL 344: Music in World Cultures (HU & G) | MHL 342: Music History II (HU) |
| MUP 476: New Music Ensemble | MHL 394: Music in the Middle East | MHL 344: Music in World Cultures (HU & G) |
| MUP 485: Percussion Ensemble | MHL 440: Topics in 20th-Century Music (L or HU) | MHL 394: Music in Renaissance Cities |
| MUP 489: Ethnomusicology Ensembles | MHL 494: Music and Healing | MHL 394: Music in the Middle East |
| MUP 479: Baroque Ensemble | MHL 494: Music of the Silk Road | MHL 440: Topics in 20th-Century Music (L or HU) |
| MUP 479: Bass | | MHL 494: Music and Healing |
| MUP 479: Brass Chamber Ensembles | | MHL 494: Music of the Silk Road |
| MUP 479: Clarinet Choir | | |
| MUP 479: Flute Choir | | |
| MUP 479: Guitar Ensemble | | |
| MUP 479: Piano Ensemble | | |

MUP 479: Piano/String/Woodwind/Brass

MUP 479: Saxophone Choir

MUP 479: Small Saxophone Ensembles

MUP 479: Strings

MUP 479: Trombone Ensemble

MUP 479: Tuba Ensemble

MUP 479: Woodwinds

MUP 486: Concert Jazz Band

MUP 486: Jazz Repertory Band

MUP 486: Latin Jazz Ensemble

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map




Aeronautical Management Technology (Air Traffic Management), BS




School/College: [Ira A. Fulton Schools of Engineering](#)

Location: [Polytechnic campus](#)

ESAMTATBS

| Term 1 0 - 13 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  AMT 182: Private Pilot Ground School | 3 | C | <ul style="list-style-type: none"> ASU 101 is required of all first-year students; FSE 310 is required for all new transfer students; LIA 294 is highly recommended for all new veteran students. An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses Mathematics Placement Assessment score determines placement in mathematics course Prep for success using the First-Year Student Guide. Join a Fulton community. Explore engineering and technical professions. |
|  ASU 101-TPS: The ASU Experience OR FSE 310: Transfer Success in Engineering | 1 | | |
| AMT 220: Aviation Meteorology | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 170: Precalculus (MA) | 3 | C | |
| Term hours subtotal: | 13 | | |

| Term 2 13 - 29 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  AMT 201: Air Traffic Control | 3 | C | <ul style="list-style-type: none"> Please note that both PHY 111 and PHY 113 must be taken to secure SQ General Studies credit. Create a Handshake profile. Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| HSE 101: Introduction to Human Systems Engineering (SB) OR PSY 101: Introduction to Psychology (SB) | 3 | C | |
| PHY 111: General Physics (SQ) | 3 | C | |
| PHY 113: General Physics Laboratory (SQ) | 1 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 29 - 43 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  ATC 230: Fundamentals of Air Traffic Management | 3 | C | <ul style="list-style-type: none"> Please note that both PHY 112 and PHY 114 must be taken to secure SQ General Studies credit. Prep for success using the Sophomore Guide |
| AMT 222: Instrument Pilot Ground School | 3 | C | |
| AMT 280: Aerospace Structures, Materials and Systems | 4 | C | |
| PHY 112: General Physics (SQ) | 3 | | |
| PHY 114: General Physics Laboratory (SQ) | 1 | | |
|  Complete MAT 170 course(s). | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 14 | | |

| Term 4 43 - 59 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|---|----|---|
| ❖ HSE 230: Statistics for Human Systems Research I (CS) OR PSY 230: Introduction to Statistics (CS) OR STP 226: Elements of Statistics (CS) | 3 | |
| AMT 214: Commercial Pilot Ground School | 3 | C |
| AMT 287: Aircraft Powerplants | 4 | C |
| Literacy and Critical Inquiry (L) | 3 | |
| Social-Behavioral Sciences (SB) | 3 | |
| ❖ Complete AMT 214 AND AMT 222 course(s). | | |
| Term hours subtotal: | 16 | |

- Pursue an undergraduate research experience.
- Apply for internships.
- Attend career fairs and events.

| Term 5 59 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ AMT 308: Air Transportation (G) | 3 | C | <ul style="list-style-type: none"> • Plan for success using the Junior Guide. • Network at student organization competitions or professional societies. |
| ★ AMT 360: Aircraft Dispatch Ground School | 3 | C | |
| AMT 350: Aircraft Design and Logistics Management | 4 | C | |
| ATC 331: Tower Operations | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 6 75 - 91 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ AMT 460: Aircraft Dispatch Capstone | 3 | C | <ul style="list-style-type: none"> • Research and prepare for graduate school. • Apply for a Fulton Schools 4+1 program. • Develop a professional profile online. |
| AMT 396: Aviation Professional | 1 | C | |
| AMT 408: National Aviation Policy | 3 | C | |
| AMT 442: Aviation Law and Regulations | 3 | C | |
| ATC 332: TRACON Operations | 3 | C | |
| ATC 431: Tower Operations and Procedures | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 7 91 - 106 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ ATC 333: En Route Operations | 3 | C | <ul style="list-style-type: none"> • Plan for success using the Senior Guide. • Use Handshake to apply for full-time positions. • Complete an in person or virtual practice interview. |
| AMT 410: Aviation Safety and Human Factors | 3 | C | |
| ATC 432: TRACON Operations and Procedures | 3 | C | |
| ATC 484: Internship | 3 | C | |
| Upper Division Social-Behavioral Sciences (SB) OR Upper Division Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 106 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ ATC 491: Air Traffic Management Capstone | 3 | C | |
| AMT 444: Airport Management and Planning | 3 | C | |
| ATC 433: En Route Operations and Procedures | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Elective | 2 | | |
| Term hours subtotal: | 14 | | |

Hide Course List(s)/Track Group(s)

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map





Aeronautical Management Technology (Air Transportation Management), BS




School/College: [Ira A. Fulton Schools of Engineering](#)

Location: [Polytechnic campus](#)

TSAMTMB

| Term 1 0 - 13 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  ASU 101-TPS: The ASU Experience OR FSE 310: Transfer Success in Engineering | 1 | | <ul style="list-style-type: none"> ASU 101 is required of all first-year students; FSE 310 is required for all new transfer students; LIA 294 is highly recommended for all new veteran students. An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses Mathematics Placement Assessment score determines placement in mathematics course Prep for success using the First-Year Student Guide. Join a Fulton community. Explore engineering and technical professions. |
|  AMT 182: Private Pilot Ground School | 3 | C | |
| AMT 220: Aviation Meteorology | 3 | C | |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| MAT 170: Precalculus (MA) | 3 | C | |
| Term hours subtotal: | 13 | | |

| Term 2 13 - 29 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  HSE 101: Introduction to Human Systems Engineering (SB) OR PSY 101: Introduction to Psychology (SB) | 3 | C | <ul style="list-style-type: none"> Please note that both PHY 111 and PHY 113 must be taken to secure SQ General Studies credit. Create a Handshake profile. Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
|  TMC 110: Understanding the Enterprise | 3 | C | |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| PHY 111: General Physics (SQ) | 3 | C | |
| PHY 113: General Physics Laboratory (SQ) | 1 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 29 - 43 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  AMT 201: Air Traffic Control | 3 | C | <ul style="list-style-type: none"> Please note that both PHY 112 and PHY 114 must be taken to secure SQ General Studies credit. Prep for success using the Sophomore Guide. |
| AMT 280: Aerospace Structures, Materials and Systems | 4 | C | |
| PHY 112: General Physics (SQ) | 3 | | |
| PHY 114: General Physics Laboratory (SQ) | 1 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
|  Complete MAT 170 course(s). | | | |
| Complete Mathematics (MA) requirement. | | | |

Term hours subtotal: 14

| Term 4 43 - 58 Credit Hours Critical course signified by ⚠ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ⚠ HSE 230: Statistics for Human Systems Research I (CS) OR PSY 230: Introduction to Statistics (CS) OR STP 226: Elements of Statistics (CS) | 3 | | <ul style="list-style-type: none"> • Pursue an undergraduate research experience. • Apply for internships. • Attend career fairs and events. |
| AMT 287: Aircraft Powerplants | 4 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Complete 2 courses: Elective | 5 | | |
| Term hours subtotal: | 15 | | |

| Term 5 58 - 74 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ AMT 308: Air Transportation (G) | 3 | C | <ul style="list-style-type: none"> • Plan for success using the Junior Guide. • Network at student organization competitions or professional societies. |
| ★ TMC 330: Leading the Enterprise | 3 | C | |
| AMT 350: Aircraft Design and Logistics Management | 4 | C | |
| AMT 442: Aviation Law and Regulations | 3 | C | |
| Upper Division Social-Behavioral Sciences (SB) OR Upper Division Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 6 74 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ TMC 310: Promotion of the Enterprise | 3 | C | <ul style="list-style-type: none"> • Research and prepare for graduate school. • Apply for a Fulton Schools 4+1 program. • Develop a professional profile online. |
| AMT 396: Aviation Professional | 1 | C | |
| TMC 410: Enterprise Operations | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ AMT 408: National Aviation Policy | 3 | C | <ul style="list-style-type: none"> • Plan for success using the Senior Guide. • Use Handshake to apply for full-time positions. • Complete an in-person or virtual practice interview. |
| AMT 410: Aviation Safety and Human Factors | 3 | C | |
| AMT 444: Airport Management and Planning | 3 | C | |
| OMT 343: Occupational Safety and Ergonomics OR OMT 440: International Business (G) OR OMT 452: Industrial Human Resource Management OR OMT 480: Organizational Effectiveness | 3 | | |
| TMC 430: Enterprise Strategy and Innovation | 3 | C | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ AMT 491: Aviation Management Capstone | 3 | C | |
| AMT 456: Organized Labor in Aviation | 3 | C | |
| AMT 484: Internship | 3 | C | |
| AMT 489: Airline Administration | 3 | C | |

TMC 470: Enterprise Planning and Implementation 3 C

Term hours subtotal: 15

Hide Course List(s)/Track Group(s)

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.





2020 - 2021 Major Map





Aeronautical Management Technology (Professional Flight), BS




School/College: [Ira A. Fulton Schools of Engineering](#)

Location: [Polytechnic campus](#)

TSAMTFBS

| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  AMT 182: Private Pilot Ground School | 3 | C | <ul style="list-style-type: none"> • Complete Professional Flight Secondary Application. • ASU 101 is required of all first-year students; FSE 310 is required for all new transfer students; LIA 294 is highly recommended for all new veteran students. • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • Prep for success using the First-Year Student Guide. • Join a Fulton community. • Explore engineering and technical professions. |
|  AMT 220: Aviation Meteorology | 3 | C | |
|  ASU 101-TPS: The ASU Experience OR FSE 310: Transfer Success in Engineering | 1 | | |
| AMT 105: Flight Operations and Safety I | 1 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 170: Precalculus (MA) | 3 | C | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 28 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  HSE 101: Introduction to Human Systems Engineering (SB) OR PSY 101: Introduction to Psychology (SB) | 3 | C | <ul style="list-style-type: none"> • Please note that both PHY 111 and PHY 113 must be taken to secure SQ General Studies credit. • Professional Flight students are encouraged to continue to progress in flight courses over the summer session. • Create a Handshake profile. • Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
| AMT 110: Flight Operations and Safety II | 1 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| PHY 111: General Physics (SQ) | 3 | C | |
| PHY 113: General Physics Laboratory (SQ) | 1 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Milestone: Complete secondary admission materials. | | | |
| Term hours subtotal: | 14 | | |

| Term 3 28 - 43 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  AMT 222: Instrument Pilot Ground School | 3 | C | <ul style="list-style-type: none"> • Please note that both PHY 112 and PHY 114 must be taken to secure SQ General Studies credit. • Prep for success using the Sophomore Guide. |
| AMT 150: Flight Operations and Safety III | 1 | C | |
| AMT 201: Air Traffic Control | 3 | C | |
| AMT 280: Aerospace Structures, Materials and Systems | 4 | C | |
| PHY 112: General Physics (SQ) | 3 | | |
| PHY 114: General Physics Laboratory (SQ) | 1 | | |
|  Complete MAT 170 course(s). | | | |

Complete Mathematics (MA) requirement.

Term hours subtotal: 15

| Term 4 43 - 55 Credit Hours Critical course signified by ⚠ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ⚠ AMT 214: Commercial Pilot Ground School | 3 | C | <ul style="list-style-type: none"> Professional Flight students are encouraged to continue to progress in flight courses over the summer session. Pursue an undergraduate research experience. Apply for internships. Attend career fairs and events. |
| AMT 205: Flight Operations and Safety IV | 1 | C | |
| AMT 286: Multiengine Pilot Ground School | 1 | C | |
| AMT 287: Aircraft Powerplants | 4 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 12 | | |

| Term 5 55 - 72 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ AMT 210: Flight Operations and Safety V | 1 | C | <ul style="list-style-type: none"> Plan for success using the Junior Guide. Network at student organization competitions or professional societies. |
| ★ AMT 308: Air Transportation (G) | 3 | C | |
| AMT 285: Flight Instructor Ground School | 3 | C | |
| AMT 350: Aircraft Design and Logistics Management | 4 | C | |
| HSE 230: Statistics for Human Systems Research I (CS) OR PSY 230: Introduction to Statistics (CS) OR STP 226: Elements of Statistics (CS) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 17 | | |

| Term 6 72 - 86 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ AMT 250: Flight Operations and Safety VI | 1 | C | <ul style="list-style-type: none"> Professional Flight students are encouraged to continue to progress in flight courses over the summer session. Research and prepare for graduate school. Apply for a Fulton Schools 4+1 program. Develop a professional profile online. |
| ★ AMT 382: Air Navigation | 3 | C | |
| AMT 292: Flight Instructor Instrument Ground School | 3 | C | |
| AMT 396: Aviation Professional | 1 | C | |
| AMT 442: Aviation Law and Regulations | 3 | C | |
| AMT 444: Airport Management and Planning | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 14 | | |

| Term 7 86 - 102 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ AMT 305: Flight Operations and Safety VII | 1 | C | <ul style="list-style-type: none"> Plan for success using the Senior Guide. Use Handshake to apply for full-time positions. Complete an in person or virtual practice interview. |
| ★ AMT 482: Airline Instrument Procedures | 3 | C | |
| ★ AMT 486: Regional Jet Aircraft Systems | 3 | C | |
| AMT 360: Aircraft Dispatch Ground School | 3 | C | |
| AMT 408: National Aviation Policy | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 8 102 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | |
|--|----|---|
| ★ AMT 490: Regional Jet Operations Capstone | 3 | C |
| AMT 410: Aviation Safety and Human Factors | 3 | C |
| AMT 484: Internship | 2 | C |
| AMT 489: Airline Administration | 3 | C |
| Upper Division Literacy and Critical Inquiry (L) | 3 | |
| Social-Behavioral Sciences (SB) | 3 | |
| Elective (AMT 310 recommended) | 1 | |
| Term hours subtotal: | 18 | |

Hide Course List(s)/Track Group(s)

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map




Aeronautical Management Technology (Unmanned Aerial Systems), BS




School/College: [Ira A. Fulton Schools of Engineering](#)

Location: [Polytechnic campus](#)

TSAMTUASBS

| Term 1 0 - 13 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  AMT 182: Private Pilot Ground School | 3 | C | <ul style="list-style-type: none"> ASU 101 is required of all first-year students; FSE 310 is required for all new transfer students; LIA 294 is highly recommended for all new veteran students. Mathematics Placement Assessment score determines placement in mathematics course Prep for success using the First-Year Student Guide. Join a Fulton community. Explore engineering and technical professions. |
|  ASU 101-TPS: The ASU Experience OR FSE 310: Transfer Success in Engineering | 1 | | |
| AMT 220: Aviation Meteorology | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 170: Precalculus (MA) | 3 | C | |
| Term hours subtotal: | 13 | | |

| Term 2 13 - 29 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  AMT 170: Introduction to Unmanned Aircraft Systems | 3 | C | <ul style="list-style-type: none"> Please note that both PHY 111 and PHY 113 must be taken to secure SQ General Studies credit. Create a Handshake profile. Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| HSE 101: Introduction to Human Systems Engineering (SB) OR PSY 101: Introduction to Psychology (SB) | 3 | C | |
| PHY 111: General Physics (SQ) | 3 | C | |
| PHY 113: General Physics Laboratory (SQ) | 1 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 29 - 45 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  AMT 270: Unmanned Aircraft | 3 | C | <ul style="list-style-type: none"> Please note that both PHY 111 and PHY 113 must be taken to secure SQ General Studies credit. Prep for success using the Sophomore Guide. |
| AMT 280: Aerospace Structures, Materials and Systems | 4 | C | |
| HSE 230: Statistics for Human Systems Research I (CS) OR PSY 230: Introduction to Statistics (CS) OR STP 226: Elements of Statistics (CS) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 3 | | |
|  Complete MAT 170 course(s). | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 45 - 59 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | |
|--|----|---|
| ♦ AMT 201: Air Traffic Control | 3 | C |
| AMT 287: Aircraft Powerplants | 4 | C |
| PHY 112: General Physics (SQ) | 3 | |
| PHY 114: General Physics Laboratory (SQ) | 1 | |
| Literacy and Critical Inquiry (L) | 3 | |
| Term hours subtotal: | 14 | |

- Pursue an undergraduate research experience.
- Apply for internships.
- Attend career fairs and events.

| Term 5 59 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ AMT 308: Air Transportation (G) | 3 | C | <ul style="list-style-type: none"> • Plan for success using the Junior Guide. • Network at student organization competitions or professional societies. |
| AMT 350: Aircraft Design and Logistics Management | 4 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Complete 2 courses: | | | |
| Elective | 6 | | |
| Term hours subtotal: | 16 | | |

| Term 6 75 - 91 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ AMT 370: Unmanned Aircraft Systems | 3 | C | <ul style="list-style-type: none"> • Research and prepare for graduate school. • Apply for a Fulton Schools 4+1 program. • Develop a professional profile online. |
| AMT 396: Aviation Professional | 1 | C | |
| AMT 442: Aviation Law and Regulations | 3 | C | |
| AMT 444: Airport Management and Planning | 3 | C | |
| Upper Division Social-Behavioral Sciences (SB) OR Upper Division Humanities, Arts and Design (HU) | 3 | | |
| Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 7 91 - 104 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ AMT 470: Unmanned Aircraft Payloads, Sensors, and Control Stations | 3 | C | <ul style="list-style-type: none"> • Plan for success using the Senior Guide. • Use Handshake to apply for full-time positions. • Complete an in person or virtual practice interview. |
| AMT 408: National Aviation Policy | 3 | C | |
| AMT 456: Organized Labor in Aviation | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective (EDP 310 recommended) | 1 | | |
| Term hours subtotal: | 13 | | |

| Term 8 104 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ AMT 495: Unmanned Aircraft Systems Operations | 3 | C | |
| AMT 410: Aviation Safety and Human Factors | 3 | C | |
| AMT 484: Internship | 3 | C | |
| AMT 489: Airline Administration | 3 | C | |
| Elective | 4 | | |
| Term hours subtotal: | 16 | | |

Hide Course List(s)/Track Group(s)

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map








Aerospace Engineering (Aeronautics), BSE





School/College: [Ira A. Fulton Schools of Engineering](#)

Location: [Tempe campus](#)

ESAEROBSE

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  MAT 265: Calculus for Engineers I (MA) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • FSE 100 required for first-year students and should be completed first semester. Non-first-year students: see advisor for petitioning replacement electives. • If ENG 105 is taken, a 3 hour applicable elective must also be taken prior to graduation. See advisor. • Prep for success using the First-Year Student Guide. • Join a Fulton community. • Explore engineering and technical professions. |
| ASU 101-AEE: The ASU Experience | 1 | | |
| CHM 114: General Chemistry for Engineers (SQ) OR CHM 116: General Chemistry II (SQ) | 4 | C | |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| FSE 100: Introduction to Engineering | 2 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • Create a Handshake profile. • Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
|  MAT 242: Elementary Linear Algebra | 2 | C | |
|  MAT 266: Calculus for Engineers II (MA) | 3 | C | |
|  PHY 121: University Physics I: Mechanics (SQ) | 3 | C | |
|  PHY 122: University Physics Laboratory I (SQ) | 1 | C | |
| MAE 215: Introduction to Programming in MATLAB | 1 | C | |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 46 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  MAE 201: Mechanics of Particles and Rigid Bodies I: Statics | 3 | C | <ul style="list-style-type: none"> • Prep for success using the Sophomore Guide. |
|  MAT 267: Calculus for Engineers III (MA) | 3 | C | |
|  MAT 275: Modern Differential Equations (MA) | 3 | C | |

| | | |
|--|----|---|
| ⚠ PHY 131: University Physics II: Electricity and Magnetism (SQ) | 3 | C |
| MAE 214: Computer-Aided Engineering I | 1 | C |
| PHY 132: University Physics Laboratory II (SQ) | 1 | C |
| ⚠ Complete CHM 114 OR CHM 116 course(s). | | |
| ⚠ Minimum 2.00 GPA ASU Cumulative. | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 14 | |

| Term 4 46 - 62 Credit Hours Critical course signified by ⚠ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ⚠ MAE 202: Mechanics of Particles and Rigid Bodies II: Dynamics | 3 | C | <ul style="list-style-type: none"> Pursue an undergraduate research experience. Apply for internships. Attend career fairs and events. |
| ⚠ MAE 213: Mechanics of Materials | 3 | C | |
| ⚠ MAE 242: Introduction to Fluid Mechanics | 3 | C | |
| EEE 202: Circuits I | 4 | C | |
| MAE 384: Advanced Mathematical Methods for Engineers (CS) | 3 | C | |
| Term hours subtotal: | 16 | | |

| Term 5 62 - 76 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ AEE 360: Aerodynamics (L) | 4 | C | <ul style="list-style-type: none"> Both AEE 360 and AEE 362 must be taken to secure Literacy and Critical Inquiry (L) General Studies credit. Plan for success using the Junior Guide. Network at student organization competitions or professional societies. |
| MAE 241: Introduction to Thermodynamics | 3 | C | |
| MAE 301: Applied Experimental Statistics | 3 | C | |
| MAE 318: System Dynamics and Control I | 4 | C | |
| Term hours subtotal: | 14 | | |

| Term 6 76 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ AEE 344: Fundamentals of Aircraft Design | 3 | C | <ul style="list-style-type: none"> Both AEE 362 and AEE 360 must be taken to secure Literacy and Critical Inquiry (L) General Studies credit. Research and prepare for graduate school. Apply for an engineering 4+1 program. Develop a professional profile online. |
| AEE 313: Aircraft Dynamics and Control | 3 | C | |
| AEE 325: Aerospace Structures and Materials | 4 | C | |
| AEE 362: High-Speed Aerodynamics (L) | 4 | C | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 17 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ AEE 463: Aircraft Propulsion | 3 | C | <ul style="list-style-type: none"> For additional information about Upper Division Technical Elective course options, please visit: Upper Division Technical Electives Plan for success using the Senior Guide. Use Handshake to apply for full-time positions. Complete an in person or virtual practice interview. |
| AEE 415: Vibration Analysis | 3 | C | |
| MAE 400: Engineering Profession (L) | 3 | C | |
| Upper Division Technical Elective | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | |
|---|---|----|
| ★ AEE 468: Aircraft Systems Design | 3 | C |
| AEE 462: Space Vehicle Dynamics and Control | 3 | C |
| Upper Division Technical Elective | 3 | C |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | |
| Term hours subtotal: | | 12 |

- For additional information about Upper Division Technical Electives, please visit: [Upper Division Technical Electives](#)

- For additional information about Upper Division Technical Elective options, please visit: [Upper Division Technical Electives](#).

Hide Course List(s)/Track Group(s)

| |
|---|
| Upper Division Technical Electives |
| AEE 426: Design of Aerospace Structures |
| AEE 466: Rotary Wing Aerodynamics and Performance |
| AEE 471: Computational Fluid Dynamics |
| EEE 407: Digital Signal Processing |
| EEE 480: Feedback Systems |
| EEE 481: Computer-Controlled Systems |
| MAE 341: Mechanism Analysis and Design |
| MAE 404: Finite Elements in Engineering |
| MAE 417: System Dynamics and Control II |
| MAE 436: Combustion |
| MAE 455: Polymers and Composites |
| MAE 460: Applied Computational Fluid Dynamics |
| MAE 494: Design Optimization |
| MAE 494: Theories and Techniques of Direct CAD Modeling |
| MEE 323: Computer-Aided Engineering II |
| MEE 340: Heat Transfer |
| MEE 351: Manufacturing Processes |
| MEE 434: Internal Combustion Engines |
| MEE 440: Renewable Energy: Mechanical Systems |
| MEE 441: Wind Energy |
| MEE 472: Intermediate Fluid Mechanics |
| MEE 482: Intermediate Thermodynamics |

SES 407: Space Works II: Model Fabricate and Test

SES 494: Modeling and Analysis of Space Thermal Systems

Students may choose no more than one course from the following:

AST 321: Introduction to Planetary and Stellar Astrophysics (SQ)

AST 322: Introduction to Galactic and Extragalactic Astrophysics (SQ)

BME 350: Signals and Systems for Bioengineers

CEE 440: Hydrology

CHE 468: Polymer Principles and Processing

CHE 478: Biomass Energy Conversion Technology

CHE 494: Six Sigma Methodology/Engineering Experimentation

CHM 325: Analytical Chemistry

EEE 304: Signals and Systems II

EEE 333: Hardware Design Languages and Programmable Logic

EEE 334: Circuits II

EEE 350: Random Signal Analysis

EGR 317: Humanitarian Engineering Project II

EGR 433: Transforms and Systems Modeling

FSE 301: Entrepreneurship and Value Creation

FSE 394: Engineering in Global Context

IEE 300: Economic Analysis for Engineers

MAT 300: Mathematical Structures (L)

MAT 371: Advanced Calculus I

MAT 420: Scientific Computing

MAT 421: Applied Computational Methods (CS)

MAT 423: Numerical Analysis I (CS)

MAT 425: Numerical Analysis II (CS)

MAT 451: Mathematical Modeling (CS)

MSE 330: Thermodynamics of Materials

PHY 310: Classical Particles Fields and Matter I

PHY 361: Introductory Modern Physics

SES 311: Essentials of Astrobiology:
Exploration for Life in the Universe

SES 350: Engineering Systems and
Experimental Problem Solving

SES 405: Exploration Systems Engineering

SES 410: Senior Exploration Project I

By approval only:

MAE 484: Internship

MAE 492: Honors Directed Study

MAE 493: Honors Thesis (L)

MAE 498: Pro-Seminar or MAE 499:
Individualized Instruction

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map








Aerospace Engineering (Astronautics), BSE





School/College: [Ira A. Fulton Schools of Engineering](#)

Location: [Tempe campus](#)

ESAEASBSE

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  MAT 265: Calculus for Engineers I (MA) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • FSE 100 required for first-year students and should be completed the first semester. • If ENG 105 is taken, a 3 hour applicable elective must also be taken prior to graduation. See advisor. • Prep for success using the First-Year Student Guide. • Join a Fulton community. • Explore engineering and technical professions. |
| ASU 101-AEE: The ASU Experience | 1 | | |
| CHM 114: General Chemistry for Engineers (SQ) OR CHM 116: General Chemistry II (SQ) | 4 | C | |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| FSE 100: Introduction to Engineering OR SES 100: Introduction to Exploration (CS) | 2-3 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16-17 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • Create a Handshake profile. • Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
|  MAT 242: Elementary Linear Algebra | 2 | C | |
|  MAT 266: Calculus for Engineers II (MA) | 3 | C | |
|  PHY 121: University Physics I: Mechanics (SQ) | 3 | C | |
|  PHY 122: University Physics Laboratory I (SQ) | 1 | C | |
| MAE 215: Introduction to Programming in MATLAB | 1 | C | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 46 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  MAE 201: Mechanics of Particles and Rigid Bodies I: Statics | 3 | C | <ul style="list-style-type: none"> • Prep for success using the Sophomore Guide. |
|  MAT 267: Calculus for Engineers III (MA) | 3 | C | |
|  MAT 275: Modern Differential Equations (MA) | 3 | C | |

| | | |
|--|----|---|
| ⚠ PHY 131: University Physics II: Electricity and Magnetism (SQ) | 3 | C |
| MAE 214: Computer-Aided Engineering I | 1 | C |
| PHY 132: University Physics Laboratory II (SQ) | 1 | C |
| ⚠ Complete CHM 114 OR CHM 116 course(s). | | |
| ⚠ Minimum 2.00 GPA ASU Cumulative. | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 14 | |

| Term 4 46 - 62 Credit Hours Critical course signified by ⚠ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ⚠ MAE 202: Mechanics of Particles and Rigid Bodies II: Dynamics | 3 | C | <ul style="list-style-type: none"> Pursue an undergraduate research experience. Apply for internships. Attend career fairs and events. |
| ⚠ MAE 213: Mechanics of Materials | 3 | C | |
| ⚠ MAE 242: Introduction to Fluid Mechanics | 3 | C | |
| EEE 202: Circuits I | 4 | C | |
| MAE 384: Advanced Mathematical Methods for Engineers (CS) | 3 | C | |
| Term hours subtotal: | 16 | | |

| Term 5 62 - 79 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ AEE 360: Aerodynamics (L) | 4 | C | <ul style="list-style-type: none"> Both AEE 360 and AEE 362 must be taken to secure Literacy and Critical Inquiry (L) General Studies credit. Plan for success using the Junior Guide. Network at student organization competitions or professional societies. |
| EEE 203: Signals and Systems I | 3 | C | |
| MAE 241: Introduction to Thermodynamics | 3 | C | |
| MAE 301: Applied Experimental Statistics | 3 | C | |
| MAE 318: System Dynamics and Control I | 4 | C | |
| Term hours subtotal: | 17 | | |

| Term 6 79 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ AEE 462: Space Vehicle Dynamics and Control | 3 | C | <ul style="list-style-type: none"> Both AEE 362 and AEE 360 must be taken to secure Literacy and Critical Inquiry (L) General Studies credit. Research and prepare for graduate school. Apply for an engineering 4+1 program. Develop a professional profile online. |
| AEE 325: Aerospace Structures and Materials | 4 | C | |
| AEE 362: High-Speed Aerodynamics (L) | 4 | C | |
| EEE 350: Random Signal Analysis | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 14 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ AEE 445: Fundamentals of Spacecraft Design | 3 | C | <ul style="list-style-type: none"> Plan for success using the Senior Guide. Use Handshake to apply for full-time positions. Complete an in-person or virtual practice interview. |
| AEE 465: Rocket Propulsion | 3 | C | |
| MAE 400: Engineering Profession (L) | 3 | C | |
| Upper Division EEE Technical Elective | 3 | C | |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ AEE 480: Space Systems Design | 3 | C | |
| Upper Division Technical Elective | 3 | C | |

| | |
|---|----|
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 |
| Humanities, Arts and Design (HU) | 3 |
| Term hours subtotal: | 12 |

- For more information about Technical Electives, please visit: [Upper Division Technical Electives](#).

- For more information about Upper Division Technical Elective options, please visit: [Upper Division Technical Electives](#).

Hide Course List(s)/Track Group(s)

| Upper Division EEE Technical Elective | Upper Division Technical Elective |
|---------------------------------------|---|
| EEE 455: Communication Systems | AEE 313: Aircraft Dynamics and Control |
| EEE 459: Communication Networks | AEE 344: Fundamentals of Aircraft Design |
| | AEE 415: Vibration Analysis |
| | AEE 426: Design of Aerospace Structures |
| | AEE 463: Aircraft Propulsion |
| | AEE 466: Rotary Wing Aerodynamics and Performance |
| | AEE 471: Computational Fluid Dynamics |
| | AST 321: Introduction to Planetary and Stellar Astrophysics (SQ) |
| | AST 322: Introduction to Galactic and Extragalactic Astrophysics (SQ) |
| | CHE 468: Polymer Principles and Processing |
| | CHE 478: Biomass Energy Conversion Technology |
| | CHE 494: Six Sigma Methodology/Engineering Experimentation |
| | CHM 325: Analytical Chemistry |
| | EEE 304: Signals and Systems II |
| | EEE 333: Hardware Design Languages and Programmable Logic |
| | EEE 334: Circuits II |
| | EEE 407: Digital Signal Processing |
| | EEE 480: Feedback Systems |
| | EEE 481: Computer-Controlled Systems |
| | EGR 317: Humanitarian Engineering Project II |
| | EGR 433: Transforms and Systems Modeling |
| | FSE 301: Entrepreneurship and Value Creation |

FSE 394: Engineering in Global Context

GLG 404: Fundamentals of Planetary Geology

IEE 300: Economic Analysis for Engineers

MAE 341: Mechanism Analysis and Design

MAE 404: Finite Elements in Engineering

MAE 417: System Dynamics and Control II

MAE 436: Combustion

MAE 455: Polymers and Composites

MAT 300: Mathematical Structures (L)

MAT 371: Advanced Calculus I

MAT 420: Scientific Computing

MAT 421: Applied Computational Methods (CS)

MAT 423: Numerical Analysis I (CS)

MAT 425: Numerical Analysis II (CS)

MAT 451: Mathematical Modeling (CS)

MEE 323: Computer-Aided Engineering II

MEE 340: Heat Transfer

MEE 351: Manufacturing Processes

MEE 434: Internal Combustion Engines

MEE 440: Renewable Energy: Mechanical Systems

MEE 441: Wind Energy

MEE 472: Intermediate Fluid Mechanics

MEE 482: Intermediate Thermodynamics

MSE 330: Thermodynamics of Materials

PHY 310: Classical Particles Fields and Matter I

PHY 361: Introductory Modern Physics

SES 311: Essentials of Astrobiology: Exploration for Life in the Universe

SES 350: Engineering Systems and Experimental Problem Solving

SES 405: Exploration Systems Engineering

SES 407: Space Works II: Model Fabricate and Test

SES 410: Senior Exploration Project I

SES 494: Modeling and Analysis of Space Thermal Systems

Academic Catalog Archive 2020-2021

By approval only:

MAE 484: Internship

MAE 492: Honors Directed Study

MAE 493: Honors Thesis (L)

MAE 498: Pro-Seminar or MAE 499:
Individualized Instruction

*Students who do not meet the enrollment requirements for these courses may be allowed to enroll with instructor consent. Courses not listed here require a department petition form. To take any 494 class please check with your advisor first. A max of 3 credits from MAE 484/498/499 can be applied toward the TE requirements.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map








Aerospace Engineering (Autonomous Vehicle Systems), BSE




School/College: [Ira A. Fulton Schools of Engineering](#)

Location: [Tempe campus](#)

ESAEAVSBSE

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  MAT 265: Calculus for Engineers I (MA) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • FSE 100 required for first-year students and should be completed the first semester. Non-first-year students: see advisor for petitioning replacement electives. • If ENG 105 is taken, a 3 hour applicable elective must also be taken prior to graduation. See advisor. • Prep for success using the First-Year Student Guide. • Join a Fulton community. • Explore engineering and technical professions. |
| ASU 101-AEE: The ASU Experience | 1 | | |
| CHM 114: General Chemistry for Engineers (SQ) OR CHM 116: General Chemistry II (SQ) | 4 | C | |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| FSE 100: Introduction to Engineering | 2 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • Create a Handshake profile. • Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
|  MAT 242: Elementary Linear Algebra | 2 | C | |
|  MAT 266: Calculus for Engineers II (MA) | 3 | C | |
|  PHY 121: University Physics I: Mechanics (SQ) | 3 | C | |
|  PHY 122: University Physics Laboratory I (SQ) | 1 | C | |
| MAE 215: Introduction to Programming in MATLAB | 1 | C | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). Term hours subtotal: | 16 | | |

| Term 3 32 - 46 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  MAE 201: Mechanics of Particles and Rigid Bodies I: Statics | 3 | C | <ul style="list-style-type: none"> • Prep for success using the Sophomore Guide. |
|  MAT 267: Calculus for Engineers III (MA) | 3 | C | |

| | | |
|--|---|----|
| ⚠ MAT 275: Modern Differential Equations (MA) | 3 | C |
| ⚠ PHY 131: University Physics II: Electricity and Magnetism (SQ) | 3 | C |
| PHY 132: University Physics Laboratory II (SQ) | 1 | C |
| MAE 214: Computer-Aided Engineering I | 1 | C |
| ⚠ Complete CHM 114 OR CHM 116 course(s). | | |
| Complete Mathematics (MA) requirement. | | |
| ⚠ Minimum 2.00 GPA ASU Cumulative. | | |
| Term hours subtotal: | | 14 |

- Create a **technical resume**.

| Term 4 46 - 62 Credit Hours Critical course signified by ⚠ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ⚠ MAE 202: Mechanics of Particles and Rigid Bodies II: Dynamics | 3 | C | <ul style="list-style-type: none"> • Pursue an undergraduate research experience. • Apply for internships. • Attend career fairs and events. |
| ⚠ MAE 213: Mechanics of Materials | 3 | C | |
| ⚠ MAE 242: Introduction to Fluid Mechanics | 3 | C | |
| EEE 202: Circuits I | 4 | C | |
| MAE 384: Advanced Mathematical Methods for Engineers (CS) | 3 | C | |
| Term hours subtotal: | | 16 | |

| Term 5 62 - 76 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ AEE 360: Aerodynamics (L) | 4 | C | <ul style="list-style-type: none"> • Both AEE 360 and AEE 362 must be taken to secure Literacy and Critical Inquiry (L) General Studies credit. • Plan for success using the Junior Guide. • Network at student organization competitions or professional societies. |
| MAE 241: Introduction to Thermodynamics | 3 | C | |
| MAE 301: Applied Experimental Statistics | 3 | C | |
| MAE 318: System Dynamics and Control I | 4 | C | |
| Term hours subtotal: | | 14 | |

| Term 6 76 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ AEE 313: Aircraft Dynamics and Control | 3 | C | <ul style="list-style-type: none"> • Both AEE 362 and AEE 360 must be taken to secure Literacy and Critical Inquiry (L) General Studies credit. • Research and prepare for graduate school. • Apply for an engineering 4+1 program. • Develop a professional profile online. |
| AEE 325: Aerospace Structures and Materials | 4 | C | |
| AEE 362: High-Speed Aerodynamics (L) | 4 | C | |
| Track Focus Course | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | | 17 | |

| Term 7 93 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ AEE 478: Fundamentals of Autonomous Aircraft Systems | 3 | C | <ul style="list-style-type: none"> • Plan for success using the Senior Guide. • Use Handshake to apply for full-time positions. • Complete an in-person or virtual practice interview. |
| AEE 463: Aircraft Propulsion | 3 | C | |
| MAE 400: Engineering Profession (L) | 3 | C | |
| Upper Division Track Focus Course | 3 | C | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | | 15 | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | |
|---|----|---|
| ★ AEE 479: Design of Autonomous Aircraft Systems | 3 | C |
| AEE 462: Space Vehicle Dynamics and Control | 3 | C |
| POS 325: Public Policy Development (SB) OR POS 300: Contemporary Global Controversies (SB & G) OR POS 370: Law and Society (SB) OR PHI 306: Applied Ethics (HU) | 3 | |
| Upper Division Track Focus Course | 3 | C |
| Term hours subtotal: | 12 | |

- Track Focus courses are listed below. Students must select 3 courses from the same track.

Hide Course List(s)/Track Group(s)

| Communications Track | Guidance Navigation and Controls Track |
|---|---|
| EEE 203: Signals and Systems I | EEE 480: Feedback Systems |
| EEE 304: Signals and Systems II | EEE 481: Computer-Controlled Systems |
| EEE 350: Random Signal Analysis | EEE 582: Linear System Theory |
| EEE 455: Communication Systems | MAE 417: System Dynamics and Control II |
| EEE 459: Communication Networks | MAE 494: Guidance and Navigation of Aerospace Vehicles |
| *Students who do not meet the enrollment requirements for these courses may be allowed to enroll with instructor consent. Courses not listed here require a department petition form. | MAE 506: Advanced System Modeling Dynamics and Control |
| | *Students who do not meet the enrollment requirements for these courses may be allowed to enroll with instructor consent. Courses not listed here require a department petition form. |

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.

2020 - 2021 Major Map

Applied Science (Aviation), **BAS**

School/College: [Ira A. Fulton Schools of Engineering](#)

Location: [Polytechnic campus](#)

TSAMTABAS

| Applicable Community College Prerequisites 0 - 60 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

AAS Transfer Degree Block

60

Term hours subtotal:

60

- Students may meet lower division general studies requirements with the AAS degree.
- Students must complete all ASU general studies requirements in order to earn ASU BAS degree.
- Students should work with their academic advisor to run DARS graduation audit to determine needed general studies requirements.

| Term 5 60 - 76 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

★ AMT 308: Air Transportation (G)

3

C

AMT Upper Division Elective

3

C

Upper Division Elective (ASC 315 recommended)

3

Upper Division Elective (ASC 325 recommended)

4

Upper Division Elective

3

Term hours subtotal:

16

- If MA requirement not already met with AAS degree, ASC 315 is recommended. If MA requirement already met with AAS degree, student should take an upper-division elective.
- If SQ requirement not already met with AAS degree, ASC 325 is recommended. If SQ requirement already met with AAS degree, student should take an upper-division elective.
- Plan for success using the [Junior Guide](#).
- Network at [student organization](#) competitions or professional societies.

| Term 6 76 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

★ AMT 442: Aviation Law and Regulations

3

C

AMT 396: Aviation Professional

1

C

TMC 330: Leading the Enterprise OR AMT 370: Unmanned Aircraft Systems

3

C

Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)

3

Upper Division Elective

1

Any needed lower division General Studies requirement OR Elective

3

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal:

14

- Students who wish to follow the Management Focus Area should take TMC 330; students who wish to follow the Unmanned Aerial Systems Focus Area should take AMT 370.
- Research and prepare for [graduate school](#).
- Apply for a [Fulton Schools 4+1 program](#).
- Develop a [professional profile online](#).

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

★ AMT 408: National Aviation Policy

3

C

| | | |
|--|----|---|
| TMC 470: Enterprise Planning and Implementation OR AMT 470: Unmanned Aircraft Payloads, Sensors, and Control Stations | 3 | C |
| Upper Division Literacy and Critical Inquiry (L) | 3 | |
| <i>Complete 2 courses:</i> | | |
| Any needed lower division General Studies requirement OR Elective | 6 | |
| Term hours subtotal: | 15 | |

- For the Management Focus Area, take TMC 470; for Unmanned Aerial Systems Focus Area, take AMT 470.
- Plan for success using the **Senior Guide**.
- Use **Handshake** to apply for full-time positions.
- Complete an in person or virtual **practice interview**.

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ AMT 489: Airline Administration | 3 | C | • For Management Focus Area, take AMT 491; for the Unmanned Aerial Systems Focus Area, take AMT 495. |
| AMT 491: Aviation Management Capstone OR AMT 495: Unmanned Aircraft Systems Operations | 3 | C | |
| AMT Upper Division Elective | 3 | C | |
| Upper Division Elective | 3 | | |
| Any needed lower division General Studies requirement OR Elective | 3 | | |
| Term hours subtotal: | 15 | | |

Hide Course List(s)/Track Group(s)

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.

2020 - 2021 Major Map

Applied Science (Graphic Information Technology), **BAS**

School/College: [Ira A. Fulton Schools of Engineering](#)

Location: [Polytechnic campus](#)

TSGITBAS

| Applicable Community College Prerequisites 0 - 60 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

AAS Transfer Degree Block

60

Term hours subtotal:

60

- Students may meet lower division general studies requirements with the AAS degree.
- Students must complete all ASU general studies requirements in order to earn ASU BAS degree.
- Students should work with their academic advisor to run DARS graduation audit to determine needed general studies requirements.

| Term 5 60 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

★ GIT 337: Web Content Design

3

GIT 315: Digital Video Techniques

3

GIT 384: Commercial Photography

3

Focus Area

3

Any needed lower division General Studies requirement OR

Elective

3

Term hours subtotal:

15

- Knowledge of HTML and CSS is necessary for success in GIT 337.
- Select a primary focus area consisting of 12 credit hours of focused courses (minimum of 9 hours must be upper-division). Sample focus areas are listed below. Additional focus areas may be available, please check with your academic advisor.
- Plan for success using the [Junior Guide](#).
- Network at [student organization](#) competitions or professional societies.

| Term 6 75 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

★ GIT 303: Digital Publishing

3

GIT 314: Multimedia Design, Planning and Storyboards

3

Upper Division Focus Area

3

Complete 2 courses:

Any needed lower division General Studies requirement OR Elective

6

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal:

15

- Research and prepare for [graduate school](#).
- Apply for a [Fulton Schools 4+1 program](#).
- Develop a [professional profile online](#).

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

★ GIT 450: Digital Workflow in Graphic Industries

3

GIT 432: Graphic Industry Business Practices

3

Upper Division Focus Area

3

Upper Division Elective

3

Any needed lower division General Studies requirement OR Elective

3

Term hours subtotal:

15

- Plan for success using the [Senior Guide](#).
- Use [Handshake](#) to apply for full-time positions.
- Complete an in person or virtual [practice interview](#).

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ GIT 480: Senior Project | 3 | | |
| GIT 413: Professional Portfolio Design and Presentation | 3 | | |
| Upper Division Focus Area | 3 | | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Literacy and Critical Inquiry (L) (TWC 301 OR TWC 401 OR TWC 411 OR TWC 421 recommended) | 3 | | |
| Term hours subtotal: | 15 | | |

- Students in the BAS GIT program select a primary focus area consisting of 12 credit hours of focused courses (minimum of nine hours must be upper-division). Sample focus areas are listed below. Additional focus areas may be available, please check with your academic advisor.

Hide Course List(s)/Track Group(s)

| | | |
|---|---|--|
| Commercial Photography and Video | Digital Design Print and Publishing | Front-End Web Design and Development |
| GIT 295: Introduction to Technical Imaging | GIT 333: Printing Technology | GIT 340: Information Design and Usability |
| GIT 334: Image Editing and Manipulation | GIT 334: Image Editing and Manipulation | GIT 414: Web Site Design and Internet/Web Technologies |
| GIT 415: Advanced Digital Video Techniques | GIT 437: Color Reproduction Systems | GIT 417: Advanced Web Markup and Scripting |
| GIT 490: Advanced Commercial Photography | GIT 494: Special Topics | GIT 418: Multimedia Authoring Scripting and Production |
| GIT 494: Special Topics | TWC 411: Principles of Visual Communication (L) | GIT 435: Website and E-Commerce Strategies |
| | | GIT 494: Special Topics |
| Game Art & Animation | | |
| GIT 211: Introduction to Video Game Art | | |
| GIT 312: 3-D Computer Graphics Modeling and Representation (CS) | | |
| GIT 334: Image Editing and Manipulation | | |
| GIT 411: Computer Animation | | |
| GIT 494: Special Topics | | |

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)

- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.

2020 - 2021 Major Map

Applied Science (Graphic Information Technology), **BAS**

School/College: [Ira A. Fulton Schools of Engineering](#)

Location: [Online](#)

TSGITBAS

| Applicable Community College Prerequisites 0 - 60 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| AAS Transfer Degree Block | 60 | | |
| Term hours subtotal: | 60 | | <ul style="list-style-type: none"> • Students may meet lower division general studies requirements with the AAS degree. • Students must complete all ASU general studies requirements in order to earn ASU BAS degree. • Students should work with their academic advisor to run DARS graduation audit to determine needed general studies requirements. |

| Term 5 - A 60 - 66 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ GIT 337: Web Content Design | 3 | | |
| GIT 315: Digital Video Techniques | 3 | | |
| Term hours subtotal: | 6 | | <ul style="list-style-type: none"> • Select a primary focus area consisting of 12 credit hours of focused courses (minimum of nine hours must be upper-division). Sample focus areas are listed below. Additional focus areas may be available, please check with your academic advisor. • Plan for success using the Junior Guide. • Network at student organization competitions or professional societies. |

| Term 5 - B 66 - 75 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| GIT 384: Commercial Photography | 3 | | |
| Focus Area | 3 | | |
| Any needed lower division General Studies requirement OR Elective | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 6 - A 75 - 84 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ GIT 303: Digital Publishing | 3 | | |
| Upper Division Focus Area | 3 | | |
| Any needed lower division General Studies requirement OR Elective | 3 | | |
| Term hours subtotal: | 9 | | <ul style="list-style-type: none"> • Research and prepare for graduate school. • Apply for a Fulton Schools 4+1 program. • Develop a professional profile online. |

| Term 6 - B 84 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| GIT 314: Multimedia Design, Planning and Storyboards | 3 | | |
| Any needed lower division General Studies requirement OR Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 7 - A 90 - 99 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ GIT 450: Digital Workflow in Graphic Industries | 3 | | <ul style="list-style-type: none"> • Plan for success using the Senior Guide. • Use Handshake to apply for full-time positions. • Complete an in person or virtual practice interview. |
| Upper Division Focus Area | 3 | | |
| Any needed lower division General Studies requirement OR Elective | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 7 - B 99 - 105 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| GIT 432: Graphic Industry Business Practices | 3 | | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 105 - 114 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| GIT 413: Professional Portfolio Design and Presentation | 3 | | |
| Upper Division Focus Area | 3 | | |
| Upper Division Literacy and Critical Inquiry (L) (TWC 301 OR TWC 401 OR TWC 411 OR TWC 421 recommended) | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 8 - B 114 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ GIT 480: Senior Project | 3 | | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 6 | | |

Hide Course List(s)/Track Group(s)

| Digital Design Print and Publishing | Front-End Web Design and Development | Game Art & Animation |
|---|--|---|
| GIT 333: Printing Technology | GIT 340: Information Design and Usability | GIT 211: Introduction to Video Game Art |
| GIT 334: Image Editing and Manipulation | GIT 414: Web Site Design and Internet/Web Technologies | GIT 312: 3-D Computer Graphics Modeling and Representation (CS) |
| GIT 437: Color Reproduction Systems | GIT 417: Advanced Web Markup and Scripting | GIT 334: Image Editing and Manipulation |
| GIT 494: Special Topics | GIT 418: Multimedia Authoring Scripting and Production | GIT 411: Computer Animation |
| TWC 411: Principles of Visual Communication (L) | GIT 435: Website and E-Commerce Strategies | GIT 494: Special Topics |
| | GIT 494: Special Topics | |

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum

General University Requirements Legend

- General Studies Core Requirements:
- Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.

2020 - 2021 Major Map

Applied Science (Internet and Web Development), BAS

School/College: [Ira A. Fulton Schools of Engineering](#)

Location: [Polytechnic campus](#)

TSIWDBAS

| Applicable Community College Prerequisites 0 - 60 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

AAS Transfer Degree Block

60

Term hours subtotal:

60

- Students may meet lower division general studies requirements with the AAS degree.
- Students must complete all ASU general studies requirements in order to earn ASU BAS degree.
- Students should work with their academic advisor to run DARS graduation audit to determine needed general studies requirements.

| Term 5 60 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

★ GIT 337: Web Content Design

3

GIT 334: Image Editing and Manipulation

3

GIT 340: Information Design and Usability

3

Upper Division Elective

3

Any needed lower division General Studies requirement OR Elective

3

Term hours subtotal:

15

- Knowledge of HTML and CSS is necessary for success in GIT 337.
- Plan for success using the [Junior Guide](#).
- Network at [student organization](#) competitions or professional societies.

| Term 6 75 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

★ GIT 417: Advanced Web Markup and Scripting

3

GIT 414: Web Site Design and Internet/Web Technologies

3

Complete 3 courses:

Any needed lower division General Studies requirement OR Elective

9

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal:

15

- Research and prepare for [graduate school](#).
- Apply for a [Fulton Schools 4+1 program](#).
- Develop a [professional profile online](#).

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

★ GIT 418: Multimedia Authoring, Scripting and Production

3

GIT 432: Graphic Industry Business Practices

3

GIT 450: Digital Workflow in Graphic Industries

3

Upper Division Literacy and Critical Inquiry (L) (TWC 301 OR TWC 401 OR TWC 411 OR TWC 421 recommended)

3

Upper Division Elective

3

Term hours subtotal:

15

- Plan for success using the [Senior Guide](#).
- Use [Handshake](#) to apply for full-time positions.
- Complete an in person or virtual [practice interview](#).

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

★ GIT 480: Senior Project

3

| | |
|---|----|
| GIT 413: Professional Portfolio Design and Presentation | 3 |
| GIT 435: Website and E-Commerce Strategies | 3 |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 |
| Any needed lower division General Studies requirement OR Elective | 3 |
| Term hours subtotal: | 15 |

Hide Course List(s)/Track Group(s)

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.

2020 - 2021 Major Map

Applied Science (Internet and Web Development), **BAS**

School/College: [Ira A. Fulton Schools of Engineering](#)

Location: [Online](#)

TSIWDBAS

| Applicable Community College Prerequisites 0 - 60 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| AAS Transfer Degree Block | 60 | | |
| Term hours subtotal: | 60 | | <ul style="list-style-type: none"> • Students may meet lower division general studies requirements with the AAS degree. • Students must complete all ASU general studies requirements in order to earn ASU BAS degree. • Students should work with their academic advisor to run DARS graduation audit to determine needed general studies requirements. |
| Term 5 - A 60 - 69 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
| ★ GIT 337: Web Content Design | 3 | | |
| Upper Division Elective | 3 | | |
| Any needed lower division General Studies requirement OR Elective | 3 | | |
| Term hours subtotal: | 9 | | <ul style="list-style-type: none"> • Knowledge of HTML and CSS is necessary for success in GIT 337. |
| Term 5 - B 69 - 75 Credit Hours | Hours | Minimum Grade | Notes |
| GIT 334: Image Editing and Manipulation | 3 | | |
| GIT 340: Information Design and Usability | 3 | | |
| Term hours subtotal: | 6 | | <ul style="list-style-type: none"> • Plan for success using the Junior Guide. • Network at student organization competitions or professional societies. |
| Term 6 - A 75 - 81 Credit Hours | Hours | Minimum Grade | Notes |
| GIT 414: Web Site Design and Internet/Web Technologies | 3 | | |
| Any needed lower division General Studies requirement OR Elective | 3 | | |
| Term hours subtotal: | 6 | | |
| Term 6 - B 81 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
| ★ GIT 417: Advanced Web Markup and Scripting | 3 | | |
| Complete 2 courses: | 6 | | |
| Any needed lower division General Studies requirement OR Elective | | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 9 | | <ul style="list-style-type: none"> • Research and prepare for graduate school. • Apply for a Fulton Schools 4+1 program. • Develop a professional profile online. |
| Term 7 - A 90 - 96 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
| ★ GIT 418: Multimedia Authoring, Scripting and Production | 3 | | |
| GIT 432: Graphic Industry Business Practices | 3 | | |

Term hours subtotal: 6

| Term 7 - B 96 - 105 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| GIT 450: Digital Workflow in Graphic Industries | 3 | | <ul style="list-style-type: none"> • Plan for success using the Senior Guide. • Use Handshake to apply for full-time positions. • Complete an in person or virtual practice interview. |
| Upper Division Literacy and Critical Inquiry (L) (TWC 301 OR TWC 401 OR TWC 411 OR TWC 421 recommended) | 3 | | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 8 - A 105 - 111 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| GIT 413: Professional Portfolio Design and Presentation | 3 | | |
| GIT 435: Website and E-Commerce Strategies | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 111 - 120 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|  GIT 480: Senior Project | 3 | | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Any needed lower division General Studies requirement OR Elective | 3 | | |
| Term hours subtotal: | 9 | | |

Hide Course List(s)/Track Group(s)

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.

2020 - 2021 Major Map

Applied Science (Operations Management), **BAS**

School/College: [Ira A. Fulton Schools of Engineering](#)

Location: [Polytechnic campus](#), [ASU@Pinal](#), [ASU@The Gila Valley](#)
TSIMCOBAS

This program allows students who have earned an AAS from an accredited institution to transfer 60 credit hours toward a BAS at ASU. Students pursuing this degree may have more than 60 credit hours to complete in order to obtain their Bachelor of Applied Science upon transfer to ASU. Students transferring from a regionally accredited Arizona public community college may be able to transfer up to 15 additional credit hours of transferable general studies courses (75 credit hours total). Students should work with their academic advisor to ensure their courses will meet degree requirements.

| Applicable Community College Prerequisites 0 - 60 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| AAS Transfer Degree Block | 60 | | |
| Term hours subtotal: | 60 | | <ul style="list-style-type: none"> Students may meet lower division general studies requirements with the AAS degree. Students must complete all ASU general studies requirements in order to earn ASU BAS degree. Students should work with their academic advisor to run DARS graduation audit to determine needed general studies requirements. |

| Term 5 60 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ STS 401: Statistics in Science and Technology Studies (CS) | 3 | C | |
| ★ TMC 110: Understanding the Enterprise | 3 | C | |
| TEM 330: Systems Innovation | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 15 | | <ul style="list-style-type: none"> Plan for success using the Junior Guide. Network at student organization competitions or professional societies. |

| Term 6 75 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ TMC 330: Leading the Enterprise | 3 | C | |
| Complete 2 courses: | | | |
| Upper Division Focus Area Course | 6 | C | |
| Upper Division Elective | 3 | | |
| Any needed lower division General Studies requirement OR Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | <ul style="list-style-type: none"> Research and prepare for graduate school. Apply for a Fulton Schools 4+1 program. Develop a professional profile online. |

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ TMC 410: Enterprise Operations | 3 | C | |
| TMC 430: Enterprise Strategy and Innovation | 3 | C | |
| TMC 470: Enterprise Planning and Implementation | 3 | C | |
| Focus Area Course | 3 | C | |
| Any needed lower division General Studies requirement OR Elective | 3 | | |
| Term hours subtotal: | 15 | | <ul style="list-style-type: none"> Plan for success using the Senior Guide. Use Handshake to apply for full-time positions. Complete an in person or virtual practice interview. |

Term hours subtotal: 15

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ TMC 498: Pro-Seminar (L) | 3 | C | |
| OMT 402: Legal Issues for Technologists | 3 | C | |
| Complete 2 courses: Upper Division Focus Area Course | 6 | C | |
| Any needed lower division General Studies requirement OR Elective | 3 | | |
| Term hours subtotal: | 15 | | |

- Students in this program select a focus area consisting of 15 hours of focused courses (minimum of 12 hours upper-division). Focus areas are listed below. Please note that all focus area courses must come from a single area. If you have questions about your options, please contact your academic advisor.

Hide Course List(s)/Track Group(s)

| Process Innovation | Technology Entrepreneurship |
|---|---|
| OMT 343: Occupational Safety and Ergonomics | FSE 301: Entrepreneurship and Value Creation |
| OMT 430: Ethical Issues in Technology | OMT 343: Occupational Safety and Ergonomics |
| TEM 230: Creativity and Business Innovation | OMT 430: Ethical Issues in Technology |
| TEM 250: Design Methodology | TEM 200: My Technology Venture |
| TEM 494: Data Driven Decision Making | TEM 230: Creativity and Business Innovation |
| TEM 494: Digital Promotion and Analytics | TEM 250: Design Methodology |
| TMC 331: Quality Assurance | TEM 311: Opportunity Analysis |
| | TEM 400: Technology Entrepreneurship |
| | TEM 431: Innovation Management |
| | TEM 494: Crowdfunding Currency & Blockchain Innovations |
| | TEM 494: Data Driven Decision Making |
| | TEM 494: Digital Promotion and Analytics |

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend
 General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.

2020 - 2021 Major Map

Applied Science (Operations Management), BAS

School/College: [Ira A. Fulton Schools of Engineering](#)

Location: [Online](#)

TSIMCOBAS

This program allows students who have earned an AAS from an accredited institution to transfer 60 credit hours toward a BAS at ASU. Students pursuing this degree may have more than 60 credit hours to complete in order to obtain their Bachelor of Applied Science upon transfer to ASU. Students transferring from a regionally accredited Arizona public community college may be able to transfer up to 15 additional credit hours of transferable general studies courses (75 credit hours total). Students should work with their academic advisor to ensure their courses will meet degree requirements.

| Applicable Community College Prerequisites 0 - 60 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

AAS Transfer Degree Block

60

Term hours subtotal:

60

- Students may meet lower division general studies requirements with the AAS degree.
- Students must complete all ASU general studies requirements in order to earn ASU BAS degree.
- Students should work with their academic advisor to run DARS graduation audit to determine needed general studies requirements.

| Term 5 - A 60 - 69 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

★ TMC 110: Understanding the Enterprise

3

C

Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)

3

Upper Division Elective

3

Term hours subtotal:

9

| Term 5 - B 69 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

★ STS 401: Statistics in Science and Technology Studies (CS)

3

C

TEM 330: Systems Innovation

3

C

Term hours subtotal:

6

- Plan for success using the [Junior Guide](#).
- Network at [student organization](#) competitions or professional societies.

| Term 6 - A 75 - 81 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

★ TMC 330: Leading the Enterprise

3

C

Focus Area Course

3

C

Term hours subtotal:

6

| Term 6 - B 81 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

Upper Division Focus Area Course

3

C

Upper Division Elective

3

Any needed lower division General Studies requirement OR Elective

3

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal:

9

- Select a focus area consisting of 15 hours of focused courses (minimum 12 hours of upper-division). Focus areas are listed below. Please note that all focus area courses must come from a single area. If you have questions about your options, please contact your academic advisor.

- Research and prepare for [graduate school](#).
- Apply for a [Fulton Schools 4+1 program](#).
- Develop a [professional profile online](#).

| Term 7 - A 90 - 99 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ TMC 410: Enterprise Operations | 3 | C | |
| Upper Division Focus Area Course | 3 | C | |
| Any needed lower division General Studies requirement OR Elective | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 7 - B 99 - 105 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| TMC 430: Enterprise Strategy and Innovation | 3 | C | |
| TMC 470: Enterprise Planning and Implementation | 3 | C | |
| Term hours subtotal: | 6 | | <ul style="list-style-type: none"> • Plan for success using the Senior Guide. • Use Handshake to apply for full-time positions. • Complete an in person or virtual practice interview. |

| Term 8 - A 105 - 111 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ TMC 498: Pro-Seminar (L) | 3 | C | |
| Upper Division Focus Area Course | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 111 - 120 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| OMT 402: Legal Issues for Technologists | 3 | C | |
| Upper Division Focus Area Course | 3 | C | |
| Any needed lower division General Studies requirement OR Elective | 3 | | |
| Term hours subtotal: | 9 | | |

- Students in this program select a focus area consisting of 15 hours of focused courses (minimum of 12 hours upper-division). Focus areas are listed below. Please note that all focus area courses must come from a single area. If you have questions about your options, please contact your academic advisor.

Hide Course List(s)/Track Group(s)

| | |
|---|--|
| Process Innovation | Technology Entrepreneurship |
| OMT 343: Occupational Safety and Ergonomics | FSE 301: Entrepreneurship and Value Creation |
| OMT 430: Ethical Issues in Technology | OMT 343: Occupational Safety and Ergonomics |
| TEM 230: Creativity and Business Innovation | OMT 430: Ethical Issues in Technology |
| TEM 250: Design Methodology | TEM 200: My Technology Venture |
| TEM 494: Data Driven Decision Making | TEM 230: Creativity and Business Innovation |
| TEM 494: Digital Promotion and Analytics | TEM 250: Design Methodology |
| TMC 331: Quality Assurance | |

TEM 311: Opportunity Analysis

TEM 400: Technology Entrepreneurship

TEM 431: Innovation Management

TEM 494: Crowdfunding Currency &
Blockchain Innovations

TEM 494: Data Driven Decision Making

TEM 494: Digital Promotion and Analytics

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.






2020 - 2021 Major Map









Biomedical Engineering, BSE





School/College: [Ira A. Fulton Schools of Engineering](#)


Location: [Tempe campus](#)




ESBMEBSE



| Term 1 0 - 15 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ASU 101-BME: The ASU Experience | 1 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college specific equivalent First-Year Seminar required of all students. • If ENG 105 is taken, a 3 hour applicable elective must also be taken prior to graduation. See advisor. • Prep for success using the First-Year Student Guide. • Join a Fulton community. • Explore engineering and technical professions. |
|  CHM 114: General Chemistry for Engineers (SQ) | 4 | C | |
|  MAT 265: Calculus for Engineers I (MA) | 3 | C | |
| BME 100: Introduction to Biomedical Engineering | 3 | C | |
| BME 182: Biomedical Engineering Product Design and Development I | 1 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |




| Term 2 15 - 31 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  BIO 181: General Biology I (SQ) | 4 | C | <ul style="list-style-type: none"> • Create a Handshake profile. • Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
|  MAT 266: Calculus for Engineers II (MA) | 3 | C | |
|  PHY 121: University Physics I: Mechanics (SQ) | 3 | C | |
|  PHY 122: University Physics Laboratory I (SQ) | 1 | C | |
| BME 122: Statistics for Biomedical Engineers | 2 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
|  Complete BME 100. | | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 3 31 - 47 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  MAT 267: Calculus for Engineers III (MA) | 3 | C | <ul style="list-style-type: none"> • Prep for success using the Sophomore Guide. |
|  PHY 131: University Physics II: Electricity and Magnetism (SQ) | 3 | C | |
|  PHY 132: University Physics Laboratory II (SQ) | 1 | C | |
| BME 213: Biomedical and Bioengineering Ethics | 1 | C | |
| BME 214: FDA Regulatory Processes and Technical Communications | 1 | C | |
| CSE 110: Principles of Programming (CS) | 3 | C | |

| | | |
|--|----|---|
| ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB) | 3 | C |
| MAE 215: Introduction to Programming in MATLAB | 1 | C |
|  Minimum 2.00 GPA ASU Cumulative. Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 16 | |

| Term 4 47 - 62 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  BME 200: Conservation Principles in Biomedical Engineering | 3 | C | <ul style="list-style-type: none"> Pursue an undergraduate research experience. Apply for internships. Attend career fairs and events. |
|  MAT 275: Modern Differential Equations (MA) | 3 | C | |
| BME 235: Physiology for Engineers | 4 | C | |
| BME 282: Biomedical Engineering Product Design and Development II | 1 | C | |
| EEE 202: Circuits I | 4 | C | |
| Term hours subtotal: | 15 | | |

| Term 5 62 - 76 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  Upper Division Biomedical Devices Track OR Upper Division Biological Devices Track | 3-4 | C | <ul style="list-style-type: none"> Select courses from the Biomedical Devices Track OR the Biological Devices Track (required courses listed in track groups below; must complete all courses within one track). Complete the appropriate number of Upper Division Related Elective credits based on your selected track. Course options can be found here. Plan for success using the Junior Guide. Network at student organization competitions or professional societies. |
| BME 318: Biomaterials | 4 | C | |
| BME 331: Transport Phenomena for Biomedical Engineering | 3 | C | |
| CHM 231: Elementary Organic Chemistry (SQ) AND CHM 235: Elementary Organic Chemistry Laboratory (SQ) | 4 | C | |
| Term hours subtotal: | 14-15 | | |

| Term 6 76 - 91 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  Upper Division Biomedical Devices Track OR Upper Division Biological Devices Track | 3 | C | <ul style="list-style-type: none"> Select course from the Biomedical Devices Track OR the Biological Devices Track (required courses listed in track groups below; must complete all courses within one track). Research and prepare for graduate school. Apply for an engineering 4+1 program. Develop a professional profile online. |
| BME 300: Bioengineering Product Design | 3 | C | |
| BME 301: Numerical Methods in Biomedical Engineering | 2 | C | |
| BME 316: Biomechanics for Biomedical Engineers | 3 | C | |
| BME 340: Thermodynamics for Biomedical Engineers | 3 | C | |
| BME 382: Biomedical Engineering Product Design and Development III | 1 | C | |
|  Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 91 - 105 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  BME 417: Biomedical Engineering Capstone Design I (L) | 4 | C | <ul style="list-style-type: none"> The general studies requirements for HU or SB and the awareness areas do not have to be taken in exact combinations (as outlined on the |
|  Upper Division Biomedical Devices Track OR Upper Division Biological Devices Track | 4-3 | C | |

| | |
|---|-------|
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 |
| Term hours subtotal: | 14-13 |

major map). By the end of term 8, all need to be completed, however the combinations may vary.

- Complete the appropriate number of Upper Division Related Elective credits based on your selected track. Course options can be found [here](#).
- Plan for success using the [Senior Guide](#).
- Use [Handshake](#) to apply for full-time positions.
- Complete an in person or virtual [practice interview](#).

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ BME 490: Biomedical Engineering Capstone Design II (L) | 4 | C | <ul style="list-style-type: none"> • The general studies requirements for HU or SB and the awareness areas do not have to be taken in exact combinations (as outlined on the major map). By the end of term 8, all need to be completed, however the combinations may vary. • Complete the appropriate number of Upper Division Related Elective credits based on your selected track. Course options can be found here. |
| Upper Division Related Elective | 5 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Term hours subtotal: | 15 | | |

Hide Course List(s)/Track Group(s)

| Biomedical Devices Track | Biological Devices Track | Upper Division Related Elective (Imaging) |
|--|--|--|
| BME 350: Signals and Systems for Bioengineers | BIO 353: Cell Biology AND BME 362: Methods in Molecular and Cellular Biology | EEE 307: Signal Processing for Digital Culture |
| BME 370: Microcomputer Applications in Biomedical Engineering | BME 360: Control in Biological Systems | EEE 334: Circuits II |
| BME 413: Biomedical Instrumentation (L) AND BME 423: Biomedical Instrumentation Laboratory (L) | BME 467: Tissue Engineering and Regenerative Medicine | EEE 350: Random Signal Analysis |
| | | EEE 352: Properties of Electronic Materials |
| | | EEE 407: Digital Signal Processing |
| | | EEE 480: Feedback Systems |
| | | EEE 481: Computer-Controlled Systems |
| | | PHY 361: Introductory Modern Physics |
| Upper Division Related Elective (Professional) | Upper Division Related Elective (Math) | Upper Division Related Elective (Biomechanics) |
| BME 394: SBHSE Research Projects or BME 394: Honors Research | MAE 384: Advanced Mathematical Methods for Engineers (CS) | KIN 334: Functional Anatomy and Kinesiology |
| BME 492: Honors Directed Study | MAT 300: Mathematical Structures (L) | KIN 340: Physiology of Exercise |
| BME 493: Honors Thesis (L) | MAT 310: Introduction to Geometry | KIN 348: Psychological Skills for Optimal Performance (SB) |
| | MAT 342: Linear Algebra or MAT 343: Applied Linear Algebra | |

| | | |
|--|---|--|
| | MAT 355: Introduction to Computational Molecular Biology (CS) | KIN 352: Psychosocial Aspects of Physical Activity (SB & C) |
| | MAT 451: Mathematical Modeling (CS) | KIN 412: Biomechanics of the Skeletal System |
| | MAT 460: Vector Calculus | KIN 413: Qualitative Analysis in Sport Biomechanics |
| | MAT 462: Applied Partial Differential Equations | KIN 414: Electromyographic Kinesiology (L) |
| | PAF 301: Applied Statistics (CS) | KIN 440: Exercise Biochemistry |
| | STP 421: Probability | MAE 318: System Dynamics and Control I |
| | STP 429: Experimental Statistics (CS) | MAE 341: Mechanism Analysis and Design |
| | | MAE 417: System Dynamics and Control II |
| | | MEE 322: Structural Mechanics |
| Upper Division Related Elective (Neural) | Upper Division Related Elective (Pre-Medical) | Upper Division Related Elective (Molecular Cellular Materials) |
| BIO 467: Neurobiology | BCH 361: Advanced Principles of Biochemistry | BCH 461: General Biochemistry |
| CSE 310: Data Structures and Algorithms | BCH 367: Elementary Biochemistry Laboratory | BCH 462: General Biochemistry |
| CSE 340: Principles of Programming Languages | BIO 302: Cancer--Mother of All Diseases (L) | BCH 467: Analytical Biochemistry Laboratory (L) |
| CSE 412: Database Management | BIO 340: General Genetics | BIO 331: Animal Behavior |
| EDP 310: Emotional Intelligence (SB) | BIO 360: Animal Physiology | BIO 345: Organic Evolution |
| EDP 310: Gender Development (SB) | BIO 440: Functional Genomics | BIO 355: Introduction to Computational Molecular Biology (CS) |
| EDP 310: Learning and Memory (SB) | BIO 467: Neurobiology | BIO 360: Animal Physiology |
| EDP 310: Motivation (SB) | BMI 465: Introduction to Comparative Genomics | BIO 440: Functional Genomics or MBB 440: Functional Genomics |
| EDP 310: Understanding the Brain (SB) | CHM 341: Elementary Physical Chemistry | BIO 467: Neurobiology |
| PSY 325: Physiological Psychology | HCD 320: Applied Medical/Health Care Ethics (HU) | BMI 465: Introduction to Comparative Genomics |
| PSY 470: Psychopharmacology | HCR 350: Introduction to Clinical Research | CHE 475: Biochemical Engineering |
| | MIC 314: HIV/AIDS: Science Behavior and Society | CHM 302: Environmental Chemistry |
| | MIC 360: Bacterial Physiology | CHM 341: Elementary Physical Chemistry |
| | MIC 420: Immunology: Molecular and Cellular Foundations | LSC 347: Fundamentals of Genetics |
| | NTR 457: Sports Nutrition | MBB 343: Genetic Engineering and Society (L) |
| | | MBB 347: Molecular Genetics: From Genes to Proteins |
| | | MEE 340: Heat Transfer |
| | | MIC 360: Bacterial Physiology |
| | | MIC 420: Immunology: Molecular and Cellular Foundations |

MSE 301: Materials and Civilization

MSE 330: Thermodynamics of Materials

MSE 335: Materials Kinetics and Processing

MSE 355: Structure and Defects

MSE 356: Structures Properties and Defects
Lab

MSE 415: Mathematical and Computer
Methods in Materials (CS)

MSE 420: Physical Metallurgy

MSE 421: Physical Metallurgy Laboratory

MSE 440: Mechanical Behavior of Materials

MSE 442: Fatigue Fracture and Creep of
Materials

MSE 450: Introduction to Materials
Characterization

MSE 451: Introduction to Materials
Characterization Lab

MSE 458: Introduction to Electronic Magnetic
and Optical Properties

MSE 460: Nanomaterials in Energy
Production and Storage

MSE 470: Polymers and Composites

MSE 471: Introduction to Ceramics

MSE 482: Materials Engineering Design (L)

MSE 494: Bioinspired Materials and
Biomaterials

Upper Division Related Elective (Business
Entrepreneurship Management)

ACC 382: Accounting and Financial Analysis

BIO 312: Bioethics (HU) or PHI 320:
Bioethics (HU)

BUA 380: Small Business Leadership

BUA 381: Small Business Accounting and
Finance

BUA 383: Small Business Working
Relationships

BUS 384: Business Operations and Planning

CHE 494: Six Sigma
Methodology/Engineering Experimentation

CIS 300: Web Design and Development

COM 312: Communication Conflict and Negotiation

ECN 306: Survey of International Economics (SB & G)

EDP 310: Developing as a Leader (SB)

FIN 300: Fundamentals of Finance

FIN 380: Personal Financial Management

FSE 301: Entrepreneurship and Value Creation or ENT 360: Entrepreneurship and Value Creation

HON 394: Deductive Logic
Leadership/Management Techniques

HON 494: Genetics and the Law

HON 494: Information Measurement Theory I

IEE 300: Economic Analysis for Engineers

IEE 320: Extreme Excel

IEE 369: Work Analysis and Design (L)

IEE 431: Engineering Administration (L)

IND 464: Collaborative Design Development I (L)

IND 465: Collaborative Design Development II (L)

LES 305: Business Law and Ethics for Managers

LES 380: Consumer Perspective of Business Law

MGT 300: Organization and Management Leadership

MGT 302: Principles of International Business (G)

MGT 380: Management and Strategy for Nonmajors

MKT 300: Marketing and Business Performance

MKT 370: Professional Sales and Relationship Management

MKT 390: Essentials of Marketing

MKT 391: Essentials of Selling

PAF 410: Building Leadership Skills (SB)

PHI 306: Applied Ethics (HU)

SCM 300: Global Supply Operations

SOC 334: Technology and Society (L or SB)

STS 304: Science Technology and Society
(SB)

STS 332: Global Issues in Science and
Technology (SB)

TWC 446: Technical and Scientific Reports
(L)

TWC 451: Copyright and Intellectual Property
in the Electronic Age

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.






2020 - 2021 Major Map








Chemical Engineering, BSE





School/College: [Ira A. Fulton Schools of Engineering](#)

Location: [Tempe campus](#)

ESCHEBSE

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  CHM 113: General Chemistry I (SQ) | 4 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college specific equivalent First-Year Seminar required of all first-year students. • FSE 100 required for first-year students and should be completed the first semester. Non-first-year students: see advisor for petitioning replacement electives. • If ENG 105 is taken, a 3 hour applicable elective must also be taken prior to graduation. See advisor. • Prep for success using the First-Year Student Guide. • Join a Fulton community. • Explore engineering and technical professions |
|  FSE 100: Introduction to Engineering | 2 | C | |
|  MAT 265: Calculus for Engineers I (MA) | 3 | C | |
| ASU 101-CHE: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  CHM 116: General Chemistry II (SQ) | 4 | C | <ul style="list-style-type: none"> • Create a Handshake profile. • Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
|  MAT 266: Calculus for Engineers II (MA) | 3 | C | |
|  PHY 121: University Physics I: Mechanics (SQ) | 3 | C | |
|  PHY 122: University Physics Laboratory I (SQ) | 1 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 14 | | |

| Term 3 30 - 45 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  CHE 211: Introduction to Chemical Processing | 3 | C | <ul style="list-style-type: none"> • For more information about Bioscience Elective course options, please visit here. • Prep for success using the Sophomore Guide. |
|  MAT 242: Elementary Linear Algebra | 2 | C | |
|  MAT 267: Calculus for Engineers III (MA) | 3 | C | |
| CHM 233: General Organic Chemistry I | 3 | C | |
| CHM 237: General Organic Chemistry Laboratory I | 1 | C | |
| Bioscience Elective | 3 | | |

⚠ Minimum 2.00 GPA ASU Cumulative.

Complete Mathematics (MA) requirement.

Term hours subtotal: 15

| Term 4 45 - 60 Credit Hours Critical course signified by ⚠ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ⚠ CHE 231: Introduction to Transport Phenomena I: Fluids | 3 | C | <ul style="list-style-type: none">• For more information about the Engineering Elective, please visit here.• Pursue an undergraduate research experience.• Apply for internships.• Attend career fairs and events. |
| ⚠ MAT 275: Modern Differential Equations (MA) | 3 | C | |
| ⚠ PHY 131: University Physics II: Electricity and Magnetism (SQ) | 3 | C | |
| CHM 234: General Organic Chemistry II | 3 | C | |
| Engineering Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ CHE 334: Introduction to Transport Phenomena II: Heat and Mass Transfer | 3 | C | <ul style="list-style-type: none">• For more information about the Upper Division Advanced Chemistry/Biochemistry Technical Elective, please visit here.• Plan for success using the Junior Guide.• Network at student organization competitions or professional societies. |
| ★ CHE 342: Introduction to Applied Chemical Thermodynamics | 3 | C | |
| CHE 384: Numerical Methods for Chemical Engineers (CS) | 3 | C | |
| Upper Division Advanced Chemistry/Biochemistry Technical Elective | 3 | | |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ CHE 433: Modern Separations | 3 | C | <ul style="list-style-type: none">• Research and prepare for graduate school.• Apply for an engineering 4+1 program.• Develop a professional profile online. |
| ★ CHE 442: Introduction to Chemical Reactor Design | 3 | C | |
| CHE 352: Chemical Engineering Lab I (L) | 3 | C | |
| IEE 220: Business and Industrial Engineering | 3 | C | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ CHE 432: Principles of Chemical Engineering Design | 3 | C | <ul style="list-style-type: none">• For more information about Upper Division CHE Technical Electives, please visit here.• Plan for success using the Senior Guide.• Use Handshake to apply for full-time positions.• Complete an in person or virtual practice interview. |
| CHE 451: Chemical Engineering Laboratory II | 3 | | |
| CHE 461: Process Dynamic Control (CS) | 3 | | |
| Upper Division CHE Technical Elective | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ CHE 462: Process Design (L) | 3 | | <ul style="list-style-type: none">• For more information about Upper Division Advanced Chemistry/Biochemistry Technical Electives, Upper Division CHE Technical Electives, and Upper Division Natural Science |
| Upper Division Advanced Chemistry/Biochemistry Technical Elective | 3 | | |
| Upper Division CHE Technical Elective | 3 | | |

| | |
|---|----|
| Upper Division Natural Science or Materials Science Technical Elective | 3 |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 |
| Term hours subtotal: | 15 |

or Materials Science Technical Electives, please visit [here](#).

- For a list of Engineering Electives, Upper Division Advanced Chemistry/Biochemistry Technical Electives, CHE Upper Division Technical Electives, and Upper Division Natural Science or MSE Technical Elective course options please visit: [CHE Elective Course Options](#).

Hide Course List(s)/Track Group(s)

| Bioscience Electives | Engineering Elective | Upper Division CHE Technical Electives |
|---|--|---|
| BIO 181: General Biology I (SQ) | BME 2** Elective | CHE 400 to CHE 489 |
| BIO 182: General Biology II (SG) | CEE 2** Elective (CEE 210 OR CEE 300 recommended) | CHE 469: Air Quality Engineering |
| BIO 201: Human Anatomy and Physiology I (SG) | CSE 2** Elective | CHE 475: Biochemical Engineering |
| BIO 202: Human Anatomy and Physiology II (SG) | EEE 2** Elective (EEE 202 recommended) | CHE 484 by approval |
| BME 111: Engineering Perspectives on Biological Systems | FSE 301: Entrepreneurship and Value Creation | CHE 492/493 max of 6 credits towards CHE TE requirements |
| MIC 205: Microbiology (SG) | IEE 2** Elective | CHE 494 by approval |
| MIC 220: Biology of Microorganisms | IEE 300: Economic Analysis for Engineers | CHE 499 by approval |
| Contact your advisor for additional course options | IEE 380: Probability and Statistics for Engineering Problem Solving (CS) | Note: Students may be allowed by instructor consent to take these courses without having the prerequisites fulfilled. Courses not listed here require a department petition form. |
| | IEE 385: Engineering Statistics: Probability | |
| | MAE 2** Elective | |
| | MSE 2** Elective (MSE 250 recommended) | |
| | MSE 460: Nanomaterials in Energy Production and Storage | |
| | Note: MSE 208 301 or 308 cannot be used | |
| | If interested in a course from a " 2** " range please work with your advisor for prior approval. Not all courses will be accepted. | |
| | Note: Students taking IEE 380 or IEE 385 cannot take STP 420 or STP 421 for Natural Science/Materials Elective | |
| | Contact your advisor for additional course options | |
| Upper Division Advanced Chemistry/Biochemistry Technical Elective | Upper Division Natural Science or Materials Engineering Technical Electives | |
| BCH 361: Advanced Principles of Biochemistry | BIO 302: Cancer--Mother of All Diseases (L) | |
| | BIO 320: Fundamentals of Ecology | |

| | |
|--|--|
| BCH 461: General Biochemistry | BIO 325: Oceanography |
| BCH 463: Biophysical Chemistry | BIO 340: General Genetics |
| CHM 302: Environmental Chemistry | BIO 353: Cell Biology |
| CHM 325: Analytical Chemistry | EEE 352: Properties of Electronic Materials |
| CHM 341: Elementary Physical Chemistry or CHM 345: Physical Chemistry I or BCH 341: Physical Chemistry with a Biological Focus | EEE 435: Fundamentals of CMOS and MEMS |
| CHM 433: Advanced Organic Chemistry I | EEE 436: Fundamentals of Solid-State Devices |
| CHM 435: Medicinal Chemistry | EEE 460: Nuclear Power Engineering |
| CHM 453: Inorganic Chemistry | EEE 463: Electrical Power Plants |
| CHM 471: Solid-State Chemistry | EEE 465: Photovoltaic Energy Conversion |
| CHM 481: Geochemistry | GLG 321: Mineralogy |
| Contact your advisor for additional course options | GLG 418: Geophysics |
| | GLG 419: Geodynamics |
| | GLG 481: Geochemistry |
| | MAE 404: Finite Elements in Engineering |
| | MBB 347: Molecular Genetics: From Genes to Proteins |
| | MIC 360: Bacterial Physiology |
| | MIC 420: Immunology: Molecular and Cellular Foundations |
| | MIC 441: Bacterial Genetics |
| | MIC 445: Techniques in Molecular Biology/Genetics |
| | MIC 461: Geomicrobiology |
| | MSE 355: Structure and Defects |
| | MSE 460: Nanomaterials in Energy Production and Storage |
| | MSE 457: Quantum Mechanics for Understanding Properties of Atoms and Solids |
| | PHY 312: Mechanics and Electromagnetism |
| | PHY 361: Introductory Modern Physics |
| | STP 420: Introductory Applied Statistics (CS) or STP 421: Probability |
| | Note: Students taking STP 420 or STP 421 cannot take IEE 380 or IEE 385 for Engineering Elective |
| | Contact your advisor for additional course options |

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.





2020 - 2021 Major Map








Civil Engineering, BSE







School/College: [Ira A. Fulton Schools of Engineering](#)

Location: [Tempe campus](#)

ESCEEBSE

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  FSE 100: Introduction to Engineering | 2 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students and should be completed the first semester. • If ENG 105 is taken, a 3 hour applicable elective must also be taken prior to graduation. See advisor. • Prep for success using the First-Year Student Guide. • Join a Fulton community. • Explore engineering and technical professions. |
|  MAT 265: Calculus for Engineers I (MA) | 3 | C | |
| ASU 101-CEE: The ASU Experience | 1 | | |
| CHM 114: General Chemistry for Engineers (SQ) OR CHM 116: General Chemistry II (SQ) | 4 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  MAT 242: Elementary Linear Algebra | 2 | C | <ul style="list-style-type: none"> • Create a Handshake profile. • Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
|  MAT 266: Calculus for Engineers II (MA) | 3 | C | |
|  PHY 121: University Physics I: Mechanics (SQ) | 3 | C | |
|  PHY 122: University Physics Laboratory I (SQ) | 1 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 3 31 - 47 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  CEE 210: Engineering Mechanics I: Statics | 3 | C | <ul style="list-style-type: none"> • Prep for success using the Sophomore Guide. |
|  MAT 267: Calculus for Engineers III (MA) | 3 | C | |
|  MAT 275: Modern Differential Equations (MA) | 3 | C | |
|  PHY 131: University Physics II: Electricity and Magnetism (SQ) | 3 | C | |
|  PHY 132: University Physics Laboratory II (SQ) | 1 | C | |
| ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB) | 3 | | |

⚠ Minimum 2.00 GPA ASU Cumulative.

Complete Mathematics (MA) requirement.

Term hours subtotal: 16

| Term 4 47 - 62 Credit Hours Critical course signified by ⚠ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ⚠ CEE 212: Engineering Mechanics II: Dynamics | 3 | C | <ul style="list-style-type: none"> Pursue an undergraduate research experience. Apply for internships. Attend career fairs and events. |
| ⚠ CEE 213: Introduction to Deformable Solids | 3 | C | |
| BIO 181: General Biology I (SQ) OR BIO 182: General Biology II (SG) OR CHM 231: Elementary Organic Chemistry (SQ) OR GLG 101: Introduction to Geology I (Physical) (SQ) | 3-4 | | |
| IEE 380: Probability and Statistics for Engineering Problem Solving (CS) | 3 | | |
| MAE 241: Introduction to Thermodynamics | 3 | | |
| Term hours subtotal: | 15-16 | | |

| Term 5 62 - 77 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ CEE 321: Structural Analysis and Design | 4 | | <ul style="list-style-type: none"> Plan for success using the Junior Guide. Network at student organization competitions or professional societies. |
| CEE 351: Geotechnical Engineering | 4 | | |
| CEE 353: Civil Engineering Materials | 4 | | |
| CEE 384: Numerical Methods for Engineers (CS) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 77 - 92 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ CEE 300: Engineering Business Practice (L) | 3 | | <ul style="list-style-type: none"> Research and prepare for graduate school. Apply for an engineering 4+1 program. Develop a professional profile online. |
| ★ CEE 361: Introduction to Environmental Engineering | 4 | | |
| CEE 341: Fluid Mechanics for Civil Engineers | 4 | | |
| CEE 372: Transportation Engineering | 3 | | |
| BIO OR CEE OR CHM OR GLG OR MAE OR MAT OR MEE OR EGR Elective | 1 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 92 - 107 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ CEE 400: Earth Systems Engineering and Management ((L or HU) & H) | 3 | | <ul style="list-style-type: none"> Technical Elective and Design Elective requirements: See advisor for guidance in selection. Plan for success using the Senior Guide. Use Handshake to apply for full-time positions. Complete an in-person or virtual practice interview. |
| Upper Division Design Elective | 3 | | |
| Complete 3 courses: Technical Elective | 9 | | |
| Term hours subtotal: | 15 | | |

| Term 8 107 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ CEE 486: Integrated Civil Engineering Design (L) | 4 | | |
| Upper Division Design Elective | 3 | | |

| | |
|--|----|
| Technical Elective | 3 |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 |
| Term hours subtotal: | 13 |

- Technical Elective and Design Elective requirements: See advisor for guidance in selection.

Hide Course List(s)/Track Group(s)

| Technical Elective | Design Elective |
|---|---|
| CEE 281: Surveying | CEE 412: Pavement Analysis and Design |
| CEE 412: Pavement Analysis and Design | CEE 420: Steel Structures |
| CEE 420: Steel Structures | CEE 421: Concrete Structures |
| CEE 421: Concrete Structures | CEE 441: Water Resources Engineering |
| CEE 440: Hydrology | CEE 452: Foundations |
| CEE 441: Water Resources Engineering | CEE 462: Unit Operations in Environmental Engineering |
| CEE 452: Foundations | CEE 466: Urban Water System Design |
| CEE 462: Unit Operations in Environmental Engineering | CEE 475: Highway Geometric Design |
| CEE 466: Urban Water System Design | |
| CEE 467: Environmental Microbiology | |
| CEE 474: Transportation Systems Planning | |
| CEE 475: Highway Geometric Design | |
| CEE 481: Civil Engineering Project Management | |
| CEE 483: Highway Materials Construction and Quality | |
| CEE 493: Honors Thesis (L) | |
| CHE 469: Air Quality Engineering | |
| CON 453: Construction Technology | |
| FSE 301: Entrepreneurship and Value Creation | |
| IEE 431: Engineering Administration (L) | |

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.





2020 - 2021 Major Map








Civil Engineering (Sustainable Engineering), BSE







School/College: [Ira A. Fulton Schools of Engineering](#)

Location: [Tempe campus](#)

ESCEESUBSE

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  FSE 100: Introduction to Engineering | 2 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students and should be completed the first semester. • If ENG 105 is taken, a 3 hour applicable elective must also be taken prior to graduation. See advisor. • Prep for success using the First-Year Student Guide. • Join a Fulton community. • Explore engineering and technical professions. |
|  MAT 265: Calculus for Engineers I (MA) | 3 | C | |
| ASU 101-CEE: The ASU Experience | 1 | | |
| CHM 114: General Chemistry for Engineers (SQ) OR CHM 116: General Chemistry II (SQ) | 4 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  MAT 242: Elementary Linear Algebra | 2 | C | <ul style="list-style-type: none"> • Create a Handshake profile. • Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
|  MAT 266: Calculus for Engineers II (MA) | 3 | C | |
|  PHY 121: University Physics I: Mechanics (SQ) | 3 | C | |
|  PHY 122: University Physics Laboratory I (SQ) | 1 | C | |
| CEE 181: Technological, Social, and Sustainable Systems (HU) | 3 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 3 31 - 47 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  CEE 210: Engineering Mechanics I: Statics | 3 | C | <ul style="list-style-type: none"> • Prep for success using the Sophomore Guide. |
|  MAT 267: Calculus for Engineers III (MA) | 3 | C | |
|  MAT 275: Modern Differential Equations (MA) | 3 | C | |
|  PHY 131: University Physics II: Electricity and Magnetism (SQ) | 3 | C | |
|  PHY 132: University Physics Laboratory II (SQ) | 1 | C | |
| ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB) | 3 | | |

⚠ Minimum 2.00 GPA ASU Cumulative.

Complete Mathematics (MA) requirement.

Term hours subtotal: 16

| Term 4 47 - 62 Credit Hours Critical course signified by ⚠ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ⚠ CEE 212: Engineering Mechanics II: Dynamics | 3 | C | <ul style="list-style-type: none"> Pursue an undergraduate research experience. Apply for internships. Attend career fairs and events. |
| ⚠ CEE 213: Introduction to Deformable Solids | 3 | C | |
| BIO 181: General Biology I (SQ) OR BIO 182: General Biology II (SG) OR CHM 231: Elementary Organic Chemistry (SQ) OR GLG 101: Introduction to Geology I (Physical) (SQ) | 3 | | |
| IEE 380: Probability and Statistics for Engineering Problem Solving (CS) | 3 | | |
| MAE 241: Introduction to Thermodynamics | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 5 62 - 77 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ CEE 361: Introduction to Environmental Engineering | 4 | | <ul style="list-style-type: none"> Plan for success using the Junior Guide. Network at student organization competitions or professional societies. |
| CEE 341: Fluid Mechanics for Civil Engineers | 4 | | |
| CEE 353: Civil Engineering Materials | 4 | | |
| CEE 384: Numerical Methods for Engineers (CS) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 77 - 92 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ CEE 300: Engineering Business Practice (L) | 3 | | <ul style="list-style-type: none"> Research and prepare for graduate school. Apply for an engineering 4+1 program. Develop a professional profile online. |
| CEE 321: Structural Analysis and Design | 4 | | |
| CEE 351: Geotechnical Engineering | 4 | | |
| CEE 372: Transportation Engineering | 3 | | |
| Elective | 1 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 92 - 107 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ SOS 300: Advanced Concepts and Integrated Approaches in Sustainability | 3 | | <ul style="list-style-type: none"> Design Elective requirements: See advisor for guidance in selection. Plan for success using the Senior Guide. Use Handshake to apply for full-time positions. Complete an in person or virtual practice interview. |
| Complete 2 courses: | 6 | | |
| Upper Division Design Elective | | | |
| Technical Elective | 3 | | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 107 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ CEE 486: Integrated Civil Engineering Design (L) | 4 | | <ul style="list-style-type: none"> Technical Elective requirements: See advisor for guidance in selection. |
| CEE 400: Earth Systems Engineering and Management ((L or HU) & H) | 3 | | |
| CEE 485: Sustainable Civil and Environmental Systems Engineering | 3 | | |

Technical Elective

3

Term hours subtotal: 13

Hide Course List(s)/Track Group(s)

| Design Electives | Approved Technical Elective |
|---|---|
| CEE 412: Pavement Analysis and Design | BCH 361: Advanced Principles of Biochemistry |
| CEE 420: Steel Structures | BIO 320: Fundamentals of Ecology |
| CEE 421: Concrete Structures | CEE 281: Surveying |
| CEE 441: Water Resources Engineering | CEE 412: Pavement Analysis and Design |
| CEE 452: Foundations | CEE 420: Steel Structures |
| CEE 462: Unit Operations in Environmental Engineering | CEE 421: Concrete Structures |
| CEE 466: Urban Water System Design | CEE 440: Hydrology |
| CEE 475: Highway Geometric Design | CEE 441: Water Resources Engineering |
| | CEE 452: Foundations |
| | CEE 462: Unit Operations in Environmental Engineering |
| | CEE 466: Urban Water System Design |
| | CEE 474: Transportation Systems Planning |
| | CEE 475: Highway Geometric Design |
| | CEE 481: Civil Engineering Project Management |
| | CEE 483: Highway Materials Construction and Quality |
| | CEE 493: Honors Thesis (L) |
| | CEE 494: Sustainable Energy and Material Use |
| | CEE 499: Individualized Instruction |
| | CHM 302: Environmental Chemistry |
| | CHM 341: Elementary Physical Chemistry |
| | CON 453: Construction Technology |
| | PUP 442: Environmental Planning |

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.





2020 - 2021 Major Map






Computer Science, BS







School/College: [Ira A. Fulton Schools of Engineering](#)

Location: [Tempe campus](#)

ESCSEBS

| Term 1 0 - 15 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  CSE 110: Principles of Programming (CS) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, TOEFL or IELTS score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students and should be taken in the first semester. • If ENG 105 is taken, a 3 credit hour elective must also be taken prior to graduation. • Prep for success using the First-Year Student Guide. • Join a Fulton community. • Explore engineering and technical professions. |
|  MAT 265: Calculus for Engineers I (MA) | 3 | C | |
| ASU 101-CSE: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| FSE 100: Introduction to Engineering | 2 | C | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 2 15 - 31 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  CSE 205: Object-Oriented Programming and Data Structures (CS) | 3 | C | <ul style="list-style-type: none"> • Three (3) lab science classes are required. Two of the three classes must be from the same subject area or discipline. • Create a Handshake profile. • Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
|  MAT 266: Calculus for Engineers II (MA) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Lab Science Requirement AND Natural Science - Quantitative (SQ) | 4 | | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 3 31 - 47 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  CSE 120: Digital Design Fundamentals | 3 | C | <ul style="list-style-type: none"> • Three (3) lab science classes are required. Two of the three classes must be from the same subject area or discipline. • Prep for success using the Sophomore Guide. |
|  CSE 240: Introduction to Programming Languages | 3 | C | |
|  MAT 243: Discrete Mathematical Structures | 3 | C | |
|  MAT 267: Calculus for Engineers III (MA) OR CSE 259: Logic in Computer Science | 3 | C | |
| Lab Science Requirement AND Natural Science - General (SG) or Natural Science - Quantitative (SQ) | 4 | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |

Complete Mathematics (MA) requirement.

Term hours subtotal: 16

| Term 4 47 - 63 Credit Hours Critical course signified by ⚠ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ⚠ CSE 230: Computer Organization and Assembly Language Programming | 3 | C | <ul style="list-style-type: none"> • Three (3) lab science classes are required. Two of the three classes must be from the same subject area or discipline. • Pursue an undergraduate research experience. • Apply for internships. • Attend career fairs and events. |
| ⚠ CSE 310: Data Structures and Algorithms | 3 | C | |
| Lab Science Requirement AND Natural Science - General (SG) or Natural Science - Quantitative (SQ) | 4 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Elective | 3 | | |
| ⚠ Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | | 16 | |

| Term 5 63 - 79 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ CSE 355: Introduction to Theoretical Computer Science | 3 | C | <ul style="list-style-type: none"> • Plan for success using the Junior Guide. • Network at student organization competitions or professional societies. |
| CSE 301: Computing Ethics | 1 | C | |
| CSE 360: Introduction to Software Engineering | 3 | C | |
| CSE 365: Information Assurance | 3 | C | |
| IEE 380: Probability and Statistics for Engineering Problem Solving (CS) | 3 | C | |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | | 16 | |

| Term 6 79 - 94 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ CSE 340: Principles of Programming Languages | 3 | C | <ul style="list-style-type: none"> • Research and prepare for graduate school. • Apply for an engineering 4+1 program. • Develop a professional profile online. |
| CSE 330: Operating Systems | 3 | C | |
| CSE 412: Database Management OR CSE 434: Computer Networks OR CSE 445: Distributed Software Development | 3 | C | |
| MAT 343: Applied Linear Algebra | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | | 15 | |

| Term 7 94 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes | |
|---|-------|---------------|---|--|
| ★ CSE 485: Computer Science Capstone Project I (L) | 3 | C | <ul style="list-style-type: none"> • Please see course lists below for Technical Electives. Contact CIDSE Advising or visit the CIDSE website for additional information. • Plan for success using the Senior Guide. • Use Handshake to apply for full-time positions. • Complete an in person or virtual practice interview. | |
| Upper Division Technical Elective | 3 | C | | |
| Complete 2 courses: CSE 4** Elective | 6 | C | | |
| Elective | 2 | | | |
| Term hours subtotal: | | 14 | | |

| | | Minimum | |
|--|--|---------|--|
|--|--|---------|--|

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Grade | Notes |
|---|-------|-------|--|
| ★ CSE 486: Computer Science Capstone Project II (L) | 3 | C | <ul style="list-style-type: none"> Please see course lists below for Technical Electives. Contact CIDSE Advising or visit the CIDSE website for additional information. |
| Upper Division Technical Elective | 3 | C | |
| Complete 2 courses: | | | |
| CSE 4** Elective | 6 | C | |
| Term hours subtotal: | 12 | | |

- Please see course lists below for Technical Electives. Contact CIDSE Advising or visit the [CIDSE website](#) for additional information.

Hide Course List(s)/Track Group(s)

| Lab Science Requirement | Technical Electives | Technical Electives continued |
|---|---|---|
| BIO 181: General Biology I (SQ) | AEE 415: Vibration Analysis | EEE 304: Signals and Systems II |
| BIO 182: General Biology II (SG) | AEE 426: Design of Aerospace Structures | EEE 333: Hardware Design Languages and Programmable Logic |
| CHM 113: General Chemistry I (SQ) | AEE 462: Space Vehicle Dynamics and Control | EEE 350: Random Signal Analysis |
| CHM 116: General Chemistry II (SQ) | AEE 463: Aircraft Propulsion | EEE 360: Energy Systems and Power Electronics |
| GLG 101: Introduction to Geology I (Physical) (SQ) AND GLG 103: Introduction to Geology I-Laboratory (SQ) | AEE 465: Rocket Propulsion | EEE 404: Real-Time DSP Systems |
| GLG 102: Introduction to Geology II (Historical) (SG & H) AND GLG 104: Introduction to Geology II-Laboratory (SG) | AEE 468: Aircraft Systems Design | EEE 407: Digital Signal Processing |
| GLG 110: Dangerous World (SQ & G) AND GLG 111: Dangerous World Laboratory (SQ) | AEE 471: Computational Fluid Dynamics | EEE 425: Digital Systems and Circuits |
| PHY 121: University Physics I: Mechanics (SQ) AND PHY 122: University Physics Laboratory I (SQ) | AME 430: Mac Development for Media Arts | EEE 433: Analog Integrated Circuits |
| PHY 131: University Physics II: Electricity and Magnetism (SQ) AND PHY 132: University Physics Laboratory II (SQ) | AME 435: Mobile Development | EEE 434: Quantum Mechanics for Engineers |
| | BCH 361: Advanced Principles of Biochemistry | EEE 435: Fundamentals of CMOS and MEMS |
| | BCH 461: General Biochemistry | EEE 436: Fundamentals of Solid-State Devices |
| | BCH 462: General Biochemistry | EEE 437: Optoelectronics |
| | BIO 340: General Genetics | EEE 439: Semiconductor Facilities and Cleanroom Practices |
| | BIO 343: Genetic Engineering and Society (L) | EEE 443: Antennas for Wireless Communications |
| | BIO 345: Evolution | EEE 445: Microwaves |
| | BME 350: Signals and Systems for Bioengineers | EEE 448: Fiber Optics |
| | BME 413: Biomedical Instrumentation (L) | EEE 455: Communication Systems |
| | BME 416: Advanced Biomechanics | EEE 459: Communication Networks |
| | CEE 412: Pavement Analysis and Design | EEE 460: Nuclear Power Engineering |
| | CEE 432: Developing Software for Engineering Applications | EEE 463: Electrical Power Plants |
| | CEE 440: Hydrology | EEE 470: Electric Power Devices |
| | CEE 441: Water Resources Engineering | EEE 471: Power System Analysis |

| | |
|--|--|
| CEE 452: Foundations | EEE 473: Electrical Machinery |
| CEE 462: Unit Operations in Environmental Engineering | EEE 480: Feedback Systems |
| CEE 466: Urban Water System Design | EEE 481: Computer-Controlled Systems |
| CEE 467: Environmental Microbiology | FSE 301: Entrepreneurship and Value Creation |
| CEE 474: Transportation Systems Planning | IEE 376: Operations Research Deterministic Techniques/Applications |
| CEE 475: Highway Geometric Design | IEE 381: Lean Six Sigma Methodology |
| CEE 481: Civil Engineering Project Management | IEE 385: Engineering Statistics: Probability |
| CEE 483: Highway Materials Construction and Quality | IEE 412: Introduction to Financial Engineering |
| CEE 486: Integrated Civil Engineering Design (L) | IEE 426: Operations Research in Healthcare |
| CHE 342: Introduction to Applied Chemical Thermodynamics | IEE 431: Engineering Administration (L) |
| CHE 432: Principles of Chemical Engineering Design | IEE 456: Introduction to Systems Engineering |
| CHE 442: Introduction to Chemical Reactor Design | IEE 458: Project Management |
| CHE 461: Process Dynamic Control (CS) | IEE 461: Production Control |
| CHE 462: Process Design (L) | IEE 470: Stochastic Operations Research |
| CHE 469: Air Quality Engineering | IEE 474: Quality Control |
| CHE 475: Biochemical Engineering | IEE 475: Simulating Stochastic Systems (CS) |
| CIS 415: Big Data Analytics in Business | MAE 341: Mechanism Analysis and Design |
| CPI 350: Evaluation of Informatics Systems | MAE 404: Finite Elements in Engineering |
| CPI 360: Decision Making and Problem Solving | MAE 417: System Dynamics and Control II |
| CPI 411: Graphics for Games | MAE 436: Combustion |
| CPI 460: Intelligent Interactive Instructional Systems | MAE 455: Polymers and Composites |
| CPI 462: Design for Learning in Virtual Worlds | MAT Upper Division Elective |
| CSE 325: Embedded Microprocessor Systems | Except for: MAT 300 MAT 340 MAT 342 MAT 343 and MAT 485 |
| CSE 335: Principles of Mobile Application Development | MEE 434: Internal Combustion Engines |
| CSE 4** Elective | MEE 446: Energy Systems Design |
| Except for: CSE 485 and CSE 486 | PHY 302: Mathematical Methods in Physics II |
| | PHY 361: Introductory Modern Physics |
| | PHY 462: Particle and Nuclear Physics |
| | PHY 494: Computational Methods in Physics |
| | SER 421: Web-Based Applications and Mobile Systems |
| | SER 422: Web Application Programming |
| | SER 423: Mobile Systems |

STP 421: Probability

STP 425: Stochastic Processes

STP 427: Mathematical Statistics

STP 429: Applied Regression (CS)

NOTE: Maximum 3 hours CSE 484 or FSE 301. Maximum 6 hours of CSE 484 492 493 or 499. Some Technical Electives may require additional prerequisites.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.





2020 - 2021 Major Map






Computer Science (Cybersecurity), BS







School/College: [Ira A. Fulton Schools of Engineering](#)

Location: [Tempe campus](#)

ESCSEIBS

| Term 1 0 - 15 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  CSE 110: Principles of Programming (CS) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students and should be taken in the first semester. • If ENG 105 is taken, a 3 credit hour elective must also be taken prior to graduation. • Prep for success using the First-Year Student Guide. • Join a Fulton community. • Explore engineering and technical professions |
|  MAT 265: Calculus for Engineers I (MA) | 3 | C | |
| ASU 101-CSE: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| FSE 100: Introduction to Engineering | 2 | C | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 2 15 - 31 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  CSE 205: Object-Oriented Programming and Data Structures (CS) | 3 | C | <ul style="list-style-type: none"> • Three (3) lab science classes are required. Two of the three classes must be from the same subject area or discipline. • Create a Handshake profile. • Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
|  MAT 266: Calculus for Engineers II (MA) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Lab Science Requirement AND Natural Science - Quantitative (SQ) | 4 | | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 3 31 - 47 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  CSE 120: Digital Design Fundamentals | 3 | C | <ul style="list-style-type: none"> • Three (3) lab science classes are required. Two of the three classes must be from the same subject area or discipline. • Prep for success using the Sophomore Guide. |
|  CSE 240: Introduction to Programming Languages | 3 | C | |
|  MAT 243: Discrete Mathematical Structures | 3 | C | |
|  MAT 267: Calculus for Engineers III (MA) OR CSE 259: Logic in Computer Science | 3 | C | |
| Lab Science Requirement AND Natural Science - Quantitative (SQ) or Natural Science - General (SG) | 4 | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |

Complete Mathematics (MA) requirement.

Term hours subtotal: 16

| Term 4 47 - 63 Credit Hours Critical course signified by ⚠ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ⚠ CSE 230: Computer Organization and Assembly Language Programming | 3 | C | <ul style="list-style-type: none"> • Three (3) lab science classes are required. Two of the three classes must be from the same subject area or discipline. • Pursue an undergraduate research experience. • Apply for internships. • Attend career fairs and events. |
| ⚠ CSE 310: Data Structures and Algorithms | 3 | C | |
| Lab Science Requirement AND Natural Science - Quantitative (SQ) or Natural Science - General (SG) | 4 | | |
| Humanities, Arts and Design (HU) OR Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 3 | | |
| ⚠ Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | | 16 | |

| Term 5 63 - 79 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ IEE 380: Probability and Statistics for Engineering Problem Solving (CS) | 3 | C | <ul style="list-style-type: none"> • Plan for success using the Junior Guide. • Network at student organization competitions or professional societies. |
| CSE 301: Computing Ethics | 1 | C | |
| CSE 355: Introduction to Theoretical Computer Science | 3 | C | |
| CSE 360: Introduction to Software Engineering | 3 | C | |
| CSE 365: Information Assurance | 3 | C | |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | | 16 | |

| Term 6 79 - 94 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ CSE 330: Operating Systems | 3 | C | <ul style="list-style-type: none"> • Research and prepare for graduate school. • Apply for an engineering 4+1 program. • Develop a professional profile online. |
| ★ CSE 340: Principles of Programming Languages | 3 | C | |
| CSE 412: Database Management OR CSE 434: Computer Networks OR CSE 445: Distributed Software Development | 3 | C | |
| MAT 343: Applied Linear Algebra | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | | 15 | |

| Term 7 94 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ CSE 485: Computer Science Capstone Project I (L) | 3 | C | <ul style="list-style-type: none"> • Plan for success using the Senior Guide. • Use Handshake to apply for full-time positions. • Complete an in person or virtual practice interview. |
| Upper Division Cybersecurity Elective | 3 | C | |
| Upper Division Cybersecurity Focus Courses | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 2 | | |
| Term hours subtotal: | | 14 | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | |
|---|----|---|
| ★ CSE 486: Computer Science Capstone Project II (L) | 3 | C |
| Upper Division Cybersecurity Elective | 3 | C |
| Upper Division Cybersecurity Focus Courses | 3 | C |
| Upper Division Technical Elective | 3 | C |
| Term hours subtotal: | 12 | |

• Please see course lists below for Technical Electives. Contact CIDSE Advising or visit the [CIDSE website](#) for additional information.

• Please see course lists below for Technical Electives. Contact CIDSE Advising or visit the [CIDSE website](#) for additional information.

Hide Course List(s)/Track Group(s)

| Lab Science Requirement | Cybersecurity Focus Courses | Cybersecurity Electives |
|---|---|---|
| BIO 181: General Biology I (SQ) | CSE 466: Computer Systems Security | CSE 460: Software Analysis and Design |
| BIO 182: General Biology II (SG) | CSE 468: Computer Network Security | CSE 463: Introduction to Human Computer Interaction |
| CHM 113: General Chemistry I (SQ) | CSE 469: Computer and Network Forensics | CSE 464: Software Quality Assurance and Testing |
| CHM 116: General Chemistry II (SQ) | CSE 494: Artificial Intelligence for Cyber Security | CSE 466: Computer Systems Security |
| GLG 101: Introduction to Geology I (Physical) (SQ) AND GLG 103: Introduction to Geology I-Laboratory (SQ) | | CSE 468: Computer Network Security |
| GLG 102: Introduction to Geology II (Historical) (SG & H) AND GLG 104: Introduction to Geology II-Laboratory (SG) | | CSE 469: Computer and Network Forensics |
| GLG 110: Dangerous World (SQ & G) AND GLG 111: Dangerous World Laboratory (SQ) | | CSE 471: Introduction to Artificial Intelligence |
| PHY 121: University Physics I: Mechanics (SQ) AND PHY 122: University Physics Laboratory I (SQ) | | CSE 494: Artificial Intelligence for Cyber Security |
| PHY 131: University Physics II: Electricity and Magnetism (SQ) AND PHY 132: University Physics Laboratory II (SQ) | | |
| Technical Electives | Technical Electives continued | |
| AEE 415: Vibration Analysis | EEE 304: Signals and Systems II | |
| AEE 426: Design of Aerospace Structures | EEE 333: Hardware Design Languages and Programmable Logic | |
| AEE 462: Space Vehicle Dynamics and Control | EEE 350: Random Signal Analysis | |
| AEE 463: Aircraft Propulsion | EEE 360: Energy Systems and Power Electronics | |
| AEE 465: Rocket Propulsion | EEE 404: Real-Time DSP Systems | |
| AEE 468: Aircraft Systems Design | EEE 407: Digital Signal Processing | |
| AEE 471: Computational Fluid Dynamics | EEE 425: Digital Systems and Circuits | |
| AME 430: Mac Development for Media Arts | EEE 433: Analog Integrated Circuits | |
| AME 435: Mobile Development | EEE 434: Quantum Mechanics for Engineers | |

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|---|--|
| BCH 361: Advanced Principles of Biochemistry | EEE 435: Fundamentals of CMOS and MEMS |
| BCH 461: General Biochemistry | EEE 436: Fundamentals of Solid-State Devices |
| BCH 462: General Biochemistry | EEE 437: Optoelectronics |
| BIO 340: General Genetics | EEE 439: Semiconductor Facilities and Cleanroom Practices |
| BIO 343: Genetic Engineering and Society (L) | EEE 443: Antennas for Wireless Communications |
| BIO 345: Evolution | EEE 445: Microwaves |
| BME 350: Signals and Systems for Bioengineers | EEE 448: Fiber Optics |
| BME 413: Biomedical Instrumentation (L) | EEE 455: Communication Systems |
| BME 416: Advanced Biomechanics | EEE 459: Communication Networks |
| CEE 412: Pavement Analysis and Design | EEE 460: Nuclear Power Engineering |
| CEE 432: Developing Software for Engineering Applications | EEE 463: Electrical Power Plants |
| CEE 440: Hydrology | EEE 470: Electric Power Devices |
| CEE 441: Water Resources Engineering | EEE 471: Power System Analysis |
| CEE 452: Foundations | EEE 473: Electrical Machinery |
| CEE 462: Unit Operations in Environmental Engineering | EEE 480: Feedback Systems |
| CEE 466: Urban Water System Design | EEE 481: Computer-Controlled Systems |
| CEE 467: Environmental Microbiology | FSE 301: Entrepreneurship and Value Creation |
| CEE 474: Transportation Systems Planning | IEE 376: Operations Research Deterministic Techniques/Applications |
| CEE 475: Highway Geometric Design | IEE 381: Lean Six Sigma Methodology |
| CEE 481: Civil Engineering Project Management | IEE 385: Engineering Statistics: Probability |
| CEE 483: Highway Materials Construction and Quality | IEE 412: Introduction to Financial Engineering |
| CEE 486: Integrated Civil Engineering Design (L) | IEE 426: Operations Research in Healthcare |
| CHE 342: Introduction to Applied Chemical Thermodynamics | IEE 431: Engineering Administration (L) |
| CHE 432: Principles of Chemical Engineering Design | IEE 456: Introduction to Systems Engineering |
| CHE 442: Introduction to Chemical Reactor Design | IEE 458: Project Management |
| CHE 461: Process Dynamic Control (CS) | IEE 461: Production Control |
| CHE 462: Process Design (L) | IEE 470: Stochastic Operations Research |
| CHE 469: Air Quality Engineering | IEE 474: Quality Control |
| CHE 475: Biochemical Engineering | IEE 475: Simulating Stochastic Systems (CS) |
| CIS 415: Big Data Analytics in Business | MAE 341: Mechanism Analysis and Design |
| | MAE 404: Finite Elements in Engineering |
| | MAE 417: System Dynamics and Control II |

| | |
|--|---|
| CPI 350: Evaluation of Informatics Systems | MAE 436: Combustion |
| CPI 360: Decision Making and Problem Solving | MAE 455: Polymers and Composites |
| CPI 411: Graphics for Games | MAT Upper Division Elective |
| CPI 460: Intelligent Interactive Instructional Systems | Except for: MAT 300 MAT 340 MAT 342 MAT 343 and MAT 485 |
| CPI 462: Design for Learning in Virtual Worlds | MEE 434: Internal Combustion Engines |
| CSE 325: Embedded Microprocessor Systems | MEE 446: Energy Systems Design |
| CSE 335: Principles of Mobile Application Development | PHY 302: Mathematical Methods in Physics II |
| CSE 4** Elective | PHY 361: Introductory Modern Physics |
| Except for: CSE 485 and CSE 486 | PHY 462: Particle and Nuclear Physics |
| | PHY 494: Computational Methods in Physics |
| | SER 421: Web-Based Applications and Mobile Systems |
| | SER 422: Web Application Programming |
| | SER 423: Mobile Systems |
| | STP 421: Probability |
| | STP 425: Stochastic Processes |
| | STP 427: Mathematical Statistics |
| | STP 429: Applied Regression (CS) |
| | NOTE: Maximum 3 hours CSE 484 or FSE 301. Maximum 6 hours of CSE 484 492 493 or 499. Some Technical Electives may require additional prerequisites. |

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.





2020 - 2021 Major Map






Computer Science (Software Engineering), BS






School/College: [Ira A. Fulton Schools of Engineering](#)

Location: [Tempe campus](#)

ESCSESBS

| Term 1 0 - 15 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  CSE 110: Principles of Programming (CS) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, TOEFL or IELTS score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students and should be taken in the first semester. • If ENG 105 is taken, a three (3) credit hour elective must also be taken prior to graduation. • Prep for success using the First-Year Student Guide. • Join a Fulton community. • Explore engineering and technical professions. |
|  MAT 265: Calculus for Engineers I (MA) | 3 | C | |
| ASU 101-CSE: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| FSE 100: Introduction to Engineering | 2 | C | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 2 15 - 31 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  CSE 205: Object-Oriented Programming and Data Structures (CS) | 3 | C | <ul style="list-style-type: none"> • Three (3) lab science classes are required. Two of the three classes must be from the same subject area or discipline. • Create a Handshake profile. • Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
|  MAT 266: Calculus for Engineers II (MA) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Lab Science Requirement AND Natural Science - Quantitative (SQ) | 4 | | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 3 31 - 47 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  CSE 120: Digital Design Fundamentals | 3 | C | <ul style="list-style-type: none"> • Three (3) lab science classes are required. Two of the three classes must be from the same subject area or discipline. • Prep for success using the Sophomore Guide |
|  CSE 240: Introduction to Programming Languages | 3 | C | |
|  MAT 243: Discrete Mathematical Structures | 3 | C | |
|  MAT 267: Calculus for Engineers III (MA) OR CSE 259: Logic in Computer Science | 3 | C | |
| Lab Science Requirement AND Natural Science - General (SG) or Natural Science - Quantitative (SQ) | 4 | | |

⚠ Minimum 2.00 GPA ASU Cumulative.

Complete Mathematics (MA) requirement.

Term hours subtotal: 16

| Term 4 47 - 63 Credit Hours Critical course signified by ⚠ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ⚠ CSE 230: Computer Organization and Assembly Language Programming | 3 | C | <ul style="list-style-type: none"> • Three (3) lab science classes are required. Two of the three classes must be from the same subject area or discipline. • Pursue an undergraduate research experience. • Apply for internships. • Attend career fairs and events. |
| ⚠ CSE 310: Data Structures and Algorithms | 3 | C | |
| Lab Science Requirement AND Natural Science - General (SG) or Natural Science - Quantitative (SQ) | 4 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Elective | 3 | | |
| ⚠ Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | | 16 | |

| Term 5 63 - 79 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ CSE 355: Introduction to Theoretical Computer Science | 3 | C | <ul style="list-style-type: none"> • Plan for success using the Junior Guide. • Network at student organization competitions or professional societies. |
| CSE 301: Computing Ethics | 1 | C | |
| CSE 360: Introduction to Software Engineering | 3 | C | |
| CSE 365: Information Assurance | 3 | C | |
| IEE 380: Probability and Statistics for Engineering Problem Solving (CS) | 3 | C | |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | | 16 | |

| Term 6 79 - 94 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ CSE 330: Operating Systems | 3 | C | <ul style="list-style-type: none"> • Research and prepare for graduate school. • Apply for an engineering 4+1 program. • Develop a professional profile online. |
| ★ CSE 340: Principles of Programming Languages | 3 | C | |
| CSE 445: Distributed Software Development | 3 | C | |
| MAT 343: Applied Linear Algebra | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | | 15 | |

| Term 7 94 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ CSE 485: Computer Science Capstone Project I (L) | 3 | C | <ul style="list-style-type: none"> • Please see course lists below for Technical Electives. Contact CIDSE Advising or visit the CIDSE website for additional information. • Students should take CSE 434 as the Upper Division Technical Elective in Term 7 if they plan taking CSE 468 in Term 8. CSE 434 is a prerequisite for CSE 468. • Plan for success using the Senior Guide. • Use Handshake to apply for full-time positions. |
| CSE 460: Software Analysis and Design | 3 | C | |
| CSE 464: Software Quality Assurance and Testing | 3 | C | |
| Upper Division Technical Elective | 3 | C | |
| Elective | 2 | | |
| Term hours subtotal: | | 14 | |

- Complete an in person or virtual **practice interview**.

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ CSE 486: Computer Science Capstone Project II (L) | 3 | C | <ul style="list-style-type: none"> • CSE 468 requires CSE 434 as a prerequisite. • Please see course lists below for Technical Electives. Contact CIDSE Advising or visit the CIDSE website for additional information. |
| CSE 446: Software Integration and Engineering | 3 | C | |
| CSE 463: Introduction to Human Computer Interaction OR CSE 466: Computer Systems Security OR CSE 467: Data and Information Security OR CSE 468: Computer Network Security | 3 | C | |
| Upper Division Technical Elective | 3 | C | |
| Term hours subtotal: | 12 | | |

- Please see course lists below for Technical Electives. Contact CIDSE Advising or visit the **CIDSE website** for additional information.

Hide Course List(s)/Track Group(s)

| Lab Science Requirement | Technical Electives | Technical Electives continued |
|---|--|---|
| BIO 181: General Biology I (SQ) | Students who plan to take CSE 468 in Term 8 should take CSE 434 as the Upper Division Technical Elective in Term 7. CSE 434 is a prerequisite for CSE 468. | EEE 304: Signals and Systems II |
| BIO 182: General Biology II (SG) | | EEE 333: Hardware Design Languages and Programmable Logic |
| CHM 113: General Chemistry I (SQ) | AEE 415: Vibration Analysis | EEE 350: Random Signal Analysis |
| CHM 116: General Chemistry II (SQ) | AEE 426: Design of Aerospace Structures | EEE 360: Energy Systems and Power Electronics |
| GLG 101: Introduction to Geology I (Physical) (SQ) AND GLG 103: Introduction to Geology I-Laboratory (SQ) | AEE 462: Space Vehicle Dynamics and Control | EEE 404: Real-Time DSP Systems |
| GLG 102: Introduction to Geology II (Historical) (SG & H) AND GLG 104: Introduction to Geology II-Laboratory (SG) | AEE 463: Aircraft Propulsion | EEE 407: Digital Signal Processing |
| GLG 110: Dangerous World (SQ & G) AND GLG 111: Dangerous World Laboratory (SQ) | AEE 465: Rocket Propulsion | EEE 425: Digital Systems and Circuits |
| PHY 121: University Physics I: Mechanics (SQ) AND PHY 122: University Physics Laboratory I (SQ) | AEE 468: Aircraft Systems Design | EEE 433: Analog Integrated Circuits |
| PHY 131: University Physics II: Electricity and Magnetism (SQ) AND PHY 132: University Physics Laboratory II (SQ) | AEE 471: Computational Fluid Dynamics | EEE 434: Quantum Mechanics for Engineers |
| | AME 430: Mac Development for Media Arts | EEE 435: Fundamentals of CMOS and MEMS |
| | AME 435: Mobile Development | EEE 436: Fundamentals of Solid-State Devices |
| | BCH 361: Advanced Principles of Biochemistry | EEE 437: Optoelectronics |
| | BCH 461: General Biochemistry | EEE 439: Semiconductor Facilities and Cleanroom Practices |
| | BCH 462: General Biochemistry | EEE 443: Antennas for Wireless Communications |
| | BIO 340: General Genetics | EEE 445: Microwaves |
| | BIO 343: Genetic Engineering and Society (L) | EEE 448: Fiber Optics |
| | BIO 345: Evolution | EEE 455: Communication Systems |
| | BME 350: Signals and Systems for Bioengineers | EEE 459: Communication Networks |

| | |
|---|--|
| BME 413: Biomedical Instrumentation (L) | EEE 460: Nuclear Power Engineering |
| BME 416: Advanced Biomechanics | EEE 463: Electrical Power Plants |
| CEE 412: Pavement Analysis and Design | EEE 470: Electric Power Devices |
| CEE 432: Developing Software for Engineering Applications | EEE 471: Power System Analysis |
| CEE 440: Hydrology | EEE 473: Electrical Machinery |
| CEE 441: Water Resources Engineering | EEE 480: Feedback Systems |
| CEE 452: Foundations | EEE 481: Computer-Controlled Systems |
| CEE 462: Unit Operations in Environmental Engineering | FSE 301: Entrepreneurship and Value Creation |
| CEE 466: Urban Water System Design | IEE 376: Operations Research Deterministic Techniques/Applications |
| CEE 467: Environmental Microbiology | IEE 381: Lean Six Sigma Methodology |
| CEE 474: Transportation Systems Planning | IEE 385: Engineering Statistics: Probability |
| CEE 475: Highway Geometric Design | IEE 412: Introduction to Financial Engineering |
| CEE 481: Civil Engineering Project Management | IEE 426: Operations Research in Healthcare |
| CEE 483: Highway Materials Construction and Quality | IEE 431: Engineering Administration (L) |
| CEE 486: Integrated Civil Engineering Design (L) | IEE 456: Introduction to Systems Engineering |
| CHE 342: Introduction to Applied Chemical Thermodynamics | IEE 458: Project Management |
| CHE 432: Principles of Chemical Engineering Design | IEE 461: Production Control |
| CHE 442: Introduction to Chemical Reactor Design | IEE 470: Stochastic Operations Research |
| CHE 461: Process Dynamic Control (CS) | IEE 474: Quality Control |
| CHE 462: Process Design (L) | IEE 475: Simulating Stochastic Systems (CS) |
| CHE 469: Air Quality Engineering | MAE 341: Mechanism Analysis and Design |
| CHE 475: Biochemical Engineering | MAE 404: Finite Elements in Engineering |
| CIS 415: Big Data Analytics in Business | MAE 417: System Dynamics and Control II |
| CPI 350: Evaluation of Informatics Systems | MAE 436: Combustion |
| CPI 360: Decision Making and Problem Solving | MAE 455: Polymers and Composites |
| CPI 411: Graphics for Games | MAT Upper Division Elective |
| CPI 460: Intelligent Interactive Instructional Systems | Except for: MAT 300 MAT 340 MAT 342 MAT 343 and MAT 485 |
| CPI 462: Design for Learning in Virtual Worlds | MEE 434: Internal Combustion Engines |
| CSE 325: Embedded Microprocessor Systems | MEE 446: Energy Systems Design |
| | PHY 302: Mathematical Methods in Physics II |
| | PHY 361: Introductory Modern Physics |
| | PHY 462: Particle and Nuclear Physics |
| | PHY 494: Computational Methods in Physics |

| | |
|---|---|
| CSE 335: Principles of Mobile Application Development | SER 421: Web-Based Applications and Mobile Systems |
| CSE 4** Elective | SER 422: Web Application Programming |
| Except for CSE 485 and CSE 486 | SER 423: Mobile Systems |
| | STP 421: Probability |
| | STP 425: Stochastic Processes |
| | STP 427: Mathematical Statistics |
| | STP 429: Applied Regression (CS) |
| | NOTE: Maximum 3 hours CSE 484 or FSE 301. Maximum 6 hours of CSE 484 492 493 or 499. Some Technical Electives may require additional prerequisites. |

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.





2020 - 2021 Major Map






Computer Systems Engineering, BSE






School/College: [Ira A. Fulton Schools of Engineering](#)

Location: [Tempe campus](#)

ESCSEBSE

| Term 1 0 - 15 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  CSE 110: Principles of Programming (CS) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, TOEFL or IELTS score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students and should be taken in the first semester. • If ENG 105 is taken, a three (3) semester hour elective must also be taken prior to graduation. • Prep for success using the First-Year Student Guide. • Join a Fulton community. • Explore engineering and technical professions. |
|  MAT 265: Calculus for Engineers I (MA) | 3 | C | |
| ASU 101-CSE: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| FSE 100: Introduction to Engineering | 2 | C | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 2 15 - 31 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  CSE 205: Object-Oriented Programming and Data Structures (CS) | 3 | C | <ul style="list-style-type: none"> • Create a Handshake profile. • Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
|  MAT 266: Calculus for Engineers II (MA) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Biology or Chemistry Course | 4 | | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 3 31 - 47 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  CSE 120: Digital Design Fundamentals | 3 | C | <ul style="list-style-type: none"> • Prep for success using the Sophomore Guide. |
|  MAT 243: Discrete Mathematical Structures | 3 | C | |
|  MAT 267: Calculus for Engineers III (MA) | 3 | C | |
| PHY 121: University Physics I: Mechanics (SQ) AND PHY 122: University Physics Laboratory I (SQ) | 4 | C | |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete Mathematics (MA) requirement. | | | |

Term hours subtotal: 16

| Term 4 47 - 63 Credit Hours Critical course signified by ⚠ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ⚠ CSE 220: Programming for Computer Engineering | 3 | C | <ul style="list-style-type: none"> Pursue an undergraduate research experience. Apply for internships. Attend career fairs and events. |
| ⚠ CSE 230: Computer Organization and Assembly Language Programming | 3 | C | |
| MAT 275: Modern Differential Equations (MA) | 3 | C | |
| PHY 131: University Physics II: Electricity and Magnetism (SQ) AND PHY 132: University Physics Laboratory II (SQ) | 4 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 5 63 - 77 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ CSE 310: Data Structures and Algorithms | 3 | C | <ul style="list-style-type: none"> Plan for success using the Junior Guide. Network at student organization competitions or professional societies. |
| CSE 301: Computing Ethics | 1 | C | |
| CSE 320: Design and Synthesis of Digital Hardware | 3 | C | |
| EEE 202: Circuits I | 4 | C | |
| IEE 380: Probability and Statistics for Engineering Problem Solving (CS) | 3 | C | |
| Term hours subtotal: | 14 | | |

| Term 6 77 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ CSE 325: Embedded Microprocessor Systems | 3 | C | <ul style="list-style-type: none"> Research and prepare for graduate school. Apply for an engineering 4+1 program. Develop a professional profile online. |
| CSE 330: Operating Systems | 3 | C | |
| CSE 360: Introduction to Software Engineering | 3 | C | |
| EEE 334: Circuits II | 4 | C | |
| MAT 343: Applied Linear Algebra | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ CSE 423: Systems Capstone Project I (L) | 3 | C | <ul style="list-style-type: none"> Please see course lists below for CSE Technical Electives. Contact CIDSE Advising or visit the CIDSE website for additional information. Maximum 6 hours at the 300-level. Plan for success using the Senior Guide. Use Handshake to apply for full-time positions. Complete an in person or virtual practice interview. |
| CSE 434: Computer Networks | 3 | C | |
| Complete 2 courses: Upper Division CSE Technical Elective | 6 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ CSE 424: Systems Capstone Project II (L) | 3 | C | <ul style="list-style-type: none"> Please see course lists below for CSE Technical Electives. Contact CIDSE Advising or visit the CIDSE website for additional |
| CSE 420: Computer Architecture I | 3 | C | |
| Complete 2 courses: | | | |

| | | |
|---|----|---|
| 4** Upper Division CSE Technical Elective | 6 | C |
| Term hours subtotal: | 12 | |

information. Maximum 6 hours at the 300-level.

- Please see course lists below for CSE Technical Electives. Contact CIDSE Advising or visit the [CIDSE website](#) for additional information. Maximum 6 hours at the 300-level.

Hide Course List(s)/Track Group(s)

| Biology or Chemistry Courses | Upper Division CSE Technical Electives |
|---|---|
| BIO 181: General Biology I (SQ) | Note: 6 hours maximum of 300-level Technical Electives. 6 hours minimum of 400-level Technical Electives. |
| BIO 182: General Biology II (SG) | |
| CHM 113: General Chemistry I (SQ) | Maximum 3 hours of CSE 484 or FSE 301. |
| CHM 114: General Chemistry for Engineers (SQ) | Maximum 6 hours of CSE 484 492 493 or 499. |
| CHM 116: General Chemistry II (SQ) | Some Technical Electives may require additional prerequisites. |
| | Students considering graduate program in Computer Science should take CSE 340 and CSE 355. |
| | CPI 350: Evaluation of Informatics Systems |
| | CPI 411: Graphics for Games |
| | CSE 335: Principles of Mobile Application Development |
| | CSE 340: Principles of Programming Languages |
| | CSE 355: Introduction to Theoretical Computer Science |
| | CSE 365: Information Assurance |
| | CSE 4** Elective |
| | Not from CSE 423 or 424. |
| | EEE 304: Signals and Systems II |
| | EEE 350: Random Signal Analysis |
| | EEE 404: Real-Time DSP Systems |
| | EEE 407: Digital Signal Processing |
| | EEE 425: Digital Systems and Circuits |
| | EEE 455: Communication Systems |
| | EEE 480: Feedback Systems |
| | EEE 481: Computer-Controlled Systems |
| | FSE 301: Entrepreneurship and Value Creation |
| | Academic Catalog Archive 2020-2021 |

IEE 385: Engineering Statistics: Probability

MAT 416: Graph Theory

MAT 421: Applied Computational Methods
(CS)

MAT 447: Cryptography I

MAT 448: Cryptography II

PHY 302: Mathematical Methods in Physics II

PHY 333: Electronic Circuits and
Measurements

PHY 441: Statistical and Thermal Physics

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.





2020 - 2021 Major Map






Computer Systems Engineering (Cybersecurity), BSE






School/College: [Ira A. Fulton Schools of Engineering](#)

Location: [Tempe campus](#)

ESCSEIBSE

| Term 1 0 - 15 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  CSE 110: Principles of Programming (CS) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, TOEFL or IELTS score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students and should be taken in the first semester. • If ENG 105 is taken, a three (3) semester hour elective must also be taken prior to graduation. • Prep for success using the First-Year Student Guide. • Join a Fulton community. • Explore engineering and technical professions. |
|  MAT 265: Calculus for Engineers I (MA) | 3 | C | |
| ASU 101-CSE: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| FSE 100: Introduction to Engineering | 2 | C | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 2 15 - 31 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  CSE 205: Object-Oriented Programming and Data Structures (CS) | 3 | C | <ul style="list-style-type: none"> • Create a Handshake profile. • Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
|  MAT 266: Calculus for Engineers II (MA) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Biology or Chemistry Course | 4 | | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 3 31 - 47 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  CSE 120: Digital Design Fundamentals | 3 | C | <ul style="list-style-type: none"> • Prep for success using the Sophomore Guide. |
|  MAT 243: Discrete Mathematical Structures | 3 | C | |
|  MAT 267: Calculus for Engineers III (MA) | 3 | C | |
| PHY 121: University Physics I: Mechanics (SQ) AND PHY 122: University Physics Laboratory I (SQ) | 4 | C | |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete Mathematics (MA) requirement. | | | |

Term hours subtotal: 16

| Term 4 47 - 63 Credit Hours Critical course signified by ⚠ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ⚠ CSE 220: Programming for Computer Engineering | 3 | C | <ul style="list-style-type: none"> Pursue an undergraduate research experience. Apply for internships. Attend career fairs and events. |
| ⚠ CSE 230: Computer Organization and Assembly Language Programming | 3 | C | |
| MAT 275: Modern Differential Equations (MA) | 3 | C | |
| PHY 131: University Physics II: Electricity and Magnetism (SQ) AND PHY 132: University Physics Laboratory II (SQ) | 4 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 5 63 - 77 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ CSE 310: Data Structures and Algorithms | 3 | C | <ul style="list-style-type: none"> Plan for success using the Junior Guide. Network at student organization competitions or professional societies. |
| CSE 301: Computing Ethics | 1 | C | |
| CSE 320: Design and Synthesis of Digital Hardware | 3 | C | |
| EEE 202: Circuits I | 4 | C | |
| IEE 380: Probability and Statistics for Engineering Problem Solving (CS) | 3 | C | |
| Term hours subtotal: | 14 | | |

| Term 6 77 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ CSE 325: Embedded Microprocessor Systems | 3 | C | <ul style="list-style-type: none"> Research and prepare for graduate school. Apply for an engineering 4+1 program. Develop a professional profile online. |
| ★ CSE 330: Operating Systems | 3 | C | |
| ★ CSE 360: Introduction to Software Engineering | 3 | C | |
| CSE 365: Information Assurance | 3 | C | |
| EEE 334: Circuits II | 4 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ CSE 423: Systems Capstone Project I (L) | 3 | C | <ul style="list-style-type: none"> Plan for success using the Senior Guide. Use Handshake to apply for full-time positions. Complete an in person or virtual practice interview. |
| CSE 434: Computer Networks | 3 | C | |
| MAT 343: Applied Linear Algebra | 3 | C | |
| Upper Division Cybersecurity Focus Courses | 3 | C | |
| Upper Division CSE Technical Elective | 3 | C | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ CSE 424: Systems Capstone Project II (L) | 3 | C | |
| CSE 420: Computer Architecture I | 3 | C | |
| Upper Division Cybersecurity Focus Courses | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |

Term hours subtotal: 12

Hide Course List(s)/Track Group(s)

| Biology or Chemistry Course | Cybersecurity Focus Courses | CSE Technical Elective |
|---|---|---|
| BIO 181: General Biology I (SQ) | CSE 466: Computer Systems Security | CPI 350: Evaluation of Informatics Systems |
| BIO 182: General Biology II (SG) | CSE 468: Computer Network Security | CPI 411: Graphics for Games |
| CHM 113: General Chemistry I (SQ) | CSE 469: Computer and Network Forensics | CSE 335: Principles of Mobile Application Development |
| CHM 114: General Chemistry for Engineers (SQ) | CSE 494: Artificial Intelligence for Cyber Security | CSE 340: Principles of Programming Languages |
| CHM 116: General Chemistry II (SQ) | | CSE 355: Introduction to Theoretical Computer Science |
| | | CSE 365: Information Assurance |
| | | CSE 4** Elective |
| | | EEE 304: Signals and Systems II |
| | | EEE 350: Random Signal Analysis |
| | | EEE 404: Real-Time DSP Systems |
| | | EEE 407: Digital Signal Processing |
| | | EEE 425: Digital Systems and Circuits |
| | | EEE 455: Communication Systems |
| | | EEE 480: Feedback Systems |
| | | EEE 481: Computer-Controlled Systems |
| | | FSE 301: Entrepreneurship and Value Creation |
| | | IEE 385: Engineering Statistics: Probability |
| | | MAT 416: Graph Theory |
| | | MAT 421: Applied Computational Methods (CS) |
| | | MAT 447: Cryptography I |
| | | MAT 448: Cryptography II |
| | | PHY 302: Mathematical Methods in Physics II |
| | | PHY 333: Electronic Circuits and Measurements |
| | | PHY 441: Statistical and Thermal Physics |

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum

General University Requirements Legend
 General Studies Core Requirements:

Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.






2020 - 2021 Major Map








Construction Engineering, BSE







School/College: [Ira A. Fulton Schools of Engineering](#)

Location: [Tempe campus](#)

ESCONBSE

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  CHM 114: General Chemistry for Engineers (SQ) OR CHM 116: General Chemistry II (SQ) | 4 | | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • If ENG 105 is taken, a 3 credit hour applicable elective must also be taken prior to graduation. See advisor. • Prep for success using the First-Year Student Guide. • Join a Fulton community. • Explore engineering and technical professions. |
|  FSE 100: Introduction to Engineering | 2 | C | |
|  MAT 265: Calculus for Engineers I (MA) | 3 | C | |
| ASU 101-CON: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  MAT 242: Elementary Linear Algebra | 2 | C | <ul style="list-style-type: none"> • Create a Handshake profile. • Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
|  MAT 266: Calculus for Engineers II (MA) | 3 | C | |
|  PHY 121: University Physics I: Mechanics (SQ) | 3 | C | |
|  PHY 122: University Physics Laboratory I (SQ) | 1 | C | |
| CON 101: Construction and Culture: a Built Environment (HU & H) | 3 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 3 31 - 47 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  CNE 210: Engineering Mechanics I: Statics | 3 | C | <ul style="list-style-type: none"> • Prep for success using the Sophomore Guide. |
|  MAT 267: Calculus for Engineers III (MA) | 3 | C | |
|  MAT 275: Modern Differential Equations (MA) | 3 | C | |
|  PHY 131: University Physics II: Electricity and Magnetism (SQ) | 3 | C | |
|  PHY 132: University Physics Laboratory II (SQ) | 1 | C | |
| ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB) | 3 | | |

⚠ Minimum 2.00 GPA ASU Cumulative.

Complete Mathematics (MA) requirement.

Term hours subtotal: 16

| Term 4 47 - 62 Credit Hours Critical course signified by ⚠ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ⚠ CNE 212: Engineering Mechanics II: Dynamics | 3 | C | <ul style="list-style-type: none"> Pursue an undergraduate research experience. Apply for internships. Attend career fairs and events. |
| ⚠ CNE 213: Introduction to Deformable Solids | 3 | C | |
| ⚠ CNE 243: Heavy Construction Equipment, Methods and Materials | 3 | | |
| BIO 181: General Biology I (SQ) OR BIO 182: General Biology II (SG) OR BME 111: Engineering Perspectives on Biological Systems OR GLG 101: Introduction to Geology I (Physical) (SQ) | 3-4 | | |
| CNE 271: Construction Safety | 3 | C | |
| Term hours subtotal: | 15-16 | | |

| Term 5 62 - 77 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ CNE 321: Structural Analysis and Design | 4 | | <ul style="list-style-type: none"> If students take MAE 241 they will need to make up 1 credit hour in a Civil, Construction, math or science course. Plan for success using the Junior Guide. Network at student organization competitions or professional societies. |
| CNE 353: Civil Engineering Materials | 4 | | |
| EEE 202: Circuits I OR MAE 241: Introduction to Thermodynamics | 4-3 | | |
| IEE 380: Probability and Statistics for Engineering Problem Solving (CS) | 3 | | |
| Term hours subtotal: | 15-14 | | |

| Term 6 77 - 91 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ CNE 383: Construction Estimating | 4 | | <ul style="list-style-type: none"> Research and prepare for graduate school. Apply for an engineering 4+1 program. Develop a professional profile online. |
| CNE 241: Surveying | 3 | | |
| CNE 351: Geotechnical Engineering | 4 | | |
| CNE 400: Earth Systems Engineering and Management ((L or HU) & H) | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 14 | | |

| Summer 6 91 - 92 Credit Hours | Hours | Minimum Grade | Notes |
|-------------------------------|-------|---------------|-------|
| CNE 484: Internship | 1 | | |
| Term hours subtotal: | 1 | | |

| Term 7 92 - 107 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ CNE 453: Construction Technology | 3 | | <ul style="list-style-type: none"> Design Elective requirements: complete a total of 2 design electives. Plan for success using the Senior Guide. Use Handshake to apply for full-time positions. Complete an in person or virtual practice interview. |
| CNE 495: Construction Planning and Scheduling (CS) | 3 | | |
| Upper Division Design Elective | 3 | | |
| Technical Elective | 3 | | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 107 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | |
|--|----|
| ★ CNE 486: Integrated Civil Engineering Design (L) | 4 |
| CNE 455: Construction Project Management II | 3 |
| CNE 496: Construction Contract Administration (L) | 3 |
| Upper Division Design Elective | 3 |
| Term hours subtotal: | 13 |

- Design Elective requirements: complete a total of 2 design electives.

Hide Course List(s)/Track Group(s)

| Design Elective | Technical Elective |
|------------------------------|---|
| CEE 420: Steel Structures | CEE 372: Transportation Engineering |
| CEE 421: Concrete Structures | CEE 412: Pavement Analysis and Design |
| CEE 452: Foundations | CEE 420: Steel Structures |
| | CEE 421: Concrete Structures |
| | CEE 432: Developing Software for Engineering Applications |
| | CEE 440: Hydrology |
| | CEE 441: Water Resources Engineering |
| | CEE 452: Foundations |
| | CEE 462: Unit Operations in Environmental Engineering |
| | CEE 466: Urban Water System Design |
| | CEE 467: Environmental Microbiology |
| | CEE 474: Transportation Systems Planning |
| | CEE 475: Highway Geometric Design |
| | CEE 481: Civil Engineering Project Management |
| | CEE 483: Highway Materials Construction and Quality |
| | CEE 493: Honors Thesis (L) |
| | CEE 494: Concrete Canoe Design |
| | CEE 494: Steel Bridge Design |
| | CON 296: Summer Field Internship |
| | CON 310: Testing of Materials for Construction |
| | CON 345: Mechanical Systems |
| | CON 448: Sustainable Construction |
| | CON 454: Trenchless Construction Methods |
| | CON 493: Honors Thesis (L) |

FSE 301: Entrepreneurship and Value
Creation

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
**Hrs Resident Credit for
Academic Recognition:** 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.







2020 - 2021 Major Map





Construction Management and Technology, BS





School/College: [Ira A. Fulton Schools of Engineering](#)

Location: [Tempe campus](#)

ESCONMGTB5

| Term 1 0 - 15 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  CON 100: Introduction to Construction | 2 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students and should be taken the first semester. • Prep for success using the First-Year Student Guide. • Join a Fulton community. • Explore engineering and technical professions. |
|  CON 101: Construction and Culture: a Built Environment (HU & H) | 3 | C | |
|  CON 252: Building Construction Methods, Materials, and Equipment | 3 | C | |
|  MAT 170: Precalculus (MA) | 3 | C | |
| ASU 101-CON: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 2 15 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  CON 244: Working Drawing Analysis | 2 | C | <ul style="list-style-type: none"> • Create a Handshake profile. • Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
| COM 225: Public Speaking (L) | 3 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| PHY 111: General Physics (SQ) | 3 | C | |
| PHY 113: General Physics Laboratory (SQ) | 1 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 3 30 - 45 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  CON 221: Applied Statics | 2 | C | <ul style="list-style-type: none"> • Prep for success using the Sophomore Guide. |
|  CON 251: Microcomputer Applications for Construction | 3 | C | |
| CON 243: Heavy Construction Equipment, Methods and Materials | 3 | C | |
| STP 226: Elements of Statistics (CS) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 15 | | |

| | | Minimum | |
|--|--|---------|--|
|--|--|---------|--|

| Term 4 45 - 59 Credit Hours Critical course signified by ⚠ | Hours | Grade | Notes |
|---|-------|-------|--|
| ⚠ CON 223: Strength of Materials | 2 | C | <ul style="list-style-type: none"> Pursue an undergraduate research experience. Apply for internships. Attend career fairs and events. |
| ⚠ CON 271: Construction Safety | 3 | C | |
| CON 241: Surveying | 3 | C | |
| CON 345: Mechanical Systems | 3 | | |
| ECN 212: Microeconomic Principles (SB) | 3 | | |
| Term hours subtotal: | 14 | | |

| Summer 4 59 - 60 Credit Hours | Hours | Minimum Grade | Notes |
|----------------------------------|-------|---------------|-------|
| CON 296: Summer Field Internship | 1 | C | |
| Term hours subtotal: | 1 | | |

| Term 5 60 - 74 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ CON 310: Testing of Materials for Construction | 4 | | <ul style="list-style-type: none"> Plan for success using the Junior Guide. Network at student organization competitions or professional societies. |
| CON 273: Electrical Construction Fundamentals and Project Management | 3 | C | |
| CON 383: Construction Estimating | 4 | | |
| CON 453: Construction Technology | 3 | | |
| Term hours subtotal: | 14 | | |

| Term 6 74 - 89 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ CON 495: Construction Planning and Scheduling (CS) | 3 | | <ul style="list-style-type: none"> Research and prepare for graduate school. Apply for an engineering 4+1 program. Develop a professional profile online. |
| CON 424: Structural Design | 3 | | |
| CON 448: Sustainable Construction | 3 | | |
| MGT 380: Management and Strategy for Nonmajors | 3 | | |
| Upper Division Construction Engineering Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Summer 6 89 - 90 Credit Hours | Hours | Minimum Grade | Notes |
|-------------------------------|-------|---------------|-------|
| CON 484: Internship | 1 | | |
| Term hours subtotal: | 1 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ CON 455: Construction Project Management II | 3 | | <ul style="list-style-type: none"> Students must have a minimum 2.50 GPA in order to take LES 305. Plan for success using the Senior Guide. Use Handshake to apply for full-time positions. Complete an in person or virtual practice interview. |
| ACC 382: Accounting and Financial Analysis | 3 | | |
| CON 487: Heavy Construction Project Management | 3 | | |
| Upper Division Construction Engineering Elective | 3 | | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ CON 491: Construction Project Capstone | 3 | | |

| | |
|---|----|
| CON 496: Construction Contract Administration (L) | 3 |
| ECN 211: Macroeconomic Principles (SB) | 3 |
| LES 305: Business Law and Ethics for Managers | 3 |
| Upper Division Construction Engineering Elective | 3 |
| Term hours subtotal: | 15 |

Hide Course List(s)/Track Group(s)

| |
|--|
| Construction Engineering Elective |
| CON 343: Advanced Heavy Equipment Operations |
| CON 384: Environmental Aspects of Heavy Construction |
| CON 446: Marketing for Construction |
| CON 450: Geotechnical Applications for Construction |
| CON 454: Trenchless Construction Methods |
| CON 457: Principles of Leadership for Project Managers |
| CON 483: Advanced Building Estimating |
| CON 486: Heavy Construction Estimating |
| CON 488: Heavy Construction Earthworks |

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map







Electrical Engineering, BSE




School/College: [Ira A. Fulton Schools of Engineering](#)

Location: [Tempe campus](#)

ESEEEBSE

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  MAT 265: Calculus for Engineers I (MA) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students and should be taken the first semester. • If ENG 105 is taken, a 3 hour applicable elective must also be taken prior to graduation. See advisor. • Prep for success using the First-Year Student Guide. • Join a Fulton community. • Explore engineering and technical professions. |
| ASU 101-EEE: The ASU Experience | 1 | | |
| CHM 114: General Chemistry for Engineers (SQ) OR CHM 116: General Chemistry II (SQ) | 4 | | |
| CSE 100: Principles of Programming with C++ (CS) | 3 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| FSE 100: Introduction to Engineering | 2 | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  MAT 266: Calculus for Engineers II (MA) | 3 | C | <ul style="list-style-type: none"> • Create a Handshake profile. • Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
|  PHY 121: University Physics I: Mechanics (SQ) | 3 | C | |
|  PHY 122: University Physics Laboratory I (SQ) | 1 | C | |
| EEE 120: Digital Design Fundamentals | 3 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 46 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  EEE 202: Circuits I | 4 | | <ul style="list-style-type: none"> • Prep for success using the Sophomore Guide. |
| MAT 267: Calculus for Engineers III (MA) | 3 | C | |
| MAT 275: Modern Differential Equations (MA) | 3 | C | |
| PHY 131: University Physics II: Electricity and Magnetism (SQ) | 3 | C | |
| PHY 132: University Physics Laboratory II (SQ) | 1 | C | |
|  Complete First-Year Composition requirement. | | | |

⚠ Minimum 2.00 GPA ASU Cumulative.

Complete Mathematics (MA) requirement.

Term hours subtotal: 14

| Term 4 46 - 61 Credit Hours Critical course signified by ⚠ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ⚠ EEE 203: Signals and Systems I | 3 | | <ul style="list-style-type: none"> Pursue an undergraduate research experience. Apply for internships. Attend career fairs and events. |
| ⚠ EEE 241: Fundamentals of Electromagnetics | 3 | | |
| MAT 342: Linear Algebra OR MAT 343: Applied Linear Algebra | 3 | C | |
| PHY 241: University Physics III | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 5 61 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ EEE 334: Circuits II | 4 | | <ul style="list-style-type: none"> Plan for success using the Junior Guide. Network at student organization competitions or professional societies. |
| EEE 230: Computer Organization and Assembly Language Programming | 3 | | |
| EEE 350: Random Signal Analysis | 3 | | |
| Upper Division Area Pathway Course | 4 | | |
| Term hours subtotal: | 14 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ Complete 3 courses: Upper Division Area Pathway Course | 12 | | <ul style="list-style-type: none"> Research and prepare for graduate school. Apply for an engineering 4+1 program. Develop a professional profile online. |
| ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB) | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ EEE 488: Senior Design Laboratory I (L) | 3 | | <ul style="list-style-type: none"> Plan for success using the Senior Guide. Use Handshake to apply for full-time positions. Complete an in person or virtual practice interview. |
| Upper Division Math or Science or Engineering Elective | 3 | | |
| Complete 2 courses: Upper Division Technical Elective | 6 | | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ EEE 489: Senior Design Laboratory II (L) | 3 | | |
| Complete 3 courses: Upper Division Technical Elective | 9 | | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 15 | | |

Hide Course List(s)/Track Group(s)

| Technical Electives | Math or Science or Engineering Elective | Area Pathway Course |
|--|---|---|
| EEE 404: Real-Time DSP Systems | AEE Upper Division Elective | EEE 304: Signals and Systems II |
| EEE 407: Digital Signal Processing | BIO Upper Division Elective | EEE 333: Hardware Design Languages and Programmable Logic |
| EEE 425: Digital Systems and Circuits | BME Upper Division Elective | EEE 335: Analog and Digital Circuits |
| EEE 433: Analog Integrated Circuits | CEE Upper Division Elective | EEE 341: Engineering Electromagnetics |
| EEE 434: Quantum Mechanics for Engineers | CHE Upper Division Elective | EEE 352: Properties of Electronic Materials |
| EEE 435: Fundamentals of CMOS and MEMS | CHM Upper Division Elective | EEE 360: Energy Systems and Power Electronics |
| EEE 436: Fundamentals of Solid-State Devices | CPI Upper Division Elective | |
| EEE 437: Optoelectronics | CSE Upper Division Elective | |
| EEE 439: Semiconductor Facilities and Cleanroom Practices | FSE Upper Division Elective | |
| EEE 443: Antennas for Wireless Communications | IEE Upper Division Elective | |
| EEE 445: Microwaves | MAE Upper Division Elective | |
| EEE 448: Fiber Optics | MAT Upper Division Elective | |
| EEE 455: Communication Systems | MSE Upper Division Elective | |
| EEE 459: Communication Networks | PHY Upper Division Elective | |
| EEE 460: Nuclear Power Engineering | STP 420: Introductory Applied Statistics (CS) | |
| EEE 463: Electrical Power Plants | STP 421: Probability | |
| EEE 465: Photovoltaic Energy Conversion | Upper Division Technical Elective | |
| EEE 470: Electric Power Devices | | |
| EEE 471: Power System Analysis | | |
| EEE 472: Power Electronics and Power Management | | |
| EEE 473: Electrical Machinery | | |
| EEE 480: Feedback Systems | | |
| EEE 481: Computer-Controlled Systems | | |
| EEE 498: Constructionist Approach to Microprocessor Design | | |
| EEE 498: Manufacturing Science of Solar Cells | | |
| EEE 498: Networking for Big Data | | |
| EEE 498: Pro-Seminar | | |
| EEE 498: Python for Rapid Engineering Solutions | | |
| EEE 498: Science and Technology of Solar Cell Fabrication | | |

Notes:

- Accredited by the Engineering Accreditation Commission of ABET, <http://www.abet.org/>.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map




Electrical Engineering, BSE




School/College: [Ira A. Fulton Schools of Engineering](#)




Location: [Online](#)



ESEEBBSE

| Term 1 - A 0 - 6 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  MAT 265: Calculus for Engineers I (MA) | 3 | C | <ul style="list-style-type: none"> An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses Mathematics Placement Assessment score determines placement in mathematics course ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students If ENG 105 is taken, a 3 hour applicable elective must also be taken prior to graduation. See advisor. |
| ASU 101-UC: The ASU Experience | 1 | | |
| FSE 100: Introduction to Engineering | 2 | | |
| Term hours subtotal: | 6 | | |

| Term 1 - B 6 - 12 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  MAT 266: Calculus for Engineers II (MA) | 3 | C | <ul style="list-style-type: none"> View ASU Online first-year student registration information here. Prep for success using the First-Year Student Guide. Join a Fulton community. Explore engineering and technical professions. |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 6 | | |

| Term 2 - A 12 - 20 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  PHY 121: University Physics I: Mechanics (SQ) | 3 | C | |
|  PHY 122: University Physics Laboratory I (SQ) | 1 | C | |
| CHM 114: General Chemistry for Engineers (SQ) OR CHM 116: General Chemistry II (SQ) | 4 | | |
| Term hours subtotal: | 8 | | |

| Term 2 - B 20 - 26 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ENG 101 or ENG 102: First-Year Composition OR | | | <ul style="list-style-type: none"> Create a Handshake profile. Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| MAT 267: Calculus for Engineers III (MA) | 3 | C | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 6 | | |

| Term 3 - A 26 - 33 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  PHY 131: University Physics II: Electricity and Magnetism (SQ) | 3 | C | |

| | | |
|--|---|---|
| ⚠ PHY 132: University Physics Laboratory II (SQ) | 1 | C |
| EEE 120: Digital Design Fundamentals | 3 | |
| Term hours subtotal: | 7 | |

| Term 3 - B 33 - 39 Credit Hours Critical course signified by ⚠ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ⚠ MAT 275: Modern Differential Equations (MA) | 3 | C | <ul style="list-style-type: none"> • Prep for success using the Sophomore Guide. |
| CSE 100: Principles of Programming with C++ (CS) | 3 | | |
| ⚠ Complete First-Year Composition requirement. | | | |
| ⚠ Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 6 | | |

| Term 4 - A 39 - 46 Credit Hours Critical course signified by ⚠ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ⚠ EEE 202: Circuits I | 4 | | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 4 - B 46 - 52 Credit Hours Critical course signified by ⚠ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ⚠ EEE 241: Fundamentals of Electromagnetics | 3 | | <ul style="list-style-type: none"> • Pursue an undergraduate research experience. • Apply for internships. • Attend career fairs and events. |
| MAT 343: Applied Linear Algebra | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 5 - A 52 - 58 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| PHY 241: University Physics III | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - B 58 - 65 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ EEE 334: Circuits II | 4 | | <ul style="list-style-type: none"> • Plan for success using the Junior Guide. • Network at student organization competitions or professional societies. |
| EEE 203: Signals and Systems I | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 6 - A 65 - 72 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ EEE 350: Random Signal Analysis | 3 | | |
| Upper Division Area Pathway Course | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 6 - B 72 - 78 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| EEE 230: Computer Organization and Assembly Language Programming | 3 | | <ul style="list-style-type: none"> • Research and prepare for graduate school. • Apply for an engineering 4+1 program. • Develop a professional profile online. |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |

Term hours subtotal: 6

| Term 7 - A 78 - 85 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

★ Upper Division Area Pathway Course 4

ECN 211: Macroeconomic Principles (SB) OR ECN 212:
Microeconomic Principles (SB) 3

Term hours subtotal: 7

| Term 7 - B 85 - 92 Credit Hours | Hours | Minimum Grade | Notes |
|---------------------------------|-------|---------------|-------|
|---------------------------------|-------|---------------|-------|

Upper Division Area Pathway Course 4

Upper Division Technical Elective 3

Term hours subtotal: 7

- Plan for success using the [Senior Guide](#).
- Use [Handshake](#) to apply for full-time positions.
- Complete an in person or virtual [practice interview](#).

| Term 8 - A 92 - 99 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

★ EEE 488: Senior Design Laboratory I (L) 3

Upper Division Area Pathway Course 4

Term hours subtotal: 7

| Term 8 - B 99 - 105 Credit Hours | Hours | Minimum Grade | Notes |
|----------------------------------|-------|---------------|-------|
|----------------------------------|-------|---------------|-------|

Upper Division Math or Science or Engineering Elective 3

Upper Division Technical Elective 3

Term hours subtotal: 6

| Term 9 - A 105 - 111 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

★ EEE 489: Senior Design Laboratory II (L) 3

Upper Division Technical Elective 3

Term hours subtotal: 6

| Term 9 - B 111 - 117 Credit Hours | Hours | Minimum Grade | Notes |
|-----------------------------------|-------|---------------|-------|
|-----------------------------------|-------|---------------|-------|

Upper Division Technical Elective 3

Upper Division Humanities, Arts and Design (HU) OR Upper Division
Social-Behavioral Sciences (SB) 3

Term hours subtotal: 6

| Term 10 - A 117 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

★ Upper Division Technical Elective 3

Term hours subtotal: 3

- Major maps are built based on full-time enrollment, but can be adjusted as necessary for part-time attendance.

| Technical Electives | Area Pathway Course | Math or Science or Engineering Elective |
|--|---|---|
| EEE 404: Real-Time DSP Systems | EEE 304: Signals and Systems II | AEE Upper Division Elective |
| EEE 407: Digital Signal Processing | EEE 333: Hardware Design Languages and Programmable Logic | BIO Upper Division Elective |
| EEE 425: Digital Systems and Circuits | EEE 335: Analog and Digital Circuits | BME Upper Division Elective |
| EEE 433: Analog Integrated Circuits | EEE 341: Engineering Electromagnetics | CEE Upper Division Elective |
| EEE 434: Quantum Mechanics for Engineers | EEE 352: Properties of Electronic Materials | CHE Upper Division Elective |
| EEE 435: Fundamentals of CMOS and MEMS | EEE 360: Energy Systems and Power Electronics | CHM Upper Division Elective |
| EEE 436: Fundamentals of Solid-State Devices | | CPI Upper Division Elective |
| EEE 439: Semiconductor Facilities and Cleanroom Practices | | CSE Upper Division Elective |
| EEE 443: Antennas for Wireless Communications | | FSE Upper Division Elective |
| EEE 445: Microwaves | | IEE Upper Division Elective |
| EEE 448: Fiber Optics | | MAE Upper Division Elective |
| EEE 459: Communication Networks | | MAT Upper Division Elective |
| EEE 460: Nuclear Power Engineering | | MSE Upper Division Elective |
| EEE 463: Electrical Power Plants | | PHY Upper Division Elective |
| EEE 465: Photovoltaic Energy Conversion | | Upper Division Technical Elective |
| EEE 470: Electric Power Devices | | |
| EEE 471: Power System Analysis | | |
| EEE 472: Power Electronics and Power Management | | |
| EEE 473: Electrical Machinery | | |
| EEE 480: Feedback Systems | | |
| EEE 481: Computer-Controlled Systems | | |
| EEE 498: Constructionist Approach to Microprocessor Design | | |
| EEE 498: Manufacturing Science of Solar Cells | | |
| EEE 498: Networking for Big Data | | |
| EEE 498: Python for Rapid Engineering Solutions | | |
| EEE 498: Science and Technology of Solar Cell Fabrication | | |

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map







Electrical Engineering (Electric Power and Energy Systems), BSE




School/College: [Ira A. Fulton Schools of Engineering](#)

Location: [Tempe campus](#)

ESEEEPBASE

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  MAT 265: Calculus for Engineers I (MA) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students and should be taken the first semester. • If ENG 105 is taken, a 3 hour applicable elective must also be taken prior to graduation. See advisor. • Prep for success using the First-Year Student Guide. • Join a Fulton community. • Explore engineering and technical professions. |
| ASU 101-EEE: The ASU Experience | 1 | | |
| CHM 114: General Chemistry for Engineers (SQ) OR CHM 116: General Chemistry II (SQ) | 4 | | |
| CSE 100: Principles of Programming with C++ (CS) | 3 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| FSE 100: Introduction to Engineering | 2 | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  MAT 266: Calculus for Engineers II (MA) | 3 | C | <ul style="list-style-type: none"> • Create a Handshake profile. • Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
|  PHY 121: University Physics I: Mechanics (SQ) | 3 | C | |
|  PHY 122: University Physics Laboratory I (SQ) | 1 | C | |
| EEE 120: Digital Design Fundamentals | 3 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 46 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  EEE 202: Circuits I | 4 | | <ul style="list-style-type: none"> • Prep for success using the Sophomore Guide. |
| MAT 267: Calculus for Engineers III (MA) | 3 | C | |
| MAT 275: Modern Differential Equations (MA) | 3 | C | |
| PHY 131: University Physics II: Electricity and Magnetism (SQ) | 3 | C | |
| PHY 132: University Physics Laboratory II (SQ) | 1 | C | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |

Complete First-Year Composition requirement.


Complete Mathematics (MA) requirement.

Term hours subtotal: 14

| Term 4 46 - 61 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  EEE 203: Signals and Systems I | 3 | | <ul style="list-style-type: none">• Pursue an undergraduate research experience.• Apply for internships.• Attend career fairs and events. |
|  EEE 241: Fundamentals of Electromagnetics | 3 | | |
| MAT 342: Linear Algebra OR MAT 343: Applied Linear Algebra | 3 | C | |
| PHY 241: University Physics III | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 5 61 - 75 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  EEE 334: Circuits II | 4 | | <ul style="list-style-type: none">• Plan for success using the Junior Guide.• Network at student organization competitions or professional societies. |
| EEE 230: Computer Organization and Assembly Language Programming | 3 | | |
| EEE 350: Random Signal Analysis | 3 | | |
| EEE 360: Energy Systems and Power Electronics | 4 | | |
| Term hours subtotal: | 14 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  Complete 3 courses: Upper Division Area Pathway Course | 12 | | <ul style="list-style-type: none">• Research and prepare for graduate school.• Apply for an engineering 4+1 program.• Develop a professional profile online. |
| ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB) | 3 | | |
|  Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  EEE 488: Senior Design Laboratory I (L) | 3 | | <ul style="list-style-type: none">• Plan for success using the Senior Guide.• Use Handshake to apply for full-time positions.• Complete an in person or virtual practice interview. |
| Upper Division Math or Science or Engineering Elective | 3 | | |
| Complete 2 courses: Upper Division Power Technical Elective | 6 | | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|  EEE 489: Senior Design Laboratory II (L) | 3 | | |
| Upper Division Power Technical Elective | 3 | | |
| Complete 2 courses: Upper Division Technical Elective | 6 | | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 15 | | |

Hide Course List(s)/Track Group(s)

| Technical Electives | Power Technical Electives | Math or Science or Engineering Elective |
|--|---|---|
| EEE 404: Real-Time DSP Systems | EEE 460: Nuclear Power Engineering | AEE Upper Division Elective |
| EEE 407: Digital Signal Processing | EEE 463: Electrical Power Plants | BIO Upper Division Elective |
| EEE 425: Digital Systems and Circuits | EEE 465: Photovoltaic Energy Conversion | BME Upper Division Elective |
| EEE 433: Analog Integrated Circuits | EEE 470: Electric Power Devices | CEE Upper Division Elective |
| EEE 434: Quantum Mechanics for Engineers | EEE 471: Power System Analysis | CHE Upper Division Elective |
| EEE 435: Fundamentals of CMOS and MEMS | EEE 472: Power Electronics and Power Management | CHM Upper Division Elective |
| EEE 436: Fundamentals of Solid-State Devices | EEE 473: Electrical Machinery | CPI Upper Division Elective |
| EEE 437: Optoelectronics | | CSE Upper Division Elective |
| EEE 439: Semiconductor Facilities and Cleanroom Practices | | FSE Upper Division Elective |
| EEE 443: Antennas for Wireless Communications | | IEE Upper Division Elective |
| EEE 445: Microwaves | | MAE Upper Division Elective |
| EEE 448: Fiber Optics | | MAT Upper Division Elective |
| EEE 455: Communication Systems | | MSE Upper Division Elective |
| EEE 459: Communication Networks | | PHY Upper Division Elective |
| EEE 460: Nuclear Power Engineering | | STP 420: Introductory Applied Statistics (CS) |
| EEE 463: Electrical Power Plants | | STP 421: Probability |
| EEE 465: Photovoltaic Energy Conversion | | Upper Division Technical Elective |
| EEE 470: Electric Power Devices | | |
| EEE 471: Power System Analysis | | |
| EEE 472: Power Electronics and Power Management | | |
| EEE 473: Electrical Machinery | | |
| EEE 480: Feedback Systems | | |
| EEE 481: Computer-Controlled Systems | | |
| EEE 498: Constructionist Approach to Microprocessor Design | | |
| EEE 498: Manufacturing Science of Solar Cells | | |
| EEE 498: Networking for Big Data | | |
| EEE 498: Pro-Seminar | | |
| EEE 498: Python for Rapid Engineering Solutions | | |

EEE 498: Science and Technology of Solar Cell Fabrication

Area Pathway Course

EEE 304: Signals and Systems II

EEE 333: Hardware Design Languages and Programmable Logic

EEE 335: Analog and Digital Circuits

EEE 341: Engineering Electromagnetics

EEE 352: Properties of Electronic Materials

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.












2020 - 2021 Major Map

Electrical Engineering (Electric Power and Energy Systems), BSE

School/College: [Ira A. Fulton Schools of Engineering](#)

Location: [Online](#)

ESEEEPBSE

| Term 1 - A 0 - 6 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  MAT 265: Calculus for Engineers I (MA) | 3 | C | <ul style="list-style-type: none"> An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses Mathematics Placement Assessment score determines placement in mathematics course ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students If ENG 105 is taken, a 3 hour applicable elective must also be taken prior to graduation. See advisor. |
| ASU 101-EEE: The ASU Experience | 1 | | |
| FSE 100: Introduction to Engineering | 2 | | |
| Term hours subtotal: | 6 | | |
| Term 1 - B 6 - 12 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  MAT 266: Calculus for Engineers II (MA) | 3 | C | <ul style="list-style-type: none"> View ASU Online first-year student registration information here. Prep for success using the First-Year Student Guide. Join a Fulton community. Explore engineering and technical professions. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 6 | | |
| Term 2 - A 12 - 20 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  PHY 121: University Physics I: Mechanics (SQ) | 3 | C | |
|  PHY 122: University Physics Laboratory I (SQ) | 1 | C | |
| CHM 114: General Chemistry for Engineers (SQ) OR CHM 116: General Chemistry II (SQ) | 4 | | |
| Term hours subtotal: | 8 | | |
| Term 2 - B 20 - 26 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> Create a Handshake profile. Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
| MAT 267: Calculus for Engineers III (MA) | 3 | C | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 6 | | |
| Term 3 - A 26 - 33 Credit Hours | Hours | Minimum Grade | Notes |
| EEE 120: Digital Design Fundamentals | 3 | | |

| | | |
|--|---|---|
| PHY 131: University Physics II: Electricity and Magnetism (SQ) | 3 | C |
| PHY 132: University Physics Laboratory II (SQ) | 1 | C |
| Term hours subtotal: | 7 | |

| Term 3 - B 33 - 39 Credit Hours Critical course signified by ⚠ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| CSE 100: Principles of Programming with C++ (CS) | 3 | | <ul style="list-style-type: none"> • Prep for success using the Sophomore Guide. |
| MAT 275: Modern Differential Equations (MA) | 3 | C | |
| ⚠ Complete First-Year Composition requirement. | | | |
| ⚠ Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 6 | | |

| Term 4 - A 39 - 46 Credit Hours Critical course signified by ⚠ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ⚠ EEE 202: Circuits I | 4 | | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 4 - B 46 - 52 Credit Hours Critical course signified by ⚠ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ⚠ EEE 241: Fundamentals of Electromagnetics | 3 | | <ul style="list-style-type: none"> • Pursue an undergraduate research experience. • Apply for internships. • Attend career fairs and events. |
| MAT 343: Applied Linear Algebra | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 5 - A 52 - 58 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| PHY 241: University Physics III | 3 | C | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - B 58 - 65 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ EEE 203: Signals and Systems I | 3 | | <ul style="list-style-type: none"> • Plan for success using the Junior Guide. • Network at student organization competitions or professional societies. |
| ★ EEE 334: Circuits II | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 6 - A 65 - 72 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ EEE 350: Random Signal Analysis | 3 | | |
| EEE 360: Energy Systems and Power Electronics | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 6 - B 72 - 78 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| EEE 230: Computer Organization and Assembly Language Programming | 3 | | <ul style="list-style-type: none"> • Research and prepare for graduate school. • Develop a professional profile online. |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |

Term hours subtotal: 6

| Term 7 - A 78 - 85 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ Upper Division Area Pathway Course | 4 | | |
| ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB) | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 7 - B 85 - 92 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ Upper Division Area Pathway Course | 4 | | <ul style="list-style-type: none"> Plan for success using the Senior Guide. Use Handshake to apply for full-time positions. Complete an in person or virtual practice interview. |
| Upper Division Power Technical Elective | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 8 - A 92 - 99 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ EEE 488: Senior Design Laboratory I (L) | 3 | | |
| ★ Upper Division Area Pathway Course | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 8 - B 99 - 105 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| Upper Division Math or Science or Engineering Elective | 3 | | |
| Upper Division Power Technical Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - A 105 - 111 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ EEE 489: Senior Design Laboratory II (L) | 3 | | |
| Upper Division Power Technical Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - B 111 - 117 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ Upper Division Technical Elective | 3 | | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 10 - A 117 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ Upper Division Technical Elective | 3 | | |
| Term hours subtotal: | 3 | | |

Hide Course List(s)/Track Group(s)

| | | |
|---------------------|---------------------------|---|
| Technical Electives | Power Technical Electives | Math or Science or Engineering Elective |
|---------------------|---------------------------|---|

| | | |
|--|---|-----------------------------------|
| EEE 404: Real-Time DSP Systems | EEE 460: Nuclear Power Engineering | AEE Upper Division Elective |
| EEE 407: Digital Signal Processing | EEE 463: Electrical Power Plants | BIO Upper Division Elective |
| EEE 425: Digital Systems and Circuits | EEE 465: Photovoltaic Energy Conversion | BME Upper Division Elective |
| EEE 433: Analog Integrated Circuits | EEE 470: Electric Power Devices | CEE Upper Division Elective |
| EEE 434: Quantum Mechanics for Engineers | EEE 471: Power System Analysis | CHE Upper Division Elective |
| EEE 435: Fundamentals of CMOS and MEMS | EEE 472: Power Electronics and Power Management | CHM Upper Division Elective |
| EEE 436: Fundamentals of Solid-State Devices | EEE 473: Electrical Machinery | CPI Upper Division Elective |
| EEE 439: Semiconductor Facilities and Cleanroom Practices | | CSE Upper Division Elective |
| EEE 443: Antennas for Wireless Communications | | FSE Upper Division Elective |
| EEE 445: Microwaves | | IEE Upper Division Elective |
| EEE 448: Fiber Optics | | MAE Upper Division Elective |
| EEE 455: Communication Systems | | MAT Upper Division Elective |
| EEE 459: Communication Networks | | MSE Upper Division Elective |
| EEE 460: Nuclear Power Engineering | | PHY Upper Division Elective |
| EEE 463: Electrical Power Plants | | Upper Division Technical Elective |
| EEE 465: Photovoltaic Energy Conversion | | |
| EEE 470: Electric Power Devices | | |
| EEE 471: Power System Analysis | | |
| EEE 472: Power Electronics and Power Management | | |
| EEE 473: Electrical Machinery | | |
| EEE 480: Feedback Systems | | |
| EEE 481: Computer-Controlled Systems | | |
| EEE 498: Constructionist Approach to Microprocessor Design | | |
| EEE 498: Manufacturing Science of Solar Cells | | |
| EEE 498: Networking for Big Data | | |
| EEE 498: Python for Rapid Engineering Solutions | | |
| EEE 498: Science and Technology of Solar Cell Fabrication | | |
| Area Pathway Course | | |
| EEE 304: Signals and Systems II | | |
| EEE 333: Hardware Design Languages and Programmable Logic | | |

EEE 335: Analog and Digital Circuits

EEE 341: Engineering Electromagnetics

EEE 352: Properties of Electronic Materials

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.


2020 - 2021 Major Map





Engineering, BSE




School/College: [Ira A. Fulton Schools of Engineering](#)

Location: [Polytechnic campus](#)

TSEGRBSE

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  ASU 101-TPS: The ASU Experience OR FSE 310: Transfer Success in Engineering | 1 | | <ul style="list-style-type: none"> ASU 101 is required of all first-year students; FSE 310 is required for all new transfer students; LIA 294 is highly recommended for all new veteran students. An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses Mathematics Placement Assessment score determines placement in mathematics course Students must choose a concentration from the following areas: Automotive Systems, Electrical Systems, Mechanical Engineering Systems, or Robotics. Upon choosing a concentration, students will be moved into that appropriate degree program. Prep for success using the First-Year Student Guide. Join a Fulton community. Explore engineering and technical professions. |
|  EGR 101: Foundations of Engineering Design Project I | 3 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 265: Calculus for Engineers I (MA) | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 16 | | |






| Term 2 16 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  EGR 102: Foundations of Engineering Design Project II | 3 | | <ul style="list-style-type: none"> Students must choose a concentration from the following areas: Automotive Systems, Electrical Systems, Mechanical Engineering Systems, or Robotics. Upon choosing a concentration, students will be moved into that appropriate degree program. Create a Handshake profile. Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
| CHM 113: General Chemistry I (SQ) | 4 | C | |
| EGR 104: Critical Inquiry in Engineering (L) OR TWC 104: Critical Inquiry in Engineering (L) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 266: Calculus for Engineers II (MA) | 3 | C | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Complete MAT 265 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 48 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  EGR 201: Use-Inspired Design Project I | 3 | C | <ul style="list-style-type: none"> Students must choose a concentration from the following areas: Automotive Systems, Electrical Systems, Mechanical Engineering Systems, or Robotics. Upon choosing a concentration, students will be moved into that appropriate degree program. Prep for success using the Sophomore Guide. |
| EGR 216: Engineering Electrical Fundamentals | 3 | C | |
| EGR 218: Materials and Manufacturing Processes | 3 | C | |
| MAT 267: Calculus for Engineers III (MA) | 3 | C | |
| PHY 121: University Physics I: Mechanics (SQ) | 3 | C | |
| PHY 122: University Physics Laboratory I (SQ) | 1 | C | |
|  Complete MAT 266 course(s). | | | |

Complete Mathematics (MA) requirement.

Term hours subtotal: 16

- Consult the [Resume, Presentation, and Resource Library](#) for tips on how to create a technical resume, job shadow, do informational interviews and mentor with alumni.

| Term 4 48 - 63 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  EGR 202: Use-Inspired Design Project II | 3 | C | <ul style="list-style-type: none">• Students must choose a concentration from the following areas: Automotive Systems, Electrical Systems, Mechanical Engineering Systems, or Robotics. Upon choosing a concentration, students will be moved into that appropriate degree program.• Pursue an undergraduate research experience.• Apply for internships.• Attend career fairs and events. |
| EGR 217: Engineering Mechanics Fundamentals | 3 | C | |
| EGR 219: Computational Modeling of Engineering Systems | 3 | C | |
| EGR 280: Engineering Statistics (CS) | 3 | C | |
| MAT 275: Modern Differential Equations (MA) | 3 | C | |
|  Complete EGR 216 AND EGR 217 AND EGR 218 AND EGR 219 course(s). | | | |
|  Complete MAT 267 course(s). | | | |
|  Milestone: Selection of Engineering concentration | | | |
| Term hours subtotal: | 15 | | |

[Hide Course List\(s\)/Track Group\(s\)](#)

Total Hours: 63

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map





Engineering (Automotive Systems), BSE




School/College: [Ira A. Fulton Schools of Engineering](#)

Location: [Polytechnic campus](#)





TSEGRASBSE




| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  ASU 101-TPS: The ASU Experience OR FSE 310: Transfer Success in Engineering | 1 | | <ul style="list-style-type: none"> ASU 101 is required of all first-year students; FSE 310 is required for all new transfer students; LIA 294 is highly recommended for all new veteran students. An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses Mathematics Placement Assessment score determines placement in mathematics course Prep for success using the First-Year Student Guide. Join a Fulton community. Explore engineering and technical professions. |
|  EGR 101: Foundations of Engineering Design Project I | 3 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 265: Calculus for Engineers I (MA) | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 16 | | |



| Term 2 16 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  EGR 102: Foundations of Engineering Design Project II | 3 | | <ul style="list-style-type: none"> Create a Handshake profile. Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
| CHM 113: General Chemistry I (SQ) | 4 | C | |
| EGR 104: Critical Inquiry in Engineering (L) OR TWC 104: Critical Inquiry in Engineering (L) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 266: Calculus for Engineers II (MA) | 3 | C | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Complete MAT 265 course(s). | | | |
| Term hours subtotal: | 16 | | |



| Term 3 32 - 48 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  EGR 201: Use-Inspired Design Project I | 3 | C | <ul style="list-style-type: none"> Prep for success using the Sophomore Guide. |
| EGR 216: Engineering Electrical Fundamentals | 3 | C | |
| EGR 218: Materials and Manufacturing Processes | 3 | C | |
| MAT 267: Calculus for Engineers III (MA) | 3 | C | |
| PHY 121: University Physics I: Mechanics (SQ) | 3 | C | |
| PHY 122: University Physics Laboratory I (SQ) | 1 | C | |
|  Complete MAT 266 course(s). | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| | | Minimum | |
|--|--|---------|--|
|--|--|---------|--|

| Term 4 48 - 63 Credit Hours Critical course signified by  | Hours | Grade | Notes |
|---|-------|-------|--|
|  EGR 202: Use-Inspired Design Project II | 3 | C | <ul style="list-style-type: none"> • Pursue an undergraduate research experience. • Apply for internships. • Attend career fairs and events. |
| EGR 217: Engineering Mechanics Fundamentals | 3 | C | |
| EGR 219: Computational Modeling of Engineering Systems | 3 | C | |
| EGR 280: Engineering Statistics (CS) | 3 | C | |
| MAT 275: Modern Differential Equations (MA) | 3 | C | |
|  Complete EGR 216 AND EGR 217 AND EGR 218 AND EGR 219 course(s). | | | |
|  Complete MAT 267 course(s). | | | |
| Term hours subtotal: | | 15 | |

| Term 5 63 - 75 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  EGR 306: Automotive Systems Project I | 3 | C | <ul style="list-style-type: none"> • A secondary focus area is a group of courses comprising of 12 or more credit hours (at least six credit hours must be at the upper-division level) which form a coherent theme. For example, all courses may share a common subject prefix. Students work with an academic success specialist to identify their secondary focus area. • Plan for success using the Junior Guide. • Network at student organization competitions or professional societies. |
|  EGR 340: Engineering Thermo-Fluids I | 3 | C | |
| Secondary Focus Area (EGR 360 recommended) | 3 | | |
| PHY 321: Vector Mechanics and Vibration | 3 | | |
| Term hours subtotal: | | 12 | |

| Term 6 75 - 90 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  EGR 316: Automotive Systems Project II | 3 | C | <ul style="list-style-type: none"> • A secondary focus area is a group of courses comprising of 12 or more credit hours (at least six credit hours must be at the upper-division level) which form a coherent theme. For example, all courses may share a common subject prefix. Students work with an academic success specialist to identify their secondary focus area. • Research and prepare for graduate school. • Apply for an engineering 4+1 program. • Develop a professional profile online. |
|  EGR 363: Automotive Powertrains and Thermal Systems | 3 | C | |
| HST 318: History of Engineering ((L or SB) & G) | 3 | | |
| MAT 343: Applied Linear Algebra | 3 | | |
| Secondary Focus Area | 3 | | |
|  Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | | 15 | |

| Term 7 90 - 105 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  EGR 401: Professional Design Project I (L) | 3 | C | <ul style="list-style-type: none"> • A secondary focus area is a group of courses comprising of 12 or more credit hours (at least six credit hours must be at the upper-division level) which form a coherent theme. For example, all courses may share a common subject prefix. Students work with an academic success specialist to identify their secondary focus area. • Students must select a Science Elective from the listed courses below. • Plan for success using the Senior Guide. • Use Handshake to apply for full-time positions. |
| EGR 330: Design of Electrical Systems OR EGR 432: Engineering Thermo-Fluids II | 3 | | |
| Upper Division Secondary Focus Area | 3 | | |
| Science Elective | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | | 15 | |

- Complete an in person or virtual **practice interview**.

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ EGR 402: Professional Design Project II | 3 | | <ul style="list-style-type: none"> • A secondary focus area is a group of courses comprising of 12 or more credit hours (at least six credit hours must be at the upper-division level) which form a coherent theme. For example, all courses may share a common subject prefix. Students work with an academic success specialist to identify their secondary focus area. |
| EGR 463: Vehicle Electrical Systems and Hybrid Systems | 3 | | |
| EGR 465: Ground Vehicle Dynamics | 3 | | |
| Upper Division Secondary Focus Area | 3 | | |
| Upper Division Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) OR Upper Division Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 15 | | |

Hide Course List(s)/Track Group(s)

| |
|--|
| Science Elective |
| BIO 181: General Biology I (SQ) |
| CHM 116: General Chemistry II (SQ) |
| GLG 101: Introduction to Geology I (Physical) (SQ) |
| PHY 131: University Physics II: Electricity and Magnetism (SQ) |

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map





Engineering (Electrical Systems), BSE




School/College: Ira A. Fulton Schools of Engineering

Location: Polytechnic campus





TSEGRESBSE

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  ASU 101-TPS: The ASU Experience OR FSE 310: Transfer Success in Engineering | 1 | | <ul style="list-style-type: none"> ASU 101 is required of all first-year students; FSE 310 is required for all new transfer students; LIA 294 is highly recommended for all new veteran students. An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses Mathematics Placement Assessment score determines placement in mathematics course Prep for success using the First-Year Student Guide. Join a Fulton community. Explore engineering and technical professions. |
|  EGR 101: Foundations of Engineering Design Project I | 3 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 265: Calculus for Engineers I (MA) | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  EGR 102: Foundations of Engineering Design Project II | 3 | | <ul style="list-style-type: none"> Create a Handshake profile. Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
| CHM 113: General Chemistry I (SQ) | 4 | C | |
| EGR 104: Critical Inquiry in Engineering (L) OR TWC 104: Critical Inquiry in Engineering (L) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 266: Calculus for Engineers II (MA) | 3 | C | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Complete MAT 265 course(s). | | | |
| Term hours subtotal: | 16 | | |


| Term 3 32 - 48 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  EGR 201: Use-Inspired Design Project I | 3 | C | <ul style="list-style-type: none"> Prep for success using the Sophomore Guide. |
| EGR 216: Engineering Electrical Fundamentals | 3 | C | |
| EGR 218: Materials and Manufacturing Processes | 3 | C | |
| MAT 267: Calculus for Engineers III (MA) | 3 | C | |
| PHY 121: University Physics I: Mechanics (SQ) | 3 | C | |
| PHY 122: University Physics Laboratory I (SQ) | 1 | C | |
|  Complete MAT 266 course(s). | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| | | Minimum | |
|--|--|---------|--|
|--|--|---------|--|

| Term 4 48 - 63 Credit Hours Critical course signified by  | Hours | Grade | Notes |
|---|-------|-------|--|
|  EGR 202: Use-Inspired Design Project II | 3 | C | <ul style="list-style-type: none"> • Pursue an undergraduate research experience. • Apply for internships. • Attend career fairs and events. |
| EGR 217: Engineering Mechanics Fundamentals | 3 | C | |
| EGR 219: Computational Modeling of Engineering Systems | 3 | C | |
| EGR 280: Engineering Statistics (CS) | 3 | C | |
| MAT 275: Modern Differential Equations (MA) | 3 | C | |
|  Complete EGR 216 AND EGR 217 AND EGR 218 AND EGR 219 course(s). | | | |
|  Complete MAT 267 course(s). | | | |
| Term hours subtotal: | | 15 | |

| Term 5 63 - 78 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  EGR 304: Embedded Systems Design Project I | 3 | C | <ul style="list-style-type: none"> • A secondary focus area is a group of courses comprising of 12 or more credit hours (at least six credit hours must be at the upper-division level) which form a coherent theme. • Plan for success using the Junior Guide. • Network at student organization competitions or professional societies. |
|  EGR 330: Design of Electrical Systems | 3 | C | |
| HST 318: History of Engineering ((L or SB) & G) | 3 | | |
| Science Elective (PHY 131 recommended) | 3 | | |
| Secondary Focus Area | 3 | | |
| Term hours subtotal: | | 15 | |

| Term 6 78 - 93 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  EGR 314: Embedded Systems Design Project II | 3 | C | <ul style="list-style-type: none"> • A secondary focus area is a group of courses comprising of 12 or more credit hours (at least six credit hours must be at the upper-division level) which form a coherent theme. • Research and prepare for graduate school. • Apply for an engineering 4+1 program. • Develop a professional profile online. |
|  EGR 334: Analog-Digital Interface | 3 | C | |
| EGR 338: Microcontrollers in Smart Systems | 3 | | |
| MAT 343: Applied Linear Algebra | 3 | | |
| Secondary Focus Area | 3 | | |
|  Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | | 15 | |

| Term 7 93 - 108 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  EGR 401: Professional Design Project I (L) | 3 | C | <ul style="list-style-type: none"> • A secondary focus area is a group of courses comprising of 12 or more credit hours (at least six credit hours must be at the upper-division level) which form a coherent theme. • Plan for success using the Senior Guide. • Use Handshake to apply for full-time positions. • Complete an in person or virtual practice interview. |
|  EGR 430: Design, Fabrication, and Architecture of Electronic Devices | 3 | | |
| PHY 331: Principles of Modern Electromagnetism | 3 | | |
| Upper Division Secondary Focus Area | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | | 15 | |

| Term 8 108 - 120 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  EGR 402: Professional Design Project II | 3 | | <ul style="list-style-type: none"> • A secondary focus area is a group of courses comprising of 12 or more credit hours (at least six credit hours must be at the upper-division level) which form a coherent theme. |
| EGR 431: Power Management OR EGR 476: Microgrid Design and Operation | 3 | | |
| Upper Division Secondary Focus Area | 3 | | |

Upper Division Social-Behavioral Sciences (SB) AND Cultural
Diversity in the U.S. (C) 3

Term hours subtotal: 12

Hide Course List(s)/Track Group(s)

Science Elective

BIO 181: General Biology I (SQ)

CHM 116: General Chemistry II (SQ)

GLG 101: Introduction to Geology I (Physical)
(SQ)

PHY 131: University Physics II: Electricity
and Magnetism (SQ)

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map





Engineering (Mechanical Engineering Systems), BSE




School/College: [Ira A. Fulton Schools of Engineering](#)

Location: [Polytechnic campus](#)





TSEGRMEBSE

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  ASU 101-TPS: The ASU Experience OR FSE 310: Transfer Success in Engineering | 1 | | <ul style="list-style-type: none"> ASU 101 is required of all first-year students; FSE 310 is required for all new transfer students; LIA 294 is highly recommended for all new veteran students. An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses Mathematics Placement Assessment score determines placement in mathematics course Prep for success using the First-Year Student Guide. Join a Fulton community. Explore engineering and technical professions. |
|  EGR 101: Foundations of Engineering Design Project I | 3 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 265: Calculus for Engineers I (MA) | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  EGR 102: Foundations of Engineering Design Project II | 3 | | <ul style="list-style-type: none"> Create a Handshake profile. Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
| CHM 113: General Chemistry I (SQ) | 4 | C | |
| EGR 104: Critical Inquiry in Engineering (L) OR TWC 104: Critical Inquiry in Engineering (L) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 266: Calculus for Engineers II (MA) | 3 | C | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Complete MAT 265 course(s). | | | |
| Term hours subtotal: | 16 | | |





| Term 3 32 - 48 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  EGR 201: Use-Inspired Design Project I | 3 | C | <ul style="list-style-type: none"> Prep for success using the Sophomore Guide. |
| EGR 216: Engineering Electrical Fundamentals | 3 | C | |
| EGR 218: Materials and Manufacturing Processes | 3 | C | |
| MAT 267: Calculus for Engineers III (MA) | 3 | C | |
| PHY 121: University Physics I: Mechanics (SQ) | 3 | C | |
| PHY 122: University Physics Laboratory I (SQ) | 1 | C | |
|  Complete MAT 266 course(s). | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |



| | | Minimum | |
|--|--|---------|--|
|--|--|---------|--|

| Term 4 48 - 63 Credit Hours Critical course signified by  | Hours | Grade | Notes |
|---|-------|-------|--|
|  EGR 202: Use-Inspired Design Project II | 3 | C | <ul style="list-style-type: none"> • Pursue an undergraduate research experience. • Apply for internships. • Attend career fairs and events. |
| EGR 217: Engineering Mechanics Fundamentals | 3 | C | |
| EGR 219: Computational Modeling of Engineering Systems | 3 | C | |
| EGR 280: Engineering Statistics (CS) | 3 | C | |
| MAT 275: Modern Differential Equations (MA) | 3 | C | |
|  Complete EGR 216 AND EGR 217 AND EGR 218 AND EGR 219 course(s). | | | |
|  Complete MAT 267 course(s). | | | |
| Term hours subtotal: | | 15 | |

| Term 5 63 - 78 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  EGR 303: Mechanical Systems Project I | 3 | C | <ul style="list-style-type: none"> • A secondary focus area is a group of courses comprising of 12 or more credit hours (at least six credit hours must be at the upper-division level) which form a coherent theme. • Plan for success using the Junior Guide. • Network at student organization competitions or professional societies. |
|  EGR 340: Engineering Thermo-Fluids I | 3 | C | |
| PHY 321: Vector Mechanics and Vibration | 3 | C | |
| Secondary Focus Area | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | | 15 | |

| Term 6 78 - 93 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  EGR 313: Mechanical Systems Project II | 3 | C | <ul style="list-style-type: none"> • A secondary focus area is a group of courses comprising of 12 or more credit hours (at least six credit hours must be at the upper-division level) which form a coherent theme. • Research and prepare for graduate school. • Apply for an engineering 4+1 program. • Develop a professional profile online. |
|  EGR 343: Mechanics of Solid Materials | 3 | C | |
| HST 318: History of Engineering ((L or SB) & G) | 3 | | |
| MAT 343: Applied Linear Algebra | 3 | | |
| Secondary Focus Area | 3 | | |
|  Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | | 15 | |

| Term 7 93 - 108 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  EGR 401: Professional Design Project I (L) | 3 | C | <ul style="list-style-type: none"> • A secondary focus area is a group of courses comprising of 12 or more credit hours (at least six credit hours must be at the upper-division level) which form a coherent theme. • Plan for success using the Senior Guide. • Use Handshake to apply for full-time positions. • Complete an in person or virtual practice interview. |
|  EGR 432: Engineering Thermo-Fluids II | 3 | | |
|  EGR 444: Engineering Design | 3 | C | |
| Upper Division Secondary Focus Area | 3 | | |
| Science Elective | 3 | | |
| Term hours subtotal: | | 15 | |

| Term 8 108 - 120 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  EGR 402: Professional Design Project II | 3 | | <ul style="list-style-type: none"> • A secondary focus area is a group of courses comprising of 12 or more credit |
| EGR 445: Mechanical Engineering Systems | 3 | | |
| Upper Division Secondary Focus Area | 3 | | |

Upper Division Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) OR Upper Division Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)

3

hours (at least six credit hours must be at the upper-division level) which form a coherent theme.

Term hours subtotal: 12

Hide Course List(s)/Track Group(s)

Science Elective

BIO 181: General Biology I (SQ)

CHM 116: General Chemistry II (SQ)

GLG 101: Introduction to Geology I (Physical) (SQ)

PHY 131: University Physics II: Electricity and Magnetism (SQ)

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map





Engineering (Robotics), BSE




School/College: [Ira A. Fulton Schools of Engineering](#)

Location: [Polytechnic campus](#)

TSEGRRBSE

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  ASU 101-TPS: The ASU Experience OR FSE 310: Transfer Success in Engineering | 1 | | <ul style="list-style-type: none"> ASU 101 is required of all first-year students; FSE 310 is required for all new transfer students; LIA 294 is highly recommended for all new veteran students. An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses Mathematics Placement Assessment score determines placement in mathematics course Prep for success using the First-Year Student Guide. Join a Fulton community. Explore engineering and technical professions. |
|  EGR 101: Foundations of Engineering Design Project I | 3 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 265: Calculus for Engineers I (MA) | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  EGR 102: Foundations of Engineering Design Project II | 3 | | <ul style="list-style-type: none"> Create a Handshake profile. Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
| EGR 104: Critical Inquiry in Engineering (L) OR TWC 104: Critical Inquiry in Engineering (L) | 3 | C | |
| CHM 113: General Chemistry I (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 266: Calculus for Engineers II (MA) | 3 | C | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Complete MAT 265 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 48 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  EGR 201: Use-Inspired Design Project I | 3 | C | <ul style="list-style-type: none"> Prep for success using the Sophomore Guide. |
| EGR 216: Engineering Electrical Fundamentals | 3 | C | |
| EGR 218: Materials and Manufacturing Processes | 3 | C | |
| MAT 267: Calculus for Engineers III (MA) | 3 | C | |
| PHY 121: University Physics I: Mechanics (SQ) | 3 | C | |
| PHY 122: University Physics Laboratory I (SQ) | 1 | C | |
|  Complete MAT 266 course(s). | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| | | Minimum | |
|--|--|---------|--|
|--|--|---------|--|

| Term 4 48 - 63 Credit Hours Critical course signified by ⚠ | Hours | Grade | Notes |
|---|-------|-------|--|
| ⚠ EGR 202: Use-Inspired Design Project II | 3 | C | <ul style="list-style-type: none"> Pursue an undergraduate research experience. Apply for internships. Attend career fairs and events. |
| EGR 217: Engineering Mechanics Fundamentals | 3 | C | |
| EGR 219: Computational Modeling of Engineering Systems | 3 | C | |
| EGR 280: Engineering Statistics (CS) | 3 | C | |
| MAT 275: Modern Differential Equations (MA) | 3 | C | |
| ⚠ Complete EGR 216 AND EGR 217 AND EGR 218 AND EGR 219 course(s). | | | |
| ⚠ Complete MAT 267 course(s). | | | |
| Term hours subtotal: | | 15 | |

| Term 5 63 - 78 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ EGR 304: Embedded Systems Design Project I | 3 | C | <ul style="list-style-type: none"> If Electrical, must take EGR 330. If Mechanical, must take EGR 343. A secondary focus area is a group of courses comprising of 12 or more credit hours (at least six credit hours must be at the upper-division level) which form a coherent theme. Plan for success using the Junior Guide. Network at student organization competitions or professional societies. |
| ★ EGR 455: Robotic Systems I | 3 | C | |
| EGR 330: Design of Electrical Systems OR EGR 343: Mechanics of Solid Materials | 3 | C | |
| PHY 321: Vector Mechanics and Vibration | 3 | | |
| Secondary Focus Area | 3 | | |
| Term hours subtotal: | | 15 | |

| Term 6 78 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ EGR 314: Embedded Systems Design Project II | 3 | C | <ul style="list-style-type: none"> If Electrical, must take EGR 334. If Mechanical, must take EGR 444. A secondary focus area is a group of courses comprising of 12 or more credit hours (at least six credit hours must be at the upper-division level) which form a coherent theme. Research and prepare for graduate school. Apply for an engineering 4+1 program. Develop a professional profile online. |
| ★ EGR 334: Analog-Digital Interface OR EGR 444: Engineering Design | 3 | | |
| ★ EGR 456: Robotic Systems II | 3 | | |
| MAT 343: Applied Linear Algebra | 3 | | |
| Secondary Focus Area | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | | 15 | |

| Term 7 93 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ EGR 401: Professional Design Project I (L) | 3 | C | <ul style="list-style-type: none"> A secondary focus area is a group of courses comprising of 12 or more credit hours (at least six credit hours must be at the upper-division level) which form a coherent theme. Plan for success using the Senior Guide. Use Handshake to apply for full-time positions. Complete an in person or virtual practice interview. |
| Upper Division Secondary Focus Area | 3 | | |
| Science Elective | 3 | | |
| Upper Division Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) OR Upper Division Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | | 15 | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ EGR 402: Professional Design Project II | 3 | | |

| | |
|---|----|
| EGR 433: Transforms and Systems Modeling | 3 |
| HST 318: History of Engineering ((L or SB) & G) | 3 |
| Upper Division Secondary Focus Area | 3 |
| Term hours subtotal: | 12 |

- A secondary focus area is a group of courses comprising of 12 or more credit hours (at least six credit hours must be at the upper-division level) which form a coherent theme.

Hide Course List(s)/Track Group(s)

| |
|--|
| Science Elective |
| BIO 181: General Biology I (SQ) |
| CHM 116: General Chemistry II (SQ) |
| GLG 101: Introduction to Geology I (Physical) (SQ) |
| PHY 131: University Physics II: Electricity and Magnetism (SQ) |

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.











2020 - 2021 Major Map

Engineering Management, BSE

School/College: [Ira A. Fulton Schools of Engineering](#)




Location: [Tempe campus](#)


ESEMGBSE





| Term 1 0 - 15 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes | |
|--|-------|---------------|---|-------|
|  MAT 265: Calculus for Engineers I (MA) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, TOEFL or IELTS score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • If ENG 105 is taken, a 3 credit hour elective must also be taken prior to graduation. • Students taking CHM 113 for Basic Science Elective need to earn a "C" minimum grade and complete CHM 116 for the degree. • Prep for success using the First-Year Student Guide. • Join a Fulton community. • Explore engineering and technical professions. | |
| ASU 101-IEE: The ASU Experience | 1 | | | |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | | |
| FSE 100: Introduction to Engineering | 2 | C | | |
| Basic Science Elective | 3-4 | | | |
| Social-Behavioral Sciences (SB) (PSY 101 recommended) | 3 | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | | |
| Term hours subtotal: | 15-16 | | | |
| <hr/> | | | | |
| Term 2 15 - 31 Credit Hours Critical course signified by  | Hours | Minimum Grade | | Notes |
|  CSE 110: Principles of Programming (CS) | 3 | C | <ul style="list-style-type: none"> • Create a Handshake profile. • Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. | |
|  MAT 266: Calculus for Engineers II (MA) | 3 | C | | |
| ECN 212: Microeconomic Principles (SB) | 3 | C | | |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | | |
| PHY 121: University Physics I: Mechanics (SQ) | 3 | C | | |
| PHY 122: University Physics Laboratory I (SQ) | 1 | C | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107. | | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | | |
| Term hours subtotal: | 16 | | | |
| <hr/> | | | | |
| Term 3 31 - 47 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes | |
|  CSE 205: Object-Oriented Programming and Data Structures (CS) | 3 | C | <ul style="list-style-type: none"> • Students with credit for CHM 113 must take CHM 116. • Please note that COM 263 in term 4 requires a minimum 2.00 GPA as a prerequisite. | |
| ACC 231: Uses of Accounting Information I | 3 | C | | |
| CHM 114: General Chemistry for Engineers (SQ) OR CHM 116: General Chemistry II (SQ) | 4 | | | |

| | | |
|--|-------|---|
| MAT 267: Calculus for Engineers III (MA) | 3 | C |
| Global Engineering/Sustainability/Entrepreneurship Course | 3-4 | |
|  Minimum 2.00 GPA ASU Cumulative. Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 16-17 | |



- Prep for success using the **Sophomore Guide**.

| Term 4 47 - 61 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  IEE 380: Probability and Statistics for Engineering Problem Solving (CS) | 3 | C | <ul style="list-style-type: none"> • Pursue an undergraduate research experience. • Apply for internships. • Attend career fairs and events. |
|  MAT 242: Elementary Linear Algebra | 2 | C | |
| ACC 241: Uses of Accounting Information II | 3 | C | |
| COM 263: Elements of Intercultural Communication (SB & C & G) | 3 | | |
| Math or Science Elective | 3 | C | |
| Term hours subtotal: | 14 | | |

| Term 5 61 - 77 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  IEE 431: Engineering Administration (L) | 3 | C | <ul style="list-style-type: none"> • Plan for success using the Junior Guide. • Network at student organization competitions or professional societies. |
| IEE 300: Economic Analysis for Engineers | 3 | C | |
| IEE 320: Extreme Excel | 1 | C | |
| MGT 300: Organization and Management Leadership | 3 | C | |
| Industry Focus Area Elective | 3 | C | |
| Math or Science Elective | 3 | C | |
| Term hours subtotal: | 16 | | |

| Term 6 77 - 93 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  IEE 321: Ethics and Technical Communication | 1 | C | <ul style="list-style-type: none"> • Research and prepare for graduate school. • Apply for an engineering 4+1 program. • Develop a professional profile online. |
|  IEE 458: Project Management | 3 | C | |
| IEE 369: Work Analysis and Design (L) | 3 | C | |
| IEE 381: Lean Six Sigma Methodology | 3 | C | |
| IEE 477: System Dynamics and Thinking | 3 | C | |
| Upper Division Industry Focus Area Elective | 3 | C | |
|  Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  IEE 485: Systems Design Capstone I (L) | 3 | C | <ul style="list-style-type: none"> • Plan for success using the Senior Guide. • Use Handshake to apply for full-time positions. • Complete an in person or virtual practice interview. |
| IEE 454: Risk Management | 3 | C | |
| Complete 2 courses: | 6 | C | |
| Upper Division Industry Focus Area Elective | | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|  IEE 486: Systems Design Capstone II (L) | 3 | C | |

| | | |
|---|----|---|
| IEE 456: Introduction to Systems Engineering | 3 | C |
| Upper Division Industry Focus Area Elective | 3 | C |
| Upper Division Humanities, Arts and Design (HU) | 3 | |
| Term hours subtotal: | 12 | |

- Contact CIDSE Advising or visit the [CIDSE website](#) for additional information about Math or Science Electives, Industry Focus Area Electives, or IEE Technical Elective courses (see Career Focus Area for details).
- For Industry Focus Area Electives, please note that some courses are sequential and may be only offered in the Fall or Spring semester. Also, some courses may require additional prerequisites.

Hide Course List(s)/Track Group(s)

| | | |
|--|--|--|
| Basic Science Elective | Global Engineering/Sustainability/Entrepreneurship | Industry Focus Area Elective (Business Analytics Industry) |
| BIO 181: General Biology I (SQ) | | |
| BIO 182: General Biology II (SG) | ALA 102: Landscapes and Sustainability (HU & G) | IEE 376: Operations Research Deterministic Techniques/Applications |
| BIO 201: Human Anatomy and Physiology I (SG) | CEE 181: Technological Social and Sustainable Systems (HU) | IEE 385: Engineering Statistics: Probability |
| BIO 202: Human Anatomy and Physiology II (SG) | FSE 150: Perspectives on Grand Challenges for Engineering (SB) | IEE 3** Elective |
| BME 111: Engineering Perspectives on Biological Systems | FSE 301: Entrepreneurship and Value Creation | IEE 461: Production Control |
| CHM 113: General Chemistry I (SQ) | | IEE 474: Quality Control |
| GLG 101: Introduction to Geology I (Physical) (SQ) | PUP 190: Sustainable Cities ((HU or SB) & G) or SOS 111: Sustainable Cities ((HU or SB) & G) | IEE 4** Elective |
| GLG 102: Introduction to Geology II (Historical) (SG & H) | SES 106: Habitable Worlds (SQ) | Math or Science Elective (Business Analytics Industry) |
| GLG 110: Dangerous World (SQ & G) | SOS 100: Introduction to Sustainability (G) | MAT 275: Modern Differential Equations (MA) |
| PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ) | SOS 110: Sustainable World (SB) | PHY 131: University Physics II: Electricity and Magnetism (SQ) |
| Industry Focus Area Elective (Communication and Networks Industry) | Industry Focus Area Elective (Electronics and Semiconductor Industry) | Industry Focus Area Elective (Mechanical Systems Industry) |
| EEE 202: Circuits I | EEE 202: Circuits I | Required Courses |
| EEE 203: Signals and Systems I | EEE 241: Fundamentals of Electromagnetics | MAE 201: Mechanics of Particles and Rigid Bodies I: Statics |
| EEE 350: Random Signal Analysis | EEE 352: Properties of Electronic Materials | MAE 241: Introduction to Thermodynamics |
| EEE 455: Communication Systems | EEE 434: Quantum Mechanics for Engineers | Elective Choices |
| EEE 459: Communication Networks | EEE 435: Fundamentals of CMOS and MEMS | MAE 384: Advanced Mathematical Methods for Engineers (CS) |
| Math or Science Elective (Communication and Networks industry) | EEE 436: Fundamentals of Solid-State Devices | MEE 340: Heat Transfer |
| MAT 275: Modern Differential Equations (MA) | EEE 439: Semiconductor Facilities and Cleanroom Practices | MEE 434: Internal Combustion Engines |
| | | MEE 482: Intermediate Thermodynamics |

| | | |
|--|---|---|
| PHY 131: University Physics II: Electricity and Magnetism (SQ) | Math or Science Elective (Electronics and Semiconductor Industry) | MSE 355: Structure and Defects |
| | MAT 275: Modern Differential Equations (MA) | Math or Science Elective (Mechanical Systems Industry) |
| | PHY 131: University Physics II: Electricity and Magnetism (SQ) | MAE 202: Mechanics of Particles and Rigid Bodies II: Dynamics |
| | | MAT 275: Modern Differential Equations (MA) |
| | | MSE 250: Structure and Properties of Materials |
| Industry Focus Area Elective (Power Systems Industry) | Industry Focus Area Elective (Software Industry) | Industry Focus Area Elective (Sustainable and Environmentally Benign Industry) |
| EEE 202: Circuits I | CSE 240: Introduction to Programming Languages or CSE 220: Programming for Computer Engineering | CEE 213: Introduction to Deformable Solids |
| EEE 241: Fundamentals of Electromagnetics | CSE 310: Data Structures and Algorithms | CEE 361: Introduction to Environmental Engineering |
| EEE 360: Energy Systems and Power Electronics | CSE 360: Introduction to Software Engineering | CEE 400: Earth Systems Engineering and Management ((L or HU) & H) |
| EEE 463: Electrical Power Plants | CSE 3** Elective | CEE 467: Environmental Microbiology |
| EEE 470: Electric Power Devices | CSE 4** Elective | CEE 470: Sustainable Environmental Biotechnologies |
| EEE 472: Power Electronics and Power Management | Math or Science Elective (Software Industry) | Math or Science Elective (Sustainable and Environmentally Benign Industry) |
| Math or Science Elective (Power Systems Industry) | Note: MAT 243 is required. | CEE 210: Engineering Mechanics I: Statics or EVE 214: Environmental Engineering Mechanics |
| MAT 275: Modern Differential Equations (MA) | MAT 243: Discrete Mathematical Structures | MAT 275: Modern Differential Equations (MA) |
| PHY 131: University Physics II: Electricity and Magnetism (SQ) | General Math or Science Course | |

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.

2020 - 2021 Major Map

Economics, BS

School/College: W. P. Carey School of Business

Location:
BAECNBS

and

Engineering






Management,







BSE

Ira A. Fulton Schools of Engineering

ESEMGBSE






In order to complete this concurrent degree in four years, you must take courses during the summer. This may impact your financial aid. Financial aid is available to those who apply and qualify, and students may receive funds to help cover costs for each semester of enrollment. The amount of financial aid that a student is eligible for varies depending on prior education experience and other individual factors. [Learn more](#) about summer financial aid and additional ways to cover summer costs.







| Term 1 0 - 15 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  CSE 110: Principles of Programming (CS) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. ASU 101-IEE or WPC 101 meets this requirement. • Students taking CHM 113 for the Basic Science Elective need to earn a "C" minimum grade and complete CHM 116 for the degree. |
|  MAT 265: Calculus for Engineers I (MA) | 3 | C | |
| ASU 101-IEE: The ASU Experience OR WPC 101: Student Success in Business | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| FSE 100: Introduction to Engineering | 2 | C | |
| Basic Science Elective | 3-4 | | |
|  Business Skills Courses: No Grades of D or E | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15-16 | | |

| Term 2 15 - 31.25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  CSE 205: Object-Oriented Programming and Data Structures (CS) | 3 | C | <ul style="list-style-type: none"> • Join a student club or organization • Create your first college resume • Research study abroad opportunities recommended for your major |
|  MAT 266: Calculus for Engineers II (MA) | 3 | C | |
| COM 263: Elements of Intercultural Communication (SB & C & G) | 3 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| PHY 121: University Physics I: Mechanics (SQ) | 3 | C | |
| PHY 122: University Physics Laboratory I (SQ) | 1 | C | |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | |
|  Business Skills Courses: No Grades of D or E | | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16.25 | | |

| Summer 2 Session 1 31.25 - 37.25 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ECN 211: Macroeconomic Principles (SB) | 3 | C | |
| SOC course (SB) | 3 | | |
| Term hours subtotal: | 6 | | |

| Summer 2 Session 2 37.25 - 43.25 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ECN 212: Microeconomic Principles (SB) | 3 | C | |
| PSY 101: Introduction to Psychology (SB) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 3 43.25 - 59.50 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------------|---------------|--|
|  ACC 231: Uses of Accounting Information I | 3 | C | <ul style="list-style-type: none"> • Students who took CHM 113 for the Basic Science Elective in term 1 must complete CHM 116 for the degree • Continuing first-year students will take WPC 248, after completing WPC 148 • New transfer students will take WPC 347 • Explore career resources • Meet with your Career Coaches • Develop your professional online presence |
| CHM 114: General Chemistry for Engineers (SQ) OR CHM 116: General Chemistry II (SQ) | 4 | | |
| LES 305: Business Law and Ethics for Managers | 3 | C | |
| MAT 267: Calculus for Engineers III (MA) | 3 | C | |
| WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management | 0.25 | C | |
| Global Engineering/Sustainability/Entrepreneurship Track Course | 3-4 | | |
|  Business Skills Courses: No Grades of D or E | | | |
|  Complete ECN 211 OR ECN 212 course(s). | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16.25-17.25 | | |

| Term 4 59.50 - 76.50 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes | |
|--|-------|---------------|--|--|
|  ACC 241: Uses of Accounting Information II | 3 | C | <ul style="list-style-type: none"> • A maximum of 3 credit hours of ECN 484 and ECN 499 can be taken. | |
|  IEE 380: Probability and Statistics for Engineering Problem Solving (CS) | 3 | C | | |
|  MAT 242: Elementary Linear Algebra | 2 | C | | |
| MAT 275: Modern Differential Equations (MA) OR PHY 131: University Physics II: Electricity and Magnetism (SQ) | 3 | C | | |
| MKT 300: Marketing and Business Performance | 3 | C | | |
| ECN Upper Division Elective | 3 | C | | |
|  Business Skills Courses: No Grades of D or E | | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | | |
| Term hours subtotal: | 17 | | | |

| Summer 4 Session 1 76.50 - 82.50 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ENG 302: Business Writing (L) | 3 | | |
| WPC 300: Problem Solving and Actionable Analytics | 3 | C | |
| Term hours subtotal: | 6 | | |

| Summer 4 Session 2 82.50 - 88.50 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|---|---|---|
| MGT 300: Organization and Management Leadership | 3 | C |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | |
| Term hours subtotal: | 6 | |

| Term 5 88.50 - 103.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ ECN 312: Intermediate Microeconomic Theory (SB) | 3 | C | <ul style="list-style-type: none"> • Attend Career Fairs • Apply for internships or create one • Complete informational interviews |
| ★ IEE 376: Operations Research Deterministic Techniques/Applications | 3 | C | |
| IEE 300: Economic Analysis for Engineers | 3 | C | |
| IEE 385: Engineering Statistics: Probability | 3 | C | |
| IEE 431: Engineering Administration (L) | 3 | C | |
| WPC 348: Junior Networking Foundations | 0.25 | C | |
| Term hours subtotal: | 15.25 | | |

| Term 6 103.75 - 120.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ ECN 313: Intermediate Macroeconomic Theory (SB) | 3 | C | |
| ★ IEE 477: System Dynamics and Thinking | 3 | C | |
| IEE 320: Extreme Excel | 1 | C | |
| IEE 321: Ethics and Technical Communication | 1 | C | |
| IEE 369: Work Analysis and Design (L) | 3 | C | |
| IEE 381: Lean Six Sigma Methodology | 3 | C | |
| IEE 458: Project Management | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 17 | | |

| Summer 6 Session 1 120.75 - 126.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ ECN 306: Survey of International Economics (SB & G) OR ECN 360: Economic Development (SB & G) OR ECN 436: International Trade Theory (SB & G) OR ECN 438: International Monetary Economics (SB & G) | 3 | C | |
| ★ SCM 300: Global Supply Operations | 3 | C | |
| Term hours subtotal: | 6 | | |

| Summer 6 Session 2 126.75 - 132.75 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| MAT 275: Modern Differential Equations (MA) OR PHY 131: University Physics II: Electricity and Magnetism (SQ) | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 7 132.75 - 150.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ ECN 410: Applied Regression Analysis and Forecasting OR ECN 425: Introduction to Econometrics | 3 | C | <ul style="list-style-type: none"> • All upper-division Business Core classes, including ECN 306, ECN 360, ECN 436, or ECN 438 (international business course), must be completed before enrolling in WPC 480. |
| ★ ECN 4** Elective | 3 | C | |
| ★ IEE 454: Risk Management | 3 | C | |
| ★ IEE 485: Systems Design Capstone I (L) | 3 | C | |

| | | |
|--|----|---|
| IEE 412: Introduction to Financial Engineering | 3 | C |
| IEE 474: Quality Control | 3 | C |
| Term hours subtotal: | 18 | |

- A maximum of 3 credit hours of ECN 484 and ECN 499 can be taken.

| ★ Term 8 150.75 - 169.00 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ ECN 475: Capstone in Economics (L) | 3 | C | <ul style="list-style-type: none"> • A maximum of 3 credit hours of ECN 484 and ECN 499 can be taken. • Apply for full-time career opportunities |
| ★ ECN 4** Elective | 3 | C | |
| ★ IEE 456: Introduction to Systems Engineering | 3 | C | |
| ★ IEE 486: Systems Design Capstone II (L) | 3 | C | |
| ★ WPC 480: W. P. Carey Capstone Course (L) | 3 | C | |
| IEE 461: Production Control | 3 | C | |
| WPC 448: Senior Career Transition Management | 0.25 | C | |
| Term hours subtotal: | 18.25 | | |

Hide Course List(s)/Track Group(s)

| Basic Science Elective - select one course (3-4 credit hours) | Global Engineering/Sustainability/Entrepreneurship Track - select one course (3-4 credit hours) | Business Skills Courses - No Grades of D or E |
|--|---|---|
| BIO 181: General Biology I (SQ) | ALA 102: Landscapes and Sustainability (HU & G) | ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting |
| BIO 182: General Biology II (SG) | CEE 181: Technological Social and Sustainable Systems (HU) | ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting |
| BIO 201: Human Anatomy and Physiology I (SG) | FSE 301: Entrepreneurship and Value Creation | CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS) |
| BIO 202: Human Anatomy and Physiology II (SG) | PUP 190: Sustainable Cities ((HU or SB) & G) or SOS 111: Sustainable Cities ((HU or SB) & G) | ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB) |
| BME 111: Engineering Perspectives on Biological Systems | SES 106: Habitable Worlds (SQ) | ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB) |
| CHM 113: General Chemistry I (SQ) | SOS 110: Sustainable World (SB) | ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS) |
| GLG 101: Introduction to Geology I (Physical) (SQ) | | MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA) |
| GLG 102: Introduction to Geology II (Historical) (SG & H) | | MAT 211: Mathematics for Business Analysis or MAT 271: Calculus with Analytic Geometry II (MA) |
| GLG 110: Dangerous World (SQ & G) | | |
| PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ) | | |

Total Hours: 169
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)

Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map

Engineering Management, BSE

School/College: [Ira A. Fulton Schools of Engineering](#)





Location: [Online](#)



ESEMGBSE

| Term 1 - A 0 - 6 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  Social-Behavioral Sciences (SB) (PSY 101 recommended) | 3 | | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, TOEFL, or IELTS score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Prep for success using the First-Year Student Guide. • Join a Fulton community. • Explore engineering and technical professions. |
| ASU 101-UC: The ASU Experience | 1 | | |
| FSE 100: Introduction to Engineering | 2 | C | |
| Term hours subtotal: | 6 | | |

| Term 1 - B 6 - 15 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • View ASU Online first-year student registration information here. • If ENG 105 is taken, a 3 credit hour elective must also be taken prior to graduation. |
| Basic Science Elective | 3-4 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 9-10 | | |

| Term 2 - A 15 - 21 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|  MAT 265: Calculus for Engineers I (MA) | 3 | C | |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 6 | | |



| Term 2 - B 21 - 27 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  CSE 110: Principles of Programming (CS) | 3 | C | <ul style="list-style-type: none"> • Create a Handshake profile. • Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
|  MAT 266: Calculus for Engineers II (MA) | 3 | C | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 6 | | |



| Term 3 - A 27 - 33 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  CSE 205: Object-Oriented Programming and Data Structures (CS) | 3 | C | |
| MAT 267: Calculus for Engineers III (MA) | 3 | C | |

Term hours subtotal: 6

| Term 3 - B 33 - 40 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ACC 231: Uses of Accounting Information I | 3 | C | <ul style="list-style-type: none"> • Prep for success using the Sophomore Guide. |
| PHY 121: University Physics I: Mechanics (SQ) | 3 | C | |
| PHY 122: University Physics Laboratory I (SQ) | 1 | C | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 7 | | |

| Term 4 - A 40 - 46 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ACC 241: Uses of Accounting Information II | 3 | C | |
| Math or Science Elective | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 4 - B 46 - 52 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  ECN 212: Microeconomic Principles (SB) | 3 | C | <ul style="list-style-type: none"> • Pursue an undergraduate research experience. • Apply for internships. • Attend career fairs and events. |
| Math or Science Elective | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 5 - A 52 - 58 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|  IEE 380: Probability and Statistics for Engineering Problem Solving (CS) | 3 | C | |
| IEE 320: Extreme Excel | 1 | C | |
| MAT 242: Elementary Linear Algebra | 2 | C | |
| Term hours subtotal: | 6 | | |

| Term 5 - B 58 - 65 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| CHM 114: General Chemistry for Engineers (SQ) OR CHM 116: General Chemistry II (SQ) | 4 | | <ul style="list-style-type: none"> • Plan for success using the Junior Guide. • Network at student organization competitions or professional societies. |
| COM 263: Elements of Intercultural Communication (SB & C & G) | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 6 - A 65 - 71 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|  IEE 300: Economic Analysis for Engineers | 3 | C | |
| MGT 300: Organization and Management Leadership | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 71 - 77 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| IEE 369: Work Analysis and Design (L) | 3 | C | <ul style="list-style-type: none"> • Research and prepare for graduate school. • Apply for an engineering 4+1 program. • Develop a professional profile online. |
| Global Engineering/Sustainability/Entrepreneurship Course | 3-4 | | |
|  Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 6-7 | | |

| Term 7 - A 77 - 83 Credit Hours | Hours | Minimum Grade | Notes |
|---------------------------------|-------|---------------|-------|
|---------------------------------|-------|---------------|-------|

| | | |
|-------------------------------------|---|---|
| IEE 381: Lean Six Sigma Methodology | 3 | C |
| Industry Focus Area Elective | 3 | C |
| Term hours subtotal: | 6 | |

| Term 7 - B 83 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ IEE 321: Ethics and Technical Communication | 1 | C | <ul style="list-style-type: none"> • Plan for success using the Senior Guide. • Use Handshake to apply for full-time positions. • Complete an in person or virtual practice interview. |
| IEE 431: Engineering Administration (L) | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 8 - A 90 - 96 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ IEE 458: Project Management | 3 | C | |
| IEE 477: System Dynamics and Thinking | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 96 - 102 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| IEE 454: Risk Management | 3 | C | |
| Upper Division Industry Focus Area Elective | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 9 - A 102 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ IEE 485: Systems Design Capstone I (L) | 3 | C | |
| Upper Division Industry Focus Area Elective | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 9 - B 108 - 114 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| <i>Complete 2 courses:</i> | | | |
| Upper Division Industry Focus Area Elective | 6 | C | |
| Term hours subtotal: | 6 | | |

| Term 10 - A 114 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ IEE 486: Systems Design Capstone II (L) | 3 | C | |
| IEE 456: Introduction to Systems Engineering | 3 | C | |
| Term hours subtotal: | 6 | | |

- Major maps are built based on full-time enrollment, but can be adjusted as necessary for part-time attendance.
- Industry Focus Area: Select a minimum of 15 credit hours from one Industry Focus Area track, and a minimum of six credit hours from the corresponding Math/Science course list.

Hide Course List(s)/Track Group(s)

| | | |
|------------------------|--|--|
| Basic Science Elective | Global Engineering/Sustainability/Entrepreneurship | Industry Focus Area (Business Analytics) |
|------------------------|--|--|

| | | |
|--|--|--|
| BIO 181: General Biology I (SQ) | FSE 301: Entrepreneurship and Value Creation | Required courses: |
| BIO 182: General Biology II (SG) | PUP 190: Sustainable Cities ((HU or SB) & G) | IEE 376: Operations Research Deterministic Techniques/Applications |
| BIO 201: Human Anatomy and Physiology I (SG) | SES 106: Habitable Worlds (SQ) | IEE 385: Engineering Statistics: Probability |
| BIO 202: Human Anatomy and Physiology II (SG) | SOS 100: Introduction to Sustainability (G) | IEE 3** Elective |
| CHM 113: General Chemistry I (SQ) | SOS 110: Sustainable World (SB) | IEE 461: Production Control |
| GLG 101: Introduction to Geology I (Physical) (SQ) | SOS 111: Sustainable Cities ((HU or SB) & G) | IEE 474: Quality Control |
| PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ) | | IEE 4** Elective |
| PHY 241: University Physics III | | Math or Science Elective (Business Analytics Industry) |
| | | MAT 275: Modern Differential Equations (MA) |
| | | PHY 131: University Physics II: Electricity and Magnetism (SQ) |

Industry Focus Area (Software Engineering Web and Mobile Applications)

Required courses:

SER 222: Design and Analysis of Data Structures and Algorithms

SER 321: Principles of Distributed Software Systems

SER 322: Principles of Database Management

SER 334: Operating Systems and Networks

SER 421: Web-Based Applications and Mobile Systems or SER 422: Web Application Programming or SER 423: Mobile Systems

Math or Science Elective (Software Engineering Web and Mobile Applications)

CSE 230: Computer Organization and Assembly Language Programming

MAT 243: Discrete Mathematical Structures

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.





2020 - 2021 Major Map






Environmental Engineering, BSE






School/College: [Ira A. Fulton Schools of Engineering](#)

Location: [Tempe campus](#)

ESEVEBSE

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  FSE 100: Introduction to Engineering | 2 | C | <ul style="list-style-type: none"> ASU 101 is required of all first-year students; FSE 394 is required for all new transfer students. An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses Mathematics Placement Assessment score determines placement in mathematics course Prep for success using the First-Year Student Guide. Join a Fulton community. Explore engineering and technical professions. |
|  MAT 265: Calculus for Engineers I (MA) | 3 | C | |
| ASU 101-CEE: The ASU Experience | 1 | | |
| CHM 113: General Chemistry I (SQ) | 4 | | |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  MAT 242: Elementary Linear Algebra | 2 | C | <ul style="list-style-type: none"> Create a Handshake profile. Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
|  MAT 266: Calculus for Engineers II (MA) | 3 | C | |
| CEE 181: Technological, Social, and Sustainable Systems (HU) | 3 | | |
| CHM 116: General Chemistry II (SQ) | 4 | | |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 3 31 - 47 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  MAT 275: Modern Differential Equations (MA) | 3 | C | <ul style="list-style-type: none"> Prep for success using the Sophomore Guide. |
|  PHY 121: University Physics I: Mechanics (SQ) | 3 | C | |
|  PHY 122: University Physics Laboratory I (SQ) | 1 | C | |
| ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB) | 3 | | |
| EVE 261: Introduction to Environmental Processes | 3 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

Minimum

| Term 4 47 - 62 Credit Hours Critical course signified by ⚠ | Hours | Grade | Notes |
|---|-------|-------|--|
| ⚠ MAT 267: Calculus for Engineers III (MA) | 3 | C | <ul style="list-style-type: none"> Pursue an undergraduate research experience. Apply for internships. Attend career fairs and events. |
| CHE 211: Introduction to Chemical Processing | 3 | C | |
| EVE 214: Environmental Engineering Mechanics | 3 | C | |
| EVE 302: Environmental Engineering Fundamentals: Physical and Chemical Processes | 3 | | |
| GLG 101: Introduction to Geology I (Physical) (SQ) OR GLG 108: Water Planet (SQ) OR GLG 110: Dangerous World (SQ & G) | 3-4 | | |
| Term hours subtotal: | 15-16 | | |

| Term 5 62 - 77 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ EVE 303: Environmental Engineering Fundamentals: Biological Processes | 3 | | <ul style="list-style-type: none"> Plan for success using the Junior Guide. Network at student organization competitions or professional societies. |
| CEE 213: Introduction to Deformable Solids | 3 | C | |
| CEE 300: Engineering Business Practice (L) | 3 | | |
| CEE 384: Numerical Methods for Engineers (CS) | 3 | | |
| IEE 380: Probability and Statistics for Engineering Problem Solving (CS) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 77 - 91 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ CEE 341: Fluid Mechanics for Civil Engineers | 4 | | <ul style="list-style-type: none"> Research and prepare for graduate school. Apply for a Fulton Schools 4+1 program. Develop a professional profile online. |
| CEE 353: Civil Engineering Materials | 4 | | |
| EVE 304: Environmental Engineering Processes Lab | 2 | | |
| EVE 452: Fundamentals of Geoenvironmental Engineering | 3 | | |
| Technical Elective | 1 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 14 | | |

| Summer 6 91 - 92 Credit Hours | Hours | Minimum Grade | Notes |
|-------------------------------|-------|---------------|-------|
| EVE 484: Internship | 1 | C | |
| Term hours subtotal: | 1 | | |

| Term 7 92 - 107 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ CEE 467: Environmental Microbiology | 3 | | <ul style="list-style-type: none"> Plan for success using the Senior Guide. Use Handshake to apply for full-time positions. Complete an in person or virtual practice interview. |
| CEE 400: Earth Systems Engineering and Management ((L or HU) & H) | 3 | | |
| CEE 440: Hydrology | 3 | | |
| CEE 462: Unit Operations in Environmental Engineering | 3 | | |
| Technical Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 107 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ CEE 486: Integrated Civil Engineering Design (L) | 4 | | |
| CEE 441: Water Resources Engineering | 3 | | |

| | |
|-------------------------------------|----|
| ERM 401: Hazardous Waste Management | 3 |
| Technical Elective | 3 |
| Term hours subtotal: | 13 |

Hide Course List(s)/Track Group(s)

| |
|--|
| Technical Elective |
| CEE 281: Surveying |
| CEE 351: Geotechnical Engineering |
| CEE 372: Transportation Engineering |
| CEE 466: Urban Water System Design |
| CEE 470: Sustainable Environmental Biotechnologies |
| CEE 481: Civil Engineering Project Management |
| CEE 485: Sustainable Civil and Environmental Systems Engineering |
| CEE 493: Honors Thesis (L) |
| CEE 499: Individualized Instruction |
| CHE 469: Air Quality Engineering |
| CHM 231: Elementary Organic Chemistry (SQ) |
| EVE 484: Internship |
| EVE 494: Special Topics |
| EVE 498: Pro-Seminar |
| EVE 499: Individualized Instruction |
| PUP 301: Introduction to Urban Planning (L) |
| PUP 442: Environmental Planning |
| PUP 465: Sustainable Urbanism |

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map



Environmental and Resource Management, BS



School/College: [Ira A. Fulton Schools of Engineering](#)

Location: [Polytechnic campus](#)

TSETMBS

| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  ASU 101-TPS: The ASU Experience OR FSE 310: Transfer Success in Engineering | 1 | | <ul style="list-style-type: none"> ASU 101 is required of all first-year students; FSE 310 is required for all new transfer students; LIA 294 is highly recommended for all new veteran students. An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses Mathematics Placement Assessment score determines placement in mathematics course Prep for success using the First-Year Student Guide. Join a Fulton community. Explore engineering and technical professions. |
| CHM 113: General Chemistry I (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 210: Brief Calculus (MA) | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 29 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  ERM 191: First-Year Seminar | 1 | | <ul style="list-style-type: none"> Students wishing to take HSE 230 in Term 3 should complete HSE 101 in Term 2. Create a Handshake profile. Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
| BIO 181: General Biology I (SQ) | 4 | C | |
| CHM 116: General Chemistry II (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Social-Behavioral Sciences (SB) (HSE 101 recommended) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 3 29 - 44 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  ERM 201: Environmental Management | 3 | C | <ul style="list-style-type: none"> Prep for success using the Sophomore Guide. |
| CHM 231: Elementary Organic Chemistry (SQ) | 3 | C | |
| STP 226: Elements of Statistics (CS) OR HSE 230: Statistics for Human Systems Research I (CS) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 4 44 - 60 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|--|----|---|
| ERM 203: Environmental Regulations | 3 | C |
| PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ) | 4 | |
| Technical Elective | 3 | |
| Humanities, Arts and Design (HU) | 3 | |
| Elective | 3 | |
| Complete CHM 231 course(s). | | |
| Term hours subtotal: | 16 | |

- Pursue an undergraduate research experience.
- Apply for internships.
- Attend career fairs and events.

| Term 5 60 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ERM 407: Occupational Hygiene | 3 | | <ul style="list-style-type: none"> • Plan for success using the Junior Guide. • Network at student organization competitions or professional societies. |
| ERM 432: Sustainable Solid Waste Management | 3 | | |
| Technical Elective | 3 | | |
| ERM Upper Division Elective | 3 | | |
| Upper Division Literacy and Critical Inquiry (L) (TWC 446 recommended) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ERM 302: Water and Wastewater Treatment Technology | 3 | C | <ul style="list-style-type: none"> • Research and prepare for graduate school. • Apply for a Fulton Schools 4+1 program. • Develop a professional profile online. |
| ERM 401: Hazardous Waste Management | 3 | | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Complete 2 courses: Upper Division Elective | 6 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ERM 402: Unit Treatment Technologies | 3 | C | <ul style="list-style-type: none"> • Plan for success using the Senior Guide. • Use Handshake to apply for full-time positions. • Complete an in person or virtual practice interview. |
| Technical Elective | 3 | | |
| ERM OR ABS OR SOS Upper Division Elective | 3 | | |
| ERM Upper Division Elective | 3 | | |
| Elective OR ERM 484: Internship | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ERM 480: Senior Project | 3 | C | |
| ERM 406: Environmental Chemistry | 3 | | |
| ERM 428: International Environmental Management (G) | 3 | | |
| Technical Elective | 3 | | |
| ERM OR ABS OR SOS Upper Division Elective | 3 | | |
| Term hours subtotal: | 15 | | |

Hide Course List(s)/Track Group(s)

| |
|-----------------------|
| Technical Elective(s) |
| ABS Elective |
| AGB Elective |
| BIO Elective |
| CEE Elective |
| CHM Elective |
| CIS Elective |
| CSE Elective |
| ECN Elective |
| EDT Elective |
| EGR Elective |
| ERM Elective |
| FSE Elective |
| GIS Elective |
| GLG Elective |
| GPH Elective |
| HSE Elective |
| IFT Elective |
| MAT Elective |
| MFG Elective |
| OMT Elective |
| PHY Elective |
| PUP Elective |
| SOS Elective |
| TEM Elective |
| TMC Elective |

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)

- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map




Graphic Information Technology, BS



School/College: [Ira A. Fulton Schools of Engineering](#)



Location: [Polytechnic campus](#)

TSGITBS

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  ASU 101-TPS: The ASU Experience OR FSE 310: Transfer Success in Engineering | 1 | | <ul style="list-style-type: none"> ASU 101 is required of all first-year students; FSE 310 is required for all new transfer students; LIA 294 is highly recommended for all new veteran students. An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses Mathematics Placement Assessment score determines placement in mathematics course Prep for success using the First-Year Student Guide. Join a Fulton community. Explore engineering and technical professions. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| GIT 135: Graphic Communications | 3 | | |
| GIT 210: Creative Thinking and Design Visualization | 3 | | |
| HSE 101: Introduction to Human Systems Engineering (SB) OR PSY 101: Introduction to Psychology (SB) | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  GIT 230: Digital Illustration in Publishing | 3 | | <ul style="list-style-type: none"> Create a Handshake profile. Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 170: Precalculus (MA) | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 45 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| GIT 215: Introduction to Web Authoring | 3 | | <ul style="list-style-type: none"> Prep for success using the Sophomore Guide. |
| HSE 230: Statistics for Human Systems Research I (CS) OR PSY 230: Introduction to Statistics (CS) | 3 | | |
| TMC 110: Understanding the Enterprise | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
|  Complete MAT 170 course(s). | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 13 | | |

| Term 4 45 - 60 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  GIT 250: Introduction to Commercial Print | 3 | | <ul style="list-style-type: none"> Pursue an undergraduate research experience. |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |

| | |
|--|----|
| Literacy and Critical Inquiry (L) (HSE 290 recommended) | 3 |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 |
| Elective | 3 |
| Term hours subtotal: | 15 |

- Apply for **internships**.
- Attend **career fairs and events**.

| Term 5 60 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ GIT 315: Digital Video Techniques | 3 | | <ul style="list-style-type: none"> • A secondary focus area is a group of courses comprising of 12 or more credit hours, of which a minimum of six credit hours must be upper-division, which form a coherent theme. Students may use a second primary focus track for their secondary focus requirement. • Plan for success using the Junior Guide. • Network at student organization competitions or professional societies. |
| GIT 384: Commercial Photography | 3 | | |
| TWC 451: Copyright and Intellectual Property in the Electronic Age | 3 | | |
| Primary Focus Area | 3 | | |
| Secondary Focus Area | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ GIT 303: Digital Publishing | 3 | | <ul style="list-style-type: none"> • A secondary focus area is a group of courses comprising of 12 or more credit hours, of which a minimum of six credit hours must be upper-division, which form a coherent theme. Students may use a second primary focus track for their secondary focus requirement. • Research and prepare for graduate school. • Apply for a Fulton Schools 4+1 program. • Develop a professional profile online. |
| GIT 314: Multimedia Design, Planning and Storyboards | 3 | | |
| Primary Focus Area | 3 | | |
| Secondary Focus Area | 3 | | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ GIT 432: Graphic Industry Business Practices | 3 | | <ul style="list-style-type: none"> • A secondary focus area is a group of courses comprising of 12 or more credit hours, of which a minimum of six credit hours must be upper-division, which form a coherent theme. Students may use a second primary focus track for their secondary focus requirement. • Plan for success using the Senior Guide. • Use Handshake to apply for full-time positions. |
| GIT 450: Digital Workflow in Graphic Industries | 3 | | |
| Upper Division Primary Focus Area | 3 | | |
| Upper Division Secondary Focus Area | 3 | | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ GIT 480: Senior Project | 3 | | <ul style="list-style-type: none"> • A secondary focus area is a group of courses comprising of 12 or more credit hours, of which a minimum of six credit hours must be upper-division, which form a coherent theme. Students may use a second primary focus track for their secondary focus requirement. • Complete an in person or virtual practice interview. |
| GIT 413: Professional Portfolio Design and Presentation | 3 | | |
| Upper Division Primary Focus Area | 3 | | |
| Upper Division Secondary Focus Area | 3 | | |
| GIT Upper Division Elective | 3 | | |
| Term hours subtotal: | 15 | | |

- Students in the BS Graphic Information Technology program select a primary focus area consisting of 12 hours of focused courses (minimum six hours of upper-division). Sample focus areas are listed below. Additional focus areas may be available. Please check with your academic advisor.

Hide Course List(s)/Track Group(s)

| Front-End Web Design and Development | Digital Design Print and Publishing | Game Art & Animation |
|--|---|---|
| GIT 337: Web Content Design | GIT 333: Printing Technology | GIT 211: Introduction to Video Game Art |
| GIT 340: Information Design and Usability | GIT 334: Image Editing and Manipulation | GIT 312: 3-D Computer Graphics Modeling and Representation (CS) |
| GIT 414: Web Site Design and Internet/Web Technologies | GIT 437: Color Reproduction Systems | GIT 334: Image Editing and Manipulation |
| GIT 417: Advanced Web Markup and Scripting | GIT 494: Special Topics | GIT 411: Computer Animation |
| GIT 418: Multimedia Authoring Scripting and Production | TWC 411: Principles of Visual Communication (L) | GIT 494: Special Topics |
| GIT 435: Website and E-Commerce Strategies | | |
| GIT 494: Special Topics | | |
| Commercial Photography and Video | | |
| GIT 295: Introduction to Technical Imaging | | |
| GIT 334: Image Editing and Manipulation | | |
| GIT 415: Advanced Digital Video Techniques | | |
| GIT 490: Advanced Commercial Photography | | |
| GIT 494: Special Topics | | |

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.

2020 - 2021 Major Map











Journalism and Mass Communication, BA

School/College: [Walter Cronkite School of Journalism & Mass Comm](#)

Location:
CSJMCBA

and
Graphic
Information
Technology,
BS

[Ira A. Fulton Schools of Engineering](#)
TSGITBS







| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  GIT 135: Graphic Communications | 3 | | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. |
|  JMC 101: Grammar for Journalists | 1 | Y | |
|  JMC 110: Principles and History of Journalism (SB) | 3 | C | |
| ASU 101-CS: The ASU Experience | 1 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| JMC 102: Coding for Journalists | 1 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
|  Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |
| | | | |
| Term 2 16 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  GIT 210: Creative Thinking and Design Visualization | 3 | | <ul style="list-style-type: none"> • Create a first draft resume • Select your career interest community and play me3@ASU |
|  JMC 201: News Reporting and Writing (L) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 170: Precalculus (MA) | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |
| | | | |
| Summer 2 32 - 39 Credit Hours | Hours | Minimum Grade | |
| STP 226: Elements of Statistics (CS) | 3 | | |





Natural Science - Quantitative (SQ)




4

Term hours subtotal: 7

- Build your professional connections -- join the [ASU Mentor Network](#)

| Term 3 39 - 55 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  GIT 230: Digital Illustration in Publishing | 3 | | <ul style="list-style-type: none"> • Develop your professional online presence |
|  JMC 305: Multimedia Journalism | 3 | C | |
| JMC 351: Photojournalism I | 3 | C | |
| JMC 366: Journalism Ethics and Diversity | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
|  Complete First-Year Composition requirement. | | | |
|  Complete Mathematics (MA) requirement. | | | |
|  Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 55 - 71 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  GIT 215: Introduction to Web Authoring | 3 | | <p>For Focus Area Courses, students must select one of the following focus areas:</p> <ul style="list-style-type: none"> • Front-End Web Design and Development • Game Art & Animation • Digital Design, Print and Publishing • Commercial Photography and Video <p>All 12 hours of focus area courses must be taken from the same focus area.</p> |
|  JMC 301: Intermediate Reporting and Writing (L) | 3 | C | |
| GIT 250: Introduction to Commercial Print | 3 | | |
| JMC 345: Videography | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. AND Global Awareness (G) | 4 | C | |
|  Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 5 71 - 89 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  GIT 303: Digital Publishing | 3 | | <ul style="list-style-type: none"> • Develop your skills |
| GIT 384: Commercial Photography | 3 | | |
| JMC 414: Digital Graphic Design | 3 | C | |
| GIT Focus Area Course | 3 | | |
| Philosophy Course AND Humanities, Arts and Design (HU) | 3 | | |
| U.S. History Course AND Humanities, Arts and Design (HU) AND Historical Awareness (H) AND Cultural Diversity in the U.S. (C) | 3 | | |
|  Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 18 | | |

| Term 6 89 - 102 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  Upper Division Journalism and Mass Communication Major Elective | 3 | C | <ul style="list-style-type: none"> • Explore an internship |
| JMC 473: The Business and Future of Journalism | 3 | C | |
| GIT Focus Area Course | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

★ Minimum 2.50 GPA ASU Cumulative.

Term hours subtotal: 13

| Term 7 102 - 117 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|----------------------------------|
| ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB) | 3 | | • Gather professional references |
| GIT 314: Multimedia Design, Planning and Storyboards | 3 | | |
| JMC 484: Internship | 3 | Y | |
| PSY 101: Introduction to Psychology (SB) OR SOC 101: Introductory Sociology (SB) | 3 | | |
| GIT Focus Area Course | 3 | | |

★ Minimum 2.50 GPA ASU Cumulative.

Term hours subtotal: 15

| Term 8 117 - 132 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ GIT 432: Graphic Industry Business Practices | 3 | | |
| ★ JMC 477: New Media Innovation and Entrepreneurship Lab | 3 | C | |
| JMC 402: Mass Communication Law | 3 | C | |
| POS 310: American National Government (SB) | 3 | | |
| GIT Focus Area Course | 3 | | |

★ Minimum 2.50 GPA ASU Cumulative.

Term hours subtotal: 15

- For Focus Area Courses, students must select one of the following focus areas:
 - Front-End Web Design and Development
 - Game Art & Animation
 - Digital Design, Print and Publishing
 - Commercial Photography and Video

All 12 hours of focus area courses must be taken from the same focus area.

Hide Course List(s)/Track Group(s)

| Philosophy Course | U.S. History Course | Journalism & Mass Communication Upper Division Major Elective |
|--|---|---|
| HON 171: The Human Event (L or HU) | HST 327: Women in U.S. History 1600 to 1880 ((HU or SB) & C & H) | JMC 451: Photojournalism II |
| PHI 101: Introduction to Philosophy (HU) | HST 328: Women in U.S. History 1880-1980 ((HU or SB) & C & H) | JMC 455: Digital Media Entrepreneurship |
| PHI 103: Principles of Sound Reasoning (L or HU) | HST 334: African American History Since 1865 ((HU or SB) & C & H) | JMC 460: Advanced Online Media |
| PHI 105: Intro to Ethics (HU) | HST 337: American Indian History to 1900 ((HU or SB) & C & H) | MCO 425: Digital Media Literacy I |
| PHI 306: Applied Ethics (HU) | HST 338: American Indian History since 1900 ((HU or SB) & C & H) | |

| | | |
|---|---|--|
| GIT Focus Area: Front-End Web Design and Development | GIT Focus Area: Game Art & Animation | GIT Focus Area: Digital Design Print and Publishing |
| GIT 337: Web Content Design | GIT 211: Introduction to Video Game Art | GIT 333: Printing Technology |
| GIT 340: Information Design and Usability | GIT 312: 3-D Computer Graphics Modeling and Representation (CS) | GIT 334: Image Editing and Manipulation |
| GIT 402: New Media Internet Technologies | GIT 411: Computer Animation | GIT 437: Color Reproduction Systems |
| GIT 414: Web Site Design and Internet/Web Technologies | GIT 450: Digital Workflow in Graphic Industries | GIT 450: Digital Workflow in Graphic Industries |
| GIT 417: Advanced Web Markup and Scripting | GIT 494: Special Topics | GIT 494: Special Topics |
| GIT 418: Multimedia Authoring Scripting and Production | | TWC 411: Principles of Visual Communication (L) |
| GIT 435: Website and E-Commerce Strategies | | |
| GIT 450: Digital Workflow in Graphic Industries | | |
| GIT 494: Special Topics | | |
| GIT Focus Area: Commercial Photography and Video | | |
| GIT 295: Introduction to Technical Imaging | | |
| GIT 315: Digital Video Techniques | | |
| GIT 334: Image Editing and Manipulation | | |
| GIT 415: Advanced Digital Video Techniques | | |
| GIT 450: Digital Workflow in Graphic Industries | | |
| GIT 490: Advanced Commercial Photography | | |
| GIT 494: Special Topics | | |

Total Hours: 132

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.









2020 - 2021 Major Map

Graphic Information Technology, BS

School/College: [Ira A. Fulton Schools of Engineering](#)

Location: [Online](#)

TSGITBS

| Term 1 - A 0 - 7 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  ASU 101-UC: The ASU Experience OR FSE 310: Transfer Success in Engineering | 1 | | <ul style="list-style-type: none"> ASU 101 is required of all first-year students; FSE 310 is required for all new transfer students; LIA 294 is highly recommended for all new veteran students. An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses Mathematics Placement Assessment score determines placement in mathematics course |
| GIT 135: Graphic Communications | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 7 | | |
| Term 1 - B 7 - 16 Credit Hours | Hours | Minimum Grade | Notes |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> View ASU Online first-year student registration information here. Prep for success using the First-Year Student Guide Join a Fulton community. Explore engineering and technical professions. |
| GIT 210: Creative Thinking and Design Visualization | 3 | | |
| HSE 101: Introduction to Human Systems Engineering (SB) OR PSY 101: Introduction to Psychology (SB) | 3 | C | |
| Term hours subtotal: | 9 | | |
| Term 2 - A 16 - 25 Credit Hours | Hours | Minimum Grade | Notes |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 170: Precalculus (MA) | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 9 | | |
| Term 2 - B 25 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  GIT 230: Digital Illustration in Publishing | 3 | | <ul style="list-style-type: none"> Create a Handshake profile. Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
| Natural Science - Quantitative (SQ) | 4 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 7 | | |
| Term 3 - A 32 - 38 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  GIT 215: Introduction to Web Authoring | 3 | | |
| TMC 110: Understanding the Enterprise | 3 | | |
| Term hours subtotal: | 6 | | |
| Term 3 - B 38 - 45 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |

HSE 230: Statistics for Human Systems Research I (CS) OR PSY 230: Introduction to Statistics (CS) 3

Natural Science - Quantitative (SQ) OR Natural Science - General (SG) 4

◆ Complete MAT 170 course(s).

Complete Mathematics (MA) requirement.

Term hours subtotal: 7

- Prep for success using the [Sophomore Guide](#).

| Term 4 - A 45 - 54 Credit Hours Critical course signified by ◆ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

◆ GIT 250: Introduction to Commercial Print 3

Humanities, Arts and Design (HU) AND Global Awareness (G) 3

Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) 3

Term hours subtotal: 9

| Term 4 - B 54 - 60 Credit Hours | Hours | Minimum Grade | Notes |
|---------------------------------|-------|---------------|-------|
|---------------------------------|-------|---------------|-------|

Literacy and Critical Inquiry (L) (HSE 290 recommended) 3

Elective 3

Term hours subtotal: 6

- Pursue an [undergraduate research experience](#).
- Apply for [internships](#).
- Attend [career fairs and events](#).

| Term 5 - A 60 - 69 Credit Hours | Hours | Minimum Grade | Notes |
|---------------------------------|-------|---------------|-------|
|---------------------------------|-------|---------------|-------|

GIT 384: Commercial Photography 3

TWC 451: Copyright and Intellectual Property in the Electronic Age 3

Secondary Focus Area 3

Term hours subtotal: 9

- A secondary focus area is a group of courses comprising of 12 or more credit hours (at least six credit hours must be at the upper-division level) which form a coherent theme.

| Term 5 - B 69 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

★ GIT 315: Digital Video Techniques 3

Primary Focus Area 3

Term hours subtotal: 6

- Plan for success using the [Junior Guide](#).
- Network at [student organization competitions](#) or professional societies.

| Term 6 - A 75 - 81 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

★ GIT 303: Digital Publishing 3

Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) 3

Term hours subtotal: 6

- Research and prepare for [graduate school](#).
- Apply for a [Fulton Schools 4+1 program](#).
- Develop a [professional profile online](#).

| Term 6 - B 81 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

GIT 314: Multimedia Design, Planning and Storyboards 3

Primary Focus Area 3

Secondary Focus Area 3

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

- A secondary focus area is a group of courses comprising of 12 or more credit hours (at least six credit hours must be at the upper-division level) which form a coherent theme.

Term hours subtotal: 9

| Term 7 - A 90 - 99 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| GIT 450: Digital Workflow in Graphic Industries | 3 | | <ul style="list-style-type: none"> Plan for success using the Senior Guide. Use Handshake to apply for full-time positions. Complete an in person or virtual practice interview. |
| Upper Division Primary Focus Area | 3 | | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 7 - B 99 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ GIT 432: Graphic Industry Business Practices | 3 | | <ul style="list-style-type: none"> A secondary focus area is a group of courses comprising of 12 or more credit hours (at least six credit hours must be at the upper-division level) which form a coherent theme. |
| Upper Division Secondary Focus Area | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 105 - 111 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| GIT 413: Professional Portfolio Design and Presentation | 3 | | |
| Upper Division Primary Focus Area | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 111 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ GIT 480: Senior Project | 3 | | <ul style="list-style-type: none"> A secondary focus area is a group of courses comprising of 12 or more credit hours (at least six credit hours must be at the upper-division level) which form a coherent theme. |
| Upper Division Secondary Focus Area | 3 | | |
| GIT Upper Division Elective | 3 | | |
| Term hours subtotal: | 9 | | |

- Students in the BS Graphic Information Technology program select a primary focus area consisting of 12 hours of focused courses (minimum of six upper-division). Sample focus areas are listed below. Additional focus areas may be available. Please check with your academic advisor.

Hide Course List(s)/Track Group(s)

| Front-End Web Design and Development | Digital Design Print and Publishing | Game Art & Animation |
|--|---|---|
| GIT 337: Web Content Design | GIT 333: Printing Technology | GIT 211: Introduction to Video Game Art |
| GIT 340: Information Design and Usability | GIT 334: Image Editing and Manipulation | GIT 312: 3-D Computer Graphics Modeling and Representation (CS) |
| GIT 414: Web Site Design and Internet/Web Technologies | GIT 437: Color Reproduction Systems | GIT 334: Image Editing and Manipulation |
| GIT 417: Advanced Web Markup and Scripting | GIT 494: Special Topics | GIT 411: Computer Animation |
| GIT 418: Multimedia Authoring Scripting and Production | TWC 411: Principles of Visual Communication (L) | GIT 494: Special Topics |
| GIT 435: Website and E-Commerce Strategies | | |
| GIT 494: Special Topics | | |

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map




Graphic Information Technology (User Experience), BS




School/College: [Ira A. Fulton Schools of Engineering](#)




Location: [Polytechnic campus](#)

ESGITUEBS

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  ASU 101-TPS: The ASU Experience OR FSE 310: Transfer Success in Engineering | 1 | | <ul style="list-style-type: none"> ASU 101 is required of all first-year students; FSE 310 is required for all new transfer students. LIA 294 is highly recommended for all new veteran students. An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses Mathematics Placement Assessment score determines placement in mathematics course Prep for success using the First-Year Student Guide. Join a Fulton community. Explore engineering and technical professions. |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| GIT 135: Graphic Communications | 3 | | |
| GIT 210: Creative Thinking and Design Visualization | 3 | | |
| MAT 170: Precalculus (MA) | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  GIT 230: Digital Illustration in Publishing | 3 | | <ul style="list-style-type: none"> Create a Handshake profile. Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| GIT 250: Introduction to Commercial Print | 3 | | |
| HSE 101: Introduction to Human Systems Engineering (SB) | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 48 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  GIT 215: Introduction to Web Authoring | 3 | | <ul style="list-style-type: none"> Prep for success using the Sophomore Guide. |
| HSE 230: Statistics for Human Systems Research I (CS) | 3 | C | |
| TMC 110: Understanding the Enterprise | 3 | | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 48 - 60 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  HSE 225: Human Systems Integration | 3 | C | <ul style="list-style-type: none"> Pursue an undergraduate research experience. |
|  HSE 290: Experimental Methods for Human Systems Research (L) | 3 | C | |

| | |
|--|----|
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 |
| Elective | 3 |
| Term hours subtotal: | 12 |

- Apply for internships.
- Attend career fairs and events.

| Term 5 60 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ GIT 337: Web Content Design | 3 | | <ul style="list-style-type: none"> • Plan for success using the Junior Guide. • Network at student organization competitions or professional societies. |
| GIT 303: Digital Publishing | 3 | | |
| GIT 315: Digital Video Techniques | 3 | | |
| GIT 384: Commercial Photography | 3 | | |
| TWC 451: Copyright and Intellectual Property in the Electronic Age | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ GIT 314: Multimedia Design, Planning and Storyboards | 3 | | <ul style="list-style-type: none"> • Thinking about graduate school? Consider registering for a grad school test prep course. • Apply for a Fulton Schools 4+1 program. • Develop a professional profile online. |
| GIT 340: Information Design and Usability | 3 | | |
| GIT 414: Web Site Design and Internet/Web Technologies | 3 | | |
| HSE 390: Qualitative Research Methods (L) | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ GIT 450: Digital Workflow in Graphic Industries | 3 | | <ul style="list-style-type: none"> • Plan for success using the Senior Guide. • Use Handshake to apply for full-time positions. |
| HSE 325: Human-Computer Interaction | 3 | C | |
| TWC 301: Fundamentals of Writing for Digital Media (L) | 3 | | |
| TWC 414: Visualizing Data and Information | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ GIT 480: Senior Project | 3 | | <ul style="list-style-type: none"> • Complete an in person or virtual practice interview. |
| GIT 413: Professional Portfolio Design and Presentation | 3 | | |
| GIT 432: Graphic Industry Business Practices | 3 | | |
| TWC 444: User Experience | 3 | | |
| GIT Elective | 3 | | |
| Term hours subtotal: | 15 | | |

Hide Course List(s)/Track Group(s)

Total Hours: 120

General University Requirements Legend

Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map





Human Systems Engineering, BS



School/College: [Ira A. Fulton Schools of Engineering](#)

Location: [Polytechnic campus](#)

ESHSEBS

| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  ASU 101-TPS: The ASU Experience OR FSE 310: Transfer Success in Engineering | 1 | | <ul style="list-style-type: none"> ASU 101 is required of all first-year students; FSE 310 is required for all new transfer students; LIA 294 is highly recommended for all new veteran students. An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses Mathematics Placement Assessment score determines placement in mathematics course Prep for success using the First-Year Student Guide. Join a Fulton community. Explore engineering and technical professions. |
|  HSE 101: Introduction to Human Systems Engineering (SB) | 3 | C | |
| BIO 100: The Living World (SQ) OR BIO 181: General Biology I (SQ) OR BIO 201: Human Anatomy and Physiology I (SG) | 4 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 170: Precalculus (MA) | 3 | C | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  HSE 230: Statistics for Human Systems Research I (CS) | 3 | C | <ul style="list-style-type: none"> Create a Handshake profile. Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
| EGR 101: Foundations of Engineering Design Project I | 3 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Complete MAT 170 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 45 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  HSE 290: Experimental Methods for Human Systems Research (L) | 3 | C | <ul style="list-style-type: none"> Prep for success using the Sophomore Guide. |
| HSE 223: Applied Biology of Human Behavior (SB) | 3 | C | |
| HSE 224: Applied Social Science (SB) | 3 | C | |
| Technical Elective | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 15 | | |

| Term 4 45 - 60 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  HSE 225: Human Systems Integration | 3 | C | |

| | |
|---|----|
| CIS 105: Computer Applications and Information Technology (CS) OR CSE 180: Computer Literacy (CS) OR EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) OR IFT 101: Information Technology Programming Logic | 3 |
| Technical Elective | 3 |
| Global Awareness (G) | 3 |
| Elective | 3 |
| Term hours subtotal: | 15 |

- Pursue an undergraduate research experience.
- Apply for internships.
- Attend career fairs and events.

| Term 5 60 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ HSE 324: Applied Cognitive Science (SB) | 3 | C | <ul style="list-style-type: none"> • Plan for success using the Junior Guide. • Network at student organization competitions or professional societies. |
| HSE 390: Qualitative Research Methods (L) | 3 | C | |
| HSE Electives | 3 | | |
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ HSE 323: Perceptual Systems (SB) | 3 | C | <ul style="list-style-type: none"> • Research and prepare for graduate school. • Apply for an engineering 4+1 program. • Develop a professional profile online. |
| HSE 325: Human-Computer Interaction | 3 | C | |
| Upper Division HSE Electives | 3 | | |
| Technical Elective | 3 | | |
| Upper Division Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ HSE 430: Statistics for Human Systems Research II (CS) | 3 | C | <ul style="list-style-type: none"> • Plan for success using the Senior Guide. • Use Handshake to apply for full-time positions. • Complete an in person or virtual practice interview. |
| Complete 2 courses: | 6 | | |
| Upper Division HSE Electives | 3 | | |
| Upper Division Technical Elective | 3 | | |
| Upper Division Elective OR HSE 484: Internship | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ HSE 477: Human Systems Engineering Capstone Experience | 3 | C | |
| Complete 2 courses: | 6 | | |
| Upper Division HSE Electives | 6 | | |
| Complete 2 courses: | 6 | | |
| Elective | 6 | | |
| Term hours subtotal: | 15 | | |

- Technical Electives should be chosen from the prefixes below. Three credit hours must be upper-division.

Hide Course List(s)/Track Group(s)

| Technical Electives | HSE Electives |
|---------------------|---|
| AME Elective | HSE 422: Human Factors in Sport |
| AMT Elective | HSE 423: Human Factors in Transportation |
| BIO Elective | HSE 424: Human Automation Interaction |
| BME Elective | HSE 425: Human Factors in Medical Systems |
| BMI Elective | HSE 426: Training and Expertise |
| CAP Elective | HSE 427: Designing for Learning |
| CIS Elective | HSE 428: Judgment and Decision Making |
| CSE Elective | HSE 429: Product Design and Evaluation |
| EEE Elective | HSE 484: Internship |
| EGR Elective | HSE 494: Special Topics |
| GIT Elective | HSE 499: Individualized Instruction |
| HSE Elective | |
| IEE Elective | |
| IFT Elective | |
| MFG Elective | |
| OMT Elective | |
| PSY Elective | |
| SER Elective | |
| TEM Elective | |
| TMC Elective | |
| TWC Elective | |

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map





Human Systems Engineering (User Experience), BS



School/College: [Ira A. Fulton Schools of Engineering](#)

Location: [Polytechnic campus](#)

ESHSEUEBS

| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  ASU 101-TPS: The ASU Experience OR FSE 310: Transfer Success in Engineering | 1 | | <ul style="list-style-type: none"> ASU 101 is required of all first-year students; FSE 310 is required for all new transfer students; LIA 294 is highly recommended for all new veteran students. An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses Mathematics Placement Assessment score determines placement in mathematics course Prep for success using the First-Year Student Guide. Join a Fulton community. Explore engineering and technical professions. |
|  HSE 101: Introduction to Human Systems Engineering (SB) | 3 | C | |
| BIO 100: The Living World (SQ) OR BIO 181: General Biology I (SQ) OR BIO 182: General Biology II (SG) OR BIO 201: Human Anatomy and Physiology I (SG) | 4 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 170: Precalculus (MA) | 3 | C | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  HSE 230: Statistics for Human Systems Research I (CS) | 3 | C | <ul style="list-style-type: none"> Create a Handshake profile. Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
| EGR 101: Foundations of Engineering Design Project I | 3 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Complete MAT 170 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 45 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  HSE 290: Experimental Methods for Human Systems Research (L) | 3 | C | <ul style="list-style-type: none"> Prep for success using the Sophomore Guide. |
| HSE 223: Applied Biology of Human Behavior (SB) | 3 | C | |
| HSE 224: Applied Social Science (SB) | 3 | C | |
| User Experience Concentration Course | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 15 | | |

| Term 4 45 - 60 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  HSE 225: Human Systems Integration | 3 | C | |

| | |
|---|----|
| CIS 105: Computer Applications and Information Technology (CS) OR CSE 180: Computer Literacy (CS) OR EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) OR IFT 101: Information Technology Programming Logic | 3 |
| User Experience Concentration Course | 3 |
| Global Awareness (G) | 3 |
| Elective | 3 |
| Term hours subtotal: | 15 |

- Pursue an undergraduate research experience.
- Apply for internships.
- Attend career fairs and events.

| Term 5 60 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ HSE 324: Applied Cognitive Science (SB) | 3 | C | <ul style="list-style-type: none"> • Plan for success using the Junior Guide. • Network at student organization competitions or professional societies. |
| HSE 390: Qualitative Research Methods (L) | 3 | C | |
| Upper Division HSE Electives | 3 | | |
| User Experience Concentration Course | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ HSE 323: Perceptual Systems (SB) | 3 | C | <ul style="list-style-type: none"> • Research and prepare for graduate school. • Apply for an engineering 4+1 program. • Develop a professional profile online. |
| HSE 325: Human-Computer Interaction | 3 | C | |
| Complete 2 courses: | | | |
| Upper Division HSE Electives | 6 | | |
| User Experience Concentration Course | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ HSE 430: Statistics for Human Systems Research II (CS) | 3 | | <ul style="list-style-type: none"> • Plan for success using the Senior Guide. • Apply for full-time positions. • Complete an in person or virtual practice interview. |
| Complete 2 courses: | | | |
| Upper Division User Experience Concentration Course | 6 | | |
| Upper Division Elective OR HSE 484: Internship | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ HSE 477: Human Systems Engineering Capstone Experience | 3 | C | |
| Upper Division User Experience Concentration Course | 3 | | |
| Complete 3 courses: | | | |
| Upper Division Elective | 9 | | |
| Term hours subtotal: | 15 | | |

- Students must take seven classes from the User Experience Concentration list below, and three classes from the HSE Electives list below.

Hide Course List(s)/Track Group(s)

| User Experience Concentration | HSE Electives |
|--|---|
| GIT 135: Graphic Communications | HSE 422: Human Factors in Sport |
| GIT 210: Creative Thinking and Design Visualization | HSE 423: Human Factors in Transportation |
| GIT 215: Introduction to Web Authoring | HSE 424: Human Automation Interaction |
| GIT 230: Digital Illustration in Publishing | HSE 425: Human Factors in Medical Systems |
| GIT 337: Web Content Design | HSE 426: Training and Expertise |
| GIT 340: Information Design and Usability | HSE 427: Designing for Learning |
| GIT 402: New Media Internet Technologies | HSE 428: Judgment and Decision Making |
| GIT 414: Web Site Design and Internet/Web Technologies | HSE 429: Product Design and Evaluation |
| GIT 417: Advanced Web Markup and Scripting | HSE 484: Internship |
| GIT 418: Multimedia Authoring Scripting and Production | HSE 494: Special Topics |
| GIT 494: UI/UX Consulting | HSE 499: Individualized Instruction |
| HSE 427: Designing for Learning | |
| HSE 429: Product Design and Evaluation | |
| TWC 411: Principles of Visual Communication (L) | |
| TWC 414: Visualizing Data and Information | |
| TWC 421: Principles of Web Authoring (L) | |
| TWC 444: User Experience | |

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map






Industrial Engineering, BSE





School/College: [Ira A. Fulton Schools of Engineering](#)

Location: [Tempe campus](#)

ESIEEBSE

| Term 1 0 - 15 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  MAT 265: Calculus for Engineers I (MA) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, TOEFL or IELTS score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students and should be taken in the first semester. • Prep for success using the First-Year Student Guide. • Join a Fulton community. • Explore engineering and technical professions. |
| ASU 101-IEE: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| FSE 100: Introduction to Engineering | 2 | C | |
| Basic Science Elective | 3-4 | | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15-16 | | |

| Term 2 15 - 31 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  CSE 110: Principles of Programming (CS) | 3 | C | <ul style="list-style-type: none"> • Students with credit for CHM 113 must take CHM 116. • Create a Handshake profile. • Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
|  MAT 266: Calculus for Engineers II (MA) | 3 | C | |
| CHM 114: General Chemistry for Engineers (SQ) OR CHM 116: General Chemistry II (SQ) | 4 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 3 31 - 46 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  CSE 205: Object-Oriented Programming and Data Structures (CS) | 3 | C | <ul style="list-style-type: none"> • Prep for success using the Sophomore Guide. |
|  IEE 210: Introduction to Industrial Engineering | 3 | C | |
| MAT 267: Calculus for Engineers III (MA) | 3 | C | |
| MSE 250: Structure and Properties of Materials | 3 | | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 15 | | |

| | | Minimum | |
|--|--|---------|--|
|--|--|---------|--|

| Term 4 46 - 62 Credit Hours Critical course signified by ⚠ | Hours | Grade | Notes |
|--|-------|-------|---|
| ⚠ ECN 211: Macroeconomic Principles (SB) | 3 | C | <ul style="list-style-type: none"> • Pursue an undergraduate research experience. • Apply for internships. • Attend career fairs and events. |
| ⚠ IEE 380: Probability and Statistics for Engineering Problem Solving (CS) | 3 | C | |
| ⚠ MAT 275: Modern Differential Equations (MA) | 3 | C | |
| ⚠ PHY 121: University Physics I: Mechanics (SQ) | 3 | C | |
| ⚠ PHY 122: University Physics Laboratory I (SQ) | 1 | C | |
| IEE 305: Information Systems Engineering (CS) | 3 | C | |
| Term hours subtotal: | 16 | | |

| Term 5 62 - 77 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ IEE 385: Engineering Statistics: Probability | 3 | C | <ul style="list-style-type: none"> • Plan for success using the Junior Guide. • Network at student organization competitions or professional societies. |
| IEE 300: Economic Analysis for Engineers | 3 | C | |
| MAE 201: Mechanics of Particles and Rigid Bodies I: Statics | 3 | | |
| MAT 242: Elementary Linear Algebra OR MAT 342: Linear Algebra OR MAT 343: Applied Linear Algebra | 2-3 | C | |
| PHY 131: University Physics II: Electricity and Magnetism (SQ) | 3 | | |
| PHY 132: University Physics Laboratory II (SQ) | 1 | | |
| Term hours subtotal: | 15-16 | | |

| Term 6 77 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ IEE 321: Ethics and Technical Communication | 1 | C | <ul style="list-style-type: none"> • Research and prepare for graduate school. • Apply for a Fulton Schools 4+1 program. • Develop a professional profile online. |
| ★ IEE 376: Operations Research Deterministic Techniques/Applications | 3 | C | |
| IEE 369: Work Analysis and Design (L) | 3 | C | |
| Upper Division Career Focus Study Area | 3 | C | |
| Engineering Science Elective | 3-4 | | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 16-17 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ IEE 485: Systems Design Capstone I (L) | 3 | C | <ul style="list-style-type: none"> • Plan for success using the Senior Guide. • Use Handshake to apply for full-time positions. • Complete an in person or virtual practice interview. |
| IEE 470: Stochastic Operations Research | 3 | C | |
| IEE 474: Quality Control | 3 | C | |
| IEE 475: Simulating Stochastic Systems (CS) | 3 | C | |
| Upper Division Career Focus Study Area | 3 | C | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ IEE 486: Systems Design Capstone II (L) | 3 | C | |
| IEE 461: Production Control | 3 | C | |
| Upper Division Career Focus Study Area | 3 | C | |
| Upper Division IEE Technical Elective | 3 | C | |

Term hours subtotal: 12

- Select a minimum of nine credit hours from one of the following Career Focus Study Areas. Students will need to submit a Career Focus Proposal Form prior to taking classes. Please note that some of these courses may require additional prerequisites. All course options should be discussed with an advisor, as classes have prerequisites and are sequential.
- Visit the [CIDSE](#) website for additional information about Career Focus Study Area and Technical Elective courses.

Hide Course List(s)/Track Group(s)

| | | |
|--|--|---|
| Engineering Science Elective | Basic Science Elective | Career Focus Study Area (Computer/Information Systems Engineering) *Students should plan to take MAT 300 as a TE for this focus |
| CEE 384: Numerical Methods for Engineers (CS) | BIO 181: General Biology I (SQ) | |
| CSE 120: Digital Design Fundamentals | BIO 182: General Biology II (SG) | CSE 310: Data Structures and Algorithms |
| CSE 240: Introduction to Programming Languages | BME 111: Engineering Perspectives on Biological Systems | CSE 330: Operating Systems |
| EEE 202: Circuits I | CHM 113: General Chemistry I (SQ) | CSE 360: Introduction to Software Engineering |
| MAE 213: Mechanics of Materials | GLG 101: Introduction to Geology I (Physical) (SQ) | IEE 456: Introduction to Systems Engineering |
| MAE 241: Introduction to Thermodynamics | GLG 102: Introduction to Geology II (Historical) (SG & H) | |
| | GLG 110: Dangerous World (SQ & G) | |
| | PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ) | |
| Career Focus Study Area (Engineering Management) | Career Study Focus Area (Electronics Manufacturing) | Career Focus Study Area (Financial Engineering) |
| IEE 431: Engineering Administration (L) | EEE 352: Properties of Electronic Materials | IEE 412: Introduction to Financial Engineering |
| IEE 454: Risk Management | EEE 435: Fundamentals of CMOS and MEMS | IEE 431: Engineering Administration (L) |
| IEE 456: Introduction to Systems Engineering | EEE 436: Fundamentals of Solid-State Devices | IEE 454: Risk Management |
| IEE 458: Project Management | | |
| Career Focus Study Area (Global Industrial Engineering Leadership) | Career Focus Study Area (Health Care Systems Engineering) | Career Study Focus Area (Industrial Engineering 4+1 Program) |
| ECN 306: Survey of International Economics (SB & G) | IEE 421: Urban Operations Research | Note: Students must be admitted into the 4+1 Program. See your academic advisor for details. |
| MGT 302: Principles of International Business (G) | IEE 426: Operations Research in Healthcare | Three graduate-level courses (IEE 5**) of which two or more are from the Master's Core Class list. |
| MGT 459: International Management (G) | IEE 431: Engineering Administration (L) | |
| Career Focus Study Area (Industrial Statistics) | Career Focus Study Area (Operations Research) | IEE Technical Electives (May not be duplicated with Career Focus Study Area requirement courses) |
| IEE 381: Lean Six Sigma Methodology | IEE 421: Urban Operations Research | CSE 494: Data Mining |
| STP 425: Stochastic Processes | IEE 426: Operations Research in Healthcare | |

STP 429: Applied Regression (CS)

MAT 300: Mathematical Structures (L)

FSE 301: Entrepreneurship and Value Creation

IEE 381: Lean Six Sigma Methodology

IEE 412: Introduction to Financial Engineering

IEE 421: Urban Operations Research

IEE 426: Operations Research in Healthcare

IEE 431: Engineering Administration (L)

IEE 437: Human Factors Engineering

IEE 454: Risk Management

IEE 456: Introduction to Systems Engineering

IEE 458: Project Management

IEE 477: System Dynamics and Thinking

SCM 300: Global Supply Operations

Any 300-level or higher approved Engineering or Business course with Program Chair approval.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.





2020 - 2021 Major Map





Informatics, BS




School/College: [Ira A. Fulton Schools of Engineering](#)

Location: [Tempe campus](#)

ESCPIBS

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  CPI 101: Introduction to Informatics (CS) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, TOEFL or IELTS score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar (ASU 101-CSE) required of all first-year students. • If ENG 105 is taken, a three (3) credit hour elective must also be taken prior to graduation. • Prep for success using the First-Year Student Guide. • Join a Fulton community. • Explore engineering and technical professions. |
|  CSE 110: Principles of Programming (CS) | 3 | C | |
|  MAT 210: Brief Calculus (MA) OR MAT 265: Calculus for Engineers I (MA) | 3 | C | |
| ASU 101-CSE: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  CSE 205: Object-Oriented Programming and Data Structures (CS) | 3 | C | <ul style="list-style-type: none"> • Create a Handshake profile. • Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
|  MAT 242: Elementary Linear Algebra | 2 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 14 | | |

| Term 3 30 - 46 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  CPI 220: Applied Data Structures and Algorithms | 3 | C | <ul style="list-style-type: none"> • Prep for success using the Sophomore Guide. |
|  MAT 243: Discrete Mathematical Structures | 3 | C | |
| IEE 305: Information Systems Engineering (CS) | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 46 - 62 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  CPI 200: Mathematical Foundations of Informatics (MA) | 3 | C | |

| | | |
|---|----|---|
| ❖ CPI 221: Advanced Object-Oriented Principles Using Java | 3 | C |
| Informatics Focus Area | 3 | C |
| Humanities, Arts and Design (HU) | 3 | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | |
| Term hours subtotal: | 16 | |

- Pursue an undergraduate research experience.
- Apply for internships.
- Attend career fairs and events.

| Term 5 62 - 78 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ CPI 360: Decision Making and Problem Solving | 3 | C | <ul style="list-style-type: none"> • Students who plan to pursue the Enterprise Informatics Focus Area will need to take IEE 380 for the CS requirement. • Plan for success using the Junior Guide. • Network at student organization competitions or professional societies. |
| CPI 310: Web-Based Information Management Systems | 3 | C | |
| CSE 301: Computing Ethics | 1 | C | |
| GIS 270: Statistics for Geography and Planning OR IEE 380: Probability and Statistics for Engineering Problem Solving (CS) OR STP 226: Elements of Statistics (CS) OR STP 231: Statistics for Life Science (CS) OR STP 420: Introductory Applied Statistics (CS) | 3 | C | |
| Complete 2 courses: Informatics Focus Area | 6 | C | |
| Term hours subtotal: | 16 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ CPI 350: Evaluation of Informatics Systems | 3 | C | <ul style="list-style-type: none"> • Research and prepare for graduate school. • Develop a professional profile online. |
| CSE 463: Introduction to Human Computer Interaction | 3 | C | |
| Complete 2 courses: Informatics Focus Area | 6 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ CSE 485: Computer Science Capstone Project I (L) | 3 | C | <ul style="list-style-type: none"> • Plan for success using the Senior Guide. • Use Handshake to apply for full-time positions. • Complete an in person or virtual practice interview. |
| Complete 4 courses: Upper Division Informatics Elective | 12 | C | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ CSE 486: Computer Science Capstone Project II (L) | 3 | C | |
| Complete 3 courses: Upper Division Informatics Elective | 9 | C | |
| Term hours subtotal: | 12 | | |

- Informatics Focus Area and Informatics Electives: Select a focus area and complete at least 15 hours in that focus area. Select another 21 hours from the courses on these lists to complete the 36-hour requirement. Students will need to take 21

of the 36 total hours as upper-division (300 or 400-level courses). It is recommended that you work with your academic advisor when making course selections. Visit the [CIDSE website](#) for additional information about Informatics Electives or Focus Area Required Courses.

Hide Course List(s)/Track Group(s)

| Informatics Focus Area (Enterprise Informatics) | Informatics Focus Area (Game Informatics) | Informatics Focus Area (Geo-Informatics) |
|--|--|--|
| Required courses: | Required: | Required: |
| IEE 376: Operations Research Deterministic Techniques/Applications | CPI 111: Game Development I (CS) | GIS 205: Geographic Information Science I (CS) |
| IEE 385: Engineering Statistics: Probability | CPI 211: Game Development II | GIS 211: Geographic Information Science II (CS) |
| IEE 470: Stochastic Operations Research | CPI 311: Game Engine Development | GIS 311: Geographic Information Science III (CS) |
| MAT 266: Calculus for Engineers II (MA) | CPI 321: Fundamentals of Game Art | Select one: |
| Select One: | Select one: | Select two: |
| IEE 421: Urban Operations Research | CPI 411: Graphics for Games | ABS 485: GIS in Natural Resources |
| IEE 426: Operations Research in Healthcare | CPI 421: 3-D Modeling and Texturing | GCU 441: Economic Geography (SB) |
| IEE 461: Production Control | CPI 462: Design for Learning in Virtual Worlds | GCU 442: Geographical Analysis of Transportation (SB) |
| IEE 474: Quality Control | SER 431: Advanced Graphics | GIS 222: Programming Principles in GIS I |
| IEE 475: Simulating Stochastic Systems (CS) | | GIS 322: Programming Principles in GIS II |
| IEE 477: System Dynamics and Thinking | | GIS 341: Cartography and Georepresentation (CS) |
| SCM 300: Global Supply Operations | | GIS 461: Fundamentals of Spatial Optimization |
| | | GIS 462: Location Analysis and Modeling |
| | | GIS 470: Advanced Statistics for Geography and Planning (CS) |
| | | GIS 471: Spatial Statistics for Geography and Planning |
| | | GIS 494: Data Mining and Data-Driven Geography |
| Informatics Focus Area (Digital Culture Studies) | Additional Informatics Electives | |
| Recommended first course is AME 111. | Students may choose from any of the courses not in their selected focus area as Informatics Electives in addition to the courses listed below: | |
| AME 111: Introduction to Digital Culture (CS) | AME 394: Philosophies of Technology | |
| AME 112: Computational Thinking for Digital Culture | BIO 355: Introduction to Computational Molecular Biology (CS) | |
| AME 130: Prototyping Dreams (L) | BIO 411: Quantitative Methods in Conservation and Ecology | |
| AME 220: Programming for the Web | BMI 102: Introduction to Population Health Informatics | |
| AME 230: Programming for the Media Arts (CS) | | |
| AME 240: Introduction to Physical Computing | | |
| AME 3** Elective | | |

| | |
|--|--|
| AME 4** Elective | BMI 201: Introduction to Clinical Informatics |
| ART 116: Introduction to Digital Media | CIS 308: Advanced Excel in Business |
| ART 206: Digital Photography I | CIS 365: Business Database Systems Development |
| ART 217: Introduction to Computer Animation | CPI 394: Special Topics |
| ART 218: 3D Tools | CPI 441: Gaming Capstone |
| ART 308: 2D Digital Animation | CPI 460: Intelligent Interactive Instructional Systems |
| ART 345: Visualization and Prototyping | CPI 484: Internship |
| ART 346: 3-D Computer Imaging and Animation (CS) | CPI 494: Special Topics |
| ART 348: Animation Motion Studies | CSE 220: Programming for Computer Engineering |
| ART 394: 2D Computer Animation for Non-Majors | CSE 240: Introduction to Programming Languages |
| ART 394: Digital Photography for Non-Majors | CSE 259: Logic in Computer Science |
| ART 424: Stop Motion Animation | CSE 294: Algorithmic Problem Solving |
| ART 440: Experimental Video Art | CSE 335: Principles of Mobile Application Development |
| ART 494: Documentary Video Art | CSE 360: Introduction to Software Engineering |
| ART 494: Visual Prototyping | CSE 394: Special Topics |
| CIS 300: Web Design and Development | CSE 408: Multimedia Information Systems |
| CPI 111: Game Development I (CS) | CSE 412: Database Management |
| DCE 294: Hybrid Action: Physical Intelligence in Digital Culture | CSE 434: Computer Networks |
| EDT 440: Creating and Marketing Mobile Apps | CSE 445: Distributed Software Development |
| FMP 225: Introduction to Visual Effects | CSE 446: Software Integration and Engineering |
| FMP 240: Introduction to Animation for Film | CSE 460: Software Analysis and Design |
| FMP 255: Media Authorship (CS) | CSE 464: Software Quality Assurance and Testing |
| FMP 294: Sound Design: From Hollywood to Independent Film | CSE 470: Computer Graphics |
| FMP 394: Non-Linear Editing for Film and Media | CSE 471: Introduction to Artificial Intelligence |
| GIT 135: Graphic Communications | CSE 476: Introduction to Natural Language Processing |
| GIT 215: Introduction to Web Authoring | CSE 477: Introduction to Computer-Aided Geometric Design |
| GIT 230: Digital Illustration in Publishing | CSE 494: Special Topics |
| GRA 294: InDesign | EDT 494: Introduction to Computer Science for Educators |
| IAP 103: Foundations I: Interdisciplinary Digital Media | |
| IAP 104: Foundations I: Fundamentals of Sound Art | |
| MDC 211: Introduction to Digital Sound | |
| MDC 311: Composing and Performing for Hybrid Ensembles | |

FSE 301: Entrepreneurship and Value
Creation

GIT 335: Computer Systems Technology

GRA 294: Photoshop

HSE 101: Introduction to Human Systems
Engineering (SB)

IEE 385: Engineering Statistics: Probability

MAE 318: System Dynamics and Control I

MAE 417: System Dynamics and Control II

MAT 267: Calculus for Engineers III (MA)

MAT 275: Modern Differential Equations
(MA)

MAT 300: Mathematical Structures (L)

MAT 421: Applied Computational Methods
(CS)

SER 216: Software Enterprise: Personal
Process and Quality

SER 316: Software Enterprise: Construction
and Transition

SER 334: Operating Systems and System
Programming

SOC 334: Technology and Society (L or SB)

STS 304: Science Technology and Society
(SB)

TEL 313: Technology in an Educational
Setting

TWC 414: Visualizing Data and Information

TWC 444: User Experience

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map




Information Technology, BS




School/College: [Ira A. Fulton Schools of Engineering](#)

Location: [Polytechnic campus](#)

TSIFTBS

| Term 1 0 - 13 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  ASU 101-TPS: The ASU Experience OR FSE 310: Transfer Success in Engineering | 1 | | <ul style="list-style-type: none"> ASU 101 is required of all first-year students; FSE 310 is required for all new transfer students; LIA 294 is highly recommended for all new veteran students. An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. Mathematics Placement Assessment score determines placement in mathematics course. Prep for success using the First-Year Student Guide. Join a Fulton community. Explore engineering and technical professions. |
|  IFT 101: Information Technology Programming Logic | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| HSE 101: Introduction to Human Systems Engineering (SB) | 3 | C | |
| IFT 103: Operating System Architecture | 3 | C | |
| Term hours subtotal: | 13 | | |

| Term 2 13 - 28 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  IFT 166: Introduction to Internet Networking | 3 | C | <ul style="list-style-type: none"> Create a Handshake profile. Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| IFT 200: Information Modeling, Storage and Retrieval | 3 | C | |
| IFT 210: Introduction to Java Technologies | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 3 28 - 44 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  IFT 250: Introduction to UNIX Utilities | 3 | C | <ul style="list-style-type: none"> Prep for success using the Sophomore Guide. |
| IFT 202: Foundations of Information and Computer System Security | 3 | C | |
| MAT 210: Brief Calculus (MA) | 3 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
|  Complete MAT 210 course(s). | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 44 - 60 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  IFT 266: Network Information Communication Technology | 3 | C | |

| | | |
|---|----|---|
| HSE 230: Statistics for Human Systems Research I (CS) | 3 | C |
| IFT 220: Managing Configurations and Active Directory | 3 | C |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | |
| Social-Behavioral Sciences (SB) | 3 | |
| Term hours subtotal: | 16 | |

- Pursue an **undergraduate research experience**.
- Apply for **internships**.
- Attend **career fairs and events**.

| Term 5 60 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ IFT 301: Web Programming for Human Computer Interface | 3 | C | <ul style="list-style-type: none"> • Plan for success using the Junior Guide. • Network at student organization competitions or professional societies. |
| IFT 310: Information Systems Project Development | 3 | C | |
| IFT 320: Managing the Cloud | 3 | C | |
| MAT 211: Mathematics for Business Analysis | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ IFT 360: Applications in Artificial Intelligence | 3 | C | <ul style="list-style-type: none"> • A secondary focus area is a group of courses comprising of 12 or more credit hours (at least six must be at the upper-division level) which form a coherent theme. • Research and prepare for graduate school. • Apply for a Fulton Schools 4+1 program. • Develop a professional profile online. |
| IFT 381: Information System Security | 3 | C | |
| Complete 2 courses: Upper Division Primary Focus Area | 6 | C | |
| Secondary Focus Area | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ IFT 401: Information Technology Capstone Project I | 3 | C | <ul style="list-style-type: none"> • A secondary focus area is a group of courses comprising of 12 or more credit hours (at least six must be at the upper-division level) which form a coherent theme. • Plan for success using the Senior Guide. • Use Handshake to apply for full-time positions. • Complete an in person or virtual practice interview. |
| IFT 372: Wireless Fundamentals | 3 | C | |
| IFT 383: Shell and Script Programming with UNIX | 3 | C | |
| Primary Focus Area | 3 | C | |
| Secondary Focus Area | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ IFT 402: Information Technology Capstone Project II | 3 | | <ul style="list-style-type: none"> • A secondary focus area is a group of courses comprising of 12 or more credit hours (at least six must be at the upper-division level) which form a coherent theme. |
| HST 318: History of Engineering ((L or SB) & G) | 3 | | |
| Upper Division Primary Focus Area | 3 | C | |
| Upper Division Secondary Focus Area | 3 | | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 15 | | |

- Students choose one primary focus area (12 credit hours). Students must take primary focus area courses sequentially in order to meet the prerequisites of subsequent upper-division courses.
- Additional Focus Areas may be available; please check with your academic advisor for more information.

Hide Course List(s)/Track Group(s)

| Networking and Security Focus Area | Information Systems Focus Area |
|--|--|
| IFT 366: TCP/IP and Routing | IFT 410: Big Data Tools and Practices |
| IFT 475: Security Analysis | IFT 433: Intermediate Database Management Systems |
| IFT 482: Network Forensics | IFT 458: Middleware Programming and Database Security |
| IFT 483: Developing Security Policy | IFT 494: Managing Intelligent Devices in an Enterprise Env |
| IFT 488: Systems Administration of UNIX | |
| IFT 494: Managing Intelligent Devices in an Enterprise Env | |

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map

Information Technology, BS



School/College: [Ira A. Fulton Schools of Engineering](#)



Location: [Online](#)



TSIFTBS



| Term 1 - A 0 - 7 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  ASU 101-TPS: The ASU Experience OR FSE 310: Transfer Success in Engineering | 1 | | <ul style="list-style-type: none"> ASU 101 is required of all first-year students; FSE 310 is required for all new transfer students; LIA 294 is highly recommended for all new veteran students. An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. Mathematics Placement Assessment score determines placement into mathematics course. Prep for success using the First-Year Student Guide. Join a Fulton community. Explore engineering and technical professions. |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| IFT 101: Information Technology Programming Logic | 3 | C | |
| Term hours subtotal: | 7 | | |



| Term 1 - B 7 - 13 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| HSE 101: Introduction to Human Systems Engineering (SB) | 3 | C | <ul style="list-style-type: none"> View ASU Online first-year student registration information here. |
| IFT 103: Operating System Architecture | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 2 - A 13 - 22 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  IFT 166: Introduction to Internet Networking | 3 | C | <ul style="list-style-type: none"> Create a Handshake profile. Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| IFT 200: Information Modeling, Storage and Retrieval | 3 | C | |
| Term hours subtotal: | 9 | | |

| Term 2 - B 22 - 28 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| IFT 210: Introduction to Java Technologies | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 3 - A 28 - 34 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  IFT 250: Introduction to UNIX Utilities | 3 | C | <ul style="list-style-type: none"> Prep for success using the Sophomore Guide. |
| MAT 210: Brief Calculus (MA) | 3 | C | |
| Term hours subtotal: | 6 | | |



| Term 3 - B 34 - 44 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| IFT 202: Foundations of Information and Computer System Security | 3 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
|  Complete MAT 210 course(s). | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 10 | | |

| Term 4 - A 44 - 50 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  IFT 266: Network Information Communication Technology | 3 | C | <ul style="list-style-type: none"> • Pursue an undergraduate research experience. • Apply for internships. • Attend career fairs and events. |
| HSE 230: Statistics for Human Systems Research I (CS) | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 4 - B 50 - 60 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| IFT 220: Managing Configurations and Active Directory | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 10 | | |

| Term 5 - A 60 - 69 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  IFT 301: Web Programming for Human Computer Interface | 3 | C | <ul style="list-style-type: none"> • Plan for success using the Junior Guide. • Network at student organization competitions or professional societies. |
| IFT 310: Information Systems Project Development | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 5 - B 69 - 75 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| IFT 320: Managing the Cloud | 3 | C | |
| MAT 211: Mathematics for Business Analysis | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - A 75 - 81 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  IFT 360: Applications in Artificial Intelligence | 3 | C | <ul style="list-style-type: none"> • Research and prepare for graduate school. • Apply for a Fulton Schools 4+1 program. • Develop a professional profile online. |
| Primary Focus Area | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 81 - 90 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| IFT 381: Information System Security | 3 | C | <ul style="list-style-type: none"> • A secondary focus area is a group of courses comprising of 12 or more credit hours (at least six must be at the upper-division level) which form a coherent theme. |
| Upper Division Primary Focus Area | 3 | C | |
| Secondary Focus Area | 3 | | |
|  Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |

Term hours subtotal: 9

| Term 7 - A 90 - 99 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ IFT 401: Information Technology Capstone Project I | 3 | C | <ul style="list-style-type: none"> • A secondary focus area is a group of courses comprising of 12 or more credit hours (at least six must be at the upper-division level) which form a coherent theme. • Plan for success using the Senior Guide. • Use Handshake to apply for full-time positions. • Complete an in person or virtual practice interview. |
| IFT 372: Wireless Fundamentals | 3 | C | |
| Secondary Focus Area | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 7 - B 99 - 105 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| IFT 383: Shell and Script Programming with UNIX | 3 | C | |
| Upper Division Primary Focus Area | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 105 - 111 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ IFT 402: Information Technology Capstone Project II | 3 | | |
| HST 318: History of Engineering ((L or SB) & G) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 111 - 120 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| Upper Division Primary Focus Area | 3 | C | <ul style="list-style-type: none"> • A secondary focus area is a group of courses comprising of 12 or more credit hours (at least six must be at the upper-division level) which form a coherent theme. |
| Upper Division Secondary Focus Area | 3 | | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 9 | | |

- Students choose one primary focus area (12 hours). Students must take primary focus area courses sequentially in order to meet the prerequisites of subsequent upper-division courses.
- Additional Focus Areas may be available; please check with your academic advisor for more information.

Hide Course List(s)/Track Group(s)

| | |
|--|--|
| Networking and Security Focus Area | Information Systems Focus Area |
| IFT 366: TCP/IP and Routing | IFT 410: Big Data Tools and Practices |
| IFT 475: Security Analysis | IFT 433: Intermediate Database Management Systems |
| IFT 482: Network Forensics | IFT 458: Middleware Programming and Database Security |
| IFT 483: Developing Security Policy | IFT 494: Managing Intelligent Devices in an Enterprise Env |
| IFT 488: Systems Administration of UNIX | |
| IFT 494: Managing Intelligent Devices in an Enterprise Env | |

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map





Manufacturing Engineering, BS




School/College: [Ira A. Fulton Schools of Engineering](#)

Location: [Polytechnic campus](#)

TSMEGRBS

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  ASU 101-TPS: The ASU Experience OR FSE 310: Transfer Success in Engineering | 1 | | <ul style="list-style-type: none"> ASU 101 is required of all first-year students; FSE 310 is required for all new transfer students; LIA 294 is highly recommended for all new veteran students. An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses Mathematics Placement Assessment score determines placement in mathematics course Prep for success using the First-Year Student Guide. Join a Fulton community. Explore engineering and technical professions. |
|  EGR 101: Foundations of Engineering Design Project I | 3 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 265: Calculus for Engineers I (MA) | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  EGR 102: Foundations of Engineering Design Project II | 3 | | <ul style="list-style-type: none"> Create a Handshake profile. Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
| CHM 113: General Chemistry I (SQ) | 4 | C | |
| EGR 104: Critical Inquiry in Engineering (L) OR TWC 104: Critical Inquiry in Engineering (L) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 266: Calculus for Engineers II (MA) | 3 | C | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Complete MAT 265 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 47 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  EGR 201: Use-Inspired Design Project I | 3 | C | <ul style="list-style-type: none"> Prep for success using the Sophomore Guide. |
| EGR 216: Engineering Electrical Fundamentals | 3 | C | |
| EGR 218: Materials and Manufacturing Processes | 3 | C | |
| MAT 267: Calculus for Engineers III (MA) | 3 | C | |
| PHY 121: University Physics I: Mechanics (SQ) | 3 | C | |
|  Complete MAT 266 course(s). | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 15 | | |

| Term 4 47 - 62 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|---|----|---|
| 🚩 EGR 202: Use-Inspired Design Project II | 3 | C |
| 🚩 EGR 280: Engineering Statistics (CS) | 3 | C |
| EGR 217: Engineering Mechanics Fundamentals | 3 | C |
| EGR 219: Computational Modeling of Engineering Systems | 3 | C |
| MAT 275: Modern Differential Equations (MA) | 3 | C |
| 🚩 Complete EGR 216 AND EGR 217 AND EGR 218 AND EGR 219 course(s). | | |
| 🚩 Complete MAT 267 course(s). | | |
| Term hours subtotal: | 15 | |

- Pursue an undergraduate research experience.
- Attend career fairs and events.

| Term 5 62 - 78 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ MFG 308: Manufacturing System Project I | 3 | C | <ul style="list-style-type: none"> • Plan for success using the Junior Guide. • Network at student organization competitions or professional societies. |
| ★ MFG 382: Modeling of Manufacturing Systems I | 3 | C | |
| CHM 116: General Chemistry II (SQ) | 4 | C | |
| MFG 381: Manufacturing Processes and Validation Lab | 3 | C | |
| MFG 383: Communications in a Production Environment | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ MFG 318: Manufacturing Systems Project II | 3 | C | <ul style="list-style-type: none"> • Research and prepare for graduate school. • Apply for an engineering 4+1 program. • Develop a professional profile online. • Begin looking for internships. |
| HST 318: History of Engineering ((L or SB) & G) | 3 | | |
| MAT 343: Applied Linear Algebra | 3 | | |
| MFG 385: Design for Manufacturing | 3 | | |
| MFG 387: Industrial Automation | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ EGR 401: Professional Design Project I (L) | 3 | C | <ul style="list-style-type: none"> • Plan for success using the Senior Guide. • Use Handshake to apply for full-time positions. • Complete an in person or virtual practice interview. |
| ★ MFG 482: Materials Science in Manufacturing | 4 | | |
| Upper Division Technical Elective | 2 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 12 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ EGR 402: Professional Design Project II | 3 | | |
| MFG 461: Manufacturing Enterprise Operations | 3 | | |
| MFG 480: Advanced Statistical Approaches for Manufacturing | 3 | | |
| Upper Division Technical Elective | 3 | | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 15 | | |

Hide Course List(s)/Track Group(s)

Technical Electives

EGR 370: Welding Survey

EGR 380: Advanced Computer Aided Design and Drafting (CADD) and Solid Modeling

EGR 431: Power Management

EGR 476: Microgrid Design and Operation

EGR 494: Integration of Automation Systems

MFG 472: Additive Manufacturing

MFG 485: Engineering Internship

MFG 486: CNC Computer Programming

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map








Materials Science and Engineering, BSE



School/College: [Ira A. Fulton Schools of Engineering](#)

Location: [Tempe campus](#)

ESMSEBSE

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  MAT 265: Calculus for Engineers I (MA) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • FSE 100 is required for first-year students and should be completed in the first semester. Non-first year students: see advisor for petitioning replacement electives. • If students take ENG 105, a 3 credit hour applicable elective must also be taken prior to graduation. See advisor. • Prep for success using the First-Year Student Guide. • Join a Fulton community. • Explore engineering and technical professions. |
| ASU 101-MSE: The ASU Experience | 1 | | |
| CHM 114: General Chemistry for Engineers (SQ) OR CHM 116: General Chemistry II (SQ) | 4 | C | |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| FSE 100: Introduction to Engineering | 2 | | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  MAT 266: Calculus for Engineers II (MA) | 3 | C | <ul style="list-style-type: none"> • Create a Handshake profile. • Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
|  PHY 121: University Physics I: Mechanics (SQ) | 3 | C | |
|  PHY 122: University Physics Laboratory I (SQ) | 1 | C | |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| MSE 250: Structure and Properties of Materials | 3 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
|  Complete CHM 114 OR CHM 116 course(s). | | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 48 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  MAT 267: Calculus for Engineers III (MA) | 3 | C | |

| | | |
|---|-------|---|
| ⚠️ PHY 131: University Physics II: Electricity and Magnetism (SQ) | 3 | C |
| ⚠️ PHY 132: University Physics Laboratory II (SQ) | 1 | C |
| MSE 215: Materials Synthesis | 3 | |
| Math or Science Elective | 3-4 | |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | |
| ⚠️ Complete MSE 250 course(s). | | |
| ⚠️ Minimum 2.00 GPA ASU Cumulative. | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 16-17 | |

- For additional information about Math or Science Electives, please go to: [Math or Science Electives](#).
- Prep for success using the [Sophomore Guide](#).

| Term 4 48 - 63 Credit Hours Critical course signified by ⚠️ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ⚠️ MAT 275: Modern Differential Equations (MA) | 3 | C | |
| ⚠️ MAT 343: Applied Linear Algebra | 3 | C | |
| ⚠️ MSE 211: Introduction to Mechanics of Materials | 3 | C | |
| IEE 380: Probability and Statistics for Engineering Problem Solving (CS) | 3 | | |
| Advanced Science Elective | 3 | | |
| ⚠️ Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

- For additional information about Advanced Science Electives options, please go to: [Advanced Science Electives](#).
- Pursue an [undergraduate research experience](#).
- Apply for [internships](#).
- Attend [career fairs and events](#).

| Term 5 63 - 79 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ MSE 355: Structure and Defects | 3 | C | |
| MSE 330: Thermodynamics of Materials | 3 | | |
| MSE 356: Structures, Properties, and Defects Lab | 1 | | |
| MSE 415: Mathematical and Computer Methods in Materials (CS) | 3 | | |
| MSE 457: Quantum Mechanics for Understanding Properties of Atoms and Solids | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 16 | | |

- Plan for success using the [Junior Guide](#).
- Network at [student organization](#) competitions or professional societies.

| Term 6 79 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ MSE 335: Materials Kinetics | 3 | | |
| MSE 421: Physical Metallurgy Laboratory | 1 | | |
| MSE 450: Introduction to Materials Characterization | 3 | | |
| MSE 451: Introduction to Materials Characterization Lab | 1 | | |
| MSE 458: Electronic, Magnetic, and Optical Properties | 3 | | |
| Upper Division Materials Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 14 | | |

- For additional information about Materials Elective options, please go to: [Materials Elective](#).
- Research and prepare for [graduate school](#).
- Apply for an [engineering 4+1 program](#).
- Develop a [professional profile online](#).

| Term 7 93 - 106 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ MSE 489: Capstone Design Project I (L) | 1 | | |
| MSE 440: Mechanical Behavior of Materials | 3 | | |

- For additional information about Materials Elective options, please go to: [Materials Elective](#).

| | |
|---|----|
| MSE 482: Materials Engineering Design (L) | 3 |
| <i>Complete 2 courses:</i> | |
| Upper Division Materials Elective | 6 |
| Term hours subtotal: | 13 |

- Plan for success using the [Senior Guide](#).
- Use [Handshake](#) to apply for full-time positions.
- Complete an in person or virtual [practice interview](#).

| Term 8 106 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ MSE 490: Capstone Design Project II (L) | 2 | | <ul style="list-style-type: none"> • For additional information about Advanced Science Electives and Technical Electives, please go to: Advanced Science Electives and Technical Electives. |
| Advanced Science Elective | 3 | | |
| <i>Complete 2 courses:</i> | | | |
| Technical Elective | 6 | | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 14 | | |

- For more information about course options for Math or Science Electives, Materials Electives, Advanced Science Electives, or Technical Electives, please go to: [MSE Elective Course Options](#).

Hide Course List(s)/Track Group(s)

| Math or Science Elective | Advanced Science Elective | Materials Elective |
|--|--|---|
| AST 111: Introduction to Solar Systems Astronomy (SQ) | ABS 225: Soils (SQ) | Please choose three courses from the following options: BME 318: Biomaterials MSE 420: Physical Metallurgy MSE 470: Polymers and Composites MSE 471: Introduction to Ceramics MSE 494: Polymer Synthesis Characterization & Processing |
| AST 112: Introduction to Stars Galaxies and Cosmology (SQ) | ABS 350: Applied Statistics (CS) | |
| BIO 130: Introduction to Environmental Science (SQ) | AST 321: Introduction to Planetary and Stellar Astrophysics (SQ) | |
| BIO 201: Human Anatomy and Physiology I (SG) | AST 322: Introduction to Galactic and Extragalactic Astrophysics (SQ) | |
| CHM 113: General Chemistry I (SQ) | AST 421: Astrophysics I | |
| CHM 231: Elementary Organic Chemistry (SQ) | BCH 341: Physical Chemistry with a Biological Focus | |
| CHM 233: General Organic Chemistry I | BCH 361: Advanced Principles of Biochemistry | |
| GLG 101: Introduction to Geology I (Physical) (SQ) | BIO 201: Human Anatomy and Physiology I (SG) | |
| MAT 211: Mathematics for Business Analysis | BIO 320: Fundamentals of Ecology | |
| MAT 243: Discrete Mathematical Structures | CHM 231: Elementary Organic Chemistry (SQ) or CHM 233: General Organic Chemistry I | |
| PHY 201: Mathematical Methods in Physics I (CS) | CHM 302: Environmental Chemistry | |
| Advanced Science Elective | CHM 325: Analytical Chemistry | |
| Contact your advisor for additional course options to be reviewed through department petition. | CHM 341: Elementary Physical Chemistry | |
| | CHM 345: Physical Chemistry I | |
| | CHM 346: Physical Chemistry II | |

CHM 433: Advanced Organic Chemistry I

ENV 410: Soil Science

GLG 404: Fundamentals of Planetary Geology

GLG 418: Geophysics

PHY 201: Mathematical Methods in Physics I (CS)

PHY 334: Advanced Laboratory I (L)

PHY 361: Introductory Modern Physics

Contact your advisor for additional course options to be reviewed through department petition.

Technical Electives

CEE 353: Civil Engineering Materials

CHE 211: Introduction to Chemical Processing

CHE 494: Special Topics

CIS 310: Business Data Visualization

EEE 202: Circuits I

EEE 241: Fundamentals of Electromagnetics

EEE 352: Properties of Electronic Materials

EEE 435: Fundamentals of CMOS and MEMS

EEE 436: Fundamentals of Solid-State Devices

EEE 460: Nuclear Power Engineering

EEE 465: Photovoltaic Energy Conversion

EGR 219: Computational Modeling of Engineering Systems

FSE 301: Entrepreneurship and Value Creation

FSE 404: EPICS Gold: EPICS in Action

IEE 300: Economic Analysis for Engineers

IEE 369: Work Analysis and Design (L)

IEE 385: Engineering Statistics: Probability

IEE 437: Human Factors Engineering

IEE 474: Quality Control

MAE 494: Special Topics

MAT 300: Mathematical Structures (L)

MEE 322: Structural Mechanics

MEE 342: Principles of Mechanical Design

MSE 484: Internship

MSE 494: Special Topics

PUP 442: Environmental Planning

SES 311: Essentials of Astrobiology:
Exploration for Life in the Universe

Advanced Science Elective

For MSE 492/493/498/499 courses please
work with your advisor for prior approval.

Contact your advisor for additional course
options to be reviewed through department
petition.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map








Mechanical Engineering, BSE




School/College: [Ira A. Fulton Schools of Engineering](#)

Location: [Tempe campus](#)

ESMAEMBSE

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  MAT 265: Calculus for Engineers I (MA) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • FSE 100 is required for first-year students and should be completed the first semester. Non-first year students: see advisor for petitioning replacement electives. • If ENG 105 is taken, a 3 hour applicable elective must also be taken prior to graduation. See advisor. • Prep for success using the First-Year Student Guide. • Join a Fulton community. • Explore engineering and technical professions. |
| ASU 101-MEE: The ASU Experience | 1 | | |
| CHM 114: General Chemistry for Engineers (SQ) OR CHM 116: General Chemistry II (SQ) | 4 | C | |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| FSE 100: Introduction to Engineering | 2 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • Create a Handshake profile. • Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
|  MAT 242: Elementary Linear Algebra | 2 | C | |
|  MAT 266: Calculus for Engineers II (MA) | 3 | C | |
|  PHY 121: University Physics I: Mechanics (SQ) | 3 | C | |
|  PHY 122: University Physics Laboratory I (SQ) | 1 | C | |
| MAE 215: Introduction to Programming in MATLAB | 1 | C | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). Term hours subtotal: | 16 | | |

| Term 3 32 - 46 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  MAE 201: Mechanics of Particles and Rigid Bodies I: Statics | 3 | C | <ul style="list-style-type: none"> • Prep for success using the Sophomore Guide. |
|  MAT 267: Calculus for Engineers III (MA) | 3 | C | |

| | | |
|--|----|---|
| 🚩 MAT 275: Modern Differential Equations (MA) | 3 | C |
| 🚩 PHY 131: University Physics II: Electricity and Magnetism (SQ) | 3 | C |
| MAE 214: Computer-Aided Engineering I | 1 | C |
| PHY 132: University Physics Laboratory II (SQ) | 1 | C |
| 🚩 Complete CHM 114 OR CHM 116 course(s). | | |
| 🚩 Minimum 2.00 GPA ASU Cumulative. | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 14 | |

| Term 4 46 - 62 Credit Hours Critical course signified by 🚩 | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| 🚩 MAE 202: Mechanics of Particles and Rigid Bodies II: Dynamics | 3 | C | <ul style="list-style-type: none"> Pursue an undergraduate research experience. Apply for internships. Attend career fairs and events. |
| 🚩 MAE 213: Mechanics of Materials | 3 | C | |
| 🚩 MAE 241: Introduction to Thermodynamics | 3 | C | |
| EEE 202: Circuits I | 4 | C | |
| MAE 384: Advanced Mathematical Methods for Engineers (CS) | 3 | C | |
| Term hours subtotal: | 16 | | |

| Term 5 62 - 78 Credit Hours Necessary course signified by ⭐ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ⭐ MEE 322: Structural Mechanics | 4 | C | <ul style="list-style-type: none"> Plan for success using the Junior Guide. Network at student organization competitions or professional societies. |
| MAE 242: Introduction to Fluid Mechanics | 3 | C | |
| MAE 301: Applied Experimental Statistics | 3 | C | |
| MSE 250: Structure and Properties of Materials | 3 | C | |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by ⭐ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ⭐ MEE 342: Principles of Mechanical Design | 3 | C | <ul style="list-style-type: none"> Research and prepare for graduate school. Apply for an engineering 4+1 program. Develop a professional profile online. |
| MAE 318: System Dynamics and Control I | 4 | C | |
| MAE 400: Engineering Profession (L) | 3 | C | |
| MEE 323: Computer-Aided Engineering II | 2 | C | |
| MEE 340: Heat Transfer | 3 | C | |
| ⭐ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by ⭐ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ⭐ MEE 488: Mechanical Engineering Design I | 3 | C | <ul style="list-style-type: none"> For additional information about Upper Division Technical Electives, please go to: Upper Division Technical Electives. Plan for success using the Senior Guide. Use Handshake to apply for full-time positions. Complete an in person or virtual practice interview. |
| MAE 417: System Dynamics and Control II | 3 | C | |
| MEE 491: Experimental Mechanical Engineering (L) | 3 | C | |
| Upper Division Technical Elective | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 15 | | |

| | | | |
|--|--|---------|--|
| | | Minimum | |
|--|--|---------|--|

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Grade | Notes |
|---|-------|-------|---|
| ★ MEE 489: Mechanical Engineering Design II | 3 | C | • For additional information about Upper Division Technical Electives, please go to: Upper Division Technical Electives . |
| <i>Complete 2 courses:</i> | | | |
| Upper Division Technical Elective | 6 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 12 | | |

- For additional information about Upper Division Technical Electives please go to: [Upper Division Technical Electives](#).

Hide Course List(s)/Track Group(s)

| Upper Division Technical Electives | Upper Division Technical Electives continued |
|---|---|
| AEE OR MAE OR MEE Upper Division Elective | MAT 300: Mathematical Structures (L) |
| AST 321: Introduction to Planetary and Stellar Astrophysics (SQ) | MAT 310: Introduction to Geometry |
| AST 322: Introduction to Galactic and Extragalactic Astrophysics (SQ) | MAT 371: Advanced Calculus I |
| BME 300: Bioengineering Product Design | MAT 420: Scientific Computing |
| BME 316: Biomechanics for Biomedical Engineers | MAT 421: Applied Computational Methods (CS) |
| BME 318: Biomaterials | MAT 423: Numerical Analysis I (CS) |
| BME 350: Signals and Systems for Bioengineers | MAT 425: Numerical Analysis II (CS) |
| BME 494: Bioenergy and Microbial Biotechnology | MAT 451: Mathematical Modeling (CS) |
| CEE 361: Introduction to Environmental Engineering | MAT 461: Applied Complex Analysis |
| CEE 372: Transportation Engineering | MAT 462: Applied Partial Differential Equations |
| CEE 440: Hydrology | MSE 330: Thermodynamics of Materials |
| CEE 494: Energy Efficient Buildings and Systems | MSE 355: Structure and Defects |
| CEE 494: Sustainable Energy and Material Use | MSE 440: Mechanical Behavior of Materials |
| CEE 494: Sustainable Energy Technologies | MSE 450: Introduction to Materials Characterization |
| CHE 468: Polymer Principles and Processing | MSE 460: Nanomaterials in Energy Production and Storage |
| CHE 473: Fuel Cells and Biofuel Cells | MSE 476: Growth and Processing of Semiconductors |
| CHE 478: Biomass Energy Conversion Technology | MSE 494: Bioinspired Materials and Biomaterials |
| CHE 494: Nanobiotechnology | MSE 494: Electrochemical Energy Storage and Conversion |
| | MSE 494: Failure Analysis of Metallic Materials |

| | |
|--|--|
| CHE 494: Six Sigma Methodology/Engineering Experimentation | MSE 494: Intro to FEA for Matl Design and Characterization |
| CHM 302: Environmental Chemistry | MSE 494: Manufacturing Processes for Structural Materials |
| CHM 325: Analytical Chemistry | PHY 310: Classical Particles Fields and Matter I |
| EEE 304: Signals and Systems II | PHY 361: Introductory Modern Physics |
| EEE 333: Hardware Design Languages and Programmable Logic | SES 311: Essentials of Astrobiology: Exploration for Life in the Universe |
| EEE 334: Circuits II | SES 350: Engineering Systems and Experimental Problem Solving |
| EEE 350: Random Signal Analysis | SES 407: Space Works II: Model Fabricate and Test |
| EEE 360: Energy Systems and Power Electronics | SES 494: Modeling and Analysis of Space Thermal Systems |
| EEE 407: Digital Signal Processing | By approval only: |
| EEE 434: Quantum Mechanics for Engineers | MAE 484: Internship |
| EEE 460: Nuclear Power Engineering | MAE 492: Honors Directed Study |
| EEE 463: Electrical Power Plants | MAE 493: Honors Thesis (L) |
| EEE 480: Feedback Systems | MAE 498: Pro-Seminar or MAE 499: Individualized Instruction |
| EEE 481: Computer-Controlled Systems | *Students who do not meet the enrollment requirements for these courses may be allowed to enroll with instructor consent. Courses not listed here require a department petition form. To take any 494 class please check with your advisor first. A max of 3 credits from MAE 484/498/499 can be applied toward the TE requirements. |
| EEE 498: Science and Technology of Solar Cell Fabrication | Students may only apply ONE (1) course from the list below: |
| EGR 433: Transforms and Systems Modeling | CEE 400: Earth Systems Engineering and Management ((L or HU) & H) |
| EGR 455: Robotic Systems I | EGR 317: Humanitarian Engineering Project II |
| EGR 456: Robotic Systems II | FSE 301: Entrepreneurship and Value Creation |
| EGR 494: Engineering in Semiconductors and Microelectronics | FSE 394: Engineering in Global Context |
| EVE 302: Environmental Engineering Fundamentals: Physical and Chemical Processes | IEE 300: Economic Analysis for Engineers |
| GLG 418: Geophysics | IEE 431: Engineering Administration (L) |
| IEE 305: Information Systems Engineering (CS) | IEE 437: Human Factors Engineering |
| IEE 376: Operations Research Deterministic Techniques/Applications | MAE 394: Aeronautics in England |

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map








Mechanical Engineering (Computational Mechanics), BSE




School/College: [Ira A. Fulton Schools of Engineering](#)

Location: [Tempe campus](#)

ESMAECBSE

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  MAT 265: Calculus for Engineers I (MA) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • FSE 100 is required for first-year students and should be completed the first semester. Non-first year students: see advisor for petitioning replacement electives. • If ENG 105 is taken, a 3 hour applicable elective must also be taken prior to graduation. See advisor. • Prep for success using the First-Year Student Guide. • Join a Fulton community. • Explore engineering and technical professions. |
| ASU 101-MEE: The ASU Experience | 1 | | |
| CHM 114: General Chemistry for Engineers (SQ) OR CHM 116: General Chemistry II (SQ) | 4 | C | |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| FSE 100: Introduction to Engineering | 2 | C | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • Create a Handshake profile. • Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
|  MAT 242: Elementary Linear Algebra | 2 | C | |
|  MAT 266: Calculus for Engineers II (MA) | 3 | C | |
|  PHY 121: University Physics I: Mechanics (SQ) | 3 | C | |
|  PHY 122: University Physics Laboratory I (SQ) | 1 | C | |
| MAE 215: Introduction to Programming in MATLAB | 1 | C | |
| PHI 103: Principles of Sound Reasoning (L or HU) | 3 | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 46 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  MAE 201: Mechanics of Particles and Rigid Bodies I: Statics | 3 | C | <ul style="list-style-type: none"> • Prep for success using the Sophomore Guide. |
|  MAT 267: Calculus for Engineers III (MA) | 3 | C | |

| | | |
|--|----|---|
| ⚠ MAT 275: Modern Differential Equations (MA) | 3 | C |
| ⚠ PHY 131: University Physics II: Electricity and Magnetism (SQ) | 3 | C |
| MAE 214: Computer-Aided Engineering I | 1 | C |
| PHY 132: University Physics Laboratory II (SQ) | 1 | C |
| ⚠ Complete CHM 114 OR CHM 116 course(s). | | |
| ⚠ Minimum 2.00 GPA ASU Cumulative. | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 14 | |

| Term 4 46 - 62 Credit Hours Critical course signified by ⚠ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ⚠ MAE 202: Mechanics of Particles and Rigid Bodies II: Dynamics | 3 | C | <ul style="list-style-type: none"> Pursue an undergraduate research experience. Apply for internships. Attend career fairs and events. |
| ⚠ MAE 213: Mechanics of Materials | 3 | C | |
| ⚠ MAE 241: Introduction to Thermodynamics | 3 | C | |
| EEE 202: Circuits I | 4 | C | |
| MAE 384: Advanced Mathematical Methods for Engineers (CS) | 3 | C | |
| Term hours subtotal: | 16 | | |

| Term 5 62 - 78 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ MEE 322: Structural Mechanics | 4 | C | <ul style="list-style-type: none"> Plan for success using the Junior Guide. Network at student organization competitions or professional societies. |
| CSE 100: Principles of Programming with C++ (CS) OR CSE 110: Principles of Programming (CS) | 3 | C | |
| MAE 242: Introduction to Fluid Mechanics | 3 | C | |
| MAE 301: Applied Experimental Statistics | 3 | C | |
| MSE 250: Structure and Properties of Materials | 3 | C | |
| Term hours subtotal: | 16 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ MEE 342: Principles of Mechanical Design | 3 | C | <ul style="list-style-type: none"> Research and prepare for graduate school Apply for an engineering 4+1 program. Develop a professional profile online. |
| MAE 318: System Dynamics and Control I | 4 | C | |
| MEE 323: Computer-Aided Engineering II | 2 | C | |
| MEE 340: Heat Transfer | 3 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ MEE 488: Mechanical Engineering Design I | 3 | C | <ul style="list-style-type: none"> For additional information regarding Upper Division Computational Mechanics Technical Electives, please go to: Upper Division Computational Mechanics Technical Electives. Plan for success using the Senior Guide. Use Handshake to apply for full-time positions. |
| MAE 400: Engineering Profession (L) | 3 | C | |
| Complete 2 courses: Upper Division Computational Mechanics Technical Elective | 6 | C | |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 15 | | |

- Complete an in person or virtual [practice interview](#).

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ MEE 489: Mechanical Engineering Design II | 3 | C | |
| AEE 471: Computational Fluid Dynamics OR MAE 404: Finite Elements in Engineering OR MAE 460: Applied Computational Fluid Dynamics | 3 | C | |
| MEE 491: Experimental Mechanical Engineering (L) | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 12 | | |

- For additional information about Upper Division Computational Mechanics Technical Electives, please go to: [Upper Division Computational Mechanics Technical Electives](#).

Hide Course List(s)/Track Group(s)

| Computational Mechanics Technical Electives |
|--|
| AEE 360: Aerodynamics (L) |
| AEE 471: Computational Fluid Dynamics |
| CSE 205: Object-Oriented Programming and Data Structures (CS) |
| IEE 305: Information Systems Engineering (CS) |
| IEE 376: Operations Research Deterministic Techniques/Applications |
| MAE 404: Finite Elements in Engineering |
| MAE 460: Applied Computational Fluid Dynamics |
| MAE 501: Linear Algebra in Engineering |
| MAE 502: Partial Differential Equations in Engineering |
| MAT 420: Scientific Computing |
| MAT 421: Applied Computational Methods (CS) |
| MAT 423: Numerical Analysis I (CS) |
| MAT 425: Numerical Analysis II (CS) |
| MAT 451: Mathematical Modeling (CS) |
| MAT 461: Applied Complex Analysis |
| MSE 494: Intro to FEA for Matl Design and Characterization |

By approval only:

MAE 484: Internship

MAE 492: Honors Directed Study

MAE 493: Honors Thesis (L)

MAE 498: Pro-Seminar or MAE 499:
Individualized Instruction

*Students who do not meet the enrollment requirements for these courses may be allowed to enroll with instructor consent. Courses not listed here require a department petition form. To take any 494 class please check with your advisor first. A max of 3 credits from MAE 484/498/499 can be applied toward the TE requirements.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map








Mechanical Engineering (Energy and Environment), BSE




School/College: [Ira A. Fulton Schools of Engineering](#)

Location: [Tempe campus](#)

ESMAEEBSE

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  MAT 265: Calculus for Engineers I (MA) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • FSE 100 is required for first-year students and should be completed the first semester. Non-first year students: see advisor for petitioning replacement electives. • If ENG 105 is taken, a 3 hour applicable elective must also be taken prior to graduation. See advisor. • Prep for success using the First-Year Student Guide. • Join a Fulton community. • Explore engineering and technical professions. |
| ASU 101-MEE: The ASU Experience | 1 | | |
| CHM 114: General Chemistry for Engineers (SQ) OR CHM 116: General Chemistry II (SQ) | 4 | C | |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| FSE 100: Introduction to Engineering | 2 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • Create a Handshake profile. • Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
|  MAT 242: Elementary Linear Algebra | 2 | C | |
|  MAT 266: Calculus for Engineers II (MA) | 3 | C | |
|  PHY 121: University Physics I: Mechanics (SQ) | 3 | C | |
|  PHY 122: University Physics Laboratory I (SQ) | 1 | C | |
| MAE 215: Introduction to Programming in MATLAB | 1 | C | |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). Term hours subtotal: | 16 | | |

| Term 3 32 - 46 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  MAE 201: Mechanics of Particles and Rigid Bodies I: Statics | 3 | C | <ul style="list-style-type: none"> • Prep for success using the Sophomore Guide. |
|  MAT 267: Calculus for Engineers III (MA) | 3 | C | |

| | | |
|--|----|---|
| ❖ MAT 275: Modern Differential Equations (MA) | 3 | C |
| ❖ PHY 131: University Physics II: Electricity and Magnetism (SQ) | 3 | C |
| MAE 214: Computer-Aided Engineering I | 1 | C |
| PHY 132: University Physics Laboratory II (SQ) | 1 | C |
| ❖ Complete CHM 114 OR CHM 116 course(s). | | |
| ❖ Minimum 2.00 GPA ASU Cumulative. | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 14 | |

| Term 4 46 - 62 Credit Hours Critical course signified by ❖ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ❖ MAE 202: Mechanics of Particles and Rigid Bodies II: Dynamics | 3 | C | <ul style="list-style-type: none"> Pursue an undergraduate research experience. Apply for internships. Attend career fairs and events. |
| ❖ MAE 213: Mechanics of Materials | 3 | C | |
| ❖ MAE 241: Introduction to Thermodynamics | 3 | C | |
| EEE 202: Circuits I | 4 | C | |
| MAE 384: Advanced Mathematical Methods for Engineers (CS) | 3 | C | |
| Term hours subtotal: | 16 | | |

| Term 5 62 - 78 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ MEE 322: Structural Mechanics | 4 | C | <ul style="list-style-type: none"> Plan for success using the Junior Guide. Network at student organization competitions or professional societies. |
| CHM 231: Elementary Organic Chemistry (SQ) OR CHM 233: General Organic Chemistry I | 3 | C | |
| MAE 242: Introduction to Fluid Mechanics | 3 | C | |
| MAE 301: Applied Experimental Statistics | 3 | C | |
| MSE 250: Structure and Properties of Materials | 3 | C | |
| Term hours subtotal: | 16 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ MAE 318: System Dynamics and Control I | 4 | C | <ul style="list-style-type: none"> Research and prepare for graduate school. Apply for an engineering 4+1 program. Develop a professional profile online. |
| ★ MEE 340: Heat Transfer | 3 | C | |
| MAE 400: Engineering Profession (L) | 3 | C | |
| MEE 323: Computer-Aided Engineering II | 2 | C | |
| MEE 342: Principles of Mechanical Design | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ MEE 482: Intermediate Thermodynamics | 3 | C | <ul style="list-style-type: none"> For additional information about Upper Division Energy and Environment Technical Electives, please see: Upper Division Energy and Environment Technical Electives. Plan for success using the Senior Guide. Apply for full-time positions. Complete an in person or virtual practice interview. |
| GCU 364: Energy in the Global Arena (SB & G) OR PUP 190: Sustainable Cities ((HU or SB) & G) OR SOS 171: The Thread of Energy (SB & G) OR GPH 314: Global Change (HU & G) OR HST 302: Energy Transitions and Sustainability ((HU or SB) & G & H) | 3 | | |
| MAE 417: System Dynamics and Control II | 3 | C | |
| MEE 491: Experimental Mechanical Engineering (L) | 3 | C | |
| Upper Division Energy and Environment Technical Elective | 3 | C | |
| Term hours subtotal: | 15 | | |

Term hours subtotal: 15

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ MEE 446: Energy Systems Design | 3 | C | <ul style="list-style-type: none"> For additional information about Upper Division Technical Electives, please go to: Upper Division Technical Electives. |
| GCU 364: Energy in the Global Arena (SB & G) OR PUP 190: Sustainable Cities ((HU or SB) & G) OR SOS 171: The Thread of Energy (SB & G) OR GPH 314: Global Change (HU & G) OR HST 302: Energy Transitions and Sustainability ((HU or SB) & G & H) | 3 | | |
| Upper Division Technical Elective | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 12 | | |

- For additional information about Upper Division Energy and Environment Technical Electives, & Upper Division Technical Electives, please go to: [Upper Division Energy and Environment Technical Electives & Upper Division Technical Electives](#)

Hide Course List(s)/Track Group(s)

| Upper Division Energy and Environment Technical Electives | Upper Division Technical Electives | Upper Division Technical Electives continued |
|--|---|---|
| BIO 320: Fundamentals of Ecology | AEE OR MAE OR MEE Upper Division Elective | MAT 300: Mathematical Structures (L) |
| CEE 361: Introduction to Environmental Engineering | AST 321: Introduction to Planetary and Stellar Astrophysics (SQ) | MAT 310: Introduction to Geometry |
| CEE 440: Hydrology | AST 322: Introduction to Galactic and Extragalactic Astrophysics (SQ) | MAT 371: Advanced Calculus I |
| CEE 494: Energy Efficient Buildings and Systems | BME 300: Bioengineering Product Design | MAT 420: Scientific Computing |
| CEE 494: Sustainable Energy and Material Use | BME 316: Biomechanics for Biomedical Engineers | MAT 421: Applied Computational Methods (CS) |
| CEE 494: Sustainable Energy Technologies | BME 318: Biomaterials | MAT 423: Numerical Analysis I (CS) |
| CHE 473: Fuel Cells and Biofuel Cells | BME 350: Signals and Systems for Bioengineers | MAT 425: Numerical Analysis II (CS) |
| CHE 478: Biomass Energy Conversion Technology | BME 494: Bioenergy and Microbial Biotechnology | MAT 451: Mathematical Modeling (CS) |
| CHM 302: Environmental Chemistry | CEE 361: Introduction to Environmental Engineering | MAT 461: Applied Complex Analysis |
| EEE 360: Energy Systems and Power Electronics | CEE 372: Transportation Engineering | MAT 462: Applied Partial Differential Equations |
| EEE 460: Nuclear Power Engineering | CEE 440: Hydrology | MSE 330: Thermodynamics of Materials |
| EEE 463: Electrical Power Plants | CEE 494: Energy Efficient Buildings and Systems | MSE 355: Structure and Defects |
| EVE 302: Environmental Engineering Fundamentals: Physical and Chemical Processes | CEE 494: Sustainable Energy and Material Use | MSE 440: Mechanical Behavior of Materials |
| MAE 494: Energy Efficiency | CEE 494: Sustainable Energy Technologies | MSE 450: Introduction to Materials Characterization |
| MEE 434: Internal Combustion Engines | CHE 468: Polymer Principles and Processing | MSE 460: Nanomaterials in Energy Production and Storage |
| | | MSE 476: Growth and Processing of Semiconductors |

| | | |
|--|--|--|
| MEE 440: Renewable Energy: Mechanical Systems | CHE 473: Fuel Cells and Biofuel Cells | MSE 494: Bioinspired Materials and Biomaterials |
| MEE 441: Wind Energy | CHE 478: Biomass Energy Conversion Technology | MSE 494: Electrochemical Energy Storage and Conversion |
| MSE 460: Nanomaterials in Energy Production and Storage | CHE 494: Nanobiotechnology | MSE 494: Failure Analysis of Metallic Materials |
| MSE 494: Electrochemical Energy Storage and Conversion | CHE 494: Six Sigma Methodology/Engineering Experimentation | MSE 494: Intro to FEA for Matl Design and Characterization |
| By approval only: | CHM 302: Environmental Chemistry | MSE 494: Manufacturing Processes for Structural Materials |
| MAE 484: Internship | CHM 325: Analytical Chemistry | PHY 310: Classical Particles Fields and Matter I |
| MAE 492: Honors Directed Study | EEE 304: Signals and Systems II | PHY 361: Introductory Modern Physics |
| MAE 493: Honors Thesis (L) | EEE 333: Hardware Design Languages and Programmable Logic | SES 311: Essentials of Astrobiology: Exploration for Life in the Universe |
| MAE 498: Pro-Seminar or MAE 499: Individualized Instruction | EEE 334: Circuits II | SES 350: Engineering Systems and Experimental Problem Solving |
| *Students who do not meet the enrollment requirements for these courses may be allowed to enroll with instructor consent. Courses not listed here require a department petition form. To take any 494 class please check with your advisor first. A max of 3 credits from MAE 484/498/499 can be applied toward the TE requirements. | EEE 350: Random Signal Analysis | SES 407: Space Works II: Model Fabricate and Test |
| | EEE 360: Energy Systems and Power Electronics | SES 494: Modeling and Analysis of Space Thermal Systems |
| | EEE 407: Digital Signal Processing | By approval only: |
| | EEE 434: Quantum Mechanics for Engineers | MAE 484: Internship |
| | EEE 460: Nuclear Power Engineering | MAE 492: Honors Directed Study |
| | EEE 463: Electrical Power Plants | MAE 493: Honors Thesis (L) |
| | EEE 480: Feedback Systems | MAE 498: Pro-Seminar or MAE 499: Individualized Instruction |
| | EEE 481: Computer-Controlled Systems | *Students who do not meet the enrollment requirements for these courses may be allowed to enroll with instructor consent. Courses not listed here require a department petition form. To take any 494 class please check with your advisor first. A max of 3 credits from MAE 484/498/499 can be applied toward the TE requirements. |
| | EEE 498: Science and Technology of Solar Cell Fabrication | Students may only apply ONE (1) course from the list below: |
| | EGR 433: Transforms and Systems Modeling | CEE 400: Earth Systems Engineering and Management ((L or HU) & H) |
| | EGR 455: Robotic Systems I | EGR 317: Humanitarian Engineering Project II |
| | EGR 456: Robotic Systems II | FSE 301: Entrepreneurship and Value Creation |
| | EGR 494: Engineering in Semiconductors and Microelectronics | FSE 394: Engineering in Global Context |
| | EVE 302: Environmental Engineering Fundamentals: Physical and Chemical Processes | |
| | GLG 418: Geophysics | |
| | IEE 305: Information Systems Engineering (CS) | |
| | IEE 376: Operations Research Deterministic Techniques/Applications | |

IEE 300: Economic Analysis for Engineers

IEE 431: Engineering Administration (L)

IEE 437: Human Factors Engineering

MAE 394: Aeronautics in England

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.





2020 - 2021 Major Map





Software Engineering, BS





School/College: [Ira A. Fulton Schools of Engineering](#)

Location: [Polytechnic campus](#)

TSSERBS

| Term 1 0 - 15 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  CSE 110: Principles of Programming (CS) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement into the first mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • If ENG 105 is taken, a three credit hour elective course must also be taken prior to graduation • Prep for success using the First-Year Student Guide. • Join a Fulton community. • Explore engineering and technical professions. |
|  MAT 265: Calculus for Engineers I (MA) | 3 | C | |
| ASU 101-CSE: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| FSE 100: Introduction to Engineering | 2 | C | |
| Social-Behavioral Sciences (SB) OR Humanities, Arts and Design (HU) | 3 | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 2 15 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  CSE 205: Object-Oriented Programming and Data Structures (CS) | 3 | C | <ul style="list-style-type: none"> • Create a Handshake profile. • Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
| EGR 104: Critical Inquiry in Engineering (L) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 266: Calculus for Engineers II (MA) | 3 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 3 30 - 46 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  MAT 243: Discrete Mathematical Structures | 3 | C | <ul style="list-style-type: none"> • Prep for success using the Sophomore Guide. |
|  SER 232: Computer Systems Fundamentals (CS) | 3 | C | |
| CSE 240: Introduction to Programming Languages | 3 | C | |
| MAT 267: Calculus for Engineers III (MA) OR MAT 275: Modern Differential Equations (MA) | 3 | C | |
| Lab Science Sequence AND Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |

Complete Mathematics (MA) requirement.

Term hours subtotal: 16

| Term 4 46 - 62 Credit Hours Critical course signified by ⚠ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ⚠ SER 222: Design and Analysis of Data Structures and Algorithms | 3 | C | <ul style="list-style-type: none"> Pursue an undergraduate research experience Apply for internships Attend career fairs and events |
| CSE 230: Computer Organization and Assembly Language Programming | 3 | C | |
| EGR 280: Engineering Statistics (CS) | 3 | C | |
| PHY 121: University Physics I: Mechanics (SQ) | 3 | C | |
| PHY 122: University Physics Laboratory I (SQ) | 1 | C | |
| SER 216: Software Enterprise: Personal Process and Quality | 3 | C | |
| ⚠ Minimum 2.00 GPA ASU Cumulative. | | | |

Term hours subtotal: 16

| Term 5 62 - 78 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ SER 334: Operating Systems and System Programming | 3 | C | <ul style="list-style-type: none"> Plan for success using the Junior Guide. Network at student organization competitions or professional societies. |
| MAT 343: Applied Linear Algebra | 3 | C | |
| SER 315: Software Enterprise: Design and Process | 3 | C | |
| SER 322: Principles of Database Management | 3 | C | |
| Lab Science Sequence AND Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| | | | |

Term hours subtotal: 16

| Term 6 78 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ SER 321: Principles of Distributed Software Systems | 3 | C | <ul style="list-style-type: none"> Research and prepare for graduate school. Apply for an engineering 4+1 program. Develop a professional profile online. |
| SER 316: Software Enterprise: Construction and Transition | 3 | C | |
| SER 335: Engineering Secure Software Systems | 3 | C | |
| Technical Elective | 3 | C | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |

Term hours subtotal: 15

| Term 7 93 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ SER 401: Computing Capstone Project I | 3 | C | <ul style="list-style-type: none"> Plan for success using the Senior Guide. Use Handshake to apply for full-time positions. Complete an in person or virtual practice interview. |
| SER 415: Software Enterprise: Inception and Elaboration (L) | 3 | C | |
| SER 4** Elective | 3 | C | |
| Upper Division Social-Behavioral Sciences (SB) (HST 318 recommended) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| | | | |

Term hours subtotal: 15

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ SER 402: Computing Capstone Project II | 3 | C | |
| SER 416: Software Enterprise: Project and Process Management | 3 | C | |

Complete 2 courses: 6 C
 SER 4** Elective

Term hours subtotal: 12

Hide Course List(s)/Track Group(s)

| Lab Science Sequence | Technical Elective |
|--|-----------------------------|
| BIO 181: General Biology I (SQ) AND BIO 182: General Biology II (SG) | CPI Upper Division Elective |
| BIO 201: Human Anatomy and Physiology I (SG) AND BIO 202: Human Anatomy and Physiology II (SG) | CSE Upper Division Elective |
| CHM 113: General Chemistry I (SQ) AND CHM 116: General Chemistry II (SQ) | EEE Upper Division Elective |
| GLG 101: Introduction to Geology I (Physical) (SQ) AND GLG 103: Introduction to Geology I-Laboratory (SQ) | IEE Upper Division Elective |
| GLG 102: Introduction to Geology II (Historical) (SG & H) AND GLG 104: Introduction to Geology II-Laboratory (SG) | IFT Upper Division Elective |
| PHY 131: University Physics II: Electricity and Magnetism (SQ) AND PHY 132: University Physics Laboratory II (SQ) | SER Upper Division Elective |
| Note: Students who want to take PHY 121/122 and PHY 131/132 for their Lab Science Sequence will need to select a different lab science course (4 hours) from the list. | |

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.











2020 - 2021 Major Map

Software Engineering, BS

School/College: [Ira A. Fulton Schools of Engineering](#)

Location: [Online](#)

TSSERBS

| Term 1 - A 0 - 6 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ASU 101-UC: The ASU Experience | 1 | | <ul style="list-style-type: none"> An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. If ENG 105 is taken, a three credit hour elective course must also be taken prior to graduation. ASU 101 is only required of new first-year students transferring in fewer than 24 hours to ASU. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| FSE 100: Introduction to Engineering | 2 | C | |
| Term hours subtotal: | 6 | | |
| | | | |
| Term 1 - B 6 - 12 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  CSE 110: Principles of Programming (CS) | 3 | C | <ul style="list-style-type: none"> View ASU Online first-year student registration information here. Prep for success using the First-Year Student Guide. Join a Fulton community. Explore engineering and technical professions. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 6 | | |
| | | | |
| | | | |
| Term 2 - A 12 - 18 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  CSE 205: Object-Oriented Programming and Data Structures (CS) | 3 | C | <ul style="list-style-type: none"> Mathematics Placement Assessment score or transfer math courses determine placement into the first mathematics course at ASU. |
|  MAT 265: Calculus for Engineers I (MA) | 3 | C | |
| Term hours subtotal: | 6 | | |
| Term 2 - B 18 - 24 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  SER 232: Computer Systems Fundamentals (CS) | 3 | C | <ul style="list-style-type: none"> Create a Handshake profile. Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
| MAT 266: Calculus for Engineers II (MA) | 3 | C | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 6 | | |
| Term 3 - A 24 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  MAT 243: Discrete Mathematical Structures | 3 | C | |
| CSE 230: Computer Organization and Assembly Language Programming | 3 | C | |
| Term hours subtotal: | 6 | | |
| Term 3 - B 30 - 36 Credit Hours | Hours | Minimum Grade | Notes |
| CSE 240: Introduction to Programming Languages | 3 | C | |

MAT 267: Calculus for Engineers III (MA) OR MAT 275: Modern Differential Equations (MA) 3 C

Complete Mathematics (MA) requirement.

- Prep for success using the [Sophomore Guide](#).

Term hours subtotal: 6

| Term 4 - A 36 - 42 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | | |
|--|---|---|--|
|  SER 222: Design and Analysis of Data Structures and Algorithms | 3 | C | |
|--|---|---|--|

| | | | |
|--|---|---|--|
| EGR 104: Critical Inquiry in Engineering (L) | 3 | C | |
|--|---|---|--|

Term hours subtotal: 6

| Term 4 - B 42 - 48 Credit Hours | Hours | Minimum Grade | Notes |
|---------------------------------|-------|---------------|-------|
|---------------------------------|-------|---------------|-------|

| | | | |
|--------------------------------------|---|---|--|
| EGR 280: Engineering Statistics (CS) | 3 | C | |
|--------------------------------------|---|---|--|

| | | | |
|--|---|---|--|
| SER 216: Software Enterprise: Personal Process and Quality | 3 | C | |
|--|---|---|--|

Term hours subtotal: 6


- Pursue an [undergraduate research experience](#).
- Apply for [internships](#).
- Attend [career fairs and events](#).

| Term 5 - A 48 - 54 Credit Hours | Hours | Minimum Grade | Notes |
|---------------------------------|-------|---------------|-------|
|---------------------------------|-------|---------------|-------|

| | | | |
|---------------------------------|---|---|--|
| MAT 343: Applied Linear Algebra | 3 | C | |
|---------------------------------|---|---|--|

| | | | |
|--|---|---|--|
| SER 315: Software Enterprise: Design and Process | 3 | C | |
|--|---|---|--|

Term hours subtotal: 6

| Term 5 - B 54 - 61 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|


| | | | |
|---|---|---|--|
|  SER 334: Operating Systems and System Programming | 3 | C | |
|---|---|---|--|

| | | | |
|---|---|---|--|
| PHY 121: University Physics I: Mechanics (SQ) | 3 | C | |
|---|---|---|--|

| | | | |
|---|---|---|--|
| PHY 122: University Physics Laboratory I (SQ) | 1 | C | |
|---|---|---|--|

Term hours subtotal: 7

- In addition to PHY 121 and PHY 122, students must complete 8 semester hours (2 courses) of lab science from the following: BIO 181, BIO 182, BIO 201, BIO 202, CHM 113, CHM 116, GLG 101/103, GLG 102/104, PHY 131/132.
- Plan for success using the [Junior Guide](#).
- Network at [student organization](#) competitions or professional societies.

| Term 6 - A 61 - 67 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | | |
|---|---|---|--|
|  SER 321: Principles of Distributed Software Systems | 3 | C | |
|---|---|---|--|

| | | | |
|--|---|--|--|
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
|--|---|--|--|


Term hours subtotal: 6

- During the junior year of the program, students should contact an academic advisor to identify course options.

| Term 6 - B 67 - 73 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | | |
|---|---|---|--|
| SER 316: Software Enterprise: Construction and Transition | 3 | C | |
|---|---|---|--|

| | | | |
|--|---|---|--|
| SER 335: Engineering Secure Software Systems | 3 | C | |
|--|---|---|--|

| | | | |
|--|--|--|--|
|  Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
|--|--|--|--|

Term hours subtotal: 6

- Research and prepare for [graduate school](#).
- Apply for an [engineering 4+1 program](#).
- Develop a [professional profile online](#).

| Term 7 - A 73 - 79 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | | |
|---|---|---|--|
|  SER 415: Software Enterprise: Inception and Elaboration (L) | 3 | C | |
|---|---|---|--|

SER 322: Principles of Database Management 3 C

Term hours subtotal: 6

| Term 7 - B 79 - 86 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| Lab Science Sequence AND Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | <ul style="list-style-type: none"> • During the junior year of the program, students should contact an academic advisor to identify course options/selection. • In addition to PHY 121 and PHY 122, students must complete 8 semester hours (2 courses) of lab science from the following: BIO 181, BIO 182, BIO 201, BIO 202, CHM 113, CHM 116, GLG 101/103, GLG 102/104, PHY 131/132. • Plan for success using the Senior Guide. • Use Handshake to apply for full-time positions. • Complete an in person or virtual practice interview. |
| SER 4** Elective | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 8 - A 86 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ SER 416: Software Enterprise: Project and Process Management | 3 | C | <ul style="list-style-type: none"> • In addition to PHY 121 and PHY 122, students must complete 8 semester hours (2 courses) of lab science from the following: BIO 181, BIO 182, BIO 201, BIO 202, CHM 113, CHM 116, GLG 101/103, GLG 102/104, PHY 131/132. |
| Lab Science Sequence AND Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 8 - B 93 - 99 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| Complete 2 courses: SER 4** Elective | 6 | C | <ul style="list-style-type: none"> • During the junior year of the program, students should contact an academic advisor to identify course options/selection. |
| Term hours subtotal: | 6 | | |

| Term 9 - A 99 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ SER 401: Computing Capstone Project I | 3 | C | |
| Humanities, Arts and Design (HU) OR Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - B 105 - 114 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| Technical Elective | 3 | C | |
| Upper Division Social-Behavioral Sciences (SB) (HST 318 recommended) | 3 | | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 10 - A 114 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| | | | |

| | | |
|---|---|---|
| ★ SER 402: Computing Capstone Project II | 3 | C |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | |
| Term hours subtotal: | 6 | |

Hide Course List(s)/Track Group(s)

| Lab Science Sequence | Technical Elective |
|--|-----------------------------|
| BIO 181: General Biology I (SQ) AND BIO 182: General Biology II (SG) | CPI Upper Division Elective |
| BIO 201: Human Anatomy and Physiology I (SG) AND BIO 202: Human Anatomy and Physiology II (SG) | CSE Upper Division Elective |
| CHM 113: General Chemistry I (SQ) AND CHM 116: General Chemistry II (SQ) | EEE Upper Division Elective |
| GLG 101: Introduction to Geology I (Physical) (SQ) AND GLG 103: Introduction to Geology I-Laboratory (SQ) | IEE Upper Division Elective |
| GLG 102: Introduction to Geology II (Historical) (SG & H) AND GLG 104: Introduction to Geology II-Laboratory (SG) | IFT Upper Division Elective |
| PHY 131: University Physics II: Electricity and Magnetism (SQ) AND PHY 132: University Physics Laboratory II (SQ) | SER Upper Division Elective |
| Note: Students who want to take PHY 121/122 and PHY 131/132 for their Lab Science Sequence will need to select a different lab science course (4 hours) from the list. | |

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

- General Studies Core Requirements:
- Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - Computer/Statistics/Quantitative Applications (CS)
 - Humanities, Arts and Design (HU)
 - Social-Behavioral Sciences (SB)
 - Natural Science - Quantitative (SQ)
 - Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map





Technological Entrepreneurship and Management, BS




School/College: W. P. Carey School of Business Ira A. Fulton Schools of Engineering

Location: Polytechnic campus

TSTEM2BS

| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  ASU 101-TPS: The ASU Experience OR FSE 310: Transfer Success in Engineering | 1 | | <ul style="list-style-type: none"> ASU 101 is required of all first-year students; FSE 310 is required for all new transfer students; LIA 294 is highly recommended for all new veteran students. An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. Mathematics Placement Assessment score determines placement in mathematics course. Prep for success using the First-Year Student Guide. Join a Fulton community. Explore engineering and technical professions. |
|  TMC 110: Understanding the Enterprise | 3 | C | |
| CIS 105: Computer Applications and Information Technology (CS) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 210: Brief Calculus (MA) | 3 | C | |
| TEM 100: Seminar in Entrepreneurship | 1 | C | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  TEM 200: My Technology Venture | 3 | C | <ul style="list-style-type: none"> Create a Handshake profile. Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
| ECN 211: Macroeconomic Principles (SB) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 211: Mathematics for Business Analysis | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Complete MAT 210 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 46 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  TEM 230: Creativity and Business Innovation | 3 | C | <ul style="list-style-type: none"> Prep for success using the Sophomore Guide. |
| ACC 231: Uses of Accounting Information I | 3 | C | |
| ECN 212: Microeconomic Principles (SB) | 3 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
|  Complete TEM 100 course(s). | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 46 - 61 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|---|----|---|
| ❖ ECN 221: Business Statistics (CS) | 3 | C |
| ACC 241: Uses of Accounting Information II | 3 | C |
| TEM 250: Design Methodology | 3 | C |
| Technical Elective | 3 | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | |
| Term hours subtotal: | 15 | |

- Pursue an undergraduate research experience.
- Apply for internships.
- Attend career fairs and events.

| Term 5 61 - 77 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|--|----|---|
| ★ TMC 330: Leading the Enterprise OR MGT 300: Organization and Management Leadership | 3 | C |
| FIN 300: Fundamentals of Finance | 3 | C |
| FSE 301: Entrepreneurship and Value Creation | 3 | C |
| TMC 310: Promotion of the Enterprise OR MKT 300: Marketing and Business Performance | 3 | C |
| WPC 301: Business Forum | 1 | C |
| Technical Elective | 3 | |
| Term hours subtotal: | 16 | |

- Plan for success using the Junior Guide.
- Network at student organization competitions or professional societies.

| Term 6 77 - 92 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|--|----|---|
| ★ TMC 320: Funding the Enterprise | 3 | C |
| SCM 300: Global Supply Operations | 3 | C |
| TEM 431: Innovation Management OR TEM 330: Systems Innovation | 3 | C |
| TMC 410: Enterprise Operations | 3 | C |
| Literacy and Critical Inquiry (L) | 3 | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |
| Term hours subtotal: | 15 | |

- Research and prepare for graduate school.
- Develop a professional profile online.

| Term 7 92 - 107 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | |
|--|----|---|
| ★ TEM 400: Technology Entrepreneurship | 3 | C |
| AGB 302: International Management and Agribusiness (G) OR ECN 306: Survey of International Economics (SB & G) OR MGT 302: Principles of International Business (G) OR MKT 425: Global Marketing Management (G) OR OMT 440: International Business (G) OR SCM 463: Global Supply Chain Management (G) | 3 | C |
| TMC 430: Enterprise Strategy and Innovation | 3 | C |
| Technical Elective | 3 | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | |
| Term hours subtotal: | 15 | |

- Plan for success using the Senior Guide.
- Use Handshake to apply for full-time positions.
- Complete an in person or virtual practice interview.

| Term 8 107 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|---|---|---|
| ★ TMC 498: Pro-Seminar (L) OR TEM 482: Startup Workshop | 3 | C |
| LES 305: Business Law and Ethics for Managers | 3 | C |
| MGT 430: Negotiations | 3 | C |
| Upper Division Literacy and Critical Inquiry (L) | 3 | |
| Elective | 1 | |

Term hours subtotal: 13

- Students in this program select technical electives consisting of nine credit hours of courses. Recommended technical elective prefixes are listed below. Additional courses may be available. Please check with your academic advisor.

Hide Course List(s)/Track Group(s)

| |
|---------------------|
| Technical Electives |
| AME Elective |
| AMT Elective |
| AST Elective |
| BIO Elective |
| BME Elective |
| BMI Elective |
| CAP Elective |
| CHM Elective |
| CIS Elective |
| CSE Elective |
| EEE Elective |
| EGR Elective |
| ENT Elective |
| FSE Elective |
| GIT Elective |
| GLG Elective |
| HSE Elective |
| IEE Elective |
| IFT Elective |
| IGD Elective |
| MFG Elective |
| MGT Elective |
| MKT Elective |
| OMT Elective |
| PHY Elective |
| PSY Elective |
| SER Elective |
| SES Elective |

TEM Elective

TMC Elective

TWC Elective

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.










2020 - 2021 Major Map

Technological Entrepreneurship and Management, BS

School/College: [W. P. Carey School of Business](#) [Ira A. Fulton Schools of Engineering](#)

Location: [Online](#)

TSTEM2BS

| Term 1 - A 0 - 5 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  ASU 101-TPS: The ASU Experience OR FSE 310: Transfer Success in Engineering | 1 | | <ul style="list-style-type: none"> ASU 101 is required of all first-year students; FSE 310 is required for all new transfer students; LIA 294 is highly recommended for all new veteran students. An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. Mathematics Placement Assessment score determines placement in mathematics course. Prep for success using the First-Year Student Guide. Join a Fulton community. Explore engineering and technical professions. |
| CIS 105: Computer Applications and Information Technology (CS) | 3 | C | |
| TEM 100: Seminar in Entrepreneurship | 1 | C | |
| Term hours subtotal: | 5 | | |
| | | | |
| Term 1 - B 5 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  TMC 110: Understanding the Enterprise | 3 | C | <ul style="list-style-type: none"> View ASU Online first-year student registration information here. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 210: Brief Calculus (MA) | 3 | C | |
| Term hours subtotal: | 9 | | |
| | | | |
| Term 2 - A 14 - 23 Credit Hours | Hours | Minimum Grade | Notes |
| ECN 211: Macroeconomic Principles (SB) | 3 | C | <ul style="list-style-type: none"> Create a Handshake profile. Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 211: Mathematics for Business Analysis | 3 | C | |
| Term hours subtotal: | 9 | | |
| | | | |
| Term 2 - B 23 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  TEM 200: My Technology Venture | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Complete MAT 210 course(s). | | | |
| Term hours subtotal: | 7 | | |
| Term 3 - A 30 - 39 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |

| | | |
|---|---|---|
| ❖ TEM 230: Creativity and Business Innovation | 3 | C |
| ACC 231: Uses of Accounting Information I | 3 | C |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | |
| Term hours subtotal: | 9 | |

- Prep for success using the **Sophomore Guide**.

| Term 3 - B 39 - 46 Credit Hours Critical course signified by ❖ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ECN 212: Microeconomic Principles (SB) | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| ❖ Complete TEM 100 course(s). | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 7 | | |

| Term 4 - A 46 - 55 Credit Hours Critical course signified by ❖ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ❖ ECN 221: Business Statistics (CS) | 3 | C | <ul style="list-style-type: none"> • Pursue an undergraduate research experience. • Apply for internships. • Attend career fairs and events. |
| TEM 250: Design Methodology | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 4 - B 55 - 61 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ACC 241: Uses of Accounting Information II | 3 | C | |
| Technical Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - A 61 - 70 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| TMC 310: Promotion of the Enterprise OR MKT 300: Marketing and Business Performance | 3 | C | <ul style="list-style-type: none"> • Plan for success using the Junior Guide. • Network at student organization competitions or professional societies. |
| FIN 300: Fundamentals of Finance | 3 | C | |
| FSE 301: Entrepreneurship and Value Creation | 3 | C | |
| Term hours subtotal: | 9 | | |

| Term 5 - B 70 - 77 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ TMC 330: Leading the Enterprise OR MGT 300: Organization and Management Leadership | 3 | C | |
| WPC 301: Business Forum | 1 | C | |
| Technical Elective | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 6 - A 77 - 83 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ TMC 320: Funding the Enterprise | 3 | C | <ul style="list-style-type: none"> • Research and prepare for graduate school. • Develop a professional profile online. |
| Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 83 - 92 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | |
|--|---|---|
| ★ TEM 431: Innovation Management OR TEM 330: Systems Innovation | 3 | C |
| SCM 300: Global Supply Operations | 3 | C |
| TMC 410: Enterprise Operations | 3 | C |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |
| Term hours subtotal: | | 9 |

| Term 7 - A 92 - 101 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ TEM 400: Technology Entrepreneurship | 3 | C | <ul style="list-style-type: none"> Plan for success using the Senior Guide. Use Handshake to apply for full-time positions. Complete an in person or virtual practice interview. |
| TMC 430: Enterprise Strategy and Innovation | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | | 9 | |

| Term 7 - B 101 - 107 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| OMT 440: International Business (G) OR ECN 306: Survey of International Economics (SB & G) OR MGT 302: Principles of International Business (G) OR MKT 425: Global Marketing Management (G) OR SCM 463: Global Supply Chain Management (G) | 3 | C | |
| Technical Elective | 3 | | |
| Term hours subtotal: | | 6 | |

| Term 8 - A 107 - 113 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ TMC 498: Pro-Seminar (L) OR TEM 482: Startup Workshop | 3 | C | |
| MGT 430: Negotiations | 3 | C | |
| Term hours subtotal: | | 6 | |

| Term 8 - B 113 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ LES 305: Business Law and Ethics for Managers | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Elective | 1 | | |
| Term hours subtotal: | | 7 | |

- Students in this program select technical electives consisting of nine credit hours of courses. Recommended technical elective prefixes are listed below. Additional courses may be available. Please check with your academic advisor.

Hide Course List(s)/Track Group(s)

| |
|---------------------|
| Technical Electives |
| AME Elective |
| AMT Elective |
| AST Elective |
| BIO Elective |
| BME Elective |

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BMI Elective
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- CAP Elective
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- CHM Elective
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- CIS Elective
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- CSE Elective
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- EEE Elective
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- EGR Elective
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- ENT Elective
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- GIT Elective
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- GLG Elective
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- HSE Elective
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- IEE Elective
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- IFT Elective
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- IGD Elective
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- MFG Elective
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- MGT Elective
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- MKT Elective
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- OMT Elective
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- PHY Elective
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- PSY Elective
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- SER Elective
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- SES Elective
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- TEM Elective
.....
- TMC Elective
.....
- TWC Elective
.....

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)

- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map



Innovation in Society, BA



School/College: College of Global Futures

Location: Tempe campus

FIFISBA

| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  FIS 101: SFIS: The ASU Experience | 1 | | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • ASU Language Placement. Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. • Join a student club or professional organization. |
|  FIS 111: Welcome to the Future | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 142: College Mathematics (MA) OR Mathematics (MA) | 3 | | |
| Second Language: Requirement satisfied through the following: * Completion of secondary education at a school in which the language of instruction is not English; * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV; * Completion of upper division course(s) taught in a foreign language, taken in the United States or the relevant country. | 4 | C | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • Create a first draft resume. |
| Computer/Statistics/Quantitative Applications (CS) (CIS 105 recommended) | 3 | | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Second Language: Requirement satisfied through the following: * Completion of secondary education at a school in which the language of instruction is not English; * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV; * Completion of upper division course(s) taught in a foreign language, taken in the United States or the relevant country. | 4 | C | |
| Elective | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 46 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  FIS 201: Innovation in Society (H) | 3 | C | <ul style="list-style-type: none"> • Secure a part-time job or volunteer experience |
| Natural Science - Quantitative (SQ) | 4 | | |
| Second Language: Requirement satisfied through the following: * Completion of secondary education at a school in which the language of instruction is not English; * Completion of a language course at the intermediate level (202 or | 4 | C | |

equivalent), including American Sign Language IV;
 * Completion of upper division course(s) taught in a foreign language,
 taken in the United States or the relevant country.

Complete 2 courses: 5
 Elective

❗ Complete First-Year Composition requirement.

❗ Complete Mathematics (MA) requirement.

Term hours subtotal: 16

| Term 4 46 - 60 Credit Hours Critical course signified by ❗ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ❗ FIS 305: Ways of Knowing (L) | 3 | C | <ul style="list-style-type: none"> • Use handshake to research employment opportunities • Explore an internship |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Second Language: Requirement satisfied through the following: * Completion of secondary education at a school in which the language of instruction is not English; * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV; * Completion of upper division course(s) taught in a foreign language, taken in the United States or the relevant country. | 4 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 14 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ FIS 307: Navigating Futures (SB) | 3 | C | <ul style="list-style-type: none"> • Reflect on the skills you have and the skills you think you need. |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Upper Division Elective | 3 | | |
| Complete 2 courses: Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ FIS 308: Politics, Markets and Innovation (SB) | 3 | C | <ul style="list-style-type: none"> • Develop your professional online presence |
| Upper Division Core FIS Elective | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective OR FIS 484: Internship | 3 | | |
| Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ Upper Division Core FIS Elective | 3 | | <ul style="list-style-type: none"> • Gather professional references • Complete an in person or virtual practice interview |
| Upper Division Related Area Elective | 3 | | |
| Humanities, Arts and Design (HU) OR Social-Behavioral Sciences (SB) | 3 | | |
| Complete 2 courses: | | | |

| | |
|-------------------------|----|
| Upper Division Elective | 6 |
| Term hours subtotal: | 15 |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ FIS 480: Innovation in Society Studio | 3 | C | |
| Upper Division Related Area Elective | 3 | | |
| Complete 3 courses: Upper Division Elective | 9 | | |
| Term hours subtotal: | 15 | | |

Hide Course List(s)/Track Group(s)

| Core FIS Electives | Upper Division Related Area Electives |
|--|--|
| FIS 331: Technology and the Modern World | ASB 452: Community Partnerships for Global Health (SB) |
| FIS 332: Risk and the Future (L) | BIO 311: Biology and Society |
| FIS 334: Science Technology and Inequality (C) | BIO 312: Bioethics (HU) |
| FIS 335: Designing Knowledge (SB) | BIO 320: Fundamentals of Ecology |
| FIS 336: Science and Technology Policy | BIO 324: Environmental Ethics (HU) |
| FIS 337: Innovation and Global Development (G) | CEE 300: Engineering Business Practice (L) |
| FIS 403: Governing Emerging Technologies (SB) | COM 312: Communication Conflict and Negotiation |
| | COM 314: Inner-City Families: The Cycle of Poverty |
| | COM 421: Rhetoric of Social Issues (HU) |
| | COM 426: Political Communication (SB) |
| | ECN 355: Economics of Healthcare |
| | ECN 445: Environmental Economics |
| | FIS 431: Technology Security and Insecurity in Global Politics |
| | GPH 314: Global Change (HU & G) |
| | HPS 314: Philosophy of Science (HU) |
| | HPS 322: History of Science (HU & H) |
| | HPS 340: Biology and Society |
| | HST 318: History of Engineering ((L or SB) & G) |
| | HST 345: Environmental History (L) |
| | IDS 301: Becoming Interdisciplinary |
| | JUS 303: Justice Theory (L) |

JUS 325: Globalization and Socio-Economic Justice (SB & G)

JUS 445: Surveillance and Society

JUS 456: Human Rights and Sustainability ((L or SB) & G)

PAF 300: Public Management and Administration

PAF 311: Leadership and Change (SB)

SOS 315: Energy Policy

SOS 320: Society and Sustainability (L or SB)

SOS 321: Policy and Governance in Sustainable Systems

SOS 322: International Development and Sustainability

SOS 327: Sustainable Food and Farms

SOS 328: Sustainability and Enterprise

TCL 447: Gender Culture and Development ((L or SB) & G)

WST 440: Politics of Women's Health (SB & C)

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map



Innovation in Society, BS





School/College: College of Global Futures



Location: Tempe campus

FIFISBS

| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  FIS 101: SFIS: The ASU Experience | 1 | | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Join a student club or professional organization |
|  FIS 111: Welcome to the Future | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 170: Precalculus (MA) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • Create a first draft resume |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Complete 2 courses: Elective | 6 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 45 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  FIS 201: Innovation in Society (H) | 3 | C | <ul style="list-style-type: none"> • Secure a part-time job or volunteer experience |
| Complete 2 courses: Technical Elective | 6 | | |
| Complete 2 courses: Elective | 6 | | |
|  Complete First-Year Composition requirement. | | | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 15 | | |

| Term 4 45 - 60 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  FIS 305: Ways of Knowing (L) | 3 | C | <ul style="list-style-type: none"> • Use handshake to research employment opportunities • Explore an internship |

| | |
|---|----|
| STP 226: Elements of Statistics (CS) OR STP 231: Statistics for Life Science (CS) OR SBS 304: Social Statistics I (CS) OR SOC 390: Social Statistics I (CS) | 3 |
| Technical Elective | 3 |
| Complete 2 courses: Elective | 6 |
| Term hours subtotal: | 15 |

| Term 5 60 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ FIS 307: Navigating Futures (SB) | 3 | C | <ul style="list-style-type: none"> Reflect on the skills you have and the skills you think you need |
| Upper Division Core FIS Elective | 3 | | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Complete 2 courses: Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ FIS 308: Politics, Markets and Innovation (SB) | 3 | C | <ul style="list-style-type: none"> Develop your professional online presence |
| Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective OR FIS 484: Internship | 3 | | |
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ Upper Division Core FIS Elective | 3 | | <ul style="list-style-type: none"> Gather professional references Complete an in person or virtual practice interview |
| Upper Division Related Area Elective | 3 | | |
| Humanities, Arts and Design (HU) OR Social-Behavioral Sciences (SB) | 3 | | |
| Complete 2 courses: Upper Division Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ FIS 480: Innovation in Society Studio | 3 | C | |
| Upper Division Related Area Elective | 3 | | |
| Complete 3 courses: Upper Division Elective | 9 | | |
| Term hours subtotal: | 15 | | |

Hide Course List(s)/Track Group(s)

| | | |
|--------------------|--------------------|---------------------------------------|
| Core FIS Electives | Technical Elective | Upper Division Related Area Electives |
|--------------------|--------------------|---------------------------------------|

| | | |
|---|--|---|
| FIS 331: Technology and the Modern World | AEE OR AET OR AML OR ASM OR AST OR BIO OR BCH OR BME OR CEE OR CHE OR CNE OR EEE OR EET OR EGR | ASB 452: Community Partnerships for Global Health (SB) |
| FIS 332: Risk and the Future (L) | OR FSE OR GLG OR GPH OR IEE OR LSE OR MAE OR MAT OR MBB OR MEE OR MET OR MFG OR MIC OR MSE OR PHS OR PHY OR PLB OR STP Elective | BIO 311: Biology and Society |
| FIS 334: Science Technology and Inequality (C) | | BIO 312: Bioethics (HU) |
| FIS 335: Designing Knowledge (SB) | | BIO 320: Fundamentals of Ecology |
| FIS 336: Science and Technology Policy | | BIO 324: Environmental Ethics (HU) |
| FIS 337: Innovation and Global Development (G) | | CEE 300: Engineering Business Practice (L) |
| FIS 403: Governing Emerging Technologies (SB) | | COM 312: Communication Conflict and Negotiation |
| | | COM 314: Inner-City Families: The Cycle of Poverty |
| | | COM 421: Rhetoric of Social Issues (HU) |
| | | COM 426: Political Communication (SB) |
| | | ECN 355: Economics of Healthcare |
| | | ECN 445: Environmental Economics |
| | | FIS 431: Technology Security and Insecurity in Global Politics |
| | | GPH 314: Global Change (HU & G) |
| | | HPS 314: Philosophy of Science (HU) |
| | | HPS 322: History of Science (HU & H) |
| | | HPS 340: Biology and Society |
| | | HST 318: History of Engineering ((L or SB) & G) |
| | | HST 345: Environmental History (L) |
| | | IDS 301: Becoming Interdisciplinary |
| | | JUS 303: Justice Theory (L) |
| | | JUS 325: Globalization and Socio-Economic Justice (SB & G) |
| | | JUS 445: Surveillance and Society |
| | | JUS 456: Human Rights and Sustainability ((L or SB) & G) |
| | | PAF 300: Public Management and Administration |
| | | PAF 311: Leadership and Change (SB) |
| | | SOS 315: Energy Policy |
| | | SOS 320: Society and Sustainability (L or SB) |
| | | SOS 321: Policy and Governance in Sustainable Systems |
| | | SOS 322: International Development and Sustainability |

SOS 327: Sustainable Food and Farms

SOS 328: Sustainability and Enterprise

TCL 447: Gender Culture and Development
(L or SB) & G

WST 440: Politics of Women's Health (SB &
C)

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.






2020 - 2021 Major Map






Sustainability, BA



School/College: [College of Global Futures](#)

Location: [Polytechnic campus](#), [Tempe campus](#)

SUSUSTBA

| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  SOS 101: Introduction to Applied Mathematics for the Life and Social Sciences (MA) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • SOS 191 or college-specific equivalent First-Year Seminar required of all first-year students. • SOS 201 required of all Sustainability transfer students. • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement or proficiency exam, regardless of prior credit earned. CLEP and AP credit are also viable options for fulfilling the second language requirement. |
|  SOS 191: Introduction to ASU and SOS for Freshmen OR SOS 201: Introduction to ASU and Sustainability | 1 | C | |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| SOS 111: Sustainable Cities ((HU or SB) & G) | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
|  Minimum 2.50 GPA in BMY, SFS and SOS. | | | |
|  Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ENG 101 or ENG 102: First-Year Composition OR | | | <ul style="list-style-type: none"> • Join a student club or professional organization. |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| SOS 110: Sustainable World (SB) | 3 | C | |
| STP 226: Elements of Statistics (CS) | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Complete SOS 110 AND SOS 111 course(s). | | | |
|  Minimum 2.50 GPA in BMY, SFS and SOS. | | | |
|  Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 46 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  SOS 220: Systems Thinking | 3 | C | <ul style="list-style-type: none"> • Create a first draft resume and start attending sustainability career-related workshops and lectures. |
| SOS 232: Professional Skills in Sustainability Practice | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |

Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) 3

❖ Complete First-Year Composition requirement.

❖ Minimum 2.50 GPA in BMY, SFS and SOS.

❖ Minimum 2.50 GPA ASU Cumulative.

Complete Mathematics (MA) requirement.

Term hours subtotal: 16

| Term 4 46 - 60 Credit Hours Critical course signified by ❖ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

SOS 320: Society and Sustainability (L or SB) OR SOS 321: Policy and Governance in Sustainable Systems OR SOS 322: International Development and Sustainability OR SOS 323: Sustainable Urban

• See track/group notes below for track requirement details.

| | | | |
|---|---|---|--|
| ❖ Dynamics OR SOS 324: Sustainable Energy Technology and Systems OR SOS 325: The Economics of Sustainability OR SOS 326: Sustainable Ecosystems OR SOS 327: Sustainable Food and Farms OR SOS 328: Sustainability and Enterprise OR SOS 465: Sustainable Urbanism | 3 | C | |
|---|---|---|--|

| | | | |
|------------------------------------|---|---|--|
| SOS 231: Careers in Sustainability | 1 | C | |
|------------------------------------|---|---|--|

| | | | |
|---|---|---|--|
| SOS 310: Equity, Justice and Sustainability | 3 | C | |
|---|---|---|--|

| | | | |
|--------------------------------------|---|---|--|
| Upper Division Track Required Course | 3 | C | |
|--------------------------------------|---|---|--|

| | | | |
|--|---|---|--|
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
|--|---|---|--|

❖ Complete SOS 231 AND SOS 232 course(s).

❖ Milestone: Select a track.

❖ Minimum 2.50 GPA in BMY, SFS and SOS.

❖ Minimum 2.50 GPA ASU Cumulative.

Term hours subtotal: 14

| Term 5 60 - 76 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

Complete 2 courses:

SOS 320: Society and Sustainability (L or SB) OR SOS 321: Policy and Governance in Sustainable Systems OR SOS 322: International Development and Sustainability OR SOS 323: Sustainable Urban

| | | | |
|---|---|---|--|
| ★ Dynamics OR SOS 324: Sustainable Energy Technology and Systems OR SOS 325: The Economics of Sustainability OR SOS 326: Sustainable Ecosystems OR SOS 327: Sustainable Food and Farms OR SOS 328: Sustainability and Enterprise OR SOS 465: Sustainable Urbanism | 6 | C | |
|---|---|---|--|

- See track/group notes below for track requirement details.
- All students must complete 12 hours of approved Related Discipline courses. A Related Discipline is a concentration outside of Sustainability that augments the student's Sustainability education. See advisor for approval.
- Meet with the [School of Sustainability Career Advisor](#) to review your resume.

| | | | |
|---|---|---|--|
| SOS 311: Future Thinking and Strategies | 3 | C | |
|---|---|---|--|

| | | | |
|-----------------------------|---|---|--|
| Related Discipline Elective | 3 | C | |
|-----------------------------|---|---|--|

| | | | |
|-------------------------------------|---|--|--|
| Natural Science - Quantitative (SQ) | 4 | | |
|-------------------------------------|---|--|--|

★ Minimum 2.50 GPA in BMY, SFS and SOS.

★ Minimum 2.50 GPA ASU Cumulative.

Term hours subtotal: 16

| Term 6 76 - 92 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | | |
|-------------------------|---|---|--|
| ★ Track Elective Course | 3 | C | |
|-------------------------|---|---|--|

| | | |
|--|---|----|
| Related Discipline Elective | 3 | C |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | |
| Elective | 3 | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |
| ★ Minimum 2.50 GPA in BMY, SFS and SOS. | | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | |
| Term hours subtotal: | | 16 |

- See track/group notes below for track elective details.
- All students must complete 12 hours of approved Related Discipline courses. A Related Discipline is a concentration outside of Sustainability that augments the student's Sustainability education. See advisor for approval.
- Begin **exploring internship opportunities** and meet with the School of Sustainability Internship and Experiential Education Specialist to discuss your interests.

| Term 7 92 - 107 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| SOS 484: Capstone: Internship | 4 | B- | <ul style="list-style-type: none"> • See track/group notes below for upper division track elective details. • All students must complete 12 hours of approved Related Discipline courses. A Related Discipline is a concentration outside of Sustainability that augments the student's Sustainability education. See advisor for approval. • Meet with the School of Sustainability career advisor to discuss and refine your career search process. |
| Upper Division Related Discipline Elective | 3 | C | |
| Upper Division Track Elective Course | 3 | C | |
| Upper Division Elective | 2 | | |
| Elective | 3 | | |
| ★ Minimum 2.50 GPA in BMY, SFS and SOS. | | | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | | 15 | |

| Term 8 107 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| SOS 498: Pro-Seminar (L) OR SOS 475: Collaborative Design Development II (L) OR SOS 493: Honors Thesis (L) | 3 | B- | <ul style="list-style-type: none"> • All students must complete 12 hours of approved Related Discipline courses. A Related Discipline is a concentration outside of Sustainability that augments the student's Sustainability education. See advisor for approval. |
| Upper Division Related Discipline Elective | 3 | C | |
| SOS Upper Division Elective | 3 | C | |
| Upper Division Elective | 3 | | |
| Elective | 1 | | |
| ★ Minimum 2.50 GPA in BMY, SFS and SOS. | | | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | | 13 | |

- BA Students must select one of the following challenge area tracks:
 - Society & Sustainability (SOS 320)
 - Policy and Governance in Sustainable Systems (SOS 321)
 - International Development and Sustainability (SOS 322)
 - Sustainable Urban Dynamics (SOS 323 or SOS 465)
- Students must declare a track by the end of Term 4
- Students must complete the one required course for their chosen track.
- Students must also complete any additional three track courses for a total of 12 credit hours of track courses. Select from SOS 320, SOS 321, SOS 322, SOS 323, SOS 324, SOS 325, SOS 326, SOS 327, SOS 328, or SOS 465.

- Students must complete two track elective courses from their chosen track. At least one track elective course must be upper division.

Example: If the Society and Sustainability Track is chosen, students must complete SOS 320 and any three additional track courses by the end of Term 5.

More information on BA Tracks can be found [here](#).

Hide Course List(s)/Track Group(s)

| International Development and Sustainability Track | Policy and Governance in Sustainable Systems Track | Society and Sustainability Track |
|--|--|--|
| Required Course: | Required Course: | Required Course: |
| SOS 322: International Development and Sustainability | SOS 321: Policy and Governance in Sustainable Systems | SOS 320: Society and Sustainability (L or SB) |
| Electives: | Electives: | Electives: |
| AFR 340: The Making of Modern Africa (SB & G & H) | AGB 414: Food and Agribusiness Policy Issues (L) | ASB 202: Immigration and Ethnic Relations in the U.S. (SB & C) |
| ALT 412: Village Energy Systems | ABS 381: Natural Resources Policy | ASB 211: Women in Other Cultures ((HU or SB) & G) |
| ASB 100: Introduction to Global Health (SB & G) | BIO 412: Conservation in Practice | ASB 311: Principles of Social Anthropology (SB & G & H) |
| FIS 337: Innovation and Global Development (G) | ECN 441: Public Economics (SB) | ASB 326: Human Impacts on Ancient Environments (SB & H) |
| GCU 364: Energy in the Global Arena (SB & G) | GCU 361: Urban Geography (SB) | ASB 344: Technology and Society (L or SB) |
| GPH 314: Global Change (HU & G) | GPH 314: Global Change (HU & G) | ASB 370: Ethics of Eating (L or SB) |
| JUS 325: Globalization and Socio-Economic Justice (SB & G) or SGS 325: Globalization and Socio-Economic Justice (SB & G) | HST 345: Environmental History (L) | BIO 311: Biology and Society |
| JUS 352: The Global Politics of Human Rights (SB & G) | JUS 332: Politics of Energy Policy and Justice | BIO 434: People and Nature: Ecosystem Services |
| POS 160: Global Politics (SB & G) | PAF 300: Public Management and Administration | ENG 367: Environmental Issues in Literature and Film (L or HU) |
| POS 368: Ethics and Human Rights | PAF 340: Contemporary Policy Challenges | FIS 111: Welcome to the Future |
| POS 486: International Political Economy (SB & G) | PHI 407: Environmental Philosophy and Policy (L or HU) | FIS 334: Science Technology and Inequality (C) |
| SBS 480: Global Justice (G) | POS 160: Global Politics (SB & G) | GCU 350: The Geography of World Crises (SB & G) |
| SGS 301: Principles of Global Studies (G) | POS 300: Contemporary Global Controversies (SB & G) | GCU 351: Population Geography (SB & G) |
| SGS 330: Globalization and the Environment: Problems and Solutions | POS 346: Problems of Democracy (HU) | GCU 357: Social Geography (SB) |
| SOC 333: Population (SB & G) | POS 351: Democratization (SB & G) | GCU 441: Economic Geography (SB) |
| SOS 447: Gender Culture and Development ((L or SB) & G) | POS 364: National Security Intelligence and Terrorism (SB) | GCU 442: Geographical Analysis of Transportation (SB) |
| STS 330: Information Technology and Globalization (SB & G) | POS 368: Ethics and Human Rights | GPH 210: Society and Environment (G) |
| STS 332: Global Issues in Science and Technology (SB) | POS 410: Governing American Cities (SB) | JUS 320: Community and Social Justice (SB & C) |
| | PUP 301: Introduction to Urban Planning (L) | JUS 321: Wealth Distribution and Poverty (SB & C) |
| | PUP 430: Transportation Planning and the Environment | |
| | SGS 330: Globalization and the Environment: Problems and Solutions | |

| | | |
|--|---|---|
| TEM 450: Design for the Developing World | SOS 371: Inequality and Sustainability | JUS 405: Inequality Economy and Justice ((L or SB) & G) |
| TEM 455: Global Impact Entrepreneurship | STS 325: Science Technology and Public Policy (SB) | JUS 430: Social Protest Conflict and Change ((L or SB) & C) |
| WST 378: Global Feminist Theory (L & G) | TCL 340: Chicana/o and Latina/o Politics and Policy (L & C) | JUS 444: Environment and Justice (L & C) |
| SGS 303: Global Trends (SB & G) | | PSY 306: Environmental Psychology (SB) |
| | | PSY 350: Social Psychology (SB) |
| | | SGS 330: Globalization and the Environment: Problems and Solutions |
| | | SOC 270: Racial and Ethnic Relations (SB & C) |
| | | SOC 331: Environmental Sociology (SB & G) |
| | | SOC 332: The Modern City (G) |
| | | SOC 334: Technology and Society (L or SB) |
| | | SOC 352: Social Change (SB & G & H) |
| | | SOS 309: History and Philosophy of Sustainability or HST 308: History and Philosophy of Sustainability or PHI 322: History and Philosophy of Sustainability |
| | | SOS 447: Gender Culture and Development ((L or SB) & G) |
| | | SOS 467: Art and Ecology |
| | | WST 375: Women and Social Change (SB & C) |
| | | WST 380: Race Gender and Class (SB & C) |
| | | WST 457: Women Cultures and Societies (SB & G) |

Sustainable Urban Dynamics Track

Required Course:

SOS 323: Sustainable Urban Dynamics or
SOS 465: Sustainable Urbanism

Electives:

ABS 260: Fundamentals of Sustainable
Horticulture (SG)

ABS 364: Urban Forestry

ALA 100: Introduction to Environmental
Design (HU & H & G)

ALA 102: Landscapes and Sustainability (HU
& G)

APH 300: World Architecture I/Western
Cultures (HU & H & G)

ASB 442: Global Cities (SB & G) or SBS 460:
Global Cities (SB & G)

CHE 469: Air Quality Engineering

GCU 359: Cities of the World I (SB & G & H)

GCU 361: Urban Geography (SB)

GCU 425: Geography of the Mexican
American Borderland ((L or SB) & G)

GCU 442: Geographical Analysis of
Transportation (SB)

PAF 220: Introduction to Urban America

PAF 240: Urban Policy (C)

PAF 305: Urban Governance

PAF 351: Urban and Metropolitan Studies

PAF 352: Urban Theory

POS 410: Governing American Cities (SB)

POS 464: Border Cities: Action Research on
Globalization (SB & G)

PUP 200: Cities in Cinema (HU & H & G)

PUP 301: Introduction to Urban Planning (L)

PUP 363: History of Planning

PUP 410: Public Participation in Planning

PUP 430: Transportation Planning and the
Environment

SOC 331: Environmental Sociology (SB & G)

SOS 330: Sustaining the Commons (L)

SOS 414: Urban and Environmental Health
(SB) or ASM 414: Urban and Environmental
Health (SB)

SOS 498: Designing a Living Building (L)

STS 325: Science Technology and Public
Policy (SB)

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 3.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.

2020 - 2021 Major Map

Supply Chain Management, BS

School/College: W. P. Carey School of Business

Location:
BASCMBBS

and









Sustainability,





BA

College of Global Futures

SUSUSTBA

In order to complete this concurrent degree in 4 years, you must take courses during the summer. This may impact your financial aid. Financial aid is available to those who apply and qualify, and students may receive funds to help cover costs for each semester of enrollment. The amount of financial aid that a student is eligible for varies depending on prior education experience and other individual factors. [Learn](#) more about summer financial aid and additional ways to cover summer costs.

| Term 1 0 - 17 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  ASU 101-SOS: The ASU Experience OR WPC 101: Student Success in Business OR SOS 201: Introduction to ASU and Sustainability | 1 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. ASU 101-SOS or WPC 101 meets this requirement. • SOS 201 required of all Sustainability transfer students • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement or proficiency exam. CLEP and AP credit are also viable options for fulfilling the second language requirement • A score of 4 or 5 on the AP Environmental Science exam fulfills the SOS 110 course requirement |
|  CIS 105: Computer Applications and Information Technology (CS) | 3 | C | |
|  MAT 210: Brief Calculus (MA) | 3 | C | |
|  SOS 110: Sustainable World (SB) OR SOS 111: Sustainable Cities ((HU or SB) & G) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
|  Business Skills Courses: No Grades of D or E | | | |
|  Minimum 2.50 GPA ASU Cumulative. | | | |
|  Minimum 2.50 GPA in BMY, SFS and SOS. | | | |
| Term hours subtotal: | 17 | | |

| Term 2 17 - 33 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  MAT 211: Mathematics for Business Analysis | 3 | C | <ul style="list-style-type: none"> • Join a student club or organization • Create your first college resume • Research study abroad opportunities recommended for your major |
|  SOS 110: Sustainable World (SB) OR SOS 111: Sustainable Cities ((HU or SB) & G) | 3 | C | |
| ECN 211: Macroeconomic Principles (SB) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
|  Business Skills Courses: No Grades of D or E | | | |

❖ Complete ENG 101 OR ENG 105 OR ENG 107 course(s).

❖ Minimum 2.50 GPA ASU Cumulative.

❖ Minimum 2.50 GPA in BMY, SFS and SOS.

Term hours subtotal: 16

| Summer 2 Session 1 33 - 40 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| PSY 101: Introduction to Psychology (SB) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 7 | | |

| Summer 2 Session 2 40 - 43 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ECN 212: Microeconomic Principles (SB) | 3 | C | |
| Term hours subtotal: | 3 | | |

| Term 3 43 - 59 Credit Hours Critical course signified by ❖ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-----------------------------------|
| ❖ ACC 231: Uses of Accounting Information I | 3 | C | • Explore career resources |
| ❖ ECN 221: Business Statistics (CS) | 3 | C | |
| SOS 220: Systems Thinking | 3 | C | |
| SOS 232: Professional Skills in Sustainability Practice | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| ❖ Business Skills Courses: No Grades of D or E | | | |
| ❖ Complete ECN 211 AND ECN 212. | | | |
| ❖ Minimum 2.50 GPA ASU Cumulative. | | | |
| ❖ Minimum 2.50 GPA in BMY, SFS and SOS. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 59 - 76 Credit Hours Critical course signified by ❖ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ❖ ACC 241: Uses of Accounting Information II | 3 | C | • Select one of the following challenge area tracks : Policy and Governance in Sustainable Systems (SOS 321), International Development and Sustainability (SOS 322), or Sustainable Urban Dynamics (SOS 323 OR SOS 465). |
| ❖ SCM 300: Global Supply Operations | 3 | C | |
| Complete 2 courses: SOS 321: Policy and Governance in Sustainable Systems OR SOS 322: International Development and Sustainability OR SOS 323: Sustainable Urban Dynamics OR SOS 324: Sustainable Energy Technology and Systems OR SOS 325: The Economics of Sustainability OR SOS 326: Sustainable Ecosystems OR SOS 327: Sustainable Food and Farms OR SOS 328: Sustainability and Enterprise OR SOS 465: Sustainable Urbanism | 6 | C | • Students must complete the course that corresponds with the track they have chosen, as well as SOS 320 and any two additional track courses, for a total of 12 credit hours of track courses. |
| SOS 231: Careers in Sustainability | 1 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | • Students must complete six credit hours of challenge area/track electives related to the track they select. |
| ❖ Business Skills Courses: No Grades of D or E | | | |
| ❖ Complete SOS 220 course(s). | | | |

📌 Milestone: Select a Sustainability track

📌 Minimum 2.50 GPA ASU Cumulative.

📌 Minimum 2.50 GPA in BMY, SFS and SOS.

Term hours subtotal: 17

| Summer 4 Session 1 76 - 83 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| WPC 300: Problem Solving and Actionable Analytics | 3 | C | |
| Natural Science - General (SG) or Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 7 | | |

| Summer 4 Session 2 83 - 86 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ENG 302: Business Writing (L) | 3 | | |
| Term hours subtotal: | 3 | | |

| Term 5 86 - 104 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ SCM 315: Business Decision Models | 3 | C | • Attend Career Fairs • Apply for internships or create one • Complete informational interviews |
| ★ SCM 345: Logistics Management | 3 | C | |
| MGT 300: Organization and Management Leadership | 3 | C | |
| SOS 311: Future Thinking and Strategies | 3 | C | |
| SOS 320: Society and Sustainability (L or SB) | 3 | C | |
| Upper Division International Development and Sustainability Track - Required Course OR Upper Division Policy and Governance in Sustainable Systems Track - Required Course OR Upper Division Sustainable Urban Dynamics Track - Required Course | 3 | C | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| ★ Minimum 2.50 GPA in BMY, SFS and SOS. | | | |
| Term hours subtotal: | 18 | | |

| Term 6 104 - 122 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ SCM 355: Supply Management (L) | 3 | C | |
| ★ SCM 432: Planning and Control Systems for Supply Chain Management | 3 | C | |
| ★ SCM 463: Global Supply Chain Management (G) OR Upper Division International Business Course | 3 | C | |
| International Development and Sustainability Track - Elective OR | | | |
| ★ Policy and Governance in Sustainable Systems Track - Elective OR Sustainable Urban Dynamics Track - Elective | 3 | C | |
| FIN 300: Fundamentals of Finance | 3 | C | |
| SOS 310: Equity, Justice and Sustainability | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| ★ Minimum 2.50 GPA in BMY, SFS and SOS. | | | |
| Term hours subtotal: | 18 | | |

| Term 7 122 - 138 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|---|---|----|
| ★ SCM 479: Supply Chain Strategy (L) | 3 | C |
| LES 305: Business Law and Ethics for Managers | 3 | C |
| MKT 300: Marketing and Business Performance | 3 | C |
| SCM 455: Research and Negotiation | 3 | C |
| SOS 484: Capstone: Internship | 4 | B- |
| ★ Minimum 2.50 GPA ASU Cumulative. | | |
| ★ Minimum 2.50 GPA in BMY, SFS and SOS. | | |
| Term hours subtotal: | | 16 |

- All upper-division Business Core classes (including International Business course) must be completed before enrolling in WPC 480.

| Term 8 138 - 153 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ WPC 480: W. P. Carey Capstone Course (L) | 3 | C | • Apply for full-time career opportunities |
| SOS 498: Pro-Seminar (L) | 3 | B- | |
| Upper Division International Development and Sustainability Track - Elective OR Upper Division Policy and Governance in Sustainable Systems Track - Elective OR Upper Division Sustainable Urban Dynamics Track - Elective | 3 | C | |
| SOS Upper Division Elective | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) AND Historical Awareness (H) | 3 | | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| ★ Minimum 2.50 GPA in BMY, SFS and SOS. | | | |
| Term hours subtotal: | | 15 | |

- Tracks available for the concurrent degree in Supply Chain Management and the BA in Sustainability:
 - Policy and Governance in Sustainable Systems
 - International Development and Sustainability
 - Sustainable Urban Dynamics

Students may choose any of the upper-division challenge area/track courses, but **must** complete at least the course that corresponds with the track they have chosen (e.g., if the Policy and Governance in Sustainable Systems track is chosen, students should choose SOS 321 and three other challenge area/track courses).

Hide Course List(s)/Track Group(s)

| Upper Division International Business Course - select one course (3 credit hours) | International Development and Sustainability Track | Policy and Governance in Sustainable Systems Track |
|---|---|---|
| AGB 302: International Management and Agribusiness (G) | Required Course: | Required Course: |
| ECN 306: Survey of International Economics (SB & G) | SOS 322: International Development and Sustainability | SOS 321: Policy and Governance in Sustainable Systems |
| MGT 302: Principles of International Business (G) | Electives: | Electives: |
| MKT 425: Global Marketing Management (G) | AFR 340: The Making of Modern Africa (SB & G & H) | AGB 414: Food and Agribusiness Policy Issues (L) |
| | ALT 412: Village Energy Systems | ABS 381: Natural Resources Policy |
| | ASB 100: Introduction to Global Health (SB & G) | BIO 412: Conservation in Practice |

| | |
|--|---|
| FIS 337: Innovation and Global Development (G) | ECN 441: Public Economics (SB) |
| GCU 364: Energy in the Global Arena (SB & G) | GCU 361: Urban Geography (SB) |
| GPH 314: Global Change (HU & G) | GPH 314: Global Change (HU & G) |
| JUS 325: Globalization and Socio-Economic Justice (SB & G) or SGS 325: Globalization and Socio-Economic Justice (SB & G) | HST 345: Environmental History (L) |
| JUS 352: The Global Politics of Human Rights (SB & G) | JUS 332: Politics of Energy Policy and Justice |
| POS 160: Global Politics (SB & G) | PAF 300: Public Management and Administration |
| POS 368: Ethics and Human Rights | PAF 340: Contemporary Policy Challenges |
| POS 486: International Political Economy (SB & G) | PHI 407: Environmental Philosophy and Policy (L or HU) |
| SBS 480: Global Justice (G) | POS 160: Global Politics (SB & G) |
| SGS 301: Principles of Global Studies (G) | POS 300: Contemporary Global Controversies (SB & G) |
| SGS 303: Global Trends (SB & G) | POS 346: Problems of Democracy (HU) |
| SOC 333: Population (SB & G) | POS 351: Democratization (SB & G) |
| STS 330: Information Technology and Globalization (SB & G) | POS 364: National Security Intelligence and Terrorism (SB) |
| STS 332: Global Issues in Science and Technology (SB) | POS 368: Ethics and Human Rights |
| TEM 450: Design for the Developing World | POS 410: Governing American Cities (SB) |
| TEM 455: Global Impact Entrepreneurship | PUP 301: Introduction to Urban Planning (L) |
| WST 378: Global Feminist Theory (L & G) | PUP 430: Transportation Planning and the Environment |
| | SOS 371: Inequality and Sustainability |
| | STS 325: Science Technology and Public Policy (SB) |
| | TCL 340: Chicana/o and Latina/o Politics and Policy (L & C) |

| | |
|--|---|
| Sustainable Urban Dynamics Track | Business Skills Courses - No Grades of D or E |
| Required Course: | ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting |
| SOS 323: Sustainable Urban Dynamics or SOS 465: Sustainable Urbanism | |
| Electives: | ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting |
| ABS 260: Fundamentals of Sustainable Horticulture (SG) | |
| ABS 364: Urban Forestry | CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS) |
| APH 300: World Architecture I/Western Cultures (HU & H & G) | |
| ALA 100: Introduction to Environmental Design (HU & H & G) | ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB) |

| | |
|--|--|
| ALA 102: Landscapes and Sustainability (HU & G) | ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB) |
| ASB 442: Global Cities (SB & G) or SBS 460: Global Cities (SB & G) | ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS) |
| CHE 469: Air Quality Engineering | MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA) |
| GCU 359: Cities of the World I (SB & G & H) | MAT 211: Mathematics for Business Analysis or MAT 271: Calculus with Analytic Geometry II (MA) |
| GCU 361: Urban Geography (SB) | |
| GCU 425: Geography of the Mexican American Borderland ((L or SB) & G) | |
| GCU 442: Geographical Analysis of Transportation (SB) | |
| PAF 220: Introduction to Urban America | |
| PAF 240: Urban Policy (C) | |
| PAF 305: Urban Governance | |
| PAF 351: Urban and Metropolitan Studies | |
| PAF 352: Urban Theory | |
| POS 410: Governing American Cities (SB) | |
| POS 464: Border Cities: Action Research on Globalization (SB & G) | |
| PUP 200: Cities in Cinema (HU & H & G) | |
| PUP 301: Introduction to Urban Planning (L) | |
| PUP 363: History of Planning | |
| PUP 410: Public Participation in Planning | |
| PUP 430: Transportation Planning and the Environment | |
| SBS 450: Topics in Local/Global (SB & G) | |
| SOS 414: Urban and Environmental Health (SB) or ASM 414: Urban and Environmental Health (SB) | |
| SOS 498: Designing a Living Building (L) | |
| STS 325: Science Technology and Public Policy (SB) | |

Total Hours: 153

Upper Division Hours: 50 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)

- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition



General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map Sustainability, BA



School/College: [College of Global Futures](#)






Location: [Online](#)



SUSUSTBA

| Term 1 - A 0 - 7 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  SOS 191: Introduction to ASU and SOS for Freshmen OR SOS 201: Introduction to ASU and Sustainability | 1 | C | <ul style="list-style-type: none"> An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses SOS 191 or college-specific equivalent First-Year Seminar required of all first-year students SOS 201 required of all Sustainability transfer students |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| SOS 111: Sustainable Cities ((HU or SB) & G) | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> Mathematics Placement Assessment score determines placement in mathematics course View ASU Online first-year student registration information here. |
| SOS 101: Introduction to Applied Mathematics for the Life and Social Sciences (MA) | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
|  Minimum 2.50 GPA in BMY, SFS and SOS.  Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 9 | | |

| Term 2 - A 16 - 23 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| SOS 110: Sustainable World (SB) | 3 | C | <ul style="list-style-type: none"> Create a first draft resume. |
| Natural Science - Quantitative (SQ) | 4 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 7 | | |

| Term 2 - B 23 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  SOS 220: Systems Thinking | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
|  Complete SOS 110 AND SOS 111 course(s). | | | |
|  Minimum 2.50 GPA in BMY, SFS and SOS.  Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 7 | | |

| Term 3 - A 30 - 37 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  SOS 232: Professional Skills in Sustainability Practice | 3 | C | <ul style="list-style-type: none"> ASU Language Placement: Only true beginners are eligible for 101-level courses. |

Second Language: Requirement satisfied through the following:
 * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.

4 C

Term hours subtotal: 7

All other students are required to take a placement or proficiency exam, regardless of prior credit earned. CLEP and AP credit are also viable options for fulfilling the second language requirement.

- Develop your skills.

| Term 3 - B 37 - 44 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

STP 226: Elements of Statistics (CS) 3 C

Second Language: Requirement satisfied through the following:
 * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.

4 C

 Minimum 2.50 GPA in BMY, SFS and SOS.

 Minimum 2.50 GPA ASU Cumulative.

 Complete Mathematics (MA) requirement.

Term hours subtotal: 7

| Term 4 - A 44 - 51 Credit Hours | Hours | Minimum Grade | Notes |
|---------------------------------|-------|---------------|-------|
|---------------------------------|-------|---------------|-------|

SOS 320: Society and Sustainability (L or SB) OR SOS 321: Policy and Governance in Sustainable Systems OR SOS 322: International Development and Sustainability OR SOS 323: Sustainable Urban Dynamics OR SOS 324: Sustainable Energy Technology and Systems OR SOS 325: The Economics of Sustainability OR SOS 326: Sustainable Ecosystems OR SOS 327: Sustainable Food and Farms OR SOS 328: Sustainability and Enterprise OR SOS 465: Sustainable Urbanism 3 C

- See track/group notes below for Challenge Area/Track requirement details

Second Language: Requirement satisfied through the following:
 * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.

4 C

Term hours subtotal: 7

| Term 4 - B 51 - 58 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

SOS 320: Society and Sustainability (L or SB) OR SOS 321: Policy and Governance in Sustainable Systems OR SOS 322: International Development and Sustainability OR SOS 323: Sustainable Urban Dynamics OR SOS 324: Sustainable Energy Technology and Systems OR SOS 325: The Economics of Sustainability OR SOS 326: Sustainable Ecosystems OR SOS 327: Sustainable Food and Farms OR SOS 328: Sustainability and Enterprise OR SOS 465: Sustainable Urbanism 3 C

- See track/group notes below for Challenge Area/Track requirement details

Second Language: Requirement satisfied through the following:
 * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.

4 C

 Milestone: Select a track.

 Minimum 2.50 GPA in BMY, SFS and SOS.

 Minimum 2.50 GPA ASU Cumulative.

Term hours subtotal: 7

| Term 5 - A 58 - 65 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

 SOS 231: Careers in Sustainability 1 C

SOS 320: Society and Sustainability (L or SB) OR SOS 321: Policy and Governance in Sustainable Systems OR SOS 322: International Development and Sustainability OR SOS 323: Sustainable Urban Dynamics OR SOS 324: Sustainable Energy Technology and Systems OR SOS 325: The Economics of Sustainability OR SOS 326: Sustainable Ecosystems OR SOS 327: Sustainable Food and Farms OR SOS 328: Sustainability and Enterprise OR SOS 465: Sustainable Urbanism

3 C

.....
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) 3

.....
Term hours subtotal: 7

- See track/group notes below for Challenge Area/Track requirement details.
- Schedule an appointment with the **School of Sustainability Career Advisor** to review your resume.




| Term 5 - B 65 - 74 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| SOS 311: Future Thinking and Strategies | 3 | C | • See track/group notes below for Challenge Area/Track requirement details |
| Upper Division Track Required Course | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| | | | |
| ★ Minimum 2.50 GPA in BMY, SFS and SOS. | | | |
| | | | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| | | | |
| Term hours subtotal: | | 9 | |



| Term 6 - A 74 - 80 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| SOS 310: Equity, Justice and Sustainability | 3 | C | • All students must complete 12 hours of approved Related Discipline courses. A Related Discipline is a concentration outside of Sustainability that augments the student's Sustainability education. See advisor for approval. |
| Related Discipline Elective | 3 | C | |
| Term hours subtotal: | | 6 | |
| | | | |
| • Explore internship opportunities and schedule an appointment with the School of Sustainability Assistant Director of Internships and Experiential Education to discuss your interests. | | | |

| Term 6 - B 80 - 89 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| Related Discipline Elective | 3 | C | • See lists below for Track Elective options. See advisor to request approval of Track Electives not on the list. |
| Track Elective Course | 3 | C | |
| Elective | 3 | | |
| | | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| | | | |
| ★ Minimum 2.50 GPA in BMY, SFS and SOS. | | | |
| | | | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| | | | |
| Term hours subtotal: | | 9 | |

| Term 7 - A 89 - 98 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| Upper Division Related Discipline Elective | 3 | C | • See lists below for Track Elective options. See advisor to request approval of Track Electives not on the list. |
| Upper Division Track Elective Course | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | | 9 | • All students must complete 12 hours of approved Related Discipline courses. A Related Discipline is a concentration outside |

of Sustainability that augments the student's Sustainability education. See advisor for approval.

| Term 7 - B 98 - 107 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| SOS 498: Pro-Seminar (L) | 3 | B- | <ul style="list-style-type: none"> Schedule an appointment with the School of Sustainability Career Advisor to discuss and refine your career search process. |
| Upper Division Related Discipline Elective | 3 | C | |
| Elective | 3 | | |
|  Minimum 2.50 GPA in BMY, SFS and SOS. | | | |
|  Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 9 | | |

| Term 8 - A 107 - 113 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  SOS 484: Capstone: Internship | 4 | B- | <ul style="list-style-type: none"> All students must complete 12 hours of approved Related Discipline courses. A Related Discipline is a concentration outside of Sustainability that augments the student's Sustainability education. See advisor for approval. |
| Upper Division Elective | 2 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 113 - 120 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| SOS Upper Division Elective | 3 | C | |
| Upper Division Elective | 3 | | |
| Elective | 1 | | |
|  Minimum 2.50 GPA in BMY, SFS and SOS. | | | |
|  Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 7 | | |

- BA Students must select one of the following challenge area tracks:
 - Society & Sustainability (SOS 320)
 - Policy and Governance in Sustainable Systems (SOS 321)
 - International Development and Sustainability (SOS 322)
 - Sustainable Urban Dynamics (SOS 323 or SOS 465)
 - Students must declare a track by the end of Term 4
 - Students must complete the one required track course for their chosen track.
 - Students must also complete any additional three track courses for a total of four (12 credit hours) track courses. Select from SOS 320, SOS 321, SOS 322, SOS 323, SOS 324, SOS 325, SOS 326, SOS 327, SOS 328, or SOS 465.
 - Students must complete two track elective courses from their chosen track. At least one track elective course must be upper division.

Example: If the Society and Sustainability Track is chosen, students must complete SOS 320 and any three additional track courses by the end of Term 5.

More information on BA Tracks can be found [here](#).

Hide Course List(s)/Track Group(s)

| International Development and Sustainability Track | Policy and Governance in Sustainable Systems Track | Society and Sustainability Track |
|--|---|--|
| Required Course: | Required Course: | Required Course: |
| SOS 322: International Development and Sustainability | SOS 321: Policy and Governance in Sustainable Systems | SOS 320: Society and Sustainability (L or SB) |
| Electives: | Electives: | Electives: |
| ASB 100: Introduction to Global Health (SB & G) | BIO 412: Conservation in Practice | ASB 370: Ethics of Eating (L or SB) |
| GPH 314: Global Change (HU & G) | GCU 361: Urban Geography (SB) | ENG 367: Environmental Issues in Literature and Film (L or HU) |
| JUS 352: The Global Politics of Human Rights (SB & G) | GPH 314: Global Change (HU & G) | GCU 350: The Geography of World Crises (SB & G) |
| POS 160: Global Politics (SB & G) | HST 345: Environmental History (L) | GCU 351: Population Geography (SB & G) |
| POS 368: Ethics and Human Rights | PAF 300: Public Management and Administration | GCU 442: Geographical Analysis of Transportation (SB) |
| POS 486: International Political Economy (SB & G) | PAF 340: Contemporary Policy Challenges | GPH 210: Society and Environment (G) |
| SGS 301: Principles of Global Studies (G) | POS 160: Global Politics (SB & G) | PSY 350: Social Psychology (SB) |
| SGS 303: Global Trends (SB) | POS 300: Contemporary Global Controversies (SB & G) | SOC 270: Racial and Ethnic Relations (SB & C) |
| STS 330: Information Technology and Globalization (SB & G) | POS 351: Democratization (SB & G) | SOC 332: The Modern City (G) |
| STS 332: Global Issues in Science and Technology (SB) | POS 368: Ethics and Human Rights | SOC 334: Technology and Society (L or SB) |
| TEM 450: Design for the Developing World | PUP 301: Introduction to Urban Planning (L) | SOC 352: Social Change (SB & G & H) |
| TEM 455: Global Impact Entrepreneurship | PUP 430: Transportation Planning and the Environment | WST 380: Race Gender and Class (SB & C) |
| WST 378: Global Feminist Theory (L & G) | | |
| Sustainable Urban Dynamics Track | | |
| Required Course: | | |
| SOS 323: Sustainable Urban Dynamics or SOS 465: Sustainable Urbanism | | |
| Electives: | | |
| ALA 100: Introduction to Environmental Design (HU & H & G) | | |
| GCU 361: Urban Geography (SB) | | |
| GCU 442: Geographical Analysis of Transportation (SB) | | |
| PUP 200: Cities in Cinema (HU & H & G) | | |
| PUP 301: Introduction to Urban Planning (L) | | |
| PUP 363: History of Planning | | |
| PUP 410: Public Participation in Planning | | |

PUP 430: Transportation Planning and the Environment

SOS 414: Urban and Environmental Health (SB)

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 3.0 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.













2020 - 2021 Major Map

Sustainability, BS

School/College: College of Global Futures

Location: Polytechnic campus, Tempe campus

SUSUSTBS

| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes | |
|--|-------|---------------|--|-------|
|  SOS 101: Introduction to Applied Mathematics for the Life and Social Sciences (MA) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • SOS 191 or college-specific equivalent First-Year Seminar required of all first-year students. • SOS 201 required of all Sustainability transfer students. • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement or proficiency exam, regardless of prior credit earned. CLEP and AP credit are also viable options for fulfilling the second language requirement. | |
|  SOS 191: Introduction to ASU and SOS for Freshmen OR SOS 201: Introduction to ASU and Sustainability | 1 | C | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | | |
| SOS 111: Sustainable Cities ((HU or SB) & G) | 3 | C | | |
| Second Language: Requirement satisfied through the following: * Completion of language course(s) at the 102 level. | 4 | C | | |
|  Minimum 2.50 GPA in BMJ, SFS and SOS. | | | | |
|  Minimum 2.50 GPA ASU Cumulative. | | | | |
| Term hours subtotal: | 14 | | | |
| <hr/> | | | | |
| Term 2 14 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | | Notes |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement or proficiency exam, regardless of prior credit earned. CLEP and AP credit are also viable options for fulfilling the second language requirement. • Join a student club or professional organization. | |
| SOS 110: Sustainable World (SB) | 3 | C | | |
| SOS 211: Calculus and Probability for the Life and Social Sciences (MA) | 3 | C | | |
| Second Language: Requirement satisfied through the following: * Completion of language course(s) at the 102 level. | 4 | C | | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | | |
|  Complete SOS 110 AND SOS 111 course(s). | | | | |
|  Minimum 2.50 GPA in BMJ, SFS and SOS. | | | | |
|  Minimum 2.50 GPA ASU Cumulative. | | | | |
| Term hours subtotal: | 16 | | | |
| <hr/> | | | | |
| Term 3 30 - 46 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes | |
|  SOS 220: Systems Thinking | 3 | C | <ul style="list-style-type: none"> • Create a first draft resume and start attending sustainability career-related workshops and lectures. | |
| SOS 212: Systems, Dynamics and Sustainability | 3 | C | | |
| SOS 232: Professional Skills in Sustainability Practice | 3 | C | | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | | |
| Natural Science - Quantitative (SQ) | 4 | | | |

- ◆ Complete First-Year Composition requirement.
- ◆ Minimum 2.50 GPA in BMY, SFS and SOS.
- ◆ Minimum 2.50 GPA ASU Cumulative.
- Complete Mathematics (MA) requirement.

Term hours subtotal: 16

| Term 4 46 - 63 Credit Hours Critical course signified by ◆ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| SOS 320: Society and Sustainability (L or SB) OR SOS 321: Policy and Governance in Sustainable Systems OR SOS 322: International Development and Sustainability OR SOS 323: Sustainable Urban | | | <ul style="list-style-type: none"> See track/group notes below for Track requirement details. |
| ◆ Dynamics OR SOS 324: Sustainable Energy Technology and Systems OR SOS 325: The Economics of Sustainability OR SOS 326: Sustainable Ecosystems OR SOS 327: Sustainable Food and Farms OR SOS 328: Sustainability and Enterprise OR SOS 465: Sustainable Urbanism | 3 | C | |
| SOS 231: Careers in Sustainability | 1 | C | |
| SOS 310: Equity, Justice and Sustainability | 3 | C | |
| Upper Division Track Required Course | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| ◆ Complete SOS 211 AND SOS 212 course(s). | | | |
| ◆ Complete SOS 231 AND SOS 232 course(s). | | | |
| ◆ Milestone: Select a track. | | | |
| ◆ Minimum 2.50 GPA in BMY, SFS and SOS. | | | |
| ◆ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | | 17 | |

| Term 5 63 - 78 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes | |
|---|-------|---------------|--|--|
| <i>Complete 2 courses:</i> | | | <ul style="list-style-type: none"> See track/group notes below for Track requirement details. All students must complete 12 hours of approved Related Discipline courses. A Related Discipline is a concentration outside of Sustainability that augments the student's Sustainability education. See advisor for approval. Meet with the School of Sustainability Career Advisor to review your resume. | |
| SOS 320: Society and Sustainability (L or SB) OR SOS 321: Policy and Governance in Sustainable Systems OR SOS 322: International Development and Sustainability OR SOS 323: Sustainable Urban | | | | |
| ★ Dynamics OR SOS 324: Sustainable Energy Technology and Systems OR SOS 325: The Economics of Sustainability OR SOS 326: Sustainable Ecosystems OR SOS 327: Sustainable Food and Farms OR SOS 328: Sustainability and Enterprise OR SOS 465: Sustainable Urbanism | 6 | C | | |
| SOS 311: Future Thinking and Strategies | 3 | C | | |
| Related Discipline Elective | 3 | C | | |
| Elective | 3 | | | |
| ★ Minimum 2.50 GPA in BMY, SFS and SOS. | | | | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | | |
| Term hours subtotal: | | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| Track Elective Course | 3 | C | <ul style="list-style-type: none"> See track/group notes below for Track elective details. |
| Related Discipline Elective | 3 | C | |

| | |
|--|----|
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 |
| Literacy and Critical Inquiry (L) | 3 |
| Elective | 3 |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | |
| ★ Minimum 2.50 GPA in BMY, SFS and SOS. | |
| ★ Minimum 2.50 GPA ASU Cumulative. | |
| Term hours subtotal: | 15 |

- All students must complete 12 hours of approved Related Discipline courses. A Related Discipline is a concentration outside of Sustainability that augments the student's Sustainability education. See advisor for approval.
- Begin **exploring internship opportunities** and meet with the School of Sustainability Assistant Director of Internships and Experiential Education to discuss your interests.

| Term 7 93 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| SOS 484: Capstone: Internship | 4 | B- | <ul style="list-style-type: none"> • See track/group notes below for Track elective details. • All students must complete 12 hours of approved Related Discipline courses. A Related Discipline is a concentration outside of Sustainability that augments the student's Sustainability education. See advisor for approval. • Meet with the School of Sustainability Career Advisor to discuss and refine your career search process. |
| Upper Division Related Discipline Elective | 3 | C | |
| Upper Division Track Elective Course | 3 | C | |
| Upper Division Elective | 2 | | |
| Elective | 3 | | |
| ★ Minimum 2.50 GPA in BMY, SFS and SOS. | | | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| SOS 498: Pro-Seminar (L) OR SOS 493: Honors Thesis (L) OR SOS 475: Collaborative Design Development II (L) | 3 | B- | <ul style="list-style-type: none"> • All students must complete 12 hours of approved Related Discipline courses. A Related Discipline is a concentration outside of Sustainability that augments the student's Sustainability education. See advisor for approval. |
| SOS Upper Division Elective | 3 | C | |
| Upper Division Related Discipline Elective | 3 | C | |
| Upper Division Elective | 3 | | |
| ★ Minimum 2.50 GPA in BMY, SFS and SOS. | | | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 12 | | |

- BS Students must select one of the following challenge area tracks:
 - Energy, Materials, and Technology (SOS 324)
 - Economics of Sustainability (SOS 325)
 - Sustainable Ecosystems (SOS 326)
- Students must declare a track by the end of Term 4
- Students must complete the one required track course for their chosen track.
- Students must also complete any additional three track courses for a total of four (12 credit hours) track courses. Select from SOS 320, SOS 321, SOS 322, SOS 323, SOS 324, SOS 325, SOS 326, SOS 327, SOS 328, or SOS 465.
- Students must complete two track elective courses from their chosen track. At least one track elective must be upper division.

Example: If the Economics of Sustainability Track is chosen, students must complete SOS 325 and any three additional track courses by the end of Term 5.

More information on BS Tracks can be found [here](#).

Hide Course List(s)/Track Group(s)

| Economics of Sustainability Track | Ecosystems Sustainability Track | Sustainable Energy Materials and Technology Track |
|--|--|---|
| Required Course: | Required Course: | Required Course: |
| SOS 325: The Economics of Sustainability | SOS 326: Sustainable Ecosystems | SOS 324: Sustainable Energy Technology and Systems |
| Electives: | Electives: | Electives: |
| ASB 316: Money and Culture (L or SB) | ABS 364: Urban Forestry | ALA 100: Introduction to Environmental Design (HU & H & G) |
| ECN 211: Macroeconomic Principles (SB) | ABS 370: Ecology | ALA 102: Landscapes and Sustainability (HU & G) |
| ECN 212: Microeconomic Principles (SB) | ABS 430: Watershed Management | ALT 435: Applied Photovoltaics |
| ECN 306: Survey of International Economics (SB & G) | ABS 481: Riparian and Wetland Restoration | APH 313: History of Architecture I ((L or HU) & G & H) |
| ECN 312: Intermediate Microeconomic Theory (SB) | BIO 181: General Biology I (SQ) | CEE 400: Earth Systems Engineering and Management ((L or HU) & H) |
| ECN 313: Intermediate Macroeconomic Theory (SB) | BIO 182: General Biology II (SG) | CHM 107: Chemistry and Society (SQ) |
| ECN 345: Survey of Environmental and Resource Economics | BIO 303: Plant Diversity and Evolution (L or SG) | CON 101: Construction and Culture: a Built Environment (HU & H) |
| ECN 360: Economic Development (SB & G) | BIO 304: Plants and Civilization (L) or PLB 302: Plants and Civilization (L) | ERM 201: Environmental Management |
| ECN 413: Advanced Honors Macroeconomics | BIO 308: Plant Physiology | ERM 203: Environmental Regulations |
| ECN 414: Advanced Honors Microeconomics | BIO 311: Biology and Society | ERM 302: Water and Wastewater Treatment Technology |
| ECN 425: Introduction to Econometrics | BIO 313: The Flora of Arizona | ERM 401: Hazardous Waste Management |
| ECN 436: International Trade Theory (SB & G) | BIO 320: Fundamentals of Ecology | ERM 426: Environmental Issues |
| ECN 445: Environmental Economics | BIO 322: Conservation of Biodiversity | ERM 428: International Environmental Management (G) |
| GCU 441: Economic Geography (SB) | BIO 323: Ecosystem Restoration and Management | GCU 364: Energy in the Global Arena (SB & G) |
| POS 486: International Political Economy (SB & G) | BIO 325: Oceanography or GLG 325: Oceanography | GPH 405: Energy and Environment |
| SGS 330: Globalization and the Environment: Problems and Solutions | BIO 331: Animal Behavior | GPH 412: Physical Meteorology |
| SOS 371: Inequality and Sustainability | BIO 370: Vertebrate Zoology | HST 302: Energy Transitions and Sustainability ((HU or SB) & G & H) |
| | BIO 386: General Entomology | IND 242: Materials and Design |
| | BIO 410: Techniques in Conservation Biology and Ecology (L) | SOS 181: Technological Social and Sustainable Systems (HU) |
| | BIO 411: Quantitative Methods in Conservation and Ecology | SOS 315: Energy Policy |
| | BIO 412: Conservation in Practice | SOS 435: U.S. Energy: Pathways to Sustainability |
| | BIO 421: Landscape Ecology | |
| | BIO 423: Population and Community Ecology | |
| | BIO 434: People and Nature: Ecosystem Services | |
| | BIO 471: Ornithology | |

| | |
|---|--|
| BIO 472: Mammalogy | SOS 474: Collaborative Design Development I (L) |
| BIO 474: Herpetology | |
| CHM 302: Environmental Chemistry | SOS 475: Collaborative Design Development II (L) |
| GLG 110: Dangerous World (SQ & G) | SOS 494: Renewable Energy |
| GPH 314: Global Change (HU & G) | |
| HST 345: Environmental History (L) | |
| MIC 220: Biology of Microorganisms | |
| PLB 300: Plant Diversity and Evolution (L or SG) | |
| PLB 310: The Flora of Arizona | |
| SOS 372: Earth Science in Arizona and the Southwest | |
| SOS 374: Earth's Critical Zone | |
| SOS 375: Humans and the Environment: What's the Connection? ((L or SB) & G) | |
| SOS 414: Urban and Environmental Health (SB) | |
| SOS 429: Human Impacts on Ecosystem Functioning | |
| SOS 433: Sustainable Water Use | |
| SOS 476: Climate Science for Sustainability | |

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 3.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition



General Studies designations listed on the major map are current for the 2020 - 2021 academic year.





2020 - 2021 Major Map Sustainability, BS

School/College: [College of Global Futures](#)






Location: [Online](#)



SUSUSTBS

| Term 1 - A 0 - 7 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  SOS 191: Introduction to ASU and SOS for Freshmen OR SOS 201: Introduction to ASU and Sustainability | 1 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • SOS 191 or college-specific equivalent First-Year Seminar is required of all first-year students • SOS 201 required of all Sustainability transfer students |
| ENG 101 or ENG 102: First-Year Composition OR | 3 | C | |
| ENG 105: Advanced First-Year Composition OR | | | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| SOS 111: Sustainable Cities ((HU or SB) & G) | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 13 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  SOS 101: Introduction to Applied Mathematics for the Life and Social Sciences (MA) | 3 | C | <ul style="list-style-type: none"> • Mathematics Placement Assessment score determines placement in mathematics course • View ASU Online First Time First-Year Student Registration Information here. |
| ENG 101 or ENG 102: First-Year Composition OR | 3 | C | |
| ENG 105: Advanced First-Year Composition OR | | | |
| ENG 107 or ENG 108: First-Year Composition | | | |
|  Minimum 2.50 GPA in BMJ, SFS and SOS. | | | |
|  Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 6 | | |

| Term 2 - A 13 - 22 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| SOS 110: Sustainable World (SB) | 3 | C | <ul style="list-style-type: none"> • Create a first draft resume. |
| SOS 211: Calculus and Probability for the Life and Social Sciences (MA) | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 2 - B 22 - 29 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| SOS 212: Systems, Dynamics and Sustainability | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Complete SOS 110 AND SOS 111 course(s). | | | |
|  Minimum 2.50 GPA in BMJ, SFS and SOS. | | | |
|  Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 7 | | |

| Term 3 - A 29 - 36 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  SOS 220: Systems Thinking | 3 | C | <ul style="list-style-type: none"> • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other |






Second Language: Requirement satisfied through the following: 4 C


* Completion of language course(s) at the 102 level.






Term hours subtotal: 7


students are required to take a placement or proficiency exam, regardless of prior credit earned. CLEP and AP credit are also viable options for fulfilling the second language requirement.

- Develop your **skills**.

| Term 3 - B 36 - 43 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  SOS 232: Professional Skills in Sustainability Practice | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of language course(s) at the 102 level. | 4 | C | |
|  Minimum 2.50 GPA in BMY, SFS and SOS. | | | |
|  Minimum 2.50 GPA ASU Cumulative. | | | |
|  Complete SOS 211 AND SOS 212 course(s). | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 7 | | |

| Term 4 - A 43 - 50 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| SOS 320: Society and Sustainability (L or SB) OR SOS 321: Policy and Governance in Sustainable Systems OR SOS 322: International Development and Sustainability OR SOS 323: Sustainable Urban Dynamics OR SOS 324: Sustainable Energy Technology and Systems OR SOS 325: The Economics of Sustainability OR SOS 326: Sustainable Ecosystems OR SOS 327: Sustainable Food and Farms OR SOS 328: Sustainability and Enterprise OR SOS 465: Sustainable Urbanism | 3 | C | • See track/group notes below for Challenge Area/Track requirement details |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 4 - B 50 - 57 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  SOS 231: Careers in Sustainability | 1 | C | • See track/group notes below for Challenge Area/Track requirement details |
| SOS 320: Society and Sustainability (L or SB) OR SOS 321: Policy and Governance in Sustainable Systems OR SOS 322: International Development and Sustainability OR SOS 323: Sustainable Urban Dynamics OR SOS 324: Sustainable Energy Technology and Systems OR SOS 325: The Economics of Sustainability OR SOS 326: Sustainable Ecosystems OR SOS 327: Sustainable Food and Farms OR SOS 328: Sustainability and Enterprise OR SOS 465: Sustainable Urbanism | 3 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
|  Milestone: Select a track. | | | |
|  Minimum 2.50 GPA in BMY, SFS and SOS. | | | |
|  Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 7 | | |

| Term 5 - A 57 - 66 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| SOS 320: Society and Sustainability (L or SB) OR SOS 321: Policy and Governance in Sustainable Systems OR SOS 322: International Development and Sustainability OR SOS 323: Sustainable Urban | | | • See track/group notes below for Challenge Area/Track requirement details |

| | | |
|---|---|---|
| ★ Dynamics OR SOS 324: Sustainable Energy Technology and Systems OR SOS 325: The Economics of Sustainability OR SOS 326: Sustainable Ecosystems OR SOS 327: Sustainable Food and Farms OR SOS 328: Sustainability and Enterprise OR SOS 465: Sustainable Urbanism | 3 | C |
| Upper Division Track Required Course | 3 | C |
| Elective | 3 | |
| Term hours subtotal: | 9 | |

- Schedule an appointment with the **School of Sustainability Career Advisor** to review your resume.

| Term 5 - B 66 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| SOS 310: Equity, Justice and Sustainability | 3 | C | <ul style="list-style-type: none"> • See lists below for Track Elective options. See advisor to request approval of Track Electives not on the list. |
| Track Elective Course | 3 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| ★ Minimum 2.50 GPA in BMY, SFS and SOS. | | | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 9 | | |

| Term 6 - A 75 - 84 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| SOS 311: Future Thinking and Strategies | 3 | C | <ul style="list-style-type: none"> • See lists below for Track Elective options. See advisor to request approval of Track Electives not on the list. • All students must complete 12 hours of approved Related Discipline courses. A Related Discipline is a concentration outside of Sustainability that augments the student's Sustainability education. See advisor for approval. |
| Upper Division Track Elective Course | 3 | C | |
| Related Discipline Elective | 3 | C | |
| Term hours subtotal: | 9 | | |

| Term 6 - B 84 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| Related Discipline Elective | 3 | C | <ul style="list-style-type: none"> • All students must complete 12 hours of approved Related Discipline courses. A Related Discipline is a concentration outside of Sustainability that augments the student's Sustainability education. See advisor for approval. • Explore internship opportunities and schedule an appointment with the School of Sustainability Assistant Director of Internships and Experiential Education to discuss your interests. |
| Literacy and Critical Inquiry (L) | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| ★ Minimum 2.50 GPA in BMY, SFS and SOS. | | | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 6 | | |

| Term 7 - A 90 - 99 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| Upper Division Related Discipline Elective | 3 | C | <ul style="list-style-type: none"> • All students must complete 12 hours of approved Related Discipline courses. A Related Discipline is a concentration outside of Sustainability that augments the student's Sustainability education. See advisor for approval. |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 7 - B 99 - 105 Credit Hours Necessary course signified by | Minimum |
|--|---------|
|--|---------|

| ★ | Hours | Grade | Notes |
|--|-------|-------|---|
| SOS 498: Pro-Seminar (L) | 3 | B- | <ul style="list-style-type: none"> All students must complete 12 hours of approved Related Discipline courses. A Related Discipline is a concentration outside of Sustainability that augments the student's Sustainability education. See advisor for approval. Schedule an appointment with the School of Sustainability Career Advisor to discuss and refine your career search process. |
| Upper Division Related Discipline Elective | 3 | C | |
| ★ Minimum 2.50 GPA in BMY, SFS and SOS. | | | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 105 - 114 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ SOS 484: Capstone: Internship | 4 | B- | |
| Upper Division Elective | 2 | | |
| Elective | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 8 - B 114 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| SOS Upper Division Elective | 3 | C | |
| Upper Division Elective | 3 | | |
| ★ Minimum 2.50 GPA in BMY, SFS and SOS. | | | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 6 | | |

- BS Students must select one of the following challenge area tracks:
 - Energy, Materials, and Technology (SOS 324)
 - Economics of Sustainability (SOS 325)
 - Sustainable Ecosystems (SOS 326)
 - Students must declare a track by the end of Term 4
 - Students must complete the one required track course for their chosen track.
 - Students must also complete any additional three track courses for a total of four (12 credit hours) track courses. Select from SOS 320, SOS 321, SOS 322, SOS 323, SOS 324, SOS 325, SOS 326, SOS 327, SOS 328, or SOS 465.
 - Students must complete two track elective courses from their chosen track. At least one track elective must be upper division.

Example: If the Economics of Sustainability Track is chosen, students must complete SOS 325 and any three additional track courses by the end of Term 5.

More information on BS Tracks can be found [here](#).

Hide Course List(s)/Track Group(s)

| | | |
|--|---------------------------------|--|
| Economics of Sustainability Track | Ecosystems Sustainability Track | Sustainable Energy Materials and Technology Track |
| Required Course: | Required Course: | Required Course: |
| SOS 325: The Economics of Sustainability | SOS 326: Sustainable Ecosystems | SOS 324: Sustainable Energy Technology and Systems |
| Electives: | Electives: | |

| | | |
|---|--|---|
| ASB 316: Money and Culture (L or SB) | BIO 181: General Biology I (SQ) | Electives: |
| ECN 211: Macroeconomic Principles (SB) | BIO 182: General Biology II (SG) | ALA 100: Introduction to Environmental Design (HU & H & G) |
| ECN 212: Microeconomic Principles (SB) | BIO 304: Plants and Civilization (L) | CHM 107: Chemistry and Society (SQ) |
| ECN 306: Survey of International Economics (SB & G) | BIO 320: Fundamentals of Ecology | HST 302: Energy Transitions and Sustainability ((HU or SB) & G & H) |
| ECN 312: Intermediate Microeconomic Theory (SB) | BIO 331: Animal Behavior | SOS 315: Energy Policy |
| ECN 313: Intermediate Macroeconomic Theory (SB) | BIO 370: Vertebrate Zoology | SOS 494: Renewable Energy |
| ECN 360: Economic Development (SB & G) | BIO 412: Conservation in Practice | |
| ECN 436: International Trade Theory (SB & G) | GLG 110: Dangerous World (SG & G) | |
| POS 486: International Political Economy (SB & G) | GPH 314: Global Change (HU & G) | |
| | HST 345: Environmental History (L) | |
| | MIC 220: Biology of Microorganisms | |
| | SOS 414: Urban and Environmental Health (SB) | |

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 3.0 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.






2020 - 2021 Major Map






Sustainable Food Systems, BS



School/College: College of Global Futures

Location: Downtown Phoenix campus, Polytechnic campus, Tempe campus

SUSFOSYSBS

| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  SOS 101: Introduction to Applied Mathematics for the Life and Social Sciences (MA) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • SOS 191 or college-specific equivalent First-Year Seminar required of all first-year students. • SOS 201 required of all Sustainability transfer students. • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement or proficiency exam, regardless of prior credit earned. CLEP and AP credit are also viable options for fulfilling the second language requirement. |
|  SOS 191: Introduction to ASU and SOS for Freshmen OR SOS 201: Introduction to ASU and Sustainability | 1 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| SOS 111: Sustainable Cities ((HU or SB) & G) | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of language course(s) at the 102 level. | 4 | C | |
|  Minimum 2.50 GPA in BMY, SFS and SOS. | | | |
|  Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement or proficiency exam, regardless of prior credit earned. CLEP and AP credit are also viable options for fulfilling the second language requirement. • Join a student club or professional organization. |
| SOS 110: Sustainable World (SB) | 3 | C | |
| SOS 211: Calculus and Probability for the Life and Social Sciences (MA) | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of language course(s) at the 102 level. | 4 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Complete SOS 110 AND SOS 111 course(s). | | | |
|  Minimum 2.50 GPA in BMY, SFS and SOS. | | | |
|  Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 46 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  SOS 220: Systems Thinking | 3 | C | <ul style="list-style-type: none"> • Create a first draft resume. • Start attending sustainability career-related workshops and lectures. |
| CHM 101: Introductory Chemistry (SQ) OR CHM 113: General Chemistry I (SQ) OR CHM 114: General Chemistry for Engineers (SQ) | 4 | | |
| SFS 215: Fundamentals of U.S. Food and Agriculture | 3 | C | |

| | | |
|--|----|---|
| SOS 212: Systems, Dynamics and Sustainability | 3 | C |
| Computer/Statistics/Quantitative Applications (CS) | 3 | |
| ❖ Complete First-Year Composition requirement. | | |
| ❖ Minimum 2.50 GPA in BMY, SFS and SOS. | | |
| ❖ Minimum 2.50 GPA ASU Cumulative. | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 16 | |

| Term 4 46 - 60 Credit Hours Critical course signified by ❖ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| NTR 241: Human Nutrition | 3 | C | <ul style="list-style-type: none"> Students will select one focus area and complete 12 credits of courses from that area. Students may also talk with their academic advisor to craft a unique focus area. |
| SFS 216: Subsectors of U.S. Food and Agriculture | 3 | C | |
| SOS 182: Water Planet (SQ) | 4 | C | |
| SOS 231: Careers in Sustainability | 1 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| ❖ Complete SFS 215 AND SFS 216 course(s). | | | |
| ❖ Complete SOS 211 AND SOS 212 course(s). | | | |
| ❖ Minimum 2.50 GPA in BMY, SFS and SOS. | | | |
| ❖ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 14 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| SOS 310: Equity, Justice and Sustainability | 3 | C | <ul style="list-style-type: none"> Students will select one focus area and complete 12 credits of courses from that area. Students may also talk with their academic advisor to craft a unique focus area. Meet with the School of Sustainability Career Advisor to review your resume. |
| SOS 311: Future Thinking and Strategies | 3 | C | |
| SOS 326: Sustainable Ecosystems | 3 | C | |
| SOS 327: Sustainable Food and Farms | 3 | C | |
| Skills Elective | 3 | C | |
| ★ Minimum 2.50 GPA in BMY, SFS and SOS. | | | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| Upper Division Focus Area Course | 3 | C | <ul style="list-style-type: none"> Students will select one focus area and complete 12 credits of courses from that area. Students may also talk with their academic advisor to craft a unique focus area. Begin exploring internship opportunities and meet with the School of Sustainability Assistant Director of Internships and Experiential Education to discuss your interests. |
| Focus Area Course | 3 | C | |
| Skills Elective | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| ★ Minimum 2.50 GPA in BMY, SFS and SOS. | | | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| | | | |
|--|--|----------------|--|
| | | Minimum | |
|--|--|----------------|--|

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Grade | Notes |
|---|-------|-------|---|
| SFS 484: Internship | 4 | B- | <ul style="list-style-type: none"> Students will select one focus area and complete 12 credits of courses from that area. Students may also talk with their academic advisor to craft a unique focus area. Meet with the School of Sustainability Career Advisor to discuss and refine your career search process. |
| Upper Division Focus Area Course | 3 | C | |
| Complete 2 courses: | 5 | | |
| Upper Division Elective | 5 | | |
| Elective | 3 | | |
| ★ Minimum 2.50 GPA in BMY, SFS and SOS. | | | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| SFS 498: Pro-Seminar (L) | 3 | B- | <ul style="list-style-type: none"> Students will select one focus area and complete 12 credits of courses from that area. Students may also talk with their academic advisor to craft a unique focus area. |
| Upper Division Focus Area Course | 3 | C | |
| Complete 3 courses: | 9 | | |
| Upper Division Elective | 9 | | |
| ★ Minimum 2.50 GPA in BMY, SFS and SOS. | | | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

- Students must select one of the following focus areas:
 - Procurement
 - Ecosystem Science
 - Business & Innovation
 - Educational Leadership
 - Global Engagement
 - Policy & Governance
 - Public Health & Nutrition
 - Students must declare a focus area by the end of Term 4.

Hide Course List(s)/Track Group(s)

| Skills Electives | Procurement | Ecosystem Science |
|--|---|--|
| AME 130: Prototyping Dreams (L) | AGB 250: Economics of Resource Allocation: Food and Agriculture | ABS 207: Applied Plant Taxonomy |
| CIS 105: Computer Applications and Information Technology (CS) | AGB 425: Food Supply Networks | ABS 260: Fundamentals of Sustainable Horticulture (SG) |
| CIS 300: Web Design and Development | AGB 435: Commodity Futures and Options Markets | ABS 270: Sustainable Biological Systems |
| COM 225: Public Speaking (L) | AGB 445: Food Retailing | ABS 314: Applied Plant Physiology |
| COM 459: Theory and Methods of Social Media Networks | AGB 456: Food Product Innovation and Development | ABS 318: Unseen Life on Earth |
| ECN 211: Macroeconomic Principles (SB) | AGB 481: Strategic Pricing in Food Markets | ABS 368: Plant Propagation |
| ECN 212: Microeconomic Principles (SB) | NTR 142: Applied Food Principles | ABS 370: Ecology |
| ENG 216: Persuasive Writing on Public Issues (L) | NTR 343: Food Service Purchasing | ABS 380: Restoration and Wildlife Plants |
| FIS 305: Ways of Knowing (L) | | ABS 394: Food and Human Health |

| | | |
|---|--|--|
| GIS 205: Geographic Information Science I (CS) | NTR 344: Nutrition Management and Leadership (L) | ABS 452: Commercial Applications of Fermentation |
| GIS 211: Geographic Information Science II (CS) | NTR 445: Management of Food Service Systems | ABS 460: Organic Gardening |
| MGT 430: Negotiations | NTR 455: Retail Food Service Operations | ABS 464: Desert Horticulture |
| NLM 300: Fund Raising and Resource Development | OGL 326: Project Procurement Management | BIO 100: The Living World (SQ) or BIO 181: General Biology I (SQ) |
| OGL 240: Introduction to Project Management | SOS 328: Sustainability and Enterprise | BIO 108: Concepts in Plant Biology (SQ) |
| SOS 232: Professional Skills in Sustainability Practice | SOS 485: Business and Sustainability II or SCM 485: Business and Sustainability II | BIO 130: Introduction to Environmental Science (SQ) |
| SST 220: Introduction to Social Transformation | SOS 498: Interventions on Sustainable Consumption on Campus (L) | BIO 182: General Biology II (SG) |
| | SOS 498: Sustainable Food Economy (L) | BIO 304: Plants and Civilization (L) |
| | TDM 481: Sustainable Food Management in Tourism | BIO 320: Fundamentals of Ecology |
| | | BIO 322: Conservation of Biodiversity |
| | | BIO 386: General Entomology |
| | | BIO 418: Soil Ecology |
| | | BIO 434: People and Nature: Ecosystem Services |
| | | CEE 181: Technological Social and Sustainable Systems (HU) |
| | | PLB 302: Plants and Civilization (L) |
| | | SES 106: Habitable Worlds (SQ) |
| | | SOS 314: Basic Energy Science |
| | | SOS 429: Human Impacts on Ecosystem Functioning or BIO 429: Human Impacts on Ecosystem Functioning |

| Business & Innovation (at least 2 courses must be from AGB BUS CIS ECN ENT MGT MKT or SCM) | Educational Leadership | Global Engagement |
|--|--|--|
| AGB 100: Introduction to Agribusiness | CDE 232: Human Development (SB) | AGB 302: International Management and Agribusiness (G) |
| AGB 250: Economics of Resource Allocation: Food and Agriculture | CDE 337: Early Childhood Intervention | AGB 452: Global Food and Agricultural Trade |
| AGB 302: International Management and Agribusiness (G) | ECD 211: The Developing Child: Theory into Practice Prenatal-Grade 3 (SB) | AIS 180: Introduction to American Indian Studies (C) |
| AGB 321: Agribusiness Marketing | ECD 220: Introduction to Nutrition Health and Safety | AIS 320: American Indian Philosophies and World Views (HU & C) |
| AGB 333: Agribusiness Finance | EDP 310: Children and Poverty (SB) | AIS 480: Actualizing Decolonization (HU & C & G) |
| AGB 366: Agribusiness Production Technologies | EDP 310: Developing as a Leader (SB) | ASB 305: Poverty and Global Health ((L or SB) & G) |
| AGB 414: Food and Agribusiness Policy Issues (L) | EDP 310: Educational Psychology for Non-Teachers (SB) | GCU 121: World Geography (SB & G) |
| AGB 420: Food Advertising and Promotion | EDP 310: Motivation (SB) | GCU 432: Geography of China (SB & G) |
| AGB 425: Food Supply Networks | EDP 310: Multicultural Issues (SB) | |
| | HEP 102: Principles and Foundations of Health Education and Health Promotion | |

| | | |
|--|--|--|
| AGB 435: Commodity Futures and Options Markets | NTR 343: Food Service Purchasing | JHR 305: Theory and Practice of Social Justice and Human Rights (SB & G) |
| AGB 445: Food Retailing | NTR 344: Nutrition Management and Leadership (L) | JHR 484: Human Trafficking |
| AGB 452: Global Food and Agricultural Trade | NTR 445: Management of Food Service Systems | POS 160: Global Politics (SB & G) |
| AGB 456: Food Product Innovation and Development | OGL 200: Introduction to Organizational Leadership (SB) | POS 240: Introduction to Southeast Asia ((HU or SB) & G) |
| AGB 481: Strategic Pricing in Food Markets | OGL 220: Behavioral Dynamics in Organizations (SB) | POS 260: Current Issues in International Politics ((L or SB) & G) |
| BUS 424: Sales and Negotiations | OGL 260: Resource Allocation in Organizations | POS 300: Contemporary Global Controversies (SB & G) |
| BUS 434: Business Risk Management | OGL 355: Leading Organizational Innovation and Change | POS 348: Do You Want to Build a Nation? (L) |
| ENT 305: Principles of Entrepreneurship | SCN 209: Introduction to Environmental Education Project | POS 367: World Politics and Global Inequalities (G) |
| ENT 340: Creativity and Innovation (L or HU) | SCN 300: Foundations of Environmental Education | POS 454: Mexico (SB & G) |
| ENT 360: Entrepreneurship and Value Creation | SCN 301: Ecology and Natural History of the Sonoran Desert (SG) | POS 480: Global Justice (G) |
| FIS 308: Politics Markets and Innovation (SB) | SCN 302: Environmental Education (L & G) | SGS 203: Contemporary Global Trends (SB & G) |
| MKT 300: Marketing and Business Performance | TEL 111: Exploration of Education (SB) | SOS 322: International Development and Sustainability |
| MKT 390: Essentials of Marketing | TEL 215: Introduction to Child and Adolescent Development (SB) | SOS 456: Human Rights and Sustainability ((L or SB) & G) |
| MKT 391: Essentials of Selling | TEL 405: History of Education and Policy Reform in the United States | STS 329: Technology in Developing Countries (SB & G) |
| MKT 395: Essentials of Advertising and Marketing Communication | USL 210: Service Learning: Intro to Diverse Community Issues (L & C) | STS 332: Global Issues in Science and Technology (SB) |
| MKT 435: Entrepreneurial Marketing | USL 402: Service Learning: Education & Youth (C) | TEM 450: Design for the Developing World |
| NTR 343: Food Service Purchasing | | |
| NTR 455: Retail Food Service Operations | | |
| SOS 328: Sustainability and Enterprise | | |
| SOS 385: Business and Sustainability I or SCM 385: Business and Sustainability I | | |
| SOS 485: Business and Sustainability II or SCM 485: Business and Sustainability II | | |
| STS 329: Technology in Developing Countries (SB & G) | | |
| TDM 481: Sustainable Food Management in Tourism | | |
| TEM 455: Global Impact Entrepreneurship | | |
| Policy & Governance | Public Health & Nutrition | |
| AGB 414: Food and Agribusiness Policy Issues (L) | AGB 414: Food and Agribusiness Policy Issues (L) | |
| AGB 452: Global Food and Agricultural Trade | AGB 420: Food Advertising and Promotion | |
| JUS 214: The Pursuit of Justice in the 21st Century (SB) | AGB 425: Food Supply Networks | |

| | |
|--|--|
| PAF 201: Economics and Public Policy (SB) | ASB 100: Introduction to Global Health (SB & G) |
| PAF 340: Contemporary Policy Challenges | |
| PAF 420: Managing Across Boundaries | ASB 301: Global History of Health (SB & G & H) or SSH 301: Global History of Health (SB & G & H) or HST 301: Global History of Health (SB & G & H) |
| POS 216: State and Local Government (SB) | |
| POS 230: Current Issues in National Politics (L or SB) | ASB 305: Poverty and Global Health ((L or SB) & G) |
| POS 310: American National Government (SB) | ASB 443: Cross-Cultural Studies in Global Health ((L or SB) & G) or SSH 403: Cross-Cultural Studies in Global Health ((L or SB) & G) |
| POS 313: The Congress (SB) | |
| POS 325: Public Policy Development (SB) | |
| POS 333: Interest Groups (SB) | BIO 100: The Living World (SQ) or BIO 181: General Biology I (SQ) |
| POS 417: Arizona Politics (SB) | BIO 182: General Biology II (SG) |
| POS 471: Constitutional Law I (SB) | HCI 311: Health Innovation: Foundational Concepts |
| POS 472: Constitutional Law II (SB) | |
| POS 480: Global Justice (G) | HCR 230: Culture and Health (C & G) |
| SOS 321: Policy and Governance in Sustainable Systems | HSC 355: Eating for Lifelong Health (SB) |
| SOS 322: International Development and Sustainability | NTR 142: Applied Food Principles |
| SOS 456: Human Rights and Sustainability ((L or SB) & G) | NTR 320: History of Human Nutrition |
| | NTR 343: Food Service Purchasing |
| | NTR 344: Nutrition Management and Leadership (L) |
| | NTR 348: Cultural Aspects of Food (SB & C & G) |
| | NTR 351: Nutrition Communication (L) |
| | NTR 353: Perspectives on the Western Diet: Food Health and Sustainability |
| | NTR 445: Management of Food Service Systems |
| | NTR 448: Community Nutrition (L) |
| | NTR 450: Nutrition in the Life Cycle (SB) |
| | NTR 455: Retail Food Service Operations |
| | PBH 422: Health Disparities and Access to Health |
| | POP 100: Introduction to Population Health |
| | SOS 370: Ethics of Eating (L or SB) |

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum

General University Requirements Legend

- General Studies Core Requirements:
- Literacy and Critical Inquiry (L)

Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map





Sustainable Food Systems, BS

School/College: [College of Global Futures](#)






Location: [Online](#)


SUSFOSYSBS

| Term 1 - A 0 - 7 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  SOS 191: Introduction to ASU and SOS for Freshmen OR SOS 201: Introduction to ASU and Sustainability | 1 | C | <ul style="list-style-type: none"> An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses SOS 191 or college-specific equivalent First-Year Seminar is required of all first-year students SOS 201 required of all Sustainability transfer students |
| ENG 101 or ENG 102: First-Year Composition OR | 3 | C | |
| ENG 105: Advanced First-Year Composition OR | | | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| SOS 111: Sustainable Cities ((HU or SB) & G) | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 13 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  SOS 101: Introduction to Applied Mathematics for the Life and Social Sciences (MA) | 3 | C | <ul style="list-style-type: none"> Mathematics Placement Assessment score determines placement in mathematics course View ASU Online first-year student registration information here. |
| ENG 101 or ENG 102: First-Year Composition OR | 3 | C | |
| ENG 105: Advanced First-Year Composition OR | | | |
| ENG 107 or ENG 108: First-Year Composition | | | |
|  Minimum 2.50 GPA ASU Cumulative. | | | |
|  Minimum 2.50 GPA in BMY, SFS and SOS. | | | |
| Term hours subtotal: | 6 | | |

| Term 2 - A 13 - 22 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| SOS 110: Sustainable World (SB) | 3 | C | <ul style="list-style-type: none"> Create a first draft resume. |
| SOS 211: Calculus and Probability for the Life and Social Sciences (MA) | 3 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 2 - B 22 - 29 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| CHM 101: Introductory Chemistry (SQ) OR CHM 113: General Chemistry I (SQ) OR CHM 114: General Chemistry for Engineers (SQ) | 4 | | |
| SOS 212: Systems, Dynamics and Sustainability | 3 | C | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Complete SOS 110 AND SOS 111 course(s). | | | |
|  Minimum 2.50 GPA ASU Cumulative. | | | |
|  Minimum 2.50 GPA in BMY, SFS and SOS. | | | |
| Term hours subtotal: | 7 | | |

| Term 3 - A 29 - 38 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|--|---|---|
| ❖ SOS 220: Systems Thinking | 3 | C |
| NTR 241: Human Nutrition | 3 | C |
| SFS 215: Fundamentals of U.S. Food and Agriculture | 3 | C |
| Term hours subtotal: | 9 | |

- **ASU Language Placement:** Only true beginners are eligible for 101-level courses. All other students are required to take a placement or proficiency exam, regardless of prior credit earned. CLEP and AP credit are also viable options for fulfilling the second language requirement.

| Term 3 - B 38 - 47 Credit Hours Critical course signified by ❖ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ❖ Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| SFS 216: Subsectors of U.S. Food and Agriculture | 3 | C | |
| Skills Elective | 3 | C | |
| ❖ Complete First-Year Composition requirement. | | | |
| ❖ Complete SOS 211 AND SOS 212 course(s). | | | |
| ❖ Minimum 2.50 GPA ASU Cumulative. | | | |
| ❖ Minimum 2.50 GPA in BMY, SFS and SOS. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 9 | | |

| Term 4 - A 47 - 55 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| SOS 231: Careers in Sustainability | 1 | C | |
| Second Language: Requirement satisfied through the following: * Completion of language course(s) at the 102 level. | 4 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 8 | | |

| Term 4 - B 55 - 63 Credit Hours Critical course signified by ❖ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| SOS 182: Water Planet (SQ) | 4 | C | |
| Second Language: Requirement satisfied through the following: * Completion of language course(s) at the 102 level. | 4 | C | |
| ❖ Complete SFS 215 AND SFS 216 course(s). | | | |
| ❖ Minimum 2.50 GPA ASU Cumulative. | | | |
| ❖ Minimum 2.50 GPA in BMY, SFS and SOS. | | | |
| Term hours subtotal: | 8 | | |

| Term 5 - A 63 - 72 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| SOS 310: Equity, Justice and Sustainability | 3 | C | |
| SOS 326: Sustainable Ecosystems | 3 | C | |
| Focus Area Course | 3 | C | |
| Term hours subtotal: | 9 | | |

- Students will select one focus area and complete 12 credits of courses from that area. Students may also talk with their **academic advisor** to craft a unique focus area.
- Schedule an appointment with the School of Sustainability Career Advisor to review your resume.

| Term 5 - B 72 - 81 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| SOS 311: Future Thinking and Strategies | 3 | C | |

| | | |
|---|---|---|
| SOS 327: Sustainable Food and Farms | 3 | C |
| Skills Elective | 3 | C |
| ★ Minimum 2.50 GPA ASU Cumulative. | | |
| ★ Minimum 2.50 GPA in BMY, SFS and SOS. | | |
| Term hours subtotal: | 9 | |

- Students will select one focus area and complete 12 credits of courses from that area. Students may also talk with their academic advisor to craft a unique focus area.

| Term 6 - A 81 - 90 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| Upper Division Focus Area Course | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 6 - B 90 - 96 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| ★ Minimum 2.50 GPA in BMY, SFS and SOS. | | | |
| Term hours subtotal: | 6 | | |

- Students will select one focus area and complete 12 credits of courses from that area. Students may also talk with their academic advisor to craft a unique focus area.
- Explore **internship opportunities** and schedule an appointment with the School of Sustainability Internship and Experiential Education Specialist to discuss your interests.

| Term 7 - A 96 - 103 Credit Hours | Hours | Minimum Grade | Notes |
|----------------------------------|-------|---------------|-------|
| SFS 484: Internship | 4 | B- | |
| Upper Division Focus Area Course | 3 | C | |
| Term hours subtotal: | 7 | | |

- Students will select one focus area and complete 12 credits of courses from that area. Students may also talk with their academic advisor to craft a unique focus area.

| Term 7 - B 103 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| Upper Division Elective | 2 | | |
| Elective | 3 | | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| ★ Minimum 2.50 GPA in BMY, SFS and SOS. | | | |
| Term hours subtotal: | 5 | | |

- Schedule an appointment with the School of Sustainability Career Advisor to discuss and refine your career search process.

| Term 8 - A 108 - 114 Credit Hours | Hours | Minimum Grade | Notes |
|-----------------------------------|-------|---------------|-------|
| SFS 498: Pro-Seminar (L) | 3 | B- | |
| Upper Division Focus Area Course | 3 | C | |
| Term hours subtotal: | 6 | | |

- Students will select one focus area and complete 12 credits of courses from that area. Students may also talk with their academic advisor to craft a unique focus area.

| Term 8 - B 114 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

Complete 2 courses:

6

Upper Division Elective

★ Minimum 2.50 GPA ASU Cumulative.

★ Minimum 2.50 GPA in BMY, SFS and SOS.

Term hours subtotal: 6

- Students must select one of the following focus areas:
 - Procurement
 - Ecosystem Science
 - Business & Innovation
 - Educational Leadership
 - Global Engagement
 - Policy & Governance
 - Public Health & Nutrition
- Students must declare a focus area by the end of Term 4.

Hide Course List(s)/Track Group(s)

| Skills Electives | Procurement | Ecosystem Science |
|--|--|---|
| CIS 105: Computer Applications and Information Technology (CS) | AGB 250: Economics of Resource Allocation: Food and Agriculture | ABS 270: Sustainable Biological Systems |
| CIS 300: Web Design and Development | AGB 425: Food Supply Networks | BIO 100: The Living World (SQ) or BIO 181: General Biology I (SQ) |
| COM 225: Public Speaking (L) | AGB 435: Commodity Futures and Options Markets | BIO 108: Concepts in Plant Biology (SQ) |
| ECN 211: Macroeconomic Principles (SB) | AGB 445: Food Retailing | BIO 130: Introduction to Environmental Science (SQ) |
| ECN 212: Microeconomic Principles (SB) | AGB 456: Food Product Innovation and Development | BIO 182: General Biology II (SG) |
| ENG 216: Persuasive Writing on Public Issues (L) | AGB 481: Strategic Pricing in Food Markets | BIO 304: Plants and Civilization (L) |
| GIS 205: Geographic Information Science I (CS) | NTR 142: Applied Food Principles | BIO 320: Fundamentals of Ecology |
| GIS 211: Geographic Information Science II (CS) | NTR 343: Food Service Purchasing | BIO 322: Conservation of Biodiversity |
| MGT 430: Negotiations | NTR 344: Nutrition Management and Leadership (L) | PLB 302: Plants and Civilization (L) |
| OGL 240: Introduction to Project Management | NTR 445: Management of Food Service Systems | SES 106: Habitable Worlds (SQ) |
| SOS 232: Professional Skills in Sustainability Practice | NTR 455: Retail Food Service Operations | SOS 314: Basic Energy Science |
| | OGL 326: Project Procurement Management | |
| | SOS 328: Sustainability and Enterprise | |
| | SOS 485: Business and Sustainability II or SCM 485: Business and Sustainability II | |
| | SOS 498: Interventions on Sustainable Consumption on Campus (L) | |
| | SOS 498: Sustainable Food Economy (L) | |

| Business & Innovation (at least 2 courses must be from AGB BUS CIS ECN ENT MGT MKT or SCM) | Educational Leadership | Global Engagement |
|--|--|---|
| AGB 250: Economics of Resource Allocation: Food and Agriculture | CDE 232: Human Development (SB) | AGB 302: International Management and Agribusiness (G) |
| AGB 302: International Management and Agribusiness (G) | ECD 220: Introduction to Nutrition Health and Safety | ASB 305: Poverty and Global Health ((L or SB) & G) |
| AGB 420: Food Advertising and Promotion | EDP 310: Children and Poverty (SB) | GCU 121: World Geography (SB & G) |
| AGB 425: Food Supply Networks | EDP 310: Developing as a Leader (SB) | GCU 432: Geography of China (SB & G) |
| AGB 435: Commodity Futures and Options Markets | EDP 310: Educational Psychology for Non-Teachers (SB) | POS 160: Global Politics (SB & G) |
| AGB 445: Food Retailing | EDP 310: Motivation (SB) | POS 240: Introduction to Southeast Asia ((HU or SB) & G) |
| AGB 456: Food Product Innovation and Development | EDP 310: Multicultural Issues (SB) | POS 260: Current Issues in International Politics ((L or SB) & G) |
| AGB 481: Strategic Pricing in Food Markets | HEP 102: Principles and Foundations of Health Education and Health Promotion | POS 300: Contemporary Global Controversies (SB & G) |
| ENT 360: Entrepreneurship and Value Creation | NTR 343: Food Service Purchasing | POS 348: Do You Want to Build a Nation? (L) |
| MKT 300: Marketing and Business Performance | NTR 344: Nutrition Management and Leadership (L) | SOS 322: International Development and Sustainability |
| MKT 390: Essentials of Marketing | NTR 445: Management of Food Service Systems | STS 329: Technology in Developing Countries (SB & G) |
| MKT 391: Essentials of Selling | OGL 200: Introduction to Organizational Leadership (SB) | STS 332: Global Issues in Science and Technology (SB) |
| NTR 343: Food Service Purchasing | OGL 220: Behavioral Dynamics in Organizations (SB) | TEM 450: Design for the Developing World |
| NTR 455: Retail Food Service Operations | OGL 260: Resource Allocation in Organizations | |
| SOS 328: Sustainability and Enterprise | OGL 355: Leading Organizational Innovation and Change | |
| SOS 385: Business and Sustainability I or SCM 385: Business and Sustainability I | SCN 300: Foundations of Environmental Education | |
| SOS 485: Business and Sustainability II or SCM 485: Business and Sustainability II | TEL 111: Exploration of Education (SB) | |
| STS 329: Technology in Developing Countries (SB & G) | TEL 215: Introduction to Child and Adolescent Development (SB) | |
| TDM 481: Sustainable Food Management in Tourism | TEL 405: History of Education and Policy Reform in the United States | |
| TEM 455: Global Impact Entrepreneurship | USL 210: Service Learning: Intro to Diverse Community Issues (L & C) | |
| Policy & Governance | Public Health & Nutrition | |
| JUS 214: The Pursuit of Justice in the 21st Century (SB) | AGB 420: Food Advertising and Promotion | |
| PAF 201: Economics and Public Policy (SB) | AGB 425: Food Supply Networks | |
| PAF 340: Contemporary Policy Challenges | ASB 100: Introduction to Global Health (SB & G) | |
| PAF 420: Managing Across Boundaries | | |
| POS 216: State and Local Government (SB) | | |

| | |
|---|--|
| POS 310: American National Government (SB) | ASB 301: Global History of Health (SB & G & H) or SSH 301: Global History of Health (SB & G & H) or HST 301: Global History of Health (SB & G & H) |
| POS 313: The Congress (SB) | |
| POS 325: Public Policy Development (SB) | ASB 305: Poverty and Global Health ((L or SB) & G) |
| POS 333: Interest Groups (SB) | |
| POS 471: Constitutional Law I (SB) | ASB 443: Cross-Cultural Studies in Global Health ((L or SB) & G) or SSH 403: Cross-Cultural Studies in Global Health ((L or SB) & G) |
| POS 472: Constitutional Law II (SB) | |
| SOS 321: Policy and Governance in Sustainable Systems | BIO 100: The Living World (SQ) or BIO 181: General Biology I (SQ) |
| SOS 322: International Development and Sustainability | BIO 182: General Biology II (SG) |
| | HCI 311: Health Innovation: Foundational Concepts |
| | HCR 230: Culture and Health (C & G) |
| | HSC 355: Eating for Lifelong Health (SB) |
| | NTR 142: Applied Food Principles |
| | NTR 320: History of Human Nutrition |
| | NTR 343: Food Service Purchasing |
| | NTR 344: Nutrition Management and Leadership (L) |
| | NTR 348: Cultural Aspects of Food (SB & C & G) |
| | NTR 351: Nutrition Communication (L) |
| | NTR 353: Perspectives on the Western Diet: Food Health and Sustainability |
| | NTR 445: Management of Food Service Systems |
| | NTR 450: Nutrition in the Life Cycle (SB) |
| | NTR 455: Retail Food Service Operations |
| | PBH 422: Health Disparities and Access to Health |
| | POP 100: Introduction to Population Health |
| | SOS 370: Ethics of Eating (L or SB) |

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)

Total Community College Hrs: 64 maximum

- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map

Global Management - Internatl Business & Culture, **BGM**




School/College: Thunderbird School of Global Management



Location: West campus

TBTGMBGM

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  TGM 101: Principles of Global Management (G) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Create a first draft resume. • Create your LinkedIn Profile. • Create your Handshake profile. |
| TGM 191: First-Year Seminar | 1 | | |
| CIS 105: Computer Applications and Information Technology (CS) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| MAT 210: Brief Calculus (MA) | 3 | C | |
| Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  TGM 204: Principles of Marketing for Global Organizations | 3 | C | <ul style="list-style-type: none"> • Build your professional connections-- join the ASU Mentor Network • Join a student club or professional organization. • Secure a part-time job or volunteer experience. |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Complete 2 courses: Lower Division Elective | 6 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 3 31 - 47 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| TGM 200: Principles of Accounting for Global Organizations | 3 | C | <ul style="list-style-type: none"> • Develop your skills. |
| COM 225: Public Speaking (L) | 3 | C | |
| ECN 211: Macroeconomic Principles (SB) | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Cultural Diversity in the U.S. (C) | 3 | | |
|  Complete First-Year Composition requirement. | | | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 47 - 63 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  STP 226: Elements of Statistics (CS) | 3 | C | <ul style="list-style-type: none"> • Minimum 2.50 ASU cumulative GPA is required to register for LES 305 in term 5. |
| ECN 212: Microeconomic Principles (SB) | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |

Lower Division Elective

3

Term hours subtotal: 16

- Term 5 or Term 6 is preferred for study abroad. Meet with your academic advisor to begin planning for the best study abroad options for your major.

| Term 5 63 - 79 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| LES 305: Business Law and Ethics for Managers OR PHI 306: Applied Ethics (HU) OR PHI 360: Business and Professional Ethics (HU) OR PHI 406: Moral Dilemmas (L or HU) | 3 | C | <ul style="list-style-type: none">• Work with your academic advisor to start planning your required internship experience in Term 7.• Term 5 or Term 6 is preferred for study abroad. Meet with your academic advisor to begin planning for the best study abroad options for your major. |
| ★ TGM 391: Global Business and Professional Development Skills | 1 | C | |
| ★ TGM 468: States and Markets in a Global Economy (SB & G) | 3 | C | |
| TGM 312: Big Data in the Global Economy | 3 | C | |
| ENG 301: Writing for the Professions (L) | 3 | | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 6 79 - 91 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ TGM 353: Regional Management Environment (G) | 3 | C | <ul style="list-style-type: none">• Work with your academic advisor to start planning your required internship experience in Term 7.• Research employment opportunities.• Complete an in person or virtual practice interview. |
| TGM 300: Principles of Finance for Global Organizations | 3 | C | |
| Complete 2 courses: Lower Division Elective | 6 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 12 | | |

| Term 7 91 - 106 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ TGM 484: Internship | 3-6 | C | <ul style="list-style-type: none">• An internship experience is required.• Gather professional references.• Apply for full-time career opportunities. |
| ★ TGM 487: Global Entrepreneurship | 3 | C | |
| ★ TGM 489: Multinational Organizational Leadership | 3 | C | |
| Complete 2 courses: Upper Division Elective | 6 | | |
| Term hours subtotal: | 15-18 | | |

| Term 8 106 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ TGM 478: Cross-Cultural Communication and Negotiation | 3 | C | |
| ★ TGM 498: Pro-Seminar (L) | 3 | C | |
| Complete 3 courses: Upper Division Elective | 8 | | |
| Term hours subtotal: | 14 | | |

Hide Course List(s)/Track Group(s)

Total Hours: 120

Upper Division Hours: 45 minimum

General University Requirements Legend

Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.








2020 - 2021 Major Map

Global Management - Internatl Business & Culture, **BGM**

School/College: Thunderbird School of Global Management

Location: Online

TBTGMBGM

| Term 1 - A 0 - 10 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  TGM 101: Principles of Global Management (G) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Create your Linkedin profile • Create your Handshake profile |
| ASU 101-UC: The ASU Experience | 1 | | |
| CIS 105: Computer Applications and Information Technology (CS) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| Term hours subtotal: | 10 | | |
| Term 1 - B 10 - 16 Credit Hours | Hours | Minimum Grade | Notes |
| Historical Awareness (H) | 3 | | <ul style="list-style-type: none"> • View ASU Online first-year student registration information here. • Join a student club • Secure a part-time job |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 6 | | |
| Term 2 - A 16 - 22 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  TGM 204: Principles of Marketing for Global Organizations | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| Term hours subtotal: | 6 | | |
| Term 2 - B 22 - 31 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
| MAT 210: Brief Calculus (MA) | 3 | C | <ul style="list-style-type: none"> • Build your professional connections -- join the ASU Mentor Network |
| Humanities, Arts and Design (HU) | 3 | | |
| Elective | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 9 | | |
| Term 3 - A 31 - 40 Credit Hours | Hours | Minimum Grade | Notes |
| TGM 200: Principles of Accounting for Global Organizations | 3 | C | |
| COM 225: Public Speaking (L) | 3 | C | |
| ECN 211: Macroeconomic Principles (SB) | 3 | C | |
| Term hours subtotal: | 9 | | |
| Term 3 - B 40 - 44 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |

| | | | |
|---|--------------|----------------------|---|
| Natural Science - Quantitative (SQ) | 4 | | • Develop your skills |
| ◆ Complete First-Year Composition requirement. | | | |
| ◆ Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 4 | | |
| Term 4 - A 44 - 50 Credit Hours Critical course signified by ◆ | Hours | Minimum Grade | Notes |
| ◆ STP 226: Elements of Statistics (CS) | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 6 | | |
| Term 4 - B 50 - 60 Credit Hours | Hours | Minimum Grade | Notes |
| ECN 212: Microeconomic Principles (SB) | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | • Minimum 2.50 ASU cumulative GPA is required to register for LES 305 in Term 5A. |
| Elective | 3 | | • Term 5 or Term 6 are preferred for study abroad. Meet with your advisor to plan for the best study abroad options for your major. |
| Term hours subtotal: | 10 | | |
| Term 5 - A 60 - 69 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
| ★ LES 305: Business Law and Ethics for Managers OR PHI 306: Applied Ethics (HU) OR PHI 360: Business and Professional Ethics (HU) | 3 | C | |
| ENG 301: Writing for the Professions (L) | 3 | | |
| TGM 312: Big Data in the Global Economy | 3 | C | |
| Term hours subtotal: | 9 | | |
| Term 5 - B 69 - 76 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
| ★ TGM 468: States and Markets in a Global Economy (SB & G) | 3 | C | |
| TGM 391: Global Business and Professional Development Skills | 1 | C | • Work with your academic advisor to start planning for your required international internship |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 7 | | |
| Term 6 - A 76 - 85 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
| ★ TGM 353: Regional Management Environment (G) | 3 | C | |
| TGM 300: Principles of Finance for Global Organizations | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 9 | | |
| Term 6 - B 85 - 88 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
| Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | • Work with your academic advisor to start planning for your required international internship |
| Term hours subtotal: | 3 | | • Research employment opportunities |
| | | | • Complete an in person or virtual practice interview |
| Term 7 - A 88 - 94 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |

| | | | |
|-----------------------|-----|---|---|
| ★ TGM 484: Internship | 3-6 | C | • An international internship experience is required. |
| Elective | 3 | | |
| Term hours subtotal: | 6-9 | | |

| Term 7 - B 94 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ TGM 489: Multinational Organizational Leadership | 3 | C | • Gather professional references • Apply for full-time career opportunities |
| TGM 487: Global Entrepreneurship | 3 | C | |
| Complete 2 courses: Upper Division Elective | 5 | | |
| Term hours subtotal: | 11 | | |

| Term 8 - A 105 - 111 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ TGM 498: Pro-Seminar (L) | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 111 - 120 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| TGM 478: Cross-Cultural Communication and Negotiation | 3 | C | |
| Complete 2 courses: Upper Division Elective | 6 | | |
| Term hours subtotal: | 9 | | |

Hide Course List(s)/Track Group(s)

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

- General Studies Core Requirements:
- Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - Computer/Statistics/Quantitative Applications (CS)
 - Humanities, Arts and Design (HU)
 - Social-Behavioral Sciences (SB)
 - Natural Science - Quantitative (SQ)
 - Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.











2020 - 2021 Major Map

Global Management - Intl Business, Lang & Culture, **BGM**

School/College: Thunderbird School of Global Management

Location: West campus

TBTGMBGM

| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  TGM 101: Principles of Global Management (G) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in Mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Foreign Language: Students choose one foreign language and complete courses consistent with language choice throughout remainder of program. Credit hours may vary depending on language (Chinese or Spanish); elective credits may require adjustment. See advisor. • Create a first draft resume. • Create your LinkedIn profile. • Create your Handshake profile. |
| TGM 191: First-Year Seminar | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| MAT 210: Brief Calculus (MA) | 3 | C | |
| Foreign Language I | 4-5 | C | |
| Term hours subtotal: | 14-15 | | |
| Term 2 14 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  TGM 204: Principles of Marketing for Global Organizations | 3 | C | <ul style="list-style-type: none"> • Foreign Language: Students choose one foreign language and complete courses consistent with language choice throughout remainder of program. Credit hours may vary depending on language (Chinese or Spanish); elective credits may require adjustment. See advisor. • Network in your career interest communities. • Join a student club or professional organization. • Secure a part-time job or volunteer experience. |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Foreign Language II | 4-5 | C | |
| Elective | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16-17 | | |
| Term 3 30 - 47 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  TGM 200: Principles of Accounting for Global Organizations | 3 | C | <ul style="list-style-type: none"> • Foreign Language: Students choose one foreign language and complete courses consistent with language choice throughout remainder of program. Credit hours may vary depending on language (Chinese or Spanish); elective credits may require adjustment. See advisor. • Develop your skills. |
| COM 225: Public Speaking (L) | 3 | C | |
| ECN 211: Macroeconomic Principles (SB) | 3 | C | |
| Foreign Language III | 4-5 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
|  Complete First-Year Composition requirement. | | | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 17-18 | | |
| Term 4 47 - 64 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |

| | | |
|---|-------|---|
| ♦ STP 226: Elements of Statistics (CS) | 3 | C |
| ECN 212: Microeconomic Principles (SB) | 3 | C |
| Foreign Language IV | 4-5 | C |
| Humanities, Arts and Design (HU) | 3 | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | |
| Term hours subtotal: | 17-18 | |

- Foreign Language: Students choose one foreign language and complete courses consistent with language choice throughout remainder of program. Credit hours may vary depending on language (Chinese or Spanish); elective credits may require adjustment. See advisor.
- Minimum 2.50 ASU cumulative GPA is required to register for LES 305 in term 5.
- Term 5 or Term 6 is preferred for study abroad. Meet with your academic advisor to discuss the best study abroad option for your major. Make sure to get your credits approved through your academic advisor prior to departure.

| Term 5 64 - 80 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| LES 305: Business Law and Ethics for Managers OR PHI 306: Applied Ethics (HU) OR PHI 360: Business and Professional Ethics (HU) OR PHI 406: Moral Dilemmas (L or HU) | 3 | C | <ul style="list-style-type: none"> • Term 5 or Term 6 is preferred for study abroad. Meet with your academic advisor to discuss the best study abroad option for your major. Make sure to get your credits approved through your academic advisor prior to departure. • Work with your academic advisor to start planning your required internship experience in Term 7. |
| ★ TGM 468: States and Markets in a Global Economy (SB & G) | 3 | C | |
| TGM 312: Big Data in the Global Economy | 3 | C | |
| TGM 391: Global Business and Professional Development Skills | 1 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 6 80 - 95 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ TGM 353: Regional Management Environment (G) | 3 | C | <ul style="list-style-type: none"> • Work with your academic advisor to start planning your required internship experience in Term 7. • Research employment opportunities. • Complete an in person or virtual practice interview. |
| TGM 300: Principles of Finance for Global Organizations | 3 | C | |
| Historical Awareness (H) | 3 | | |
| Complete 2 courses: Upper Division Elective | 6 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 95 - 107 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ TGM 484: Internship | 3-6 | C | <ul style="list-style-type: none"> • An internship experience is required. • Gather professional references. • Apply for full-time career opportunities. |
| ★ TGM 489: Multinational Organizational Leadership | 3 | C | |
| TGM 487: Global Entrepreneurship | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 12-15 | | |

| Term 8 107 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ TGM 498: Pro-Seminar (L) | 3 | C | |
| TGM 478: Cross-Cultural Communication and Negotiation | 3 | C | |
| Complete 3 courses: Upper Division Elective | 7 | | |
| Term hours subtotal: | 13 | | |

Hide Course List(s)/Track Group(s)

| Foreign Language I | Foreign Language II | Foreign Language III |
|-----------------------------------|--------------------------------|-----------------------------------|
| MND 101: First-Year Chinese I | MND 102: First-Year Chinese II | MND 201: Second-Year Chinese I |
| SPA 101: Elementary Spanish I | SPA 102: Elementary Spanish II | SPA 201: Intermediate Spanish (G) |
| Foreign Language IV | | |
| MND 202: Second-Year Chinese II | | |
| SPA 202: Intermediate Spanish (G) | | |

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.

2020 - 2021 Major Map




International Trade, BS





School/College: Thunderbird School of Global Management



Location: West campus

TBINTRABS

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  TGM 101: Principles of Global Management (G) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Create a first draft resume. • Create your LinkedIn profile. • Create your Handshake profile. |
| TGM 191: First-Year Seminar | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 210: Brief Calculus (MA) | 3 | C | |
| SOS 110: Sustainable World (SB) OR SOS 111: Sustainable Cities (HU or SB) & G | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  TGM 204: Principles of Marketing for Global Organizations | 3 | C | <ul style="list-style-type: none"> • Network in your career interest area. • Join a student club or professional organization. • Secure a part-time job or a volunteer experience. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| COM 225: Public Speaking (L) | 3 | C | |
| MAT 211: Mathematics for Business Analysis | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 3 31 - 47 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  TGM 200: Principles of Accounting for Global Organizations | 3 | C | <ul style="list-style-type: none"> • Develop your skills. |
| ECN 211: Macroeconomic Principles (SB) | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Historical Awareness (H) | 3 | | |
|  Complete First-Year Composition requirement. | | | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 47 - 60 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  STP 226: Elements of Statistics (CS) | 3 | C | <ul style="list-style-type: none"> • To register for LES 305, a minimum 2.50 GPA is required. |
| ECN 212: Microeconomic Principles (SB) | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |

Natural Science - Quantitative (SQ) OR Natural Science - General (SG) 4

Term hours subtotal: 13

| Term 5 60 - 76 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | | |
|--|----|---|---|
| ★ LES 305: Business Law and Ethics for Managers OR PHI 306: Applied Ethics (HU) OR PHI 360: Business and Professional Ethics (HU) OR PHI 406: Moral Dilemmas (L or HU) | 3 | C | <ul style="list-style-type: none"> • Work with your academic advisor to start planning your required internship experience. |
| ★ TGM 468: States and Markets in a Global Economy (SB & G) | 3 | C | |
| TGM 310: Supply Chain Operations for Global Organizations | 3 | C | |
| TGM 312: Big Data in the Global Economy | 3 | C | |
| TGM 391: Global Business and Professional Development Skills | 1 | C | |
| ECN 306: Survey of International Economics (SB & G) | 3 | C | |
| Term hours subtotal: | 16 | | |

| Term 6 76 - 91 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | | |
|--|----|---|--|
| ★ TGM 353: Regional Management Environment (G) | 3 | C | <ul style="list-style-type: none"> • Internship experience (minimum of 3 credit hours) suggested during summer term. • Research employment opportunities. • Complete an in person or virtual practice interview. |
| TGM 300: Principles of Finance for Global Organizations | 3 | C | |
| TGM 430: International Trade and Regional Economic Agreements | 3 | C | |
| Complete 2 courses: Elective | 6 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 91 - 106 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | | |
|--|-------|---|--|
| ★ TGM 484: Internship | 3-6 | C | <ul style="list-style-type: none"> • Gather professional references. • Apply for full-time career opportunities. |
| ★ TGM 489: Multinational Organizational Leadership | 3 | C | |
| TGM 460: Global Risk Assessment and Management | 3 | C | |
| Upper Division Elective | 2 | | |
| Elective | 4 | | |
| Term hours subtotal: | 15-18 | | |

| Term 8 106 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | | |
|---|----|---|--|
| ★ TGM 498: Pro-Seminar (L) | 3 | C | |
| TGM 478: Cross-Cultural Communication and Negotiation | 3 | C | |
| Upper Division Elective | 3 | | |
| Complete 2 courses: Elective | 5 | | |
| Term hours subtotal: | 14 | | |

Hide Course List(s)/Track Group(s)

Total Hours: 120

General University Requirements Legend

Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.

2020 - 2021 Major Map

Business (Global Logistics Management), BA

School/College: W. P. Carey School of Business

Location: .

BABUSGLBA















and

International

Trade, BS

Thunderbird School of Global Management

TBINTRABS

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes | |
|---|-------|---------------|--|---|
|  CIS 105: Computer Applications and Information Technology (CS) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Create a first draft resume. • Create your LinkedIn profile. • Create your Handshake profile. | |
|  MAT 210: Brief Calculus (MA) | 3 | C | | |
|  TGM 101: Principles of Global Management (G) | 3 | C | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | | |
| TGM 191: First-Year Seminar OR WPC 101: Student Success in Business | 1 | | | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | | |
|  Business Skills Courses: No Grades of D or E | | | | |
| Term hours subtotal: | 16 | | | |
| Term 2 16 - 31.25 Credit Hours Critical course signified by  | Hours | Minimum Grade | | Notes |
|  ECN 211: Macroeconomic Principles (SB) | 3 | C | | <ul style="list-style-type: none"> • Build your professional connections -- join the ASU Mentor Network • Join a student club or professional organization. • Secure a part-time job or a volunteer experience. • Research study abroad opportunities recommended for your major |
|  MAT 211: Mathematics for Business Analysis | 3 | C | | |
| WPC 148: First-Year Introduction to Career Development | 0.25 | C | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | | |
| COM 225: Public Speaking (L) | 3 | C | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | | |
|  Business Skills Courses: No Grades of D or E | | | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | | |
| Term hours subtotal: | 15.25 | | | |
| Term 3 31.25 - 47.50 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes | |
|  ACC 231: Uses of Accounting Information I | 3 | C | <ul style="list-style-type: none"> • Develop your skills • Continuing first-year students will take WPC 248, after completing WPC 148 • New transfer students will take WPC 347 | |
|  ECN 212: Microeconomic Principles (SB) | 3 | C | | |
|  ECN 221: Business Statistics (CS) | 3 | C | | |
| TGM 204: Principles of Marketing for Global Organizations OR MKT 300: Marketing and Business Performance | 3 | C | | |
| Term hours subtotal: | 12 | | | |

WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management 0.25 C

Natural Science - Quantitative (SQ) 4

❗ Business Skills Courses: No Grades of D or E

❗ Complete First-Year Composition requirement.

Complete Mathematics (MA) requirement.

Term hours subtotal: 16.25

| Term 4 47.50 - 62.50 Credit Hours Critical course signified by ❗ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

❗ ACC 241: Uses of Accounting Information II 3 C

ECN 306: Survey of International Economics (SB & G) 3 C

MGT 300: Organization and Management Leadership 3 C

Natural Science - Quantitative (SQ) OR Natural Science - General (SG) 4

Elective 2

❗ Business Skills Courses: No Grades of D or E

Term hours subtotal: 15

| Term 5 62.50 - 77.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

★ SCM 300: Global Supply Operations OR TGM 310: Supply Chain Operations for Global Organizations 3 C

★ TGM 312: Big Data in the Global Economy 3 C

★ TGM 468: States and Markets in a Global Economy (SB & G) 3 C

LES 305: Business Law and Ethics for Managers 3 C

WPC 300: Problem Solving and Actionable Analytics 3 C

WPC 348: Junior Networking Foundations 0.25 C

Term hours subtotal: 15.25

| Term 6 77.75 - 92.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

★ FIN 300: Fundamentals of Finance OR TGM 300: Principles of Finance for Global Organizations 3 C

★ SCM 314: Analytics for Logistics 3 C

★ SCM 354: Procurement of Services 3 C

★ TGM 353: Regional Management Environment (G) 3 C

★ TGM 430: International Trade and Regional Economic Agreements 3 C

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal: 15

| Term 7 92.75 - 107.75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

★ SCM 344: Applied Logistics Management 3 C

★ SCM 385: Business and Sustainability I 3 C

★ TGM 484: Internship 3 C

★ TGM 489: Multinational Organizational Leadership 3 C

- Be sure to take upcoming SCM courses in the term indicated, due to limited section availability on West campus.
- To register for LES 305, a minimum 2.50 GPA is required.





- Work with your advisor to start planning your required internship experience.

- TGM 484: Internship (minimum of 3 credit hours) suggested during summer term or Term 7. Work with your advisor to start planning your required internship experience.
- Use Handshake to research employment opportunities.
- Complete an in person or virtual practice interview.

- Gather professional references.
- Apply for full-time career opportunities.

MGT 411: Leading Organizations 3 C

Term hours subtotal: 15

| Term 8 107.75 - 120.00 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  SCM 445: Advanced Logistics Management | 3 | C | |
|  TGM 460: Global Risk Assessment and Management | 3 | C | |
|  TGM 498: Pro-Seminar (L) | 3 | C | |
| TGM 478: Cross-Cultural Communication and Negotiation | 3 | C | |
| WPC 448: Senior Career Transition Management | 0.25 | C | |
| Term hours subtotal: | 12.25 | | |

Hide Course List(s)/Track Group(s)

Business Skills Courses - No Grades of D or E

ACC 231: Uses of Accounting Information I or ACC 232: Financial Accounting I or ACC 261: Honors Fundamentals of Financial Accounting

ACC 241: Uses of Accounting Information II or ACC 242: Managerial Accounting I or ACC 271: Honors Fundamentals of Managerial Accounting

CIS 105: Computer Applications and Information Technology (CS) or CIS 236: Honors Introduction to Information Systems (CS)

ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB)

ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB)

ECN 221: Business Statistics (CS) or ECN 231: Honors Business Statistics (CS)

MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I (MA)

MAT 211: Mathematics for Business Analysis or MAT 271: Calculus with Analytic Geometry II (MA)

Total Hours: 120

Upper Division Hours: 50 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)

Total Community College Hrs: 64 maximum

- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.







2020 - 2021 Major Map

International Trade, BS

School/College: [Thunderbird School of Global Management](#)

Location: [Online](#)

TBINTRABS

| Term 1 - A 0 - 7 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  TGM 101: Principles of Global Management (G) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Create your Linkedin profile • Create your Handshake profile |
| ASU 101-UC: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| Term hours subtotal: | 7 | | |
| Term 1 - B 7 - 13 Credit Hours | Hours | Minimum Grade | Notes |
| MAT 210: Brief Calculus (MA) | 3 | C | <ul style="list-style-type: none"> • View ASU Online first-year student registration information here. • Join a student club • Secure a part-time job |
| SOS 110: Sustainable World (SB) OR SOS 111: Sustainable Cities (HU or SB) & G) | 3 | | |
| Term hours subtotal: | 6 | | |
| Term 2 - A 13 - 22 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  TGM 204: Principles of Marketing for Global Organizations | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| Elective | 3 | | |
| Term hours subtotal: | 9 | | |
| Term 2 - B 22 - 31 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
| MAT 211: Mathematics for Business Analysis | 3 | C | <ul style="list-style-type: none"> • Build your professional connections -- join the ASU Mentor Network |
| Humanities, Arts and Design (HU) | 3 | | |
| Elective | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 9 | | |
| Term 3 - A 31 - 40 Credit Hours | Hours | Minimum Grade | Notes |
| COM 225: Public Speaking (L) | 3 | C | |
| ECN 211: Macroeconomic Principles (SB) | 3 | C | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 9 | | |
| | | Minimum | |

| Term 3 - B 40 - 47 Credit Hours Critical course signified by | Hours | Grade | Notes |
|---|-------|-------|-----------------------|
| TGM 200: Principles of Accounting for Global Organizations | 3 | C | • Develop your skills |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 7 | | |

| Term 4 - A 47 - 56 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| STP 226: Elements of Statistics (CS) | 3 | C | |
| TGM 468: States and Markets in a Global Economy (SB & G) | 3 | C | |
| Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 4 - B 56 - 63 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ECN 212: Microeconomic Principles (SB) | 3 | C | • Term 5 or Term 6 are preferred for study abroad. Meet with your advisor to plan for the best study abroad options for your major. |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 5 - A 63 - 72 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| TGM 353: Regional Management Environment (G) | 3 | C | |
| TGM 312: Big Data in the Global Economy | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 5 - B 72 - 79 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| TGM 310: Supply Chain Operations for Global Organizations | 3 | C | • A minimum 2.50 cumulative ASU GPA is required to register for LES 305 in Term 6A. • Work with your academic advisor to start planning for your required international internship. |
| TGM 391: Global Business and Professional Development Skills | 1 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 6 - A 79 - 88 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| LES 305: Business Law and Ethics for Managers OR PHI 306: Applied Ethics (HU) OR PHI 360: Business and Professional Ethics (HU) | 3 | C | |
| ECN 306: Survey of International Economics (SB & G) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 6 - B 88 - 94 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| TGM 300: Principles of Finance for Global Organizations | 3 | C | • Work with your academic advisor to start planning for your required international internship • Research employment opportunities |
| TGM 430: International Trade and Regional Economic Agreements | 3 | C | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 6 | | |

- Complete an in person or virtual **practice interview**

| Term 7 - A 94 - 100 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ TGM 484: Internship | 3-6 | C | • An international internship experience is required. |
| TGM 460: Global Risk Assessment and Management | 3 | C | |
| Term hours subtotal: | 6-9 | | |

| Term 7 - B 100 - 106 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ TGM 489: Multinational Organizational Leadership | 3 | C | • Gather professional references • Apply for full-time career opportunities |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 106 - 115 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| TGM 478: Cross-Cultural Communication and Negotiation | 3 | C | |
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 8 - B 115 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ TGM 498: Pro-Seminar (L) | 3 | C | |
| Upper Division Elective | 2 | | |
| Term hours subtotal: | 5 | | |

Hide Course List(s)/Track Group(s)

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.

2020 - 2021 Major Map

Applied Science (Food and Nutrition Entrepreneurship), **BAS**

School/College: [College of Health Solutions](#)

Location: [Downtown Phoenix campus](#)

ECNTRBAS

This program's name has changed, effective Fall 2020. The previous name was Applied Science (Food Service Management).

| Applicable Community College Prerequisites 0 - 60 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| AAS Transfer Degree Block | 60 | | |
| Term hours subtotal: | 60 | | <ul style="list-style-type: none"> Students may meet lower division general studies requirements with the AAS degree. Students must complete all ASU general studies requirements in order to earn ASU BAS degree. Students should work with their academic advisor to run DARS graduation audit to determine needed general studies requirements. |

| Term 5 60 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ NTR 100: Introduction to Nutrition Science OR NTR 241: Human Nutrition | 3 | C | <ul style="list-style-type: none"> Develop your professional online presence |
| Computer/Statistics/Quantitative Applications (CS) (CIS 105 recommended) | 3 | | |
| Complete 3 courses: | 9 | | |
| Any needed lower division General Studies requirement OR Elective | | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ NTR 343: Food Service Purchasing | 3 | C | |
| NTR 300: Computer Applications in Nutrition | 3 | C | |
| NTR 348: Cultural Aspects of Food (SB & C & G) | 3 | C | |
| NTR 351: Nutrition Communication (L) | 3 | C | |
| Upper Division Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ NTR 445: Management of Food Service Systems | 3 | C | <ul style="list-style-type: none"> Gather professional references |
| ACC 382: Accounting and Financial Analysis | 3 | C | |
| MGT 380: Management and Strategy for Nonmajors | 3 | C | |
| MKT 390: Essentials of Marketing OR MKT 391: Essentials of Selling | 3 | C | |
| NTR Upper Division Elective | 3 | C | |

Term hours subtotal: 15

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ NTR 401: Preprofessional Preparation in Nutrition | 3 | C | • Apply for full-time career opportunities |
| NTR 344: Nutrition Management and Leadership (L) | 3 | C | |
| NTR 345: Development of Healthy Cuisines | 3 | C | |
| NTR 450: Nutrition in the Life Cycle (SB) | 3 | C | |
| NTR 455: Retail Food Service Operations | 3 | C | |
| Term hours subtotal: | 15 | | |

Hide Course List(s)/Track Group(s)

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.

2020 - 2021 Major Map

Applied Science (Food and Nutrition Entrepreneurship), **BAS**

School/College: [College of Health Solutions](#)

Location: [Online](#)

ECNTRBAS

This program's name has changed, effective Fall 2020. The previous name was Applied Science (Food Service Management).

| Applicable Community College Prerequisites 0 - 60 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| AAS Transfer Degree Block | 60 | | |
| Term hours subtotal: | 60 | | <ul style="list-style-type: none"> Students may meet lower division general studies requirements with the AAS degree. Students must complete all ASU general studies requirements (including upper-division) in order to earn ASU BAS degree. Students should work with their academic advisor to run DARS graduation audit to determine needed general studies requirements. |

| Term 5 - A 60 - 66 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ NTR 100: Introduction to Nutrition Science OR NTR 241: Human Nutrition | 3 | C | <ul style="list-style-type: none"> Develop your professional online presence |
| Computer/Statistics/Quantitative Applications (CS) (CIS 105 recommended) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - B 66 - 72 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| Complete 2 courses: | | | |
| Any needed lower division General Studies requirement OR Elective | 6 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - A 72 - 78 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ NTR 343: Food Service Purchasing | 3 | C | |
| Any needed lower division General Studies requirement OR Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 78 - 84 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| NTR 300: Computer Applications in Food Service | 3 | C | |
| NTR 348: Cultural Aspects of Food (SB & C & G) | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 7 - A 84 - 90 Credit Hours | Hours | Minimum Grade | Notes |
|---------------------------------|-------|---------------|-------|
|---------------------------------|-------|---------------|-------|

| | | | |
|--------------------------------------|---|---|----------------------------------|
| NTR 351: Nutrition Communication (L) | 3 | C | • Gather professional references |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 90 - 96 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ NTR 445: Management of Food Service Systems | 3 | C | |
| ACC 382: Accounting and Financial Analysis | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 96 - 102 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| MGT 380: Management and Strategy for Nonmajors | 3 | C | |
| MKT 390: Essentials of Marketing OR MKT 391: Essentials of Selling | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 102 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ NTR 401: Preprofessional Preparation in Nutrition | 3 | C | |
| NTR Upper Division Elective | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 9 - A 108 - 114 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| NTR 344: Nutrition Management and Leadership (L) | 3 | C | • Apply for full-time career opportunities |
| NTR 345: Development of Healthy Cuisines | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 9 - B 114 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ NTR 455: Retail Food Service Operations | 3 | C | |
| NTR 450: Nutrition in the Life Cycle (SB) | 3 | C | |
| Term hours subtotal: | 6 | | |

Hide Course List(s)/Track Group(s)

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)

- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.

2020 - 2021 Major Map

Applied Science (Health Sciences), BAS

School/College: College of Health Solutions

Location: Downtown Phoenix campus, Polytechnic campus, West campus, ASU@Yavapai
 NUHSCBAS

| Applicable Community College Prerequisites 0 - 60 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| AAS Transfer Degree Block | 60 | | |
| Term hours subtotal: | 60 | | <ul style="list-style-type: none"> • Students may meet lower division general studies requirements with the AAS degree. • Students must complete all ASU general studies requirements (including upper-division) in order to earn ASU BAS degree. • Students should work with their academic advisor to run DARS graduation audit to determine needed general studies requirements. |

| Term 5 60 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ EXW 302: Fundamentals of Wellness (L) | 3 | C | |
| HCD 330: Health Care Systems in the U.S. | 3 | C | |
| HSC 300: Complementary Health Care | 3 | C | |
| HSC 310: Health Communication | 3 | C | |
| Any needed lower division General Studies requirement OR Elective | 3 | | |
| Term hours subtotal: | 15 | | <ul style="list-style-type: none"> • Develop your professional online presence |

| Term 6 75 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ HCD 303: Global Health Care Systems (G) | 3 | C | |
| ★ MED 320: Applied Medical/Health Care Ethics (HU) | 3 | C | |
| HSC 412: Health Issues in Later Life | 3 | C | |
| HSC 432: Legal Issues in Health Care | 3 | C | |
| Any needed lower division General Studies requirement OR Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ EXW 450: Social Determinants of Health and Health Behavior ((L or SB) & C) | 3 | C | <ul style="list-style-type: none"> • Gather professional references |
| CHS 340: Health Theory | 3 | C | |
| HCD 420: Population Health Management | 3 | C | |
| HSC 410: Supporting the Health of Older Adults | 3 | C | |
| Any needed lower division General Studies requirement OR Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| | | Minimum | |
|--|--|---------|--|
|--|--|---------|--|

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Grade | Notes |
|---|-------|-------|--|
| ★ HCD 400: Interpreting the Scientific Literature | 3 | C | • Apply for full-time career opportunities |
| MED 300: Historical and Contemporary Issues in Health (L) | 3 | C | |
| MED 417: Impact of Violence on Health | 3 | C | |
| MED 450: Leadership and Professionalism | 3 | C | |
| Any needed lower division General Studies requirement OR Elective | 3 | | |
| Term hours subtotal: | 15 | | |

Hide Course List(s)/Track Group(s)

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.

2020 - 2021 Major Map

Applied Science (Health Sciences), **BAS**

School/College: [College of Health Solutions](#)

Location: [Online](#)

NUHSCBAS

| Applicable Community College Prerequisites 0 - 60 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| AAS Transfer Degree Block | 60 | | |
| Term hours subtotal: | 60 | | <ul style="list-style-type: none"> Students may meet lower division general studies requirements with the AAS degree. Students must complete all ASU general studies requirements (including upper-division) in order to earn ASU BAS degree. Students should work with their academic advisor to run DARS graduation audit to determine needed general studies requirements. |
| Term 5 - A 60 - 66 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
| ★ EXW 302: Fundamentals of Wellness (L) | 3 | C | |
| Any needed lower division General Studies requirement OR Elective | 3 | | <ul style="list-style-type: none"> Develop your professional online presence |
| Term hours subtotal: | 6 | | |
| Term 5 - B 66 - 72 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
| ★ HSC 310: Health Communication | 3 | C | |
| Any needed lower division General Studies requirement OR Elective | 3 | | |
| Term hours subtotal: | 6 | | |
| Term 6 - A 72 - 78 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
| ★ MED 320: Applied Medical/Health Care Ethics (HU) | 3 | C | |
| HCD 303: Global Health Care Systems (G) | 3 | C | |
| Term hours subtotal: | 6 | | |
| Term 6 - B 78 - 84 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
| HSC 412: Health Issues in Later Life | 3 | C | |
| Any needed lower division General Studies requirement OR Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 6 | | |
| Term 7 - A 84 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
| ★ HCD 330: Health Care Systems in the U.S. | 3 | C | <ul style="list-style-type: none"> Gather professional references |
| HSC 300: Complementary Health Care | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 90 - 96 Credit Hours | Hours | Minimum Grade | Notes |
|---------------------------------|-------|---------------|-------|
|---------------------------------|-------|---------------|-------|

| | | | |
|---|---|---|--|
| HSC 410: Supporting the Health of Older Adults | 3 | C | |
| Any needed lower division General Studies requirement OR Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 96 - 102 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | | |
|---|---|---|--|
| ★ CHS 340: Health Theory | 3 | C | |
| ★ MED 300: Historical and Contemporary Issues in Health (L) | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 102 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | | |
|--|---|---|--|
| ★ EXW 450: Social Determinants of Health and Health Behavior ((L or SB) & C) | 3 | C | |
| HCD 400: Interpreting the Scientific Literature | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 9 - A 108 - 114 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | | |
|---|---|---|--|
| ★ MED 450: Leadership and Professionalism | 3 | C | • Apply for full-time career opportunities |
| HCD 420: Population Health Management | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 9 - B 114 - 120 Credit Hours | Hours | Minimum Grade | Notes |
|-----------------------------------|-------|---------------|-------|
|-----------------------------------|-------|---------------|-------|

| | | | |
|---------------------------------------|---|---|--|
| HSC 432: Legal Issues in Health Care | 3 | C | |
| MED 417: Impact of Violence on Health | 3 | C | |
| Term hours subtotal: | 6 | | |

Hide Course List(s)/Track Group(s)

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.

2020 - 2021 Major Map

Applied Science (Medical Laboratory Science), **BAS**

School/College: College of Health Solutions

Location: Downtown Phoenix campus

NUMLSBAS

| Applicable Community College Prerequisites 0 - 90 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

AAS Transfer Degree Block

90

Term hours subtotal:

90

- Students may meet lower division general studies requirements with the AAS degree.
- Students must complete all ASU general studies requirements in order to earn ASU BAS degree.
- Students should work with their academic advisor to run DARS graduation audit to determine needed general studies requirements.

| Term 5 90 - 99 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

Upper Division Computer/Statistics/Quantitative Applications (CS)

3

Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)

3

Upper Division Literacy and Critical Inquiry (L)

3

★ Minimum 2.50 GPA ASU Cumulative.

Term hours subtotal:

9

- Develop your **professional online presence**

| Term 6 99 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

MDL 410: Laboratory Leadership

1

C

MDL 420: Advanced Clinical Urinalysis and Body Fluids

2

C

MDL 430: Advanced Hematology and Hemostasis

3

C

MDL 440: Advanced Immunohematology and Immunology

3

C

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

★ Minimum 2.50 GPA ASU Cumulative.

Term hours subtotal:

9

| Summer 6 108 - 112 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

MDL 421: Advanced Practicum in Clinical Urinalysis and Body Fluids

1

C

MDL 431: Advanced Practicum in Hematology and Hemostasis

1

C

MDL 441: Advanced Practicum in Immunohematology and Immunology

2

C

★ Minimum 2.50 GPA ASU Cumulative.

Term hours subtotal:

4

| Term 7 112 - 118 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | | |
|---|---|---|----------------------------------|
| MDL 450: Advanced Clinical Microbiology | 3 | C | • Gather professional references |
| MDL 460: Advanced Clinical Chemistry | 3 | C | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | | 6 | |

| Term 8 118 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| MDL 451: Advanced Practicum: Clinical Microbiology | 1 | C | • Apply for full-time career opportunities |
| MDL 461: Advanced Practicum: Clinical Chemistry | 1 | C | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | | 2 | |

Hide Course List(s)/Track Group(s)

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map






Biomedical Informatics, BS





School/College: College of Health Solutions



Location: Tempe campus

ESBMIBS

| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  BIO 181: General Biology I (SQ) | 4 | C | <ul style="list-style-type: none"> An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses Mathematics Placement Assessment score determines placement in mathematics course ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students Select your Career Interest Communities and play me3. Students who enter as freshmen must complete CHS 100; students who enter with more than 45 hours should complete CHS 300 instead. |
| CHS 100: Optimizing Your Health and Performance (SB) OR CHS 300: The Science of Well-Being (SB) | 3 | C | |
| CHS 101: The ASU Experience for Health Solutions Students | 1 | | |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| Elective OR MAT 170: Precalculus (MA) OR MAT 171: Precalculus: Science, Technology, Engineering and Mathematics (STEM) (MA) | 3-4 | C | |
| Term hours subtotal: | 14-15 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  BIO 182: General Biology II (SQ) | 4 | C | <ul style="list-style-type: none"> Join a student club or professional organization Create a first draft resume |
|  CSE 110: Principles of Programming (CS) | 3 | C | |
|  MAT 251: Calculus for Life Sciences (MA) | 3 | C | |
| BMI 201: Introduction to Clinical Informatics | 3 | C | |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 46 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  CHM 113: General Chemistry I (SQ) | 4 | C | <ul style="list-style-type: none"> Develop your skills |
|  CSE 205: Object-Oriented Programming and Data Structures (CS) | 3 | C | |
|  MAT 243: Discrete Mathematical Structures | 3 | C | |
| BMI 102: Introduction to Population Health Informatics | 3 | C | |
| STP 231: Statistics for Life Science (CS) | 3 | C | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 46 - 61 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  BMI 221: Knowledge Representation for Biomedical Informatics | 3 | C | <ul style="list-style-type: none"> Explore an internship |

| | | |
|---|----|---|
| ❗ CSE 240: Introduction to Programming Languages | 3 | C |
| BMI 211: Modeling Biomedical Decisions | 3 | C |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | |
| Elective | 3 | |
| ❗ Complete BMI 102 AND BMI 201 course(s). | | |
| Term hours subtotal: | 15 | |

| Term 5 61 - 77 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ BIO 340: General Genetics | 4 | C | <ul style="list-style-type: none"> • Update your resume • Thinking about graduate school? Consider registering for a grad school test prep course |
| BMI 311: Modeling Biomedical Knowledge | 3 | C | |
| BMI 332: Team Dynamics for Healthcare IT Projects | 3 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 6 77 - 92 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ BMI 312: Modeling Biomedical Data | 3 | C | <ul style="list-style-type: none"> • Use Handshake to research employment opportunities • Complete an in person or virtual practice interview |
| BMI 330: Topics in Translational Bioinformatics | 3 | C | |
| BMI 410: Database Management in Health Care | 3 | C | |
| CSE 360: Introduction to Software Engineering | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 92 - 107 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ BMI 404: Clinical Environments | 3 | C | |
| ★ BMI 461: Advanced Topics in Biomedical Informatics I | 3 | C | |
| ★ BMI 482: Capstone I (L) OR CHS 492: Honors Directed Study | 3 | C | |
| BMI 484: Internship | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) AND Global Awareness (G) OR Upper Division Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 107 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ BMI 483: Capstone II (L) OR CHS 493: Honors Thesis (L) | 3 | C | <ul style="list-style-type: none"> • Apply for full-time career opportunities |
| Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective | 3 | | |
| Elective | 4 | | |
| Term hours subtotal: | 13 | | |

Hide Course List(s)/Track Group(s)

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map





Dietetics, BS




School/College: College of Health Solutions

Location: Downtown Phoenix campus

NHDIETCSBS

| Term 1 0 - 15 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  CHM 101: Introductory Chemistry (SQ) | 4 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Minimum grade of C required in the courses marked as C or better for Didactic Program in Dietetics (DPD) verification statement • In order to compete for a dietetic internship to earn the RD credential after graduation, it is recommended that students maintain a minimum ASU cumulative GPA of 3.50. • Students who enter the major as first-year students must complete CHS 100; students who enter the major with more than 45 hours should complete CHS 300. • Build your professional connections -- join the ASU Mentor Network |
| CHS 100: Optimizing Your Health and Performance (SB) OR CHS 300: The Science of Well-Being (SB) | 3 | C | |
| CHS 101: The ASU Experience for Health Solutions Students | 1 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 117: College Algebra (MA) | 3 | C | |
| NTR 150: Introduction to the Professions in Nutrition and Dietetics | 1 | C | |
|  Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 2 15 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  NTR 241: Human Nutrition | 3 | C | <ul style="list-style-type: none"> • Join a student club or professional organization. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| PSY 101: Introduction to Psychology (SB) | 3 | C | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 3 30 - 46 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  BIO 201: Human Anatomy and Physiology I (SG) | 4 | C | <ul style="list-style-type: none"> • In order to compete for a dietetic internship to earn the RD credential after graduation, it is recommended that students maintain a minimum ASU cumulative GPA of 3.50. • Develop your skills. |
|  NTR 142: Applied Food Principles | 3 | C | |
| STP 231: Statistics for Life Science (CS) OR HCD 300: Biostatistics (CS) | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Elective | 3 | | |

❗ Complete First-Year Composition requirement.

❗ Complete Mathematics (MA) requirement.

❗ Minimum 3.00 GPA ASU Cumulative.

Term hours subtotal: 16

| Term 4 46 - 62 Credit Hours Critical course signified by ❗ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ❗ BIO 202: Human Anatomy and Physiology II (SG) | 4 | C | <ul style="list-style-type: none">• Secure a part-time job or volunteer experience.• Use Handshake to research employment opportunities. |
| CHS 260: Health Professions Terminology | 3 | C | |
| NTR 290: Introduction to Evidence-Based Research in Nutrition (L) | 3 | C | |
| Complete 2 courses: Elective | 6 | | |
| ❗ Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 5 62 - 78 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ CHM 231: Elementary Organic Chemistry (SQ) AND CHM 235: Elementary Organic Chemistry Laboratory (SQ) | 4 | C | <ul style="list-style-type: none">• In order to compete for a dietetic internship to earn the RD credential after graduation, it is recommended that students maintain a minimum ASU cumulative GPA of 3.50.• Develop your professional online presence. |
| ★ NTR 341: Medical Nutrition Therapy I | 3 | C | |
| CHS 294: Community Health and Translational Research OR CHS 484: Internship | 3 | C | |
| NTR 343: Food Service Purchasing | 3 | C | |
| NTR 351: Nutrition Communication (L) | 3 | C | |
| ★ Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ BCH 361: Advanced Principles of Biochemistry | 3 | C | <ul style="list-style-type: none">• Use Handshake to research employment opportunities. |
| NTR 344: Nutrition Management and Leadership (L) | 3 | C | |
| NTR 350: Nutrition Counseling | 3 | C | |
| NTR 444: Medical Nutrition Therapy II | 3 | C | |
| Upper Division Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| ★ Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 106 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ NTR 400: Preprofessional Preparation in Dietetics | 1 | C | <ul style="list-style-type: none">• In order to compete for a dietetic internship to earn the RD credential after graduation, it is recommended that students maintain a minimum ASU cumulative GPA of 3.50.• Gather professional references. |
| ★ NTR 441: Advanced Human Nutrition II | 3 | C | |
| NTR 446: Medical Nutrition Therapy III | 4 | C | |
| NTR 450: Nutrition in the Life Cycle (SB) | 3 | C | |
| Elective | 2 | | |
| ★ Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 13 | | |

| Term 8 106 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ NTR 440: Advanced Human Nutrition I | 3 | C | • Apply for full time career opportunities. |
| ★ NTR 445: Management of Food Service Systems | 3 | C | |
| MIC 205: Microbiology (SG) AND MIC 206: Microbiology Laboratory (SG) | 4 | C | |
| NTR 448: Community Nutrition (L) | 3 | C | |
| Upper Division Elective | 1 | | |
| ★ Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 14 | | |

Hide Course List(s)/Track Group(s)

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map



Exercise and Wellness, BS








School/College: College of Health Solutions

Location: Downtown Phoenix campus

ECEXERBS

| Term 1 0 - 15 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  CHS 101: The ASU Experience for Health Solutions Students | 1 | | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Students interested in pursuing graduate school should take a higher level math in term 1 (or later as an elective for those placing into MAT 117 in term 1). • Join a student club or professional organization. |
|  KIN 101: Introduction to Kinesiology | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 170: Precalculus (MA) | 3 | C | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Elective | 2 | | |
| Term hours subtotal: | 15 | | |

| Term 2 15 - 31 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| CHM 113: General Chemistry I (SQ) | 4 | C | <ul style="list-style-type: none"> • Students who plan to pursue a physical therapy graduate program should take CHM 113 rather than CHM 101 as long as they meet the MAT 170 prerequisite. • Look into the 4+1 options in the major. • Students who enter as freshmen must enroll in CHS 100; students who enter with more than 45 hours may enroll in CHS 300 instead. |
| CHS 100: Optimizing Your Health and Performance (SB) OR CHS 300: The Science of Well-Being (SB) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| EXW 215: Resistance Training and Recovery Techniques OR EXW 217: Cardiorespiratory and Flexibility Training | 3 | C | |
| PSY 101: Introduction to Psychology (SB) | 3 | C | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 31 - 47 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  BIO 201: Human Anatomy and Physiology I (SG) | 4 | C | <ul style="list-style-type: none"> • Secure a part-time job or volunteer experiences. • Become a student member of a professional organization. • Students who plan to apply to a graduate program should take BIO 201 rather than BIO 160 in term 3. |
|  STP 226: Elements of Statistics (CS) OR STP 231: Statistics for Life Science (CS) OR HCD 300: Biostatistics (CS) | 3 | C | |
| EXW 215: Resistance Training and Recovery Techniques OR EXW 217: Cardiorespiratory and Flexibility Training | 3 | C | |
| NTR 241: Human Nutrition | 3 | C | |
| Elective | 3 | | |
|  Complete EXW 215 AND EXW 217 course(s). | | | |
|  Complete First-Year Composition requirement. | | | |
|  Complete Mathematics (MA) requirement. | | | |
|  Minimum 3.00 GPA ASU Cumulative. | | | |

Term hours subtotal: 16

| Term 4 47 - 63 Credit Hours Critical course signified by ⚠ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ⚠ BIO 202: Human Anatomy and Physiology II (SG) | 4 | C | <ul style="list-style-type: none"> Students who plan to apply to graduate school should take BIO 202 instead of a 4-credit elective in term 4. |
| KIN 290: Introduction to Evidence-Based Practice (L) OR NTR 290: Introduction to Evidence-Based Research in Nutrition (L) | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Complete 2 courses: Elective | 6 | | |
| ⚠ Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | | 16 | |

| Term 5 63 - 79 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ EXW 330: Kinesiological Foundations of Movement | 4 | C | <ul style="list-style-type: none"> Develop your professional online presence. |
| ★ KIN 340: Physiology of Exercise | 3 | C | |
| EXW 344: Impact of Physical Activity on Health and Disease | 3 | C | |
| KIN 352: Psychosocial Aspects of Physical Activity (SB & C) | 3 | C | |
| Upper Division Major Electives | 3 | C | |
| Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | | 16 | |

| Term 6 79 - 95 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ EXW 420: Exercise Testing | 4 | C | <ul style="list-style-type: none"> Gather professional references. If the course chosen to fulfill an Upper Division Specialty Focus Area also meets a college competency, then the student will need an additional 3 credit elective. |
| ★ KIN 447: ECG Interpretation | 3 | C | |
| KIN 443: Exercise Endocrinology (L) | 3 | C | |
| Complete 2 courses: Upper Division Major Electives | 6 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | | 16 | |

| Term 7 95 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ Complete 2 courses: Upper Division Major Electives | 6 | C | <ul style="list-style-type: none"> Explore an internship Thinking about graduate school? Consider registering for a grad school test prep course. |
| Complete 2 courses: Elective | 6 | | |
| Upper Division Elective | 1 | | |
| Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | | 13 | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ EXW 484: Internship | 3 | C | <ul style="list-style-type: none"> Apply for full-time career opportunities The internship fills the college's translational research requirement for the 2019-20 catalog year only. |
| Upper Division Major Electives | 3 | C | |
| Complete 2 courses: Elective | 6 | | |

Term hours subtotal: 12

- Students will select their specialty focus courses with the advice of the academic advisor. Students interested in taking NTR 457 Sports Nutrition as one of their specialty focus courses need to take NTR 241 as their elective in term 4.

Hide Course List(s)/Track Group(s)

Major Electives

CHS 340: Health Theory

CHS 394: CHS Peer Instructional Facilitator

CHS 494: Adaptive Exercise Program
Practical Experience

CHS 494: Advanced Undergraduate Teaching
Assistant

EXW 400: Stress Management for Wellness

EXW 442: Motivational Interviewing

EXW 494: Ex Rx: Cardiorespiratory and
Metabolic Conditions

HSC 355: Eating for Lifelong Health (SB)

KIN 345: Motor and Developmental Learning

KIN 422: Motor Control in Special
Populations (L)

KIN 423: Motor Control and Aging (L)

KIN 424: Neural Aspects of Movement and
Rehabilitation

NTR 353: Perspectives on the Western Diet:
Food Health and Sustainability

NTR 450: Nutrition in the Life Cycle (SB)

PRM 364: Foundations of Recreation Therapy
(SB)

PRM 384: Recreational Therapy Practicum

PRM 453: Inclusive and Adaptive Sports and
Recreation

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)

- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map




Food and Nutrition Entrepreneurship, BS





School/College: College of Health Solutions


Location: Downtown Phoenix campus

NHFNUENBS

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Build your professional connections -- join the ASU Mentor Network • Students who enter as first-year students must complete CHS 100; students who enter with more than 45 hours should complete CHS 300 instead. |
| CHS 100: Optimizing Your Health and Performance (SB) OR CHS 300: The Science of Well-Being (SB) | 3 | C | |
| CHS 101: The ASU Experience for Health Solutions Students | 1 | | |
| MAT course (MA) | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  CHM 101: Introductory Chemistry (SQ) | 4 | C | <ul style="list-style-type: none"> • Join a student club or professional organization. |
| ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Complete 2 courses: Elective | 6 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 48 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  NTR 100: Introduction to Nutrition Science OR NTR 241: Human Nutrition | 3 | C | <ul style="list-style-type: none"> • Develop your skills. |
| AGB 250: Economics of Resource Allocation: Food and Agriculture | 3 | C | |
| BIO 160: Introduction to Anatomy and Physiology (SQ) OR MIC 205: Microbiology (SG) AND MIC 206: Microbiology Laboratory (SG) | 4 | C | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Elective | 3 | | |
|  Complete First-Year Composition requirement. | | | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 48 - 63 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|--|----|---|
| 📌 NTR 142: Applied Food Principles | 3 | C |
| Computer/Statistics/Quantitative Applications (CS) | 3 | |
| Complete 3 courses: | | |
| Elective | 9 | |
| Term hours subtotal: | 15 | |

- Secure a **part-time job** or **volunteer** experience.

| Term 5 63 - 78 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ ENG 301: Writing for the Professions (L) OR TWC 301: Fundamentals of Writing for Digital Media (L) | 3 | C | • Develop your professional online presence . |
| ACC 382: Accounting and Financial Analysis | 3 | C | |
| NTR 343: Food Service Purchasing | 3 | C | |
| NTR 345: Development of Healthy Cuisines OR NTR 442: Experimental Functional Foods | 3 | C | |
| NTR 455: Retail Food Service Operations | 3 | C | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ NTR 344: Nutrition Management and Leadership (L) | 3 | C | • Use Handshake to research employment opportunities . |
| HSC 355: Eating for Lifelong Health (SB) OR NTR 450: Nutrition in the Life Cycle (SB) | 3 | C | |
| MGT 380: Management and Strategy for Nonmajors | 3 | C | |
| NTR 353: Perspectives on the Western Diet: Food, Health and Sustainability | 3 | C | |
| Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ NTR 300: Computer Applications in Food Service OR NTR 302: Digital Technologies in Nutrition | 3 | C | • Gather professional references . |
| MKT 390: Essentials of Marketing | 3 | C | |
| NTR 448: Community Nutrition (L) | 3 | C | |
| Complete 2 courses: | 6 | | |
| Elective | | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ NTR 401: Preprofessional Preparation in Nutrition | 3 | C | • Apply for full-time career opportunities . |
| NTR 360: Nutrition Entrepreneurship | 3 | C | |
| NTR 445: Management of Food Service Systems | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 12 | | |

Hide Course List(s)/Track Group(s)

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map

Food and Nutrition Entrepreneurship, BS



School/College: [College of Health Solutions](#)



Location: [Online](#)



NHFNUENBS

| Term 1 - A 0 - 7 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Students who enter as first-year students must complete CHS 100; students who enter with more than 45 hours should complete CHS 300 instead. |
| ASU 101-UC: The ASU Experience | 1 | | |
| CHS 100: Optimizing Your Health and Performance (SB) OR CHS 300: The Science of Well-Being (SB) | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 13 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • Build your professional connections -- join the ASU Mentor Network • View ASU Online first-year student registration information here |
| MAT course (MA) | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 2 - A 13 - 20 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  CHM 101: Introductory Chemistry (SQ) | 4 | C | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 2 - B 20 - 26 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  NTR 100: Introduction to Nutrition Science OR NTR 241: Human Nutrition | 3 | C | <ul style="list-style-type: none"> • Join a student club or professional organization. |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 3 - A 26 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  AGB 250: Economics of Resource Allocation: Food and Agriculture | 3 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 3 - B 32 - 38 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | |
|---|---|
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 |
| Elective | 3 |
| 🔻 Complete First-Year Composition requirement. | |
| 🔻 Complete Mathematics (MA) requirement. | |
| Term hours subtotal: | 6 |

- Develop your **skills**.

| Term 4 - A 38 - 45 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| BIO 160: Introduction to Anatomy and Physiology (SQ) OR MIC 205: Microbiology (SG) AND MIC 206: Microbiology Laboratory (SG) | 4 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 4 - B 45 - 51 Credit Hours Critical course signified by 🔻 | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| 🔻 NTR 142: Applied Food Principles | 3 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Term hours subtotal: | 6 | | |

- Secure a **part-time job** or **volunteer experience**.

| Term 5 - A 51 - 57 Credit Hours Necessary course signified by ⭐ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ⭐ ENG 301: Writing for the Professions (L) OR TWC 301: Fundamentals of Writing for Digital Media (L) | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - B 57 - 63 Credit Hours Necessary course signified by ⭐ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ⭐ NTR 343: Food Service Purchasing | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

- Develop your **professional online presence**.

| Term 6 - A 63 - 69 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ACC 382: Accounting and Financial Analysis | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 69 - 75 Credit Hours Necessary course signified by ⭐ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| NTR 345: Development of Healthy Cuisines | 3 | C | |
| Elective | 3 | | |
| ⭐ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 6 | | |

- Use Handshake to research **employment opportunities**.

| Term 7 - A 75 - 81 Credit Hours Necessary course signified by ⭐ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ⭐ HSC 355: Eating for Lifelong Health (SB) OR NTR 450: Nutrition in the Life Cycle (SB) | 3 | C | |
| NTR 344: Nutrition Management and Leadership (L) | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 81 - 87 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ NTR 353: Perspectives on the Western Diet: Food, Health and Sustainability | 3 | C | • Gather professional references. |
| MGT 380: Management and Strategy for Nonmajors | 3 | C | |
| Term hours subtotal: | 6 | | |
| Term 8 - A 87 - 93 Credit Hours | Hours | Minimum Grade | Notes |
| MKT 390: Essentials of Marketing | 3 | C | |
| NTR 448: Community Nutrition (L) | 3 | C | |
| Term hours subtotal: | 6 | | |
| Term 8 - B 93 - 99 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
| ★ NTR 455: Retail Food Service Operations | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |
| Term 9 - A 99 - 105 Credit Hours | Hours | Minimum Grade | Notes |
| NTR 300: Computer Applications in Food Service OR NTR 302: Digital Technologies in Nutrition | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |
| Term 9 - B 105 - 111 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
| ★ NTR 360: Nutrition Entrepreneurship | 3 | C | • Apply for full-time career opportunities. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |
| Term 10 - A 111 - 117 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
| ★ NTR 401: Preprofessional Preparation in Nutrition | 3 | C | |
| NTR 445: Management of Food Service Systems | 3 | C | |
| Term hours subtotal: | 6 | | |
| Term 10 - B 117 - 120 Credit Hours | Hours | Minimum Grade | Notes |
| Elective | 3 | | |
| Term hours subtotal: | 3 | | |

Hide Course List(s)/Track Group(s)

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum

General University Requirements Legend

General Studies Core Requirements:
• Literacy and Critical Inquiry (L)
• Mathematical Studies (MA)

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map




Health Education and Health Promotion, BS



School/College: College of Health Solutions

Location: Downtown Phoenix campus, ASU@Lake Havasu

NHHEHPBS

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  CHS 101: The ASU Experience for Health Solutions Students | 1 | | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Students who plan to apply to a graduate program after graduation may wish to take a higher level math than that required for this degree. If the student decides to do so but tests into MAT 117 in term 1, an elective later in the program may be used to take a higher level math. • Students who enter the major as freshmen must complete CHS 100; students who enter the major with at least 45 hours should complete CHS 300. • Students who enter the major with fewer than 45 hours must take HEP 100; those who enter with at least 45 hours may take EXW 302. • Create a first draft resume. |
| CHS 100: Optimizing Your Health and Performance (SB) OR CHS 300: The Science of Well-Being (SB) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| HEP 100: Introduction to Health and Wellness (SB) OR EXW 302: Fundamentals of Wellness (L) | 3 | C | |
| MAT course (MA) | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  HEP 102: Principles and Foundations of Health Education and Health Promotion | 3 | C | <ul style="list-style-type: none"> • Join a student club or professional organization. |
| CHM 107: Chemistry and Society (SQ) AND CHM 108: Chemistry and Society Laboratory (SQ) OR CHM 101: Introductory Chemistry (SQ) OR CHM 113: General Chemistry I (SQ) OR BIO 181: General Biology I (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Complete 2 courses: Elective | 6 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 48 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  BIO 160: Introduction to Anatomy and Physiology (SQ) | 4 | C | <ul style="list-style-type: none"> • Develop your skills. • Students who are planning to apply to graduate school for medicine, physical therapy, |
| NTR 241: Human Nutrition OR NTR 100: Introduction to Nutrition Science | 3 | C | |

| | |
|---|----|
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 |
| Literacy and Critical Inquiry (L) | 3 |
| Elective | 3 |
| ❖ Complete Mathematics (MA) requirement. | |
| Complete First-Year Composition requirement. | |
| Term hours subtotal: | 16 |

occupational therapy, dentistry, optometry or physician's assistant or to our MS in Exercise and Wellness or Clinical Exercise Physiology should take BIO 201 in Term 3 instead of BIO 160, and BIO 202 in Term 4 instead of an elective.

| Term 4 48 - 62 Credit Hours Critical course signified by ❖ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ❖ HEHP Major Electives | 3 | C | <ul style="list-style-type: none"> Students who are planning to apply to graduate school for medicine, physical therapy, occupational therapy, dentistry, optometry or physician's assistant or to our MS in Exercise and Wellness or Clinical Exercise Physiology should take BIO 201 in Term 3 instead of BIO 160, and BIO 202 in Term 4 instead of an elective. |
| Humanities, Arts and Design (HU) OR Social-Behavioral Sciences (SB) | 3 | | |
| Complete 3 courses: | | | |
| Elective | 8 | | |
| Term hours subtotal: | 14 | | |

| Term 5 62 - 77 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ CHS 340: Health Theory | 3 | C | <ul style="list-style-type: none"> Develop your professional online presence. |
| HCD 300: Biostatistics (CS) | 3 | C | |
| HEP 348: Methods of Health Education | 3 | C | |
| HEHP Major Electives | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 77 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ HEP 384: Preinternship for Health Education and Health Promotion | 1 | C | <ul style="list-style-type: none"> Complete an in person or virtual practice interview. |
| ★ HEP 452: Health Advocacy in Health Education | 3 | C | |
| HEP 444: Epidemiology | 3 | C | |
| HEP 454: Health Promotion Program Planning and Implementation | 3 | C | |
| HEP 456: Health Promotion Program Evaluation | 3 | C | |
| Upper Division HEHP Major Electives | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ EXW 450: Social Determinants of Health and Health Behavior (L or SB) & C) | 3 | C | <ul style="list-style-type: none"> Apply for full-time career opportunities. |
| ★ HEP 466: Health Promotion Program Management and Administration | 3 | C | |
| HEP 486: Applied Projects in Health Education and Health Promotion | 3 | C | |
| Upper Division HEHP Major Electives | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ Upper Division HEHP Major Electives | 3 | C | |
| HEP 476: Community Health | 3 | C | |
| HEP 486: Applied Projects in Health Education and Health Promotion | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Term hours subtotal: | 12 | | |

Hide Course List(s)/Track Group(s)

- HEHP Major Electives
- EXW 335: Physical Activity and Physiological Concepts
- EXW 344: Impact of Physical Activity on Health and Disease
- EXW 400: Stress Management for Wellness
- HEP 241: Health Education Methods for Injury Prevention and Preparedness
- HEP 251: Preventing HIV and Substance Abuse
- HEP 303: Human Sexuality for Health Education
- HEP 350: Substance Abuse and Addictive Behavior
- HEP 361: Social Media and Marketing for Health
- HEP 371: Conflict Management and Mediation and Violence Prevention
- HEP 380: Body Image and Wellness
- HEP 410: Obesity Perspectives and Prescriptions
- HEP 443: Emotional Health and Interpersonal Relationships
- HEP 448: Foundations of School Health Education
- HEP 484: Internship

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum

General University Requirements Legend

- General Studies Core Requirements:
- Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - Computer/Statistics/Quantitative Applications (CS)

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.

2020 - 2021 Major Map



Health Education and Health Promotion, BS



School/College: [College of Health Solutions](#)



Location: [Online](#)


NHHEHPBS


| Term 1 - A 0 - 7 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| CHS 100: Optimizing Your Health and Performance (SB) OR CHS 300: The Science of Well-Being (SB) | 3 | C | <ul style="list-style-type: none"> An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses Mathematics Placement Assessment score determines placement in mathematics course ASU 101 or College specific equivalent First Year Seminar required of all first-year students Students who enter with fewer than 45 hours must complete CHS 100; students who enter with more than 45 hours should complete CHS 300. |
| ASU 101-UC: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 13 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  HEP 100: Introduction to Health and Wellness (SB) OR EXW 302: Fundamentals of Wellness (L) | 3 | C | <ul style="list-style-type: none"> View ASU Online first-year student registration information here. Students who enter the major with fewer than 45 hours must take HEP 100; those who enter with at least 45 hours may take EXW 302. Create a first draft resume. |
| MAT course (MA) | 3 | C | |
| Term hours subtotal: | 6 | | |



| Term 2 - A 13 - 19 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|  HEP 102: Principles and Foundations of Health Education and Health Promotion | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 6 | | |



| Term 2 - B 19 - 26 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| CHM 107: Chemistry and Society (SQ) AND CHM 108: Chemistry and Society Laboratory (SQ) OR CHM 101: Introductory Chemistry (SQ) OR CHM 113: General Chemistry I (SQ) OR BIO 181: General Biology I (SQ) | 4 | C | <ul style="list-style-type: none"> Join a student club or professional organization. |
| Elective | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 7 | | |

| Term 3 - A 26 - 33 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|



| | | |
|--|---|---|
|  BIO 160: Introduction to Anatomy and Physiology (SQ) | 4 | C |
| Elective | 3 | |
| Term hours subtotal: | 7 | |

- Students who are planning to apply to graduate school for medicine, physical therapy, occupational therapy, dentistry, optometry or physician's assistant or to our MS in Exercise and Wellness or Clinical Exercise Physiology should take BIO 201 in Term 3A instead of BIO 160, and BIO 202 in Term 3B instead of an elective.

| Term 3 - B 33 - 40 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| NTR 241: Human Nutrition OR NTR 100: Introduction to Nutrition Science | 3 | C | <ul style="list-style-type: none"> • Develop your skills. • Students who are planning to apply to graduate school for medicine, physical therapy, occupational therapy, dentistry, optometry or physician's assistant or to our MS in Exercise and Wellness or Clinical Exercise Physiology should take BIO 201 in Term 3A and BIO 202 in Term 3B. If those were completed, the student should complete an elective in Term 5A instead of BIO 160. |
| Elective | 4 | | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 7 | | |

| Term 4 - A 40 - 46 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|  Literacy and Critical Inquiry (L) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 4 - B 46 - 52 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - A 52 - 58 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  CHS 340: Health Theory | 3 | C | <ul style="list-style-type: none"> • Students who are planning to apply to graduate school for medicine, physical therapy, occupational therapy, dentistry, optometry or physician's assistant or to our MS in Exercise and Wellness or Clinical Exercise Physiology should have taken BIO 201 in Term 3A and BIO 202 in Term 3B. If those were completed, the student should complete an elective in Term 5A instead of BIO 160. |
| HCD 300: Biostatistics (CS) | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 5 - B 58 - 64 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  HEP 348: Methods of Health Education | 3 | C | <ul style="list-style-type: none"> • Develop your professional online presence. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - A 64 - 70 Credit Hours | Hours | Minimum Grade | Notes |
|---------------------------------|-------|---------------|-------|
| | | | |

| | | |
|---|---|---|
| HEHP Major Electives | 3 | C |
| Humanities, Arts and Design (HU) OR Social-Behavioral Sciences (SB) | 3 | |
| Term hours subtotal: | 6 | |

- If the course chosen to fulfill an Upper Division Specialty Focus Area also meets a college competency, then the student will need an additional 3 credit elective.

| Term 6 - B 70 - 76 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| HEHP Major Electives | 3 | C | |
| Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 7 - A 76 - 82 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| HEP 452: Health Advocacy in Health Education | 3 | C | |
| HEP 444: Epidemiology | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 82 - 88 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ HEP 454: Health Promotion Program Planning and Implementation | 3 | C | |
| ★ HEP 456: Health Promotion Program Evaluation | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 88 - 94 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ HEP 466: Health Promotion Program Management and Administration | 3 | C | |
| EXW 450: Social Determinants of Health and Health Behavior ((L or SB) & C) | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 94 - 101 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| HEP 384: Preinternship for Health Education and Health Promotion | 1 | C | |
| Upper Division HEHP Major Electives | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Term hours subtotal: | 7 | | |

- Complete an in person or virtual practice interview.

| Term 9 - A 101 - 107 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ Complete 2 courses: Upper Division HEHP Major Electives | 6 | C | |
| Term hours subtotal: | 6 | | |

- Apply for full-time career opportunities
- Students must have a minimum 2.00 cumulative ASU GPA in order to enroll in the EXW 484 Internship or EXW 486 Applied Projects.

| Term 9 - B 107 - 113 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ HEP 476: Community Health | 3 | C | |
| HEP 486: Applied Projects in Health Education and Health Promotion | 3 | C | |

Term hours subtotal: 6

| Term 10 - A 113 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ HEP 486: Applied Projects in Health Education and Health Promotion | 3 | C | |
| Elective | 4 | | |
| Term hours subtotal: | | 7 | |

Hide Course List(s)/Track Group(s)

| HEHP Major Electives |
|--|
| EXW 335: Physical Activity and Physiological Concepts |
| EXW 344: Impact of Physical Activity on Health and Disease |
| EXW 400: Stress Management for Wellness |
| HEP 241: Health Education Methods for Injury Prevention and Preparedness |
| HEP 251: Preventing HIV and Substance Abuse |
| HEP 303: Human Sexuality for Health Education |
| HEP 350: Substance Abuse and Addictive Behavior |
| HEP 361: Social Media and Marketing for Health |
| HEP 371: Conflict Management and Mediation and Violence Prevention |
| HEP 380: Body Image and Wellness |
| HEP 443: Emotional Health and Interpersonal Relationships |
| HEP 448: Foundations of School Health Education |
| HEP 484: Internship |

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

- General Studies Core Requirements:
- Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - Computer/Statistics/Quantitative Applications (CS)
 - Humanities, Arts and Design (HU)
 - Social-Behavioral Sciences (SB)
 - Natural Science - Quantitative (SQ)
 - Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition



General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map




Health Sciences, BS



School/College: College of Health Solutions

Location: Downtown Phoenix campus, Polytechnic campus, West campus
 NHHSCBS

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  CHS 101: The ASU Experience for Health Solutions Students | 1 | | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Build your professional connections -- join the ASU Mentor Network |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| MAT course (MA) | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) OR Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | | |
| Complete 2 courses: | | | |
| Elective | 6 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  HSC 210: Cultural Aspects of Health (C) | 3 | C | <ul style="list-style-type: none"> • Join a student club or professional organization. • Students who enter as freshmen must complete CHS 100; students who enter with more than 45 hours may complete CHS 300 instead. |
| CHS 100: Optimizing Your Health and Performance (SB) OR CHS 300: The Science of Well-Being (SB) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 48 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  PSY 101: Introduction to Psychology (SB) | 3 | C | <ul style="list-style-type: none"> • Develop your skills. |
| Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Complete 2 courses: | | | |
| Elective | 6 | | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 48 - 63 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  Humanities, Arts and Design (HU) | 3 | | <ul style="list-style-type: none"> • Secure a part-time job or volunteer experience. |
| Complete 4 courses: | | | |
| Elective | 12 | | |
| Term hours subtotal: | 15 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ HCD 300: Biostatistics (CS) | 3 | C | <ul style="list-style-type: none"> Develop your professional online presence. |
| ★ HSC 310: Health Communication | 3 | C | |
| HCD 330: Health Care Systems in the U.S. | 3 | | |
| MED 300: Historical and Contemporary Issues in Health (L) | 3 | C | |
| MED 320: Applied Medical/Health Care Ethics (HU) | 3 | C | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ HCD 303: Global Health Care Systems (G) | 3 | C | <ul style="list-style-type: none"> Use Handshake to research employment opportunities. Students who choose to enroll in MED 484 in term 7 must have a minimum cumulative 3.00 GPA at the end of term 6. |
| Complete 2 courses: Track Focus Area Course | 6 | C | |
| Complete 2 courses: Upper Division Elective | 6 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| ★ Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| CHS 494: Undergraduate Research OR CHS 499: Individualized Instruction OR HSC 484: Internship | 3 | C | <ul style="list-style-type: none"> Gather professional references. Students who choose to enroll in MED 484 must have a minimum cumulative 3.00 GPA at the end of term 6. The internship in term 7 fills the college's translational research requirement for the 2019-20 academic year. |
| MED 450: Leadership and Professionalism | 3 | C | |
| Complete 2 courses: Upper Division Track Focus Area Course | 6 | C | |
| Upper Division Elective | 3 | | |
| ★ Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ Upper Division Track Focus Area Course | 3 | C | <ul style="list-style-type: none"> Apply for full-time career opportunities. |
| Upper Division Elective | 3 | | |
| Complete 2 courses: Elective | 6 | | |
| Term hours subtotal: | 12 | | |

- Students interested in the Mayo School of Health Sciences Echocardiography program must complete all prerequisites at ASU and a one credit medical terminology course from GateWay Community College prior to matriculation to the 21 month professional program at Mayo. Students must be accepted into the program, which has limited slots for admission. For admission criteria and application process go [here](#). If a student is accepted for the program, completion requires the student to attend ASU to meet our remaining requirements in the summer prior to the beginning of the program. Students must work closely with the ASU academic success specialist to make certain all prerequisites have been met. Upon successful completion of the Echocardiography curriculum at Mayo, the student must have the credits

transferred back to ASU for acceptance as a block. At that time, the student may apply for graduation from ASU with the BS in Health Sciences. Students who begin the Mayo track but are not accepted into the Mayo program may choose another track in order to graduate with the BS in Health Sciences.

- For those interested in working with hispanic/latino populations, the Spanish and Health track is ideal. Since the first course in the track, SPA 314 or 316, has prerequisites (SPA 313 or SPA 315), students should either have taken one of those courses or they should schedule an appointment on the Downtown campus with Dr. Barbara Lafford for placement. Plan ahead to complete your prerequisites.
- Students who plan to complete the track in Language, Speech and Communication must complete PHY 101 and BIO 160 to fill their Natural Science area of the General Studies requirements.

Hide Course List(s)/Track Group(s)

| Community-based Health Outcomes | Health Legislation and Regulation | Integrated Care |
|--|---|--|
| HCD 420: Population Health Management | HCD 201: Economics for Health Majors | CHS 340: Health Theory |
| HEP 241: Health Education Methods for Injury Prevention and Preparedness | HCD 302: Health Care Management | HEP 251: Preventing HIV and Substance Abuse |
| HEP 361: Social Media and Marketing for Health | HCD 332: Population Health Policy and Legislation | HEP 350: Substance Abuse and Addictive Behavior |
| HEP 466: Health Promotion Program Management and Administration | HCD 400: Interpreting the Scientific Literature | HEP 380: Body Image and Wellness |
| MED 417: Impact of Violence on Health | HCD 402: Health Economics | HSC 300: Complementary Health Care |
| PBH 422: Health Disparities and Access to Health | HEP 452: Health Advocacy in Health Education | HSC 355: Eating for Lifelong Health (SB) |
| | HSC 432: Legal Issues in Health Care | HSC 440: Health Coaching Concepts and Skills |
| | PAF 340: Contemporary Policy Challenges | MED 445: Prevention and Management of Chronic Disease |
| Spanish and Health | Mayo Clinic Echocardiography Track | Language Speech and Communication |
| SPA 314: Spanish Conversation and Composition (G) or SPA 316: Advanced Spanish II for Bilinguals (L & C) | PHY 101: Introduction to Physics (SQ) | SHS 205: Exploring Communication Disorders in Children and Adults AND SHS 250: Introduction to Phonetics |
| SPA 318: Advanced Spanish for Health Care Professionals | BIO 201: Human Anatomy and Physiology I (SG) | SHS 310: Anatomical and Physiological Bases of Speech |
| SPA 404: Spanish in U. S. Professional Communities ((L or HU) & C) | BIO 202: Human Anatomy and Physiology II (SG) | SHS 311: Hearing Science |
| SPA 405: Latino Cultural Perspectives for the Professions ((L or HU) & C & G) | COM 225: Public Speaking (L) | SHS 367: Language Science (SB) |
| SPA 406: Introduction to Spanish/English Medical Interpretation | | SHS 375: Speech Science |
| | | SHS 401: Principles of Audiology |
| | | SHS 465: Speech and Language Acquisition (SB) |
| | | SHS 496: Aural Rehabilitation |

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.







2020 - 2021 Major Map

Health Sciences, BS

School/College: [College of Health Solutions](#)

Location: [Online](#)

NHHSCBS

| Term 1 - A 0 - 7 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  ASU 101-UC: The ASU Experience | 1 | | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Build your professional connections -- join the ASU Mentor Network |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| Elective | 3 | | |
| Term hours subtotal: | 7 | | |
| Term 1 - B 7 - 13 Credit Hours | Hours | Minimum Grade | Notes |
| MAT course (MA) | 3 | C | <ul style="list-style-type: none"> • View ASU Online first-year student registration information here. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |
| Term 2 - A 13 - 19 Credit Hours | Hours | Minimum Grade | Notes |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) OR | | | |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 6 | | |
| Term 2 - B 19 - 25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  HSC 210: Cultural Aspects of Health (C) | 3 | C | <ul style="list-style-type: none"> • Join a student club or professional organization. • Students who enter as first-year students must complete CHS 100; students who enter with more than 45 hours may complete CHS 300 instead. |
| CHS 100: Optimizing Your Health and Performance (SB) OR CHS | | | |
| 300: The Science of Well-Being (SB) | 3 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 6 | | |
| Term 3 - A 25 - 32 Credit Hours | Hours | Minimum Grade | Notes |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| Term hours subtotal: | 7 | | |
| Term 3 - B 32 - 38 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  PSY 101: Introduction to Psychology (SB) | 3 | C | |

| | |
|--|---|
| Literacy and Critical Inquiry (L) | 3 |
| ♦ Complete Mathematics (MA) requirement. | |
| Term hours subtotal: | 6 |

| Term 4 - A 38 - 45 Credit Hours Critical course signified by ♦ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ♦ Humanities, Arts and Design (HU) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 4 - B 45 - 51 Credit Hours | Hours | Minimum Grade | Notes |
|---------------------------------|-------|---------------|---|
| Complete 2 courses: | 6 | | • Secure a part-time job or volunteer experience. |
| Elective | | | |
| Term hours subtotal: | 6 | | |

| Term 5 - A 51 - 57 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ HCD 300: Biostatistics (CS) | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - B 57 - 63 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ HSC 310: Health Communication | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - A 63 - 69 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ HCD 330: Health Care Systems in the U.S. | 3 | | • Develop your professional online presence. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 69 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ MED 320: Applied Medical/Health Care Ethics (HU) | 3 | C | |
| Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 7 - A 75 - 81 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ MED 300: Historical and Contemporary Issues in Health (L) | 3 | C | • Use Handshake to research employment opportunities. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 81 - 87 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ HCD 303: Global Health Care Systems (G) | 3 | C | |
| Elective | 3 | | |

Term hours subtotal: 6

| Term 8 - A 87 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | | |
|---------------------------|---|---|--|
| ★ Track Focus Area Course | 3 | C | |
|---------------------------|---|---|--|

| | | | |
|-------------------------|---|--|--|
| Upper Division Elective | 3 | | |
|-------------------------|---|--|--|

Term hours subtotal: 6

| Term 8 - B 93 - 99 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | | |
|---------------------------|---|---|--|
| ★ Track Focus Area Course | 3 | C | |
|---------------------------|---|---|--|

| | | | |
|-------------------------|---|--|--|
| Upper Division Elective | 3 | | |
|-------------------------|---|--|--|

Term hours subtotal: 6

| Term 9 - A 99 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | | |
|---|---|---|--|
| ★ MED 450: Leadership and Professionalism | 3 | C | |
|---|---|---|--|

| | | | |
|--|---|---|--|
| Upper Division Track Focus Area Course | 3 | C | |
|--|---|---|--|

Term hours subtotal: 6

| Term 9 - B 105 - 111 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | | |
|--|---|---|--|
| Upper Division Track Focus Area Course | 3 | C | |
|--|---|---|--|

| | | | |
|-------------------------|---|--|--|
| Upper Division Elective | 3 | | |
|-------------------------|---|--|--|

| | | | |
|------------------------------------|--|--|--|
| ★ Minimum 2.00 GPA ASU Cumulative. | | | |
|------------------------------------|--|--|--|

Term hours subtotal: 6

- Gather professional references.
- Students must have a minimum cumulative GPA of 2.00 in order to enroll in the internship.

| Term 10 - A 111 - 117 Credit Hours | Hours | Minimum Grade | Notes |
|------------------------------------|-------|---------------|-------|
|------------------------------------|-------|---------------|-------|

| | | | |
|---|---|---|--|
| CHS 494: Undergraduate Research OR CHS 499: Individualized Instruction OR HSC 484: Internship | 3 | C | |
|---|---|---|--|

| | | | |
|-------------------------|---|--|--|
| Upper Division Elective | 3 | | |
|-------------------------|---|--|--|

Term hours subtotal: 6

| Term 10 - B 117 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | | |
|--|---|---|--|
| ★ Upper Division Track Focus Area Course | 3 | C | |
|--|---|---|--|

Term hours subtotal: 3

- Students who plan to complete the track in Language, Speech and Communication must complete PHY 101 and BIO 160 to fill their Natural Science area of the General Studies requirements.

Hide Course List(s)/Track Group(s)

| Community-based Health Outcomes | Health Legislation and Regulation | Integrated Care |
|--|---|---|
| HCD 420: Population Health Management | HCD 201: Economics for Health Majors | CHS 340: Health Theory |
| HEP 241: Health Education Methods for Injury Prevention and Preparedness | HCD 302: Health Care Management | HEP 251: Preventing HIV and Substance Abuse |
| | HCD 332: Population Health Policy and Legislation | |

| | | |
|---|---|---|
| HEP 361: Social Media and Marketing for Health | HCD 400: Interpreting the Scientific Literature | HEP 350: Substance Abuse and Addictive Behavior |
| HEP 466: Health Promotion Program Management and Administration | HCD 402: Health Economics | HEP 380: Body Image and Wellness |
| MED 417: Impact of Violence on Health | HEP 452: Health Advocacy in Health Education | HSC 300: Complementary Health Care |
| PBH 422: Health Disparities and Access to Health | HSC 432: Legal Issues in Health Care | HSC 355: Eating for Lifelong Health (SB) |
| | PAF 340: Contemporary Policy Challenges | HSC 440: Health Coaching Concepts and Skills |
| | | MED 445: Prevention and Management of Chronic Disease |

Language Speech and Communication

SHS 205: Exploring Communication Disorders in Children and Adults AND SHS 250: Introduction to Phonetics

SHS 310: Anatomical and Physiological Bases of Speech

SHS 311: Hearing Science

SHS 367: Language Science (SB)

SHS 375: Speech Science

SHS 401: Principles of Audiology

SHS 465: Speech and Language Acquisition (SB)

SHS 496: Aural Rehabilitation

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition




General Studies designations listed on the major map are current for the 2020 - 2021 academic year.





2020 - 2021 Major Map





Health Sciences (Healthy Lifestyles Coaching), BS




School/College: College of Health Solutions

Location: Downtown Phoenix campus, Polytechnic campus, West campus
 NUHSCHLCBS

| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  CHM 101: Introductory Chemistry (SQ) OR CHM 113: General Chemistry I (SQ) OR CHM 114: General Chemistry for Engineers (SQ) | 4 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all freshman students • Build your professional connections -- join the ASU Mentor Network |
|  CHS 101: The ASU Experience for Health Solutions Students | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT course (MA) | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 29 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  EXW 101: Foundations of Health and Fitness Science | 3 | C | <ul style="list-style-type: none"> • Join a student club or professional organization. • Students who come in as freshmen must take CHS 100 rather than CHS 300. |
|  NTR 241: Human Nutrition | 3 | C | |
| CHS 100: Optimizing Your Health and Performance (SB) OR CHS 300: The Science of Well-Being (SB) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Elective | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 3 29 - 45 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  BIO 160: Introduction to Anatomy and Physiology (SQ) OR BIO 201: Human Anatomy and Physiology I (SG) | 4 | C | <ul style="list-style-type: none"> • Develop your skills. |
|  STP 226: Elements of Statistics (CS) OR STP 231: Statistics for Life Science (CS) OR HCD 300: Biostatistics (CS) | 3 | C | |
| EXW 215: Resistance Training and Recovery Techniques | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Elective | 3 | | |
|  Complete Mathematics (MA) requirement. Complete First-Year Composition requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 45 - 60 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  NTR 290: Introduction to Evidence-Based Research in Nutrition (L) | 3 | C | <ul style="list-style-type: none"> • Secure a part-time job or volunteer experience. |
|  PSY 101: Introduction to Psychology (SB) | 3 | C | |

| | | |
|---|----|---|
| EXW 217: Cardiorespiratory and Flexibility Training | 3 | C |
| | | |
| Complete 2 courses: | 6 | |
| Elective | | |
| | | |
| Term hours subtotal: | 15 | |

| Term 5 60 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ EXW 335: Physical Activity and Physiological Concepts | 3 | C | <ul style="list-style-type: none"> Develop your professional online presence. |
| ★ HSC 300: Complementary Health Care | 3 | C | |
| MED 320: Applied Medical/Health Care Ethics (HU) | 3 | C | |
| Upper Division Major Electives | 3 | C | |
| Global Awareness (G) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ HSC 340: Changing Health Behaviors | 3 | C | <ul style="list-style-type: none"> Use Handshake to research employment opportunities. |
| EXW 344: Impact of Physical Activity on Health and Disease | 3 | C | |
| EXW 400: Stress Management for Wellness | 3 | C | |
| EXW 450: Social Determinants of Health and Health Behavior ((L or SB) & C) | 3 | C | |
| Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ HSC 440: Health Coaching Concepts and Skills | 3 | C | <ul style="list-style-type: none"> Gather professional references. |
| EXW 425: Exercise Prescription for Health and Wellness | 3 | C | |
| HEP 350: Substance Abuse and Addictive Behavior | 3 | C | |
| HSC 355: Eating for Lifelong Health (SB) | 3 | C | |
| Upper Division Major Electives | 3 | C | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ NTR 360: Nutrition Entrepreneurship | 3 | C | <ul style="list-style-type: none"> Apply for career opportunities. |
| CHS 294: Community Health and Translational Research OR CHS 484: Internship | 3 | C | |
| Upper Division Major Electives | 3 | C | |
| Complete 2 courses: | 6 | | |
| Elective | | | |
| Term hours subtotal: | 15 | | |

Hide Course List(s)/Track Group(s)

Major Electives
 CHS 394: CHS Peer Instructional Facilitator

CHS 494: Advanced Undergraduate Teaching Assistant

EXW 302: Fundamentals of Wellness (L)

EXW 325: Fitness for Life

HCR 342: Mind-Body and Energy Therapies and Modalities

HEP 303: Human Sexuality for Health Education

HEP 361: Social Media and Marketing for Health

HEP 371: Conflict Management and Mediation and Violence Prevention

HEP 380: Body Image and Wellness

HEP 410: Obesity Perspectives and Prescriptions

HEP 443: Emotional Health and Interpersonal Relationships

HEP 466: Health Promotion Program Management and Administration

HSC 410: Supporting the Health of Older Adults

HSC 412: Health Issues in Later Life

HSC 441: Applied Health Coaching Techniques

NTR 345: Development of Healthy Cuisines

NTR 353: Perspectives on the Western Diet: Food Health and Sustainability

PBH 422: Health Disparities and Access to Health

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.

2020 - 2021 Major Map

Health Sciences (Healthy Lifestyles Coaching), BS

School/College: [College of Health Solutions](#)

Location: [Online](#)

NUHSCHLCBS

FT Fast Track Options: 3 Year

A student must speak with an advisor in order to be added to a fast track plan.

| Term 1 - A 0 - 7 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ASU 101-UC: The ASU Experience | 1 | | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or College specific equivalent First Year Seminar required of all first-year students • Build your professional connections -- join the ASU Mentor Network |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| MAT course (MA) | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 14 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| CHM 101: Introductory Chemistry (SQ) OR CHM 113: General Chemistry I (SQ) OR CHM 114: General Chemistry for Engineers (SQ) | 4 | C | <ul style="list-style-type: none"> • View ASU Online first-year student registration information here. • Students who enter with fewer than 45 hours must complete CHS 100; only students who enter ASU with more than 45 hours may take CHS 300. |
| CHS 100: Optimizing Your Health and Performance (SB) OR CHS 300: The Science of Well-Being (SB) | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 2 - A 14 - 20 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| NTR 241: Human Nutrition | 3 | C | <ul style="list-style-type: none"> • Join a student club or professional organization. |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| Term hours subtotal: | 6 | | |

| Term 2 - B 20 - 26 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| EXW 101: Foundations of Health and Fitness Science | 3 | C | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 3 - A 26 - 33 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| BIO 160: Introduction to Anatomy and Physiology (SQ) OR BIO 201: Human Anatomy and Physiology I (SG) | 4 | C | |

EXW 215: Resistance Training and Recovery Techniques 3 C

Term hours subtotal: 7

| Term 3 - B 33 - 39 Credit Hours Critical course signified by ⚠ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

STP 226: Elements of Statistics (CS) OR STP 231: Statistics for Life Science (CS) OR HCD 300: Biostatistics (CS) 3 C

• Develop your **skills**.

Humanities, Arts and Design (HU) AND Historical Awareness (H) 3

⚠ Complete First-Year Composition requirement.

⚠ Complete Mathematics (MA) requirement.

Term hours subtotal: 6

| Term 4 - A 39 - 45 Credit Hours Critical course signified by ⚠ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

⚠ PSY 101: Introduction to Psychology (SB) 3 C

EXW 217: Cardiorespiratory and Flexibility Training 3 C

Term hours subtotal: 6

| Term 4 - B 45 - 51 Credit Hours Critical course signified by ⚠ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

⚠ NTR 290: Introduction to Evidence-Based Research in Nutrition (L) 3 C

Elective 3

• Secure a **part-time job** or **volunteer experience**.

Term hours subtotal: 6

| Term 5 - A 51 - 57 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

★ EXW 335: Physical Activity and Physiological Concepts 3 C

Global Awareness (G) 3

Term hours subtotal: 6

| Term 5 - B 57 - 63 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

★ HSC 300: Complementary Health Care 3 C

★ MED 320: Applied Medical/Health Care Ethics (HU) 3 C

• Develop your **professional online presence**.

Term hours subtotal: 6

| Term 6 - A 63 - 69 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

★ HSC 340: Changing Health Behaviors 3 C

Elective 3

Term hours subtotal: 6

| Term 6 - B 69 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

★ EXW 450: Social Determinants of Health and Health Behavior ((L or SB) & C) 3 C

EXW 400: Stress Management for Wellness 3 C

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal: 6

| Term 7 - A 75 - 81 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | |
|--|---|---|
| ★ HEP 350: Substance Abuse and Addictive Behavior | 3 | C |
| EXW 344: Impact of Physical Activity on Health and Disease | 3 | C |
| Term hours subtotal: | 6 | |

| Term 7 - B 81 - 87 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ HSC 440: Health Coaching Concepts and Skills | 3 | C | • Use Handshake to research employment opportunities. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 87 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ HSC 355: Eating for Lifelong Health (SB) | 3 | C | |
| Upper Division Major Electives | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 93 - 99 Credit Hours | Hours | Minimum Grade | Notes |
|---------------------------------|-------|---------------|-----------------------------------|
| Upper Division Major Electives | 3 | C | • Gather professional references. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - A 99 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ EXW 425: Exercise Prescription for Health and Wellness | 3 | C | |
| Upper Division Major Electives | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 9 - B 105 - 111 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| CHS 294: Community Health and Translational Research OR CHS 484: Internship | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 10 - A 111 - 117 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ NTR 360: Nutrition Entrepreneurship | 3 | C | • Apply for full-time career opportunities. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 10 - B 117 - 120 Credit Hours | Hours | Minimum Grade | Notes |
|------------------------------------|-------|---------------|-------|
| Elective | 3 | | |
| Term hours subtotal: | 3 | | |

Hide Course List(s)/Track Group(s)

- Major Electives
- EXW 302: Fundamentals of Wellness (L)

EXW 325: Fitness for Life

HCR 342: Mind-Body and Energy Therapies
and Modalities

HEP 303: Human Sexuality for Health
Education

HEP 361: Social Media and Marketing for
Health

HEP 371: Conflict Management and
Mediation and Violence Prevention

HEP 380: Body Image and Wellness

HEP 443: Emotional Health and Interpersonal
Relationships

HEP 466: Health Promotion Program
Management and Administration

HEP 476: Community Health

HSC 441: Applied Health Coaching
Techniques

NTR 345: Development of Healthy Cuisines

NTR 353: Perspectives on the Western Diet:
Food Health and Sustainability

NTR 453: Nutrition and the Media

PBH 422: Health Disparities and Access to
Health

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.









2020 - 2021 Major Map

International Public Health, BIPH

School/College: [College of Health Solutions](#)

Location: [Online](#)

NHIPHBIPH

| Term 1 - A 0 - 8 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or College specific equivalent First Year Seminar required of all first-year students • Build your professional connections -- join the ASU Mentor Network |
| ASU 101-UC: The ASU Experience | 1 | | |
| BIO 100: The Living World (SQ) | 4 | C | |
| Term hours subtotal: | 8 | | |
| | | | |
| Term 1 - B 8 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
| ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • View ASU Online first-year student registration information here. |
| MAT 117: College Algebra (MA) | 3 | C | |
| Term hours subtotal: | 6 | | |
| Term 2 - A 14 - 21 Credit Hours | Hours | Minimum Grade | Notes |
| ASB 100: Introduction to Global Health (SB & G) | 3 | C | <ul style="list-style-type: none"> • Join a student club or professional organization. |
| BIO 160: Introduction to Anatomy and Physiology (SQ) | 4 | C | |
| Term hours subtotal: | 7 | | |
| Term 2 - B 21 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  HSC 210: Cultural Aspects of Health (C) | 3 | C | <ul style="list-style-type: none"> • Develop your skills. |
| CHS 201: International Indigenous Health | 3 | C | |
| POP 100: Introduction to Population Health | 3 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 9 | | |
| Term 3 - A 30 - 36 Credit Hours | Hours | Minimum Grade | Notes |
| CHS 301: Epidemiology for International Public Health | 3 | C | <ul style="list-style-type: none"> • Courses offered by University of New South Wales. |
| HCD 300: Biostatistics (CS) | 3 | C | |
| Term hours subtotal: | 6 | | |
| Term 3 - B 36 - 42 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
| CHS 303: Health Promotion | 3 | C | <ul style="list-style-type: none"> • Courses offered by University of New South Wales. |
| CHS 304: Communicable Disease | 3 | C | |

🚩 Complete First-Year Composition requirement.

🚩 Complete Mathematics (MA) requirement.

Term hours subtotal: 6

| Summer 3 42 - 48 Credit Hours Critical course signified by 🚩 | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| 🚩 CHS 306: Public Health Policy & Programs | 3 | C | • Course offered by University of New South Wales. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 4 - A 48 - 54 Credit Hours Critical course signified by 🚩 | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| 🚩 CHS 305: Principles of Prevention & Public Health Surveillance | 3 | C | • Courses offered by University of New South Wales. |
| CHS 309: Global Chronic Disease Prevention and Control OR MED 445: Prevention and Management of Chronic Disease | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 4 - B 54 - 60 Credit Hours | Hours | Minimum Grade | Notes |
|----------------------------------|-------|---------------|-------|
| Humanities, Arts and Design (HU) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - A 60 - 66 Credit Hours | Hours | Minimum Grade | Notes |
|----------------------------------|-------|---------------|-------|
| CHS 401: Ethics in Public Health | 3 | C | |
| PBH 410: Public Mental Health | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 5 - B 66 - 72 Credit Hours Necessary course signified by ⭐ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ⭐ HCD 201: Economics for Health Majors | 3 | C | • Develop your professional online presence. |
| PBH 435: Environmental and Occupational Health | 3 | C | |
| Term hours subtotal: | 6 | | |

| Summer 5 72 - 81 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| CHS 307: Health Leadership OR MED 450: Leadership and Professionalism | 3 | C | |
| CHS 308: Comparative Health Systems | 3 | C | |
| HCD 332: Population Health Policy and Legislation | 3 | C | |
| Term hours subtotal: | 9 | | |

| Term 6 - A 81 - 87 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ASB 301: Global History of Health (SB & G & H) | 3 | C | • Secure a part-time job or volunteer experience. |
| HCD 400: Interpreting the Scientific Literature | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 87 - 96 Credit Hours Necessary course signified by ⭐ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ⭐ MED 300: Historical and Contemporary Issues in Health (L) | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |

Elective 3

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal: 9

| Term 7 - A 96 - 102 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | | |
|-----------------------|---|---|--|
| ★ PBH 482: Capstone I | 1 | C | |
|-----------------------|---|---|--|

| | | | |
|---------------------------------|---|--|--|
| Complete 2 courses: Elective | 5 | | |
|---------------------------------|---|--|--|

Term hours subtotal: 6

| Term 7 - B 102 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | | |
|------------------------|---|---|--|
| ★ PBH 483: Capstone II | 3 | C | |
|------------------------|---|---|--|

| | | | |
|---------------------------------|---|---|--|
| HCD 302: Health Care Management | 3 | C | |
|---------------------------------|---|---|--|

Term hours subtotal: 6

• Use Handshake to research employment opportunities.

| Term 8 - A 108 - 114 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | | |
|-------------------------------------|---|--|--|
| ★ Literacy and Critical Inquiry (L) | 3 | | |
|-------------------------------------|---|--|--|

| | | | |
|----------|---|--|--|
| Elective | 3 | | |
|----------|---|--|--|

Term hours subtotal: 6

• Gather professional references.

| Term 8 - B 114 - 120 Credit Hours | Hours | Minimum Grade | Notes |
|-----------------------------------|-------|---------------|-------|
|-----------------------------------|-------|---------------|-------|

| | | | |
|---|---|--|--|
| Humanities, Arts and Design (HU) OR Social-Behavioral Sciences (SB) | 3 | | |
|---|---|--|--|

| | | | |
|-------------------------|---|--|--|
| Upper Division Elective | 3 | | |
|-------------------------|---|--|--|

Term hours subtotal: 6

• Apply for full-time career opportunities.

- Courses are offered by both Arizona State University and the University of New South Wales (UNSW) in Sydney, Australia. Students should work closely with their academic advisor regarding class selection and enrollment -- particularly those offered through UNSW.

[Hide Course List\(s\)/Track Group\(s\)](#)

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map






Kinesiology, BS







School/College: College of Health Solutions

Location: Downtown Phoenix campus, ASU@Lake Havasu

NUKINBS

| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  KIN 101: Introduction to Kinesiology | 3 | B- | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • If student did not test into MAT 170, then take MAT 117 as the elective in term 1. • Students who enter the major as freshmen must complete CHS 100; students who enter the major with more than 45 hours may complete CHS 300 instead. • Join a student club or professional organization. |
| BIO 181: General Biology I (SQ) | 4 | C | |
| CHS 100: Optimizing Your Health and Performance (SB) OR CHS 300: The Science of Well-Being (SB) | 3 | C | |
| CHS 101: The ASU Experience for Health Solutions Students | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 31 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  CHM 113: General Chemistry I (SQ) | 4 | C | |
|  MAT 170: Precalculus (MA) | 3 | C | |
|  PSY 101: Introduction to Psychology (SB) | 3 | C | |
| BIO 182: General Biology II (SG) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 17 | | |

| Term 3 31 - 45 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  BIO 201: Human Anatomy and Physiology I (SG) | 4 | C | <ul style="list-style-type: none"> • Secure a part-time job or volunteer experiences. |
|  CHM 116: General Chemistry II (SQ) | 4 | C | |
|  PSY 230: Introduction to Statistics (CS) OR STP 226: Elements of Statistics (CS) | 3 | C | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
|  Complete First-Year Composition requirement. | | | |
|  Minimum 3.00 GPA ASU Cumulative. Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 14 | | |

| | | Minimum | |
|--|--|---------|--|
|--|--|---------|--|

| Term 4 45 - 59 Credit Hours Critical course signified by ⚠ | Hours | Grade | Notes |
|--|-------|-------|---|
| ⚠ BIO 202: Human Anatomy and Physiology II (SG) | 4 | C | <ul style="list-style-type: none"> • Explore an internship. |
| ⚠ KIN 290: Introduction to Evidence-Based Practice (L) | 3 | C | |
| ⚠ PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ) | 4 | C | |
| Elective | 3 | | |
| ⚠ Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 14 | | |

| Term 5 59 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ KIN 345: Motor and Developmental Learning | 3 | C | <ul style="list-style-type: none"> • Develop your professional online presence. • Thinking about graduate school? Consider registering for a grad school test prep course. |
| ★ KIN 352: Psychosocial Aspects of Physical Activity (SB & C) | 3 | C | |
| PHY 112: General Physics (SQ) AND PHY 114: General Physics Laboratory (SQ) OR MIC 205: Microbiology (SG) AND MIC 206: Microbiology Laboratory (SG) OR CHM 233: General Organic Chemistry I AND CHM 237: General Organic Chemistry Laboratory I | 4 | C | |
| Complete 2 courses: | 6 | | |
| Elective | | | |
| Term hours subtotal: | 16 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ KIN 335: Biomechanics | 3 | C | <ul style="list-style-type: none"> • Gather professional references. • Students who choose KIN 484 as one of their major electives do not need to complete CHS 294 or CHS 484. They may instead take a general elective in term 6. |
| ★ KIN 340: Physiology of Exercise | 3 | C | |
| CHS 294: Community Health and Translational Research OR CHS 484: Internship | 3 | C | |
| Upper Division KIN Elective | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ KIN 334: Functional Anatomy and Kinesiology | 3 | C | |
| PSY 366: Abnormal Psychology (SB) | 3 | C | |
| KIN course (L) Upper Division | 3 | C | |
| Complete 2 courses: | 6 | C | |
| Upper Division KIN Elective | | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ Complete 3 courses: | 9 | C | |
| Upper Division KIN Elective | | | |
| Complete 2 courses: | 6 | | |
| Upper Division Elective | | | |
| Term hours subtotal: | 15 | | |

Hide Course List(s)/Track Group(s)

Upper Division KIN Elective

CHS 394: CHS Peer Instructional Facilitator

CHS 492: Honors Directed Study

CHS 493: Honors Thesis (L)

CHS 494: Advanced Undergraduate Teaching Assistant

CHS 494: Undergraduate Research

CHS 499: Individualized Instruction

CRD 494: Interprofessional Education and Community Health

KIN 348: Psychological Skills for Optimal Performance (SB)

KIN 412: Biomechanics of the Skeletal System

KIN 413: Qualitative Analysis in Sport Biomechanics

KIN 414: Electromyographic Kinesiology (L)

KIN 415: Theory of Corrective Exercise

KIN 418: Experimental Neuromechanics

KIN 421: Human Motor Control (L)

KIN 422: Motor Control in Special Populations (L)

KIN 423: Motor Control and Aging (L)

KIN 424: Neural Aspects of Movement and Rehabilitation

KIN 440: Exercise Biochemistry

KIN 441: Physiology of Women in Sport (L)

KIN 442: Fuel Metabolism

KIN 443: Exercise Endocrinology (L)

KIN 444: Metabolic Adaptations to Exercise Training

KIN 446: Pediatric Obesity

KIN 447: ECG Interpretation

KIN 450: Biopsychosocial Perspectives on Physical Activity and Health

KIN 452: Exercise Psychology (SB)

KIN 454: Motivational Theory in Exercise and Health

KIN 460: Theory of Strength Training (L)

KIN 465: Muscle Physiology

KIN 466: Cardiovascular Exercise Physiology

KIN 484: Internship

KIN 494: Advanced Exercise Physiology

KIN 494: Functional Anatomy of Low Back Pain

PRM 364: Foundations of Recreation Therapy (SB)

PRM 384: Recreational Therapy Practicum

SSP 316: Exercise and Sport Physiology Laboratory

Notes:

- Students interested in applying to Physical Therapy graduate programs should major in Kinesiology.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 3.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition




General Studies designations listed on the major map are current for the 2020 - 2021 academic year.





2020 - 2021 Major Map




Medical Studies, BS



School/College: College of Health Solutions

Location: Downtown Phoenix campus, Polytechnic campus, West campus
NHMEDBS

| Term 1 0 - 15 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  BIO 181: General Biology I (SQ) | 4 | C | <ul style="list-style-type: none"> • Select your career interest communities and play me3@ASU. • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students |
|  CHM 113: General Chemistry I (SQ) | 4 | C | |
| CHS 101: The ASU Experience for Health Solutions Students | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 170: Precalculus (MA) | 3 | C | |
| Term hours subtotal: | 15 | | |

| Term 2 15 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  BIO 182: General Biology II (SG) | 4 | C | <ul style="list-style-type: none"> • Join a student club or professional organization. • Create a first draft resume. • Student should decide on a professional track prior to registration for the next term. • Students who enter the major as freshmen must complete CHS 100; students who enter the major with more than 45 hours should complete CHS 300. |
|  CHM 116: General Chemistry II (SQ) | 4 | C | |
| CHS 100: Optimizing Your Health and Performance (SB) OR CHS 300: The Science of Well-Being (SB) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| HSC 210: Cultural Aspects of Health (C) | 3 | C | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 17 | | |

| Term 3 32 - 46 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  CHM 233: General Organic Chemistry I AND CHM 237: General Organic Chemistry Laboratory I | 4 | C | <ul style="list-style-type: none"> • Develop your skills. • The course chosen from the list in this term (SOC 101, CDE 232, ECN 211, COM 100) should be selected from the Professional Track the student is following. If the track does not specify one of the courses, ECN 211 is recommended. |
| Professional Track Courses | 4 | C | |
| SOC 101: Introductory Sociology (SB) OR CDE 232: Human Development (SB) OR ECN 211: Macroeconomic Principles (SB) OR COM 100: Introduction to Human Communication (SB) | 3 | C | |
| PSY 101: Introduction to Psychology (SB) | 3 | C | |
|  Complete Mathematics (MA) requirement. Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 14 | | |

| Term 4 46 - 60 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  CHM 234: General Organic Chemistry II AND CHM 238: General Organic Chemistry Laboratory II | 4 | C | <ul style="list-style-type: none"> • Explore an internship. |

| | | |
|------------------------------------|----|---|
| Professional Track Courses | 4 | C |
| Literacy and Critical Inquiry (L) | 3 | |
| Elective | 3 | |
| ⚠ Minimum 3.00 GPA ASU Cumulative. | | |
| Term hours subtotal: | 14 | |

| Term 5 60 - 74 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ BIO 201: Human Anatomy and Physiology I (SG) | 4 | C | <ul style="list-style-type: none"> • Create an updated resume. • Students must have a minimum ASU cumulative GPA of 3.00 or higher to apply for the MED 484 internship. |
| ★ HCD 300: Biostatistics (CS) | 3 | C | |
| Upper Division Medical Studies Breadth Elective | 3 | C | |
| MED 320: Applied Medical/Health Care Ethics (HU) | 3 | C | |
| Upper Division Elective | 1 | | |
| ★ Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 14 | | |

| Term 6 74 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ BIO 202: Human Anatomy and Physiology II (SG) | 4 | C | <ul style="list-style-type: none"> • Use Handshake to research employment opportunities. • Complete an in person or virtual practice interview. |
| HSC 310: Health Communication | 3 | C | |
| MED 484: Internship OR HSC 484: Internship | 3 | Y | |
| ★ Professional Track Courses | 3 | C | |
| Upper Division Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| ★ Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ HCD 303: Global Health Care Systems (G) | 3 | C | |
| MED 300: Historical and Contemporary Issues in Health (L) | 3 | C | |
| Complete 2 courses: | | | |
| Upper Division Medical Studies Breadth Elective | 6 | C | |
| Professional Track Course OR Elective | 3 | C | |
| ★ Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ HCD 330: Health Care Systems in the U.S. | 3 | C | |
| MED 450: Leadership and Professionalism | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Complete 2 courses: | | | |
| Upper Division Elective | 6 | | |
| ★ Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

- Students in the MD track who plan to apply to University of Arizona Medical School in Tucson must complete an upper division course in Cell Biology, Histology, Microbiology, Pathology, or Immunobiology as well as an upper division course in Molecular Biology. This means that at least one of the upper division electives should come from the courses in the Medical Breadth Electives.

Hide Course List(s)/Track Group(s)

| | | |
|---|--|--|
| Occupational Therapy Professional Track | Pharmacy Professional Track | Medicine (MD/DO) Professional Track |
| CHS 260: Health Professions Terminology | COM 225: Public Speaking (L) | BIO 340: General Genetics |
| PSY 341: Developmental Psychology (SB) | MAT 251: Calculus for Life Sciences (MA) | MIC 205: Microbiology (SG) AND MIC 206: Microbiology Laboratory (SG) |
| PSY 366: Abnormal Psychology (SB) | MIC 205: Microbiology (SG) AND MIC 206: Microbiology Laboratory (SG) | PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ) |
| SOC 400: Perspectives on Aging (SB) or SOC 410: Race Medicine and the Body (L) or SOC 418: Aging and the Life Course (SB & H) or SOC 424: Women and Health (SB) or SOC 426: Social Inequality (SB) or SOC 427: Sociology of Health and Illness (SB) | PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ) | PHY 112: General Physics (SQ) AND PHY 114: General Physics Laboratory (SQ) |
| Optometry Professional Track | Dentistry Professional Track | Physician Assistant (PA) Professional Track |
| MAT 251: Calculus for Life Sciences (MA) | PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ) | CHS 260: Health Professions Terminology |
| MIC 205: Microbiology (SG) AND MIC 206: Microbiology Laboratory (SG) | PHY 112: General Physics (SQ) AND PHY 114: General Physics Laboratory (SQ) | BIO 340: General Genetics |
| PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ) | MIC 205: Microbiology (SG) | MIC 205: Microbiology (SG) |
| PHY 112: General Physics (SQ) AND PHY 114: General Physics Laboratory (SQ) | | MIC 206: Microbiology Laboratory (SG) |
| Medical Studies Breadth Electives | | |
| BCH 361: Advanced Principles of Biochemistry AND BCH 367: Elementary Biochemistry Laboratory | | |
| BIO 353: Cell Biology | | |
| BIO 355: Introduction to Computational Molecular Biology (CS) | | |
| BIO 360: Animal Physiology | | |
| BIO 420: Immunology: Molecular and Cellular Foundations | | |
| BMI 332: Team Dynamics for Healthcare IT Projects | | |
| BMI 404: Clinical Environments | | |
| CHS 340: Health Theory | | |
| HCD 302: Health Care Management | | |

HCD 332: Population Health Policy and
Legislation

HCD 402: Health Economics

HCD 403: Process Engineering

HCD 404: Advanced Concepts in the Science
of Health Care Delivery

HCD 420: Population Health Management

HCD 484: Internship

HSC 410: Supporting the Health of Older
Adults

HSC 412: Health Issues in Later Life

MED 394: Healthcare and Humanities

MED 375: Alzheimer's and Other Dementias

MED 417: Impact of Violence on Health

MED 445: Prevention and Management of
Chronic Disease

MED 475: Palliative Care: Managing Complex
Serious Illness

MED 484: Internship

PBH 422: Health Disparities and Access to
Health

Notes:

- Students interested in applying to Physical Therapy graduate programs should major in Kinesiology.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map




Nutritional Sciences, BS




School/College: College of Health Solutions



Location: Downtown Phoenix campus

NHNUSCIBS

| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  CHM 101: Introductory Chemistry (SQ) OR CHM 113: General Chemistry I (SQ) | 4 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Students who enter the major as first-year students must complete CHS 100; students who enter the major with more than 45 hours should complete CHS 300. • Build your professional connections -- join the ASU Mentor Network |
| CHS 100: Optimizing Your Health and Performance (SB) OR CHS 300: The Science of Well-Being (SB) | 3 | C | |
| CHS 101: The ASU Experience for Health Solutions Students | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 117: College Algebra (MA) | 3 | C | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  NTR 241: Human Nutrition | 3 | C | <ul style="list-style-type: none"> • Join a student club or professional organization. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| PSY 101: Introduction to Psychology (SB) | 3 | C | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Elective | 4 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 46 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  NTR 142: Applied Food Principles | 3 | C | <ul style="list-style-type: none"> • Develop your skills. |
| BIO 201: Human Anatomy and Physiology I (SG) | 4 | C | |
| STP 226: Elements of Statistics (CS) OR STP 231: Statistics for Life Science (CS) OR HCD 300: Biostatistics (CS) | 3 | C | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Elective | 3 | | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 46 - 60 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  BIO 202: Human Anatomy and Physiology II (SG) | 4 | C | <ul style="list-style-type: none"> • Secure a part-time job or volunteer experience. |
| MIC 205: Microbiology (SG) AND MIC 206: Microbiology Laboratory (SG) | 4 | C | |

| | |
|--------------------------|----|
| Historical Awareness (H) | 3 |
| Elective | 3 |
| Term hours subtotal: | 14 |

- Use Handshake to research **employment opportunities**.

| Term 5 60 - 76 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ NTR 290: Introduction to Evidence-Based Research in Nutrition (L) | 3 | C | <ul style="list-style-type: none"> • Develop your professional online presence. |
| CHM 231: Elementary Organic Chemistry (SQ) AND CHM 235: Elementary Organic Chemistry Laboratory (SQ) | 4 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Complete 2 courses: Upper Division Elective | 6 | | |
| Term hours subtotal: | 16 | | |

| Term 6 76 - 91 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ NTR 341: Medical Nutrition Therapy I | 3 | C | <ul style="list-style-type: none"> • Thinking about graduate school? Consider registering for a grad school test prep course. • Students must select one of the two tracks listed below to complete the degree. • CHS 260 recommended for Integrative Nutrition track; NTR 390 recommended for Nutrition Research track |
| BCH 361: Advanced Principles of Biochemistry | 3 | C | |
| Track Focus Area Course | 3 | C | |
| Complete 2 courses: Upper Division Elective | 6 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 91 - 106 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ Complete 2 courses: Upper Division Track Focus Area Course | 6 | C | <ul style="list-style-type: none"> • NTR 350 and NTR 480 recommended for Integrative Nutrition track • CHS 494: Capstone and NTR 490 recommended for Nutrition Research track |
| HSC 355: Eating for Lifelong Health (SB) OR NTR 450: Nutrition in the Life Cycle (SB) | 3 | C | |
| NTR 440: Advanced Human Nutrition I | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 106 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ NTR 441: Advanced Human Nutrition II | 3 | C | <ul style="list-style-type: none"> • CHS 494: Capstone recommended for both tracks |
| Upper Division Track Focus Area Course | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective | 3 | | |
| Elective | 2 | | |
| Term hours subtotal: | 14 | | |

- Students must select one of the two tracks to complete the degree.
- The Research track requires students to six credits of CHS 494 Capstone.

Hide Course List(s)/Track Group(s)

| Integrative Nutrition | Nutrition Research |
|---|--|
| CHS 260: Health Professions Terminology | CHS 494: Capstone |
| CHS 494: Capstone | CHS 494: Capstone |
| NTR 350: Nutrition Counseling | NTR 390: Current Nutrition Research |
| NTR 480: Integrative and Functional Nutrition | NTR 490: Undergraduate Research Methods in Nutrition |

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map




Population Health, BS




School/College: College of Health Solutions

Location: Downtown Phoenix campus, West campus


NHPOPHLBS

| Term 1 0 - 15 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  BIO 181: General Biology I (SQ) | 4 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Students interested in pursuing graduate school should take a higher level math in term 1 (or later as an elective for those placing into MAT 117 in term 1). • Join a student club or professional organization. |
| CHS 101: The ASU Experience for Health Solutions Students | 1 | | |
| CHS 280: Experiential Community Health and Research OR CHS 294: Community Health and Translational Research | 1 | Y | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 117: College Algebra (MA) | 3 | C | |
| SOC 101: Introductory Sociology (SB) | 3 | C | |
| Term hours subtotal: | 15 | | |






| Term 2 15 - 29 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  BIO 182: General Biology II (SG) | 4 | C | <ul style="list-style-type: none"> • Students who enter as first-year students must complete CHS 100; students who enter with more than 45 hours may complete CHS 300. |
| CHS 100: Optimizing Your Health and Performance (SB) OR CHS 300: The Science of Well-Being (SB) | 3 | C | |
| CHS 280: Experiential Community Health and Research OR CHS 294: Community Health and Translational Research | 1 | Y | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| POP 100: Introduction to Population Health | 3 | C | |
|  Complete ENG 101 or ENG 105 or ENG 107 course(s) | 0 | | |
| Term hours subtotal: | 14 | | |

| Term 3 29 - 45 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  NTR 100: Introduction to Nutrition Science | 3 | C | <ul style="list-style-type: none"> • Secure a part-time job or volunteer experiences. • Become a student member of a professional organization. |
| ASB 100: Introduction to Global Health (SB & G) | 3 | C | |
| CHS 280: Experiential Community Health and Research OR CHS 294: Community Health and Translational Research | 1 | Y | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Complete 2 courses: Elective | 6 | | |
|  Complete Mathematics (MA) requirement | 0 | | |
| Term hours subtotal: | 16 | | |

| Term 4 45 - 61 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | | |
|--|----|---|----------------------------------|
|  HCD 201: Economics for Health Majors OR ECN 211: Macroeconomic Principles (SB) | 3 | C | • Explore an internship . |
| BMI 102: Introduction to Population Health Informatics | 3 | C | |
| CHS 280: Experiential Community Health and Research OR CHS 294: Community Health and Translational Research | 1 | Y | |
| ENG 203: Introduction to Health Humanities | 3 | C | |
| HEP 102: Principles and Foundations of Health Education and Health Promotion | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 5 61 - 77 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  CHS 340: Health Theory | 3 | C | • Gather professional references . |
| CHS 484: Translational Research OR CHS 484: Internship | 1 | Y | |
| HCD 300: Biostatistics (CS) | 3 | C | |
| HSC 310: Health Communication | 3 | C | |
| MED 320: Applied Medical/Health Care Ethics (HU) | 3 | C | |
| POP 333: Systems Thinking in Population Health | 3 | C | |
| Term hours subtotal: | 16 | | |

| Term 6 77 - 93 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  EXW 450: Social Determinants of Health and Health Behavior ((L or SB) & C) | 3 | C | • Develop your professional online presence . |
|  HCD 332: Population Health Policy and Legislation | 3 | C | |
|  HEP 444: Epidemiology | 3 | C | |
| CHS 484: Translational Research OR CHS 484: Internship | 1 | Y | |
| HCD 402: Health Economics | 3 | C | |
| PBH 422: Health Disparities and Access to Health | 3 | C | |
|  Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 7 93 - 106 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  Complete 3 courses: Track Focus Area Course | 9 | C | • Students must choose a single track from which to complete their degree. The selected track will allow students to move confidently into a career or into an MS in Population Health. |
| CHS 484: Translational Research OR CHS 484: Internship | 1 | Y | |
| MED 445: Prevention and Management of Chronic Disease | 3 | C | |
| Term hours subtotal: | 13 | | |

| Term 8 106 - 120 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  Complete 3 courses: Upper Division Track Focus Area Course | 9 | C | |
| CHS 484: Translational Research OR CHS 484: Internship | 1 | Y | |
| Elective | 4 | | |
| Term hours subtotal: | 14 | | |

- Population Health Students must choose a single track from which to complete their degree. The selected track will allow students to move confidently into a career or into an MS in Population Health.

Hide Course List(s)/Track Group(s)

| Health Care Compliance and Regulations | Policy in Population Health | Health Education Specialist |
|---|---|---|
| HCR 260: Health Care Industry and Regulation | HCD 303: Global Health Care Systems (G) | HEP 241: Health Education Methods for Injury Prevention and Preparedness or HEP 251: Preventing HIV and Substance Abuse or HEP 303: Human Sexuality for Health Education or HEP 350: Substance Abuse and Addictive Behavior or HEP 361: Social Media and Marketing for Health or HEP 371: Conflict Management and Mediation and Violence Prevention or HEP 380: Body Image and Wellness or HEP 443: Emotional Health and Interpersonal Relationships or HEP 476: Community Health |
| HCR 261: Health Care Compliance | HCD 330: Health Care Systems in the U.S. | HEP 348: Methods of Health Education |
| HCR 263: Introduction to Medical Billing and Compliance | HSC 432: Legal Issues in Health Care | HEP 452: Health Advocacy in Health Education |
| HCR 360: Data Security and Privacy in Health Care Compliance | MED 300: Historical and Contemporary Issues in Health (L) | HEP 454: Health Promotion Program Planning and Implementation |
| HCR 362: Monitoring and Auditing for Health Care Compliance | PAF 340: Contemporary Policy Challenges | HEP 456: Health Promotion Program Evaluation |
| HCR 460: Investigations and Disclosures in Health Care Compliance | POP 444: Population Health Field Experience | HEP 466: Health Promotion Program Management and Administration |
| | | |
| Management and Leadership in Population Health | Health Informatics in Population Health | |
| HCD 304: Health Care Finance | ASM 201: Epidemics and Outbreaks | |
| HCD 403: Process Engineering | BMI 311: Modeling Biomedical Knowledge | |
| HCD 420: Population Health Management | BMI 312: Modeling Biomedical Data | |
| HEP 454: Health Promotion Program Planning and Implementation | BMI 410: Database Management in Health Care | |
| HSC 432: Legal Issues in Health Care | GIS 205: Geographic Information Science I (CS) | |
| MED 450: Leadership and Professionalism | GIS 211: Geographic Information Science II (CS) | |

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.














2020 - 2021 Major Map

Public Health, BS

School/College: College of Health Solutions

Location: Downtown Phoenix campus

NHPBHBS

| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  BIO 181: General Biology I (SQ) | 4 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Join a student club or professional organization. |
|  CHS 101: The ASU Experience for Health Solutions Students | 1 | | |
|  POP 100: Introduction to Population Health | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 117: College Algebra (MA) | 3 | C | |
| Term hours subtotal: | 14 | | |
| Term 2 14 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  CHM 101: Introductory Chemistry (SQ) | 4 | C | <ul style="list-style-type: none"> • Students who enter as freshmen must complete CHS 100; students who enter with more than 45 hours should complete CHS 300 instead. |
| CHS 100: Optimizing Your Health and Performance (SB) OR CHS 300: The Science of Well-Being (SB) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Elective | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |
| Term 3 30 - 45 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  BIO 182: General Biology II (SG) | 4 | C | <ul style="list-style-type: none"> • Create a first draft resume |
|  HEP 102: Principles and Foundations of Health Education and Health Promotion | 3 | C | |
| HCD 201: Economics for Health Majors OR ECN 211: Macroeconomic Principles (SB) | 3 | C | |
| Complete 2 courses: Elective | 5 | | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 15 | | |
| Term 4 45 - 60 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  HSC 210: Cultural Aspects of Health (C) | 3 | C | <ul style="list-style-type: none"> • Secure a part-time job or volunteer experience |
| ASB 100: Introduction to Global Health (SB & G) | 3 | C | |
| PSY 101: Introduction to Psychology (SB) | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |

Elective 3
 Term hours subtotal: 15

| Term 5 60 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ HCD 300: Biostatistics (CS) | 3 | C | • Thinking about graduate school? Consider registering for a grad school test prep course |
| HCD 330: Health Care Systems in the U.S. | 3 | C | |
| HSC 310: Health Communication | 3 | C | |
| MED 320: Applied Medical/Health Care Ethics (HU) | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------------------------|
| ★ HEP 444: Epidemiology | 3 | C | • Explore an internship |
| CHS 340: Health Theory | 3 | C | |
| EXW 450: Social Determinants of Health and Health Behavior (L or SB) & C) | 3 | C | |
| HCD 332: Population Health Policy and Legislation | 3 | C | |
| Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------------------------------------|
| ★ HEP 454: Health Promotion Program Planning and Implementation | 3 | C | • Research employment opportunities |
| ★ HCD 400: Interpreting the Scientific Literature | 3 | C | |
| ★ PBH 422: Health Disparities and Access to Health | 3 | C | |
| ★ PBH 435: Environmental and Occupational Health | 3 | C | |
| ★ POP 444: Population Health Field Experience | 3 | C | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ HEP 456: Health Promotion Program Evaluation | 3 | C | • Apply for full-time career opportunities |
| HCD 302: Health Care Management | 3 | C | |
| Upper Division Elective (POP 444 recommended) | 3 | C | |
| Complete 2 courses: Elective | 6 | | |
| Term hours subtotal: | 15 | | |

Hide Course List(s)/Track Group(s)

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum

General University Requirements Legend
 General Studies Core Requirements:

Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map




Science of Health Care Delivery, BS




School/College: College of Health Solutions



Location: Downtown Phoenix campus

NHHCDBS

| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  CHS 101: The ASU Experience for Health Solutions Students | 1 | | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Select your career interest communities and play me3@ASU • Students who enter as freshmen must complete CHS 100; students who enter with more than 45 hours should complete CHS 300. |
| CHS 100: Optimizing Your Health and Performance (SB) OR CHS 300: The Science of Well-Being (SB) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students | 3 | C | |
| MAT 117: College Algebra (MA) | 3 | C | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  POP 100: Introduction to Population Health | 3 | C | <ul style="list-style-type: none"> • Join a student club or professional organization • Create a first draft resume |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students | 3 | C | |
| PHI 101: Introduction to Philosophy (HU) | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 45 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  HSC 210: Cultural Aspects of Health (C) | 3 | C | <ul style="list-style-type: none"> • Develop your skills |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Complete 3 courses: Elective | 9 | | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 15 | | |

| Term 4 45 - 60 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  PSY 101: Introduction to Psychology (SB) | 3 | C | <ul style="list-style-type: none"> • Explore an internship |
| HCD 201: Economics for Health Majors | 3 | C | |
| Complete 3 courses: Elective | 9 | | |

Term hours subtotal: 15

| Term 5 60 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ HCD 300: Biostatistics (CS) | 3 | C | <ul style="list-style-type: none"> • Update your resume |
| HSC 300: Complementary Health Care | 3 | C | |
| HSC 310: Health Communication | 3 | C | |
| MED 320: Applied Medical/Health Care Ethics (HU) | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ HCD 303: Global Health Care Systems (G) | 3 | C | <ul style="list-style-type: none"> • Use Handshake to research employment opportunities • Complete an in person or virtual practice interview |
| HCD 302: Health Care Management | 3 | C | |
| HCD 330: Health Care Systems in the U.S. | 3 | C | |
| HCD OR MED OR PBH OR HSC Upper Division Elective | 3 | C | |
| Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ HCD 332: Population Health Policy and Legislation | 3 | C | <ul style="list-style-type: none"> • Students must have a minimum 2.00 cumulative ASU GPA in order to take the HCD 484 internship in term 8. • Apply for full-time career opportunities |
| ★ HCD 402: Health Economics | 3 | C | |
| ★ HCD 420: Population Health Management | 3 | C | |
| MED 300: Historical and Contemporary Issues in Health (L) | 3 | C | |
| MED 450: Leadership and Professionalism | 3 | C | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ HCD 404: Advanced Concepts in the Science of Health Care Delivery | 3 | C | |
| HCD 403: Process Engineering | 3 | C | |
| HCD 484: Internship | 3 | C | |
| Complete 2 courses: | | | |
| Elective | 6 | | |
| Term hours subtotal: | 15 | | |

Hide Course List(s)/Track Group(s)

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map





Speech and Hearing Science, BS




School/College: College of Health Solutions



Location: Tempe campus




LASHSBS





| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  CHS 101: The ASU Experience for Health Solutions Students | 1 | | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Students who do not test into MAT 170 should take MAT 117 for the elective in term 1 • Students who enter as freshmen must complete CHS 100; students who enter with more than 45 hours should complete CHS 300. |
| CHS 100: Optimizing Your Health and Performance (SB) OR CHS 300: The Science of Well-Being (SB) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Historical Awareness (H) | 3 | | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Elective | 3 | | |
| Maintain 2.80 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  MAT 170: Precalculus (MA) | 3 | C | <ul style="list-style-type: none"> • Join a student club or professional organization. |
|  PSY 101: Introduction to Psychology (SB) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Complete 2 courses: Elective | 6 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Maintain 2.80 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 15 | | |



| Term 3 31 - 47 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  PSY 230: Introduction to Statistics (CS) OR SOC 390: Social Statistics I (CS) OR STP 226: Elements of Statistics (CS) | 3 | C | |
|  SHS 205: Exploring Communication Disorders in Children and Adults | 3 | C | |
| BIO 160: Introduction to Anatomy and Physiology (SQ) OR BIO 201: Human Anatomy and Physiology I (SG) | 4 | C | |
| Complete 2 courses: Elective | 6 | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Maintain 2.80 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 47 - 63 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  SHS 250: Introduction to Phonetics | 3 | C | <ul style="list-style-type: none"> • Create a first draft resume. • Students who are pursuing the SPLA certificate and who will complete an internship in term 8 need not complete the CHS 294 or CHS 484 in term 4. These students may take a general elective in its place. |
| PHY 101: Introduction to Physics (SQ) OR PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ) | 4 | C | |
| CHS 294: Community Health and Translational Research OR CHS 484: Internship | 3 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Maintain 2.80 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 16 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  SHS 310: Anatomical and Physiological Bases of Speech | 3 | C | <ul style="list-style-type: none"> • Use Handshake to research employment opportunities. |
|  SHS 311: Hearing Science | 3 | C | |
| ENG 301: Writing for the Professions (L) | 3 | C | |
| SHS 367: Language Science (SB) | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  SHS 375: Speech Science | 3 | C | <ul style="list-style-type: none"> • Complete an in person or virtual practice interview. |
|  SHS 401: Principles of Audiology | 3 | C | |
| SHS 465: Speech and Language Acquisition (SB) | 3 | C | |
| Complete 2 courses: | 6 | | |
| Elective | | | |
|  Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  SHS 470: Developmental Speech and Language Disorders | 3 | C | <ul style="list-style-type: none"> • Gather professional references. |
| SHS 496: Aural Rehabilitation | 3 | C | |
| Complete 2 courses: | 6 | | |
| Upper Division Elective | | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  SHS 485: Acquired Speech and Language Disorders | 3 | C | <ul style="list-style-type: none"> • Enrollment in SHS 484 is restricted to students formally admitted to the SLPA program. Department consent is provided when admitted students attend the mandatory SLPA orientation. |
| SHS 402: Clinical Methods and Treatment of Communication Disorders | 3 | C | |
| Upper Division Elective OR SHS 484: Internship | 3 | | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 12 | | |

Hide Course List(s)/Track Group(s)

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map

Speech and Hearing Science, BS



School/College: [College of Health Solutions](#)




Location: [Online](#)



LASHSBS

| Term 1 - A 0 - 7 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  ASU 101-UC: The ASU Experience | 1 | | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Students who do not test into MAT 170 should take MAT 117 for the elective in term 1 • Students who enter as freshmen must complete CHS 100; students who enter with more than 45 hours should complete CHS 300. |
| CHS 100: Optimizing Your Health and Performance (SB) OR CHS 300: The Science of Well-Being (SB) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Maintain 2.80 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 13 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| Historical Awareness (H) | 3 | | <ul style="list-style-type: none"> • View ASU Online first-year student registration information here. |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 2 - A 13 - 19 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  PSY 101: Introduction to Psychology (SB) | 3 | C | <ul style="list-style-type: none"> • Join a student club or professional organization. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Maintain 2.80 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 6 | | |

| Term 2 - B 19 - 25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  MAT 170: Precalculus (MA) | 3 | C | |
| Elective | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Maintain 2.80 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 6 | | |

| Term 3 - A 25 - 31 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  PSY 230: Introduction to Statistics (CS) OR SOC 390: Social Statistics I (CS) OR STP 226: Elements of Statistics (CS) | 3 | C | |

| | | |
|---|---|---|
| ❗ SHS 205: Exploring Communication Disorders in Children and Adults | 3 | C |
| ❗ Complete First-Year Composition requirement. | | |
| Maintain 2.80 GPA in Critical Tracking Courses. | | |
| Term hours subtotal: | 6 | |

| Term 3 - B 31 - 38 Credit Hours Critical course signified by ❗ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | |
|--|---|---|
| ❗ BIO 160: Introduction to Anatomy and Physiology (SQ) OR BIO 201: Human Anatomy and Physiology I (SG) | 4 | C |
| Elective | 3 | |
| ❗ Complete Mathematics (MA) requirement. | | |
| Maintain 2.80 GPA in Critical Tracking Courses. | | |
| Term hours subtotal: | 7 | |

| Term 4 - A 38 - 45 Credit Hours Critical course signified by ❗ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | |
|---|---|---|
| ❗ PHY 101: Introduction to Physics (SQ) OR PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ) | 4 | C |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | |
| Maintain 2.80 GPA in Critical Tracking Courses. | | |
| Term hours subtotal: | 7 | |

- Create a first draft resume.

| Term 4 - B 45 - 51 Credit Hours | Hours | Minimum Grade | Notes |
|---------------------------------|-------|---------------|-------|
|---------------------------------|-------|---------------|-------|

| | | |
|---|---|--|
| Literacy and Critical Inquiry (L) | 3 | |
| Elective | 3 | |
| Maintain 2.80 GPA in Critical Tracking Courses. | | |
| Term hours subtotal: | 6 | |

| Term 5 - A 51 - 57 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|---|---|---|
| ★ SHS 250: Introduction to Phonetics | 3 | C |
| CHS 294: Community Health and Translational Research OR CHS 484: Internship | 3 | C |
| Term hours subtotal: | 6 | |

| Term 5 - B 57 - 60 Credit Hours | Hours | Minimum Grade | Notes |
|---------------------------------|-------|---------------|-------|
|---------------------------------|-------|---------------|-------|

| | | |
|--------------------------------|---|---|
| SHS 367: Language Science (SB) | 3 | C |
| Term hours subtotal: | 3 | |

- Use Handshake to research employment opportunities

| Term 6 - A 60 - 66 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|---|---|---|
| ★ SHS 310: Anatomical and Physiological Bases of Speech | 3 | C |
| ENG 301: Writing for the Professions (L) | 3 | C |
| Term hours subtotal: | 6 | |

| Term 6 - B 66 - 72 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|----------------------------|---|---|
| ★ SHS 311: Hearing Science | 3 | C |
| Elective | 3 | |

- Complete an in person or virtual practice interview.

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal: 6

| Term 7 - A 72 - 78 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | | |
|---------------------------|---|---|--|
| ★ SHS 375: Speech Science | 3 | C | |
|---------------------------|---|---|--|

| | | | |
|-------------------------|---|--|--|
| Upper Division Elective | 3 | | |
|-------------------------|---|--|--|

Term hours subtotal: 6

| Term 7 - B 78 - 84 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | | |
|------------------------------------|---|---|--|
| ★ SHS 401: Principles of Audiology | 3 | C | |
|------------------------------------|---|---|--|

| | | | |
|-------------------------|---|--|--|
| Upper Division Elective | 3 | | |
|-------------------------|---|--|--|

Term hours subtotal: 6

| Term 8 - A 84 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | | |
|---|---|---|--|
| ★ SHS 465: Speech and Language Acquisition (SB) | 3 | C | |
|---|---|---|--|

| | | | |
|-------------------------|---|--|--|
| Upper Division Elective | 3 | | |
|-------------------------|---|--|--|

Term hours subtotal: 6

| Term 8 - B 90 - 96 Credit Hours | Hours | Minimum Grade | Notes |
|---------------------------------|-------|---------------|-------|
|---------------------------------|-------|---------------|-------|

| | | | |
|-------------------------------|---|---|--|
| SHS 496: Aural Rehabilitation | 3 | C | |
|-------------------------------|---|---|--|

| | | | |
|----------|---|--|--|
| Elective | 3 | | |
|----------|---|--|--|

Term hours subtotal: 6

| Term 9 - A 96 - 102 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | | |
|--|---|---|--|
| ★ SHS 470: Developmental Speech and Language Disorders | 3 | C | |
|--|---|---|--|

| | | | |
|----------|---|--|--|
| Elective | 3 | | |
|----------|---|--|--|

Term hours subtotal: 6

• Gather professional references.

| Term 9 - B 102 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | | |
|---|---|---|--|
| ★ SHS 485: Acquired Speech and Language Disorders | 3 | C | |
|---|---|---|--|

| | | | |
|----------|---|--|--|
| Elective | 3 | | |
|----------|---|--|--|

Term hours subtotal: 6

| Term 10 - A 108 - 114 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | | |
|--|---|---|--|
| ★ SHS 402: Clinical Methods and Treatment of Communication Disorders | 3 | C | |
|--|---|---|--|

| | | | |
|----------|---|--|--|
| Elective | 3 | | |
|----------|---|--|--|

Term hours subtotal: 6

| Term 10 - B 114 - 120 Credit Hours | Hours | Minimum Grade | Notes |
|------------------------------------|-------|---------------|-------|
|------------------------------------|-------|---------------|-------|

| | | | |
|----------|---|--|--|
| Elective | 3 | | |
|----------|---|--|--|

| | | | |
|-------------------------|---|--|--|
| Upper Division Elective | 3 | | |
|-------------------------|---|--|--|

Term hours subtotal: 6

Hide Course List(s)/Track Group(s)

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map




Sports Science and Performance Programming, BS





School/College: College of Health Solutions

Location: Downtown Phoenix campus

NHSPTSPPBS

| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  KIN 101: Introduction to Kinesiology | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Students interested in pursuing graduate school should take a higher level math in term 1 (or later as an elective for those placing into MAT 117 in term 1). • Join the Athletics Affinity Network. • Join a student club or professional organization. |
| CHM 101: Introductory Chemistry (SQ) OR CHM 113: General Chemistry I (SQ) | 4 | C | |
| CHS 101: The ASU Experience for Health Solutions Students | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 117: College Algebra (MA) OR MAT 170: Precalculus (MA) | 3 | C | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 29 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  PSY 101: Introduction to Psychology (SB) | 3 | C | <ul style="list-style-type: none"> • Students who enter the major as freshmen must complete CHS 100; students who enter the major with more than 45 hours may complete CHS 300 instead. |
| CHS 100: Optimizing Your Health and Performance (SB) OR CHS 300: The Science of Well-Being (SB) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) Cultural Diversity in the U.S. (C) | 3 | | |
|  Complete ENG 101 or ENG 105 or ENG 107 course(s) | 0 | | |
| Term hours subtotal: | 15 | | |

| Term 3 29 - 45 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  BIO 201: Human Anatomy and Physiology I (SG) | 4 | C | <ul style="list-style-type: none"> • Secure a part-time job or volunteer experience. • Become a student member of a professional organization. • Review experiential learning opportunities. |
| SSP 242: Resistance Training Foundations for Performance | 3 | C | |
| NTR 241: Human Nutrition | 3 | C | |
| STP 226: Elements of Statistics (CS) OR PSY 230: Introduction to Statistics (CS) OR STP 231: Statistics for Life Science (CS) OR HCD 300: Biostatistics (CS) | 3 | C | |
| Elective | 3 | | |
|  Complete Mathematics (MA) requirement | 0 | | |
|  Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| | Minimum |
|--|---------|
|--|---------|

| Term 4 45 - 61 Credit Hours Critical course signified by ⚠ | Hours | Grade | Notes |
|---|-------|-------|---|
| ⚠ BIO 202: Human Anatomy and Physiology II (SG) | 4 | C | <ul style="list-style-type: none"> • Explore an internship • Practical experience is highly recommended. • Attend a local clinic or conference. |
| ⚠ KIN 290: Introduction to Evidence-Based Practice (L) | 3 | C | |
| SSP 275: Experiential Seminar for Sports Science | 3 | C | |
| Complete 2 courses: Elective | 6 | | |
| ⚠ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 5 61 - 77 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| SSP 315: Exercise and Sport Physiology AND SSP 316: Exercise and Sport Physiology Laboratory | 4 | C | <ul style="list-style-type: none"> • Develop your professional online presence • Thinking about graduate school? Consider registering for a grad school test prep course. |
| KIN 348: Psychological Skills for Optimal Performance (SB) | 3 | C | |
| Upper Division Major Electives | 3 | C | |
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 6 77 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ SSP 325: Applied Anatomy and Biomechanics of Sport and Movement | 4 | C | <ul style="list-style-type: none"> • Gather professional references. |
| Upper Division Major Electives | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Complete 2 courses: Elective | 6 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ SSP 423: Performance Testing and Technology | 3 | C | |
| SSP 434: Sports Movement and Conditioning | 3 | C | |
| SSP 460: Resistance Training Application and Theory | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective | 3 | | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ SSP 484: Internship | 3 | C | <ul style="list-style-type: none"> • Register for CSCS exam. |
| Complete 2 courses: Upper Division Major Electives | 6 | C | |
| Upper Division Elective | 1 | | |
| Elective | 2 | | |
| | | | |

Term hours subtotal: 12

Hide Course List(s)/Track Group(s)

Major Electives

CHS 340: Health Theory

CHS 394: CHS Peer Instructional Facilitator

CHS 494: Advanced Undergraduate Teaching Assistant

CHS 494: Undergraduate Research

CHS 499: Individualized Instruction

EXW 442: Motivational Interviewing

KIN 415: Theory of Corrective Exercise

KIN 441: Physiology of Women in Sport (L)

NTR 457: Sports Nutrition

NTR 494: Applied Practice in Nutrition

SSP 320: Coaching Leadership Performance Team and Facility Management

SSP 461: Plyometrics and Power Training

SSP 484: Internship

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map





Applied Biological Sciences (Applied Biological Sciences), BS




School/College: College of Integrative Sciences and Arts


Location: Polytechnic campus

TSABSABS

| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  BIO 181: General Biology I (SQ) | 4 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Select your Career Interest Communities and play me3@ASU. |
| ASU 101-CLS: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| MAT 251: Calculus for Life Sciences (MA) | 3 | C | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  BIO 182: General Biology II (SG) | 4 | C | <ul style="list-style-type: none"> • Join a student club or professional organization. |
|  CHM 113: General Chemistry I (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Elective | 2 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 44 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  CHM 116: General Chemistry II (SQ) | 4 | C | <ul style="list-style-type: none"> • Students considering graduate school or health professions should complete the PHY 111/113 and PHY 112/114 sequence. All other students will complete PHY 101 and elective hours. • Secure a part-time job or volunteer experience. |
| PHY 101: Introduction to Physics (SQ) OR PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ) | 4 | C | |
| Applied Biological Sciences Track | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 14 | | |

| Term 4 44 - 60 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| CHM 231: Elementary Organic Chemistry (SQ) AND CHM 235: Elementary Organic Chemistry Laboratory (SQ) OR CHM 233: General Organic Chemistry I AND CHM 237: General Organic Chemistry Laboratory I | 4 | C | <ul style="list-style-type: none"> • Students considering graduate school or health professions should complete the following: CHM 233 and CHM 237, and CHM 234 and CHM 238 (instead of CHM 231 and CHM 235). |
| Literacy and Critical Inquiry (L) | 3 | | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |

Complete 2 courses: 6
 Elective

Term hours subtotal: 16

- Students considering graduate school or health professions should complete PHY 112 and 114 in term 4 as part of their electives.

| Term 5 60 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ ABS 370: Ecology | 3 | C | <ul style="list-style-type: none"> • Build your professional connections -- join the ASU Mentor Network. • Students considering graduate school or health professions should complete CHM 234 and CHM 238 as part of their electives in this term. |
| Applied Biological Sciences Track | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ BIO 360: Animal Physiology OR ABS 314: Applied Plant Physiology OR ABS 311: Molecular and Cellular Biology | 3 | C | <ul style="list-style-type: none"> • Use Handshake to research employment opportunities. |
| Upper Division Applied Biological Sciences Track | 3 | C | |
| Upper Division Elective | 3 | | |
| Complete 2 courses: Elective | 6 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 104 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ ABS 350: Applied Statistics (CS) OR STP 420: Introductory Applied Statistics (CS) | 3 | C | <ul style="list-style-type: none"> • Gather professional references. • Apply for full-time career opportunities. |
| ★ ABS 490: Applied Biological Sciences Seminar | 1 | C | |
| ★ BIO 340: General Genetics | 4 | C | |
| ★ Upper Division Applied Biological Sciences Track | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 14 | | |

| Term 8 104 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ Complete 2 courses: Upper Division Applied Biological Sciences Track | 6 | C | |
| Complete 3 courses: Upper Division Elective | 10 | | |
| Term hours subtotal: | 16 | | |

- Students select one of two Applied Biological Sciences Tracks and complete 18 hours from within that track.

Hide Course List(s)/Track Group(s)

Applied Biological Sciences Health Track

| | |
|--|---|
| ABS 302: Ethical and Policy Issues in Biology | Applied Biological Sciences General Biology Track |
| ABS 312: Structure and Function | |
| ABS 318: Unseen Life on Earth | ABS Elective |
| ABS 355: Ecology and Adaptations of Vertebrates | BIO Elective |
| ABS 394: Food and Human Health | BCH Elective |
| ABS 394: Medicine and Culture | MIC Elective |
| ABS 417: Comparative Immunology | |
| ABS 484: Internship | |
| ABS 494: Anatomy Practicum | |
| ABS 494: Emerging Infections & Epidemics | |
| ABS 494: Natural Products & Drug Discovery | |
| BCH 361: Advanced Principles of Biochemistry AND BCH 367: Elementary Biochemistry Laboratory | |
| BIO 201: Human Anatomy and Physiology I (SG) | |
| BIO 202: Human Anatomy and Physiology II (SG) | |
| BIO 351: Developmental Biology | |
| MIC 205: Microbiology (SG) AND MIC 206: Microbiology Laboratory (SG) | |
| SPA 294: Intermediate Spanish for Health Professionals | |

Notes:

- Students must complete a minimum of 12 credit hours of science courses offered by the College of Integrative Sciences and Arts. Select from ABS, CHM, BIO, PHY, and MIC prefixes.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)

- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map





Applied Biological Sciences (Natural Resource Ecology), BS





School/College: [College of Integrative Sciences and Arts](#)



Location: [Polytechnic campus](#)

LSABSNRBS

| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ASU 101-CLS: The ASU Experience | 1 | | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Select your Career Interest Communities and play me3@ASU. |
|  BIO 181: General Biology I (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 251: Calculus for Life Sciences (MA) | 3 | C | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 28 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  BIO 182: General Biology II (SG) | 4 | C | <ul style="list-style-type: none"> • Join a student club or professional organization. |
|  CHM 113: General Chemistry I (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 14 | | |

| Term 3 28 - 45 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  ABS 274: Introduction to Wildlife Management OR ABS 225: Soils (SQ) AND ABS 226: Soils Laboratory (SQ) | 4 | C | <ul style="list-style-type: none"> • Students in the Wildlife Track should take ABS 274. Students in the Rangelands/Watershed Track should take ABS 225/226. • Secure a part-time job or volunteer experience. |
|  CHM 116: General Chemistry II (SQ) | 4 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Complete 2 courses: Elective | 6 | | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 17 | | |

| Term 4 45 - 61 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  ABS 207: Applied Plant Taxonomy | 3 | C | <ul style="list-style-type: none"> • Students considering graduate school or health professions should complete the Organic Chemistry Sequence of both CHM 233/237 and CHM 234/238 sequence, using CHM 234/238 in place of electives. All other students will complete CHM 231/235. |
| CHM 231: Elementary Organic Chemistry (SQ) AND CHM 235: Elementary Organic Chemistry Laboratory (SQ) OR CHM 233: General Organic Chemistry I AND CHM 237: General Organic Chemistry Laboratory I | 4 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |

Complete 2 courses: 6
 Elective

Term hours subtotal: 16

| Term 5 61 - 77 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ ABS 350: Applied Statistics (CS) | 3 | C | <ul style="list-style-type: none"> • Students considering graduate school or health professions should complete the PHY 111/113 and PHY 112/114 sequence, using PHY 112/114 in place of electives. All other students will complete PHY 101. • Build your professional connections -- join the ASU Mentor Network |
| ★ ABS 370: Ecology | 3 | C | |
| ★ Upper Division Natural Resource Ecology Track | 3 | C | |
| PHY 101: Introduction to Physics (SQ) OR PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ) | 4 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 6 77 - 92 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ ABS 355: Ecology and Adaptations of Vertebrates OR ABS 430: Watershed Management | 3 | C | <ul style="list-style-type: none"> • Students in the Wildlife Track should take ABS 355. Students in the Rangelands/Watershed Track should take ABS 430. • Use Handshake to research employment opportunities. |
| ★ BIO 360: Animal Physiology OR ABS 314: Applied Plant Physiology OR ABS 311: Molecular and Cellular Biology | 3 | C | |
| Upper Division Natural Resource Ecology Track | 3 | C | |
| Natural Resource Ecology Track | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 92 - 106 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ ABS 490: Applied Biological Sciences Seminar | 1 | C | <ul style="list-style-type: none"> • Gather professional references. • Apply for full-time career opportunities. |
| ★ BIO 340: General Genetics | 4 | C | |
| ★ Upper Division Natural Resource Ecology Track | 3 | C | |
| Complete 2 courses: Upper Division Elective | 6 | | |
| Term hours subtotal: | 14 | | |

| Term 8 106 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ ABS 479: Ecosystem Management and Planning (L) | 3 | C | |
| Upper Division Elective OR ABS 484: Internship | 3 | | |
| Upper Division Elective | 4 | | |
| Elective | 4 | | |
| Term hours subtotal: | 14 | | |

- Students select one of three Natural Resource Ecology Tracks and complete 12 hours from within that track.

Hide Course List(s)/Track Group(s)

| General Track (12 Credits) | Wildlife Track (12 Credits) | Rangeland and Watershed Track (12 Credits) |
|---|--|--|
| ABS 270: Sustainable Biological Systems | ABS 270: Sustainable Biological Systems | ABS 270: Sustainable Biological Systems |
| ABS 312: Structure and Function | ABS 376: Wildlife Ecology | ABS 368: Plant Propagation |
| ABS 318: Unseen Life on Earth | ABS 378: Animal Nutrition | ABS 376: Wildlife Ecology |
| ABS 376: Wildlife Ecology | ABS 384: Natural Resources Measurements | ABS 380: Restoration and Wildlife Plants |
| ABS 378: Animal Nutrition | ABS 470: Life History of Mammals | ABS 384: Natural Resources Measurements |
| ABS 380: Restoration and Wildlife Plants | ABS 472: Applied Herpetology | ABS 434: Soil Ecology |
| ABS 384: Natural Resources Measurements | ABS 473: Applied Ornithology | ABS 440: Ecological Restoration Techniques |
| ABS 417: Comparative Immunology | ABS 475: Habitat Management for Small Wildlife | ABS 441: Ecological Restoration Practicum |
| ABS 434: Soil Ecology | ABS 476: Big Game Habitat Management | ABS 474: Riparian Ecosystem Management |
| ABS 440: Ecological Restoration Techniques | ABS 485: GIS in Natural Resources | ABS 476: Big Game Habitat Management |
| ABS 441: Ecological Restoration Practicum AND ABS 470: Life History of Mammals | ABS 486: Introduction to Remote Sensing | ABS 481: Riparian and Wetland Restoration |
| ABS 472: Applied Herpetology | ABS 494: Applied Populations and Habitat Ecology | ABS 485: GIS in Natural Resources |
| ABS 473: Applied Ornithology | ABS 494: Emerging Infections & Epidemics | ABS 486: Introduction to Remote Sensing |
| ABS 474: Riparian Ecosystem Management | | ABS 494: Applied Populations and Habitat Ecology |
| ABS 485: GIS in Natural Resources | | ABS 494: Rangeland Ecosystem Management |
| ABS 486: Introduction to Remote Sensing | | |
| ABS 489: Undergraduate Research | | |
| ABS 494: Applied Populations and Habitat Ecology | | |
| ABS 494: Emerging Infections & Epidemics | | |

Notes:

- Students must complete a minimum of 12 credit hours of science courses offered by the College of Integrative Sciences and Arts. Select from ABS, CHM, BIO, PHY, and MIC prefixes.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)

- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map





Applied Biological Sciences (Preveterinary Medicine), BS





School/College: College of Integrative Sciences and Arts




Location: Polytechnic campus

LSABSPMBS

| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  BIO 181: General Biology I (SQ) | 4 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Select your Career Interest Communities and play me3@ASU. |
| ASU 101-CLS: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| MAT 251: Calculus for Life Sciences (MA) | 3 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 31 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  BIO 182: General Biology II (SG) | 4 | C | <ul style="list-style-type: none"> • Join a student club or professional organization. |
|  CHM 113: General Chemistry I (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| Historical Awareness (H) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 17 | | |

| Term 3 31 - 48 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  CHM 116: General Chemistry II (SQ) | 4 | C | <ul style="list-style-type: none"> • Secure a part-time job or volunteer experience. |
|  PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ) | 4 | C | |
| ABS 271: Veterinary Medicine Today | 3 | C | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Elective | 3 | | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 17 | | |

| Term 4 48 - 62 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|  MIC 205: Microbiology (SG) AND MIC 206: Microbiology Laboratory (SG) | 4 | C | |
|  PHY 112: General Physics (SQ) AND PHY 114: General Physics Laboratory (SQ) | 4 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Elective | 3 | | |

📌 Complete ABS 271 course(s).

Term hours subtotal: 14

| Term 5 62 - 78 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ ABS 370: Ecology | 3 | C | <ul style="list-style-type: none"> • Build your professional connections -- join the ASU Mentor Network |
| ★ BIO 360: Animal Physiology OR ABS 314: Applied Plant Physiology OR ABS 311: Molecular and Cellular Biology | 3 | C | |
| CHM 233: General Organic Chemistry I AND CHM 237: General Organic Chemistry Laboratory I | 4 | C | |
| Upper Division Pre-Veterinary Elective | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 6 78 - 92 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ ABS 355: Ecology and Adaptations of Vertebrates | 3 | C | <ul style="list-style-type: none"> • Use Handshake to research employment opportunities. |
| ★ BIO 340: General Genetics | 4 | C | |
| CHM 234: General Organic Chemistry II AND CHM 238: General Organic Chemistry Laboratory II | 4 | C | |
| Upper Division Pre-Veterinary Elective | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 14 | | |

| Term 7 92 - 106 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ ABS 490: Applied Biological Sciences Seminar | 1 | C | <ul style="list-style-type: none"> • Gather professional references. • Apply for full-time career opportunities. |
| ★ BCH 361: Advanced Principles of Biochemistry | 3 | C | |
| ★ BCH 367: Elementary Biochemistry Laboratory | 1 | C | |
| ABS 350: Applied Statistics (CS) OR STP 420: Introductory Applied Statistics (CS) | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 14 | | |

| Term 8 106 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ ABS 378: Animal Nutrition | 3 | C | |
| Complete 2 courses: | | | |
| Upper Division Pre-Veterinary Elective | 6 | C | |
| Upper Division Elective OR ABS 484: Internship | 3 | | |
| Elective | 2 | | |
| Term hours subtotal: | 14 | | |

Hide Course List(s)/Track Group(s)

Pre-Veterinary Electives (12 Hours Required)

ABS 302: Ethical and Policy Issues in Biology

ABS 312: Structure and Function

ABS 318: Unseen Life on Earth

ABS 372: Captive Animal Behavior
Management

ABS 376: Wildlife Ecology

ABS 394: Animal Anatomy

ABS 394: Introduction to Equine Science

ABS 417: Comparative Immunology

ABS 470: Life History of Mammals

ABS 472: Applied Herpetology

ABS 473: Applied Ornithology

ABS 484: Internship

ABS 494: Anatomy Practicum

ABS 494: Emerging Infections & Epidemics

Notes:

- Students must complete a minimum of 12 credit hours of science courses offered by the College of Integrative Sciences and Arts. Select from ABS, CHM, BIO, PHY, and MIC prefixes.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map





Applied Biological Sciences (Secondary Education in Biology), BS





School/College: College of Integrative Sciences and Arts



Location: Polytechnic campus

TSABSSBS

| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  BIO 181: General Biology I (SQ) | 4 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Select your Career Interest Communities and play me3@ASU. |
| ASU 101-CLS: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| MAT 251: Calculus for Life Sciences (MA) | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) (HST 109 recommended) | 3 | | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 31 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  BIO 182: General Biology II (SG) | 4 | C | <ul style="list-style-type: none"> • Join a student club or professional organization. |
|  CHM 113: General Chemistry I (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) (SPE 222 recommended) | 3 | | |
| Elective | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 17 | | |

| Term 3 31 - 45 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  CHM 116: General Chemistry II (SQ) | 4 | C | <ul style="list-style-type: none"> • Secure a part-time job or volunteer experience. • Apply for an Identity Verified Print (IVP) DPS fingerprint card, required by state law for participation in internships in 6-12th grade schools. |
|  MIC 205: Microbiology (SG) AND MIC 206: Microbiology Laboratory (SG) | 4 | C | |
| Complete 2 courses: | | | |
| Elective | 6 | | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 14 | | |

| Term 4 45 - 61 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  PHY 101: Introduction to Physics (SQ) OR PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ) | 4 | C | <ul style="list-style-type: none"> • Students considering graduate school or health professions should complete the PHY 111/113 and PHY 112/114 sequence, using PHY 112/114 in place of electives. All other students will complete PHY 101. |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |

| | |
|---|----|
| Elective | 3 |
| Milestone: Complete online Intent to Progress form (meet with advisor). | |
| Milestone: Submit Identity Verified Print (IVP) DPS fingerprint clearance card. | |
| Term hours subtotal: | 16 |

- Meet with a Teachers College advisor early in the semester to submit an "Intent to Progress" form that indicates you will be ready to enroll in your first internship the following term. You will upload a copy of your IVP fingerprint clearance card with this form, as required by state law. Teachers College will then invite you to attend a mandatory Professional Pathways Orientation.

| Term 5 61 - 78 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ ABS 350: Applied Statistics (CS) | 3 | C | <ul style="list-style-type: none"> • Students considering graduate school or health professions should complete the Organic Chemistry Sequence of both CHM 233/237 and CHM 234/238 sequence, using CHM 234/238 in place of electives. All other students will complete CHM 231/235. • During your clinical experience internships, you will work alongside a lead teacher in a 6-12th grade classroom. Reliable transportation is required to get to school sites in terms 5-8. |
| ★ ABS 370: Ecology | 3 | C | |
| CHM 231: Elementary Organic Chemistry (SQ) AND CHM 235: Elementary Organic Chemistry Laboratory (SQ) OR CHM 233: General Organic Chemistry I AND CHM 237: General Organic Chemistry Laboratory I | 4 | C | |
| ★ TEL 311: Instruction and Management in the Inclusive Classroom | 3 | C | |
| SED 396: Clinical Experience I | 1 | | |
| Upper Division Social-Behavioral Sciences (SB) OR Upper Division Humanities, Arts and Design (HU) | 3 | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 17 | | |

| Term 6 78 - 94 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ BIO 360: Animal Physiology OR ABS 314: Applied Plant Physiology OR ABS 311: Molecular and Cellular Biology | 3 | C | <ul style="list-style-type: none"> • Use Handshake to research employment opportunities. • Meet with a Mary Lou Fulton Teachers College Advisor about Secondary Education requirements. |
| ★ BLE 407: SEI for Secondary Students (L) | 3 | C | |
| ★ SED 397: Clinical Experience II | 1 | C | |
| ★ SPE 417: Inclusion Practices at the Secondary Level | 3 | C | |
| ABS 207: Applied Plant Taxonomy OR ABS 355: Ecology and Adaptations of Vertebrates OR BCH 361: Advanced Principles of Biochemistry | 3 | | |
| BIO 480: Methods of Teaching Biology | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 7 94 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ ABS 490: Applied Biological Sciences Seminar | 1 | C | <ul style="list-style-type: none"> • Gather professional references. • Apply for full-time career opportunities. • Students seeking teacher certification must pass required educator exams. Please speak with your Teachers College advisor to plan appropriately. |
| ★ BIO 340: General Genetics | 4 | C | |
| ★ RDG 323: Literacy Processes in Content Areas | 3 | C | |
| ★ SED 322: Classroom Leadership in Secondary Schools (L) | 3 | C | |
| ★ SED 496: Clinical Experience III | 1 | C | |
| Elective | 2 | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |

Term hours subtotal: 14

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ SED 478: Student Teaching: Secondary Education (Grades 6-12) Minimum 2.50 GPA ASU Cumulative. | 12 | C | • Your student teaching residency requires a full-time commitment in a 6-12th grade classroom for the semester. |
| Term hours subtotal: | 12 | | |

Hide Course List(s)/Track Group(s)

Notes:

- Students must complete a minimum of 12 credit hours of science courses offered by the College of Integrative Sciences and Arts. Select from ABS, CHM, BIO, PHY, and MIC prefixes.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map




Applied Biological Sciences (Sustainable Horticulture), BS




School/College: College of Integrative Sciences and Arts



Location: Polytechnic campus

TSABSUBS

| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  BIO 181: General Biology I (SQ) | 4 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Select your Career Interest Communities and play me3@ASU. |
| ASU 101-CLS: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| MAT 251: Calculus for Life Sciences (MA) | 3 | C | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 28 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  BIO 182: General Biology II (SG) | 4 | C | <ul style="list-style-type: none"> • Students considering graduate school or health professions should complete the PHY 111/113 and PHY 112/114 sequence, using PHY 112/114 in place of electives. All other students will complete PHY 101. • Join a student club or professional organization. |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| PHY 101: Introduction to Physics (SQ) OR PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ) | 4 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 14 | | |

| Term 3 28 - 44 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  CHM 113: General Chemistry I (SQ) | 4 | C | <ul style="list-style-type: none"> • Secure a part-time job or volunteer experience. |
| Historical Awareness (H) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Elective | 3 | | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 44 - 58 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  ABS 260: Fundamentals of Sustainable Horticulture (SG) | 4 | C | <ul style="list-style-type: none"> • Sustainable Horticulture Elective chosen from list below. |
|  CHM 116: General Chemistry II (SQ) | 4 | C | |
| Sustainable Horticulture Elective | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 14 | | |

| Term 5 58 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ ABS 363: Sustainable Landscape Practice | 4 | C | <ul style="list-style-type: none"> • Students considering graduate school or health professions should complete the Organic Chemistry Sequence of both CHM 233/237 and CHM 234/238 sequence, using CHM 234/238 in place of electives. All other students will complete CHM 231/235. • Build your professional connections -- join the ASU Mentor Network |
| ★ ABS 370: Ecology | 3 | C | |
| CHM 231: Elementary Organic Chemistry (SQ) AND CHM 235: Elementary Organic Chemistry Laboratory (SQ) OR CHM 233: General Organic Chemistry I AND CHM 237: General Organic Chemistry Laboratory I | 4 | C | |
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 17 | | |

| Term 6 75 - 89 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ ABS 368: Plant Propagation | 3 | C | <ul style="list-style-type: none"> • Use Handshake to research employment opportunities. |
| ★ BIO 340: General Genetics | 4 | C | |
| ABS 362: Landscape Plants | 4 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 14 | | |

| Term 7 89 - 104 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ ABS 350: Applied Statistics (CS) | 3 | C | <ul style="list-style-type: none"> • Gather professional references. • Apply for full-time career opportunities. |
| ★ ABS 464: Desert Horticulture | 3 | C | |
| BIO 360: Animal Physiology OR ABS 314: Applied Plant Physiology OR ABS 311: Molecular and Cellular Biology OR BIO 353: Cell Biology | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 104 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ ABS 490: Applied Biological Sciences Seminar | 1 | C | |
| ★ Upper Division Sustainable Horticulture Elective | 3 | C | |
| Complete 2 courses: Upper Division Elective | 5 | | |
| Complete 2 courses: Elective | 7 | | |
| Term hours subtotal: | 16 | | |

Hide Course List(s)/Track Group(s)

Sustainable Horticulture Elective

ABS 225: Soils (SQ)

ABS 318: Unseen Life on Earth

ABS 364: Urban Forestry

ABS 460: Organic Gardening

ABS 462: Greenhouse/Nursery Management

ABS 484: Internship

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.





2020 - 2021 Major Map





Applied Mathematics, BS




School/College: College of Integrative Sciences and Arts

Location: Polytechnic campus

LSMATBS

| Term 1 0 - 13 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Select your Career Interest Communities and play me3@ASU. |
|  MAT 265: Calculus for Engineers I (MA) OR MAT 270: Calculus with Analytic Geometry I (MA) | 3-4 | C | |
| ASU 101-CLS: The ASU Experience | 1 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 13-14 | | |

| Term 2 13 - 29 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • Students will choose one of the following science course sequences to complete: BIO 181 and BIO 182 OR CHM 113 and CHM 116 OR CHM 114 and CHM 116 OR CHM 117 and CHM 118 OR PHY 121/122 and PHY 131/132. • Join a student club or professional organization. |
|  MAT 266: Calculus for Engineers II (MA) OR MAT 271: Calculus with Analytic Geometry II (MA) | 3-4 | C | |
| BIO 181: General Biology I (SQ) OR CHM 113: General Chemistry I (SQ) OR CHM 114: General Chemistry for Engineers (SQ) OR CHM 117: General Chemistry for Majors I (SQ) OR PHY 121: University Physics I: Mechanics (SQ) AND PHY 122: University Physics Laboratory I (SQ) | 4 | C | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16-17 | | |

| Term 3 29 - 45 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  BIO 182: General Biology II (SG) OR CHM 116: General Chemistry II (SQ) OR CHM 118: General Chemistry for Majors II (SQ) OR PHY 131: University Physics II: Electricity and Magnetism (SQ) AND PHY 132: University Physics Laboratory II (SQ) | 4 | C | <ul style="list-style-type: none"> • Students will choose one of the following science course sequences to complete: BIO 181 and BIO 182 OR CHM 113 and CHM 116 OR CHM 114 and CHM 116 OR CHM 117 and CHM 118 OR PHY 121/122 and PHY 131/132. • Secure a part-time job or volunteer experience. |
|  MAT 267: Calculus for Engineers III (MA) OR MAT 272: Calculus with Analytic Geometry III (MA) | 3-4 | C | |
| Global Awareness (G) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Elective | 3 | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16-17 | | |

| | | Minimum | |
|--|--|---------|--|
|--|--|---------|--|

| Term 4 45 - 60 Credit Hours Critical course signified by ⚠ | Hours | Grade | Notes |
|---|-------|-------|-------|
| ⚠ MAT 243: Discrete Mathematical Structures | 3 | C | |
| ⚠ MAT 275: Modern Differential Equations (MA) | 3 | C | |
| Historical Awareness (H) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ MAT 343: Applied Linear Algebra | 3 | C | <ul style="list-style-type: none"> • Build your professional connections -- join the ASU Mentor Network • Upper Division STEM Electives should be selected in consultation with a College of Integrative Sciences and Arts academic advisor. |
| ★ STP 420: Introductory Applied Statistics (CS) | 3 | C | |
| Upper Division STEM Elective | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ <i>Complete 2 courses:</i> Upper Division Applied Mathematics Elective | 6 | C | <ul style="list-style-type: none"> • Use Handshake to research employment opportunities. • Upper Division STEM Electives should be selected in consultation with a College of Integrative Sciences and Arts academic advisor. |
| Upper Division STEM Elective | 3 | C | |
| ★ <i>Complete 2 courses:</i> Elective | 6 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| MAT 495: Undergraduate Research OR MAT 4** Elective OR STP 4** Elective | 3 | C | <ul style="list-style-type: none"> • Upper Division STEM Electives should be selected in consultation with a College of Integrative Sciences and Arts academic advisor. • Gather professional references. • Apply for full-time career opportunities. |
| ★ Upper Division Applied Mathematics Elective | 3 | C | |
| Upper Division STEM Elective | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective OR MAT 484: Internship | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ Upper Division Applied Mathematics Elective | 3 | C | |
| ★ <i>Complete 2 courses:</i> Upper Division Elective | 6 | | |
| ★ <i>Complete 2 courses:</i> Elective | 6 | | |
| Term hours subtotal: | 15 | | |

- Upper Division STEM Electives should be selected in consultation with a College of Integrative Sciences and Arts advisor.
- Students must complete a minimum of 12 credit hours of MAT courses offered by the College of Integrative Sciences and Arts. Six of these 12 credits must be upper division.

Hide Course List(s)/Track Group(s)

| Upper Division Applied Mathematics Electives | Upper Division STEM Electives |
|---|-------------------------------|
| | ABS Upper Division Elective |
| MAT 300: Mathematical Structures (L) | BIO Upper Division Elective |
| MAT 310: Introduction to Geometry | CHM Upper Division Elective |
| MAT 350: Techniques and Applications of Applied Mathematics | CSE Upper Division Elective |
| MAT 394: Special Topics | EGR Upper Division Elective |
| MAT 450: Mathematical Models in Biology | ERM Upper Division Elective |
| MAT 452: Introduction to Chaos and Nonlinear Dynamics | GIT Upper Division Elective |
| MAT 462: Applied Partial Differential Equations | IFT Upper Division Elective |
| MAT 494: Special Topics | PHY Upper Division Elective |
| MAT 499: Individualized Instruction | SER Upper Division Elective |
| | STP Upper Division Elective |
| STP 421: Probability | |

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map





Applied Physics, BS




School/College: College of Integrative Sciences and Arts




Location: Polytechnic campus

LSAPHYBS

| Term 1 0 - 13 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  MAT 265: Calculus for Engineers I (MA) | 3 | C | <ul style="list-style-type: none"> An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. Mathematics Placement Assessment score determines placement in mathematics course. ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. Select your career interest communities and play me3@ASU. |
| ASU 101-CLS: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 13 | | |

| Term 2 13 - 28 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  MAT 266: Calculus for Engineers II (MA) | 3 | C | <ul style="list-style-type: none"> Join a student club or professional organization. |
|  PHY 121: University Physics I: Mechanics (SQ) AND PHY 122: University Physics Laboratory I (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Elective | 2 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 3 28 - 44 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  MAT 267: Calculus for Engineers III (MA) | 3 | C | <ul style="list-style-type: none"> Secure a part-time job or volunteer experience. |
|  PHY 131: University Physics II: Electricity and Magnetism (SQ) AND PHY 132: University Physics Laboratory II (SQ) | 4 | C | |
| Global Awareness (G) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 3 | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 44 - 60 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  PHY 201: Mathematical Methods in Physics I (CS) | 3 | C | |
|  PHY 252: Physics III (SQ) | 4 | C | |
| Historical Awareness (H) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Elective | 3 | | |

Term hours subtotal: 16

| Term 5 60 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ PHY 302: Mathematical Methods in Physics II | 3 | C | <ul style="list-style-type: none"> Build your professional connections -- join the ASU Mentor Network |
| ★ PHY 314: Quantum Physics I | 3 | C | |
| Upper Division Applied Physics Electives | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ PHY 315: Quantum Physics II | 3 | C | <ul style="list-style-type: none"> Use Handshake to research employment opportunities. |
| Upper Division Applied Physics Electives | 3 | C | |
| Complete 3 courses: Elective | 9 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ PHY 331: Principles of Modern Electromagnetism | 3 | C | <ul style="list-style-type: none"> Gather professional references. Apply for full-time career opportunities. |
| ★ PHY 416: Quantum Physics III | 3 | C | |
| PHY 361: Introductory Modern Physics | 3 | C | |
| Upper Division Applied Physics Electives | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ PHY 444: Fundamentals of Nanoscience | 3 | C | |
| PHY 499: Individualized Instruction | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective OR PHY 484: Internship | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

Hide Course List(s)/Track Group(s)

Applied Physics Electives (Complete 9 Credit Hours)

MAT 343: Applied Linear Algebra

PHY 321: Vector Mechanics and Vibration

PHY 333: Electronic Circuits and Measurements

PHY 456: Laser Optics

PHY 460: Numerical Methods in Modern
Physics

PHY 495: Project Research

STP 420: Introductory Applied Statistics (CS)

Notes:

- Students must complete a minimum of 12 credit hours of PHY courses offered by the College of Integrative Sciences and Arts. At least six of these 12 credits must be upper-division.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map




Applied Quantitative Science, BS



School/College: [College of Integrative Sciences and Arts](#)




Location: [Downtown Phoenix campus](#), [Polytechnic campus](#), [Tempe campus](#), [West campus](#)

LSAQSBS

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  Mathematics (MA) | 3 | | <ul style="list-style-type: none"> • SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement into mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Select your career interest communities and play me3@ASU |
| ASU 101-CLS: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Complete 2 courses: | | | |
| Elective | 6 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  Computer/Statistics/Quantitative Applications (CS) | 3 | | <ul style="list-style-type: none"> • Join a student club or professional organization. |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 47 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  Statistics | 3 | C | <ul style="list-style-type: none"> • Secure a part-time job or volunteer experience. • Statistics Requirement Course List Options. |
| Global Awareness (G) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 3 | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 15 | | |

| Term 4 47 - 63 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  Technical/Professional Communication | 3 | C | <ul style="list-style-type: none"> • Major Requirement Course List Options. |
|  Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Historical Awareness (H) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Elective | 3 | | |

Term hours subtotal: 16

| Term 5 63 - 78 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ Upper Division Statistics | 3 | C | <ul style="list-style-type: none"> • Build your professional connections -- join the ASU Mentor Network • Major Requirement Course List Options. |
| Complete 2 courses: | 6 | C | |
| Upper Division Major Electives | | | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Social-Behavioral Sciences (SB) OR Upper Division Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ Computer Skills | 3 | C | <ul style="list-style-type: none"> • Use Handshake to research employment opportunities. • Major Requirement Course List Options |
| Complete 2 courses: | 6 | C | |
| Upper Division Major Electives | | | |
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ Upper Division Major Electives | 3 | C | <ul style="list-style-type: none"> • Gather professional references. • Apply for full-time career opportunities. • Major Requirement Course List Options. |
| ★ Research and Analysis | 3 | C | |
| Complete 2 courses: | 6 | | |
| Upper Division Elective | | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ Upper Division Capstone/Project | 3 | C | <ul style="list-style-type: none"> • Major Requirement Course List Options. |
| Upper Division Major Electives | 3 | C | |
| Complete 2 courses: | 6 | | |
| Upper Division Elective | | | |
| Term hours subtotal: | 12 | | |

- This degree is only available as a concurrent degree at the Downtown Phoenix, Polytechnic, Tempe and West campuses.
- Major Requirement Course list options can be found on the College of Integrative Sciences and Arts website: cisa.asu.edu/applied-quantitative-sciences-degree-courses-list

Hide Course List(s)/Track Group(s)

Total Hours: 120

General University Requirements Legend

Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.

2020 - 2021 Major Map

Applied Science (Applied Leadership), **BAS**

School/College: [College of Integrative Sciences and Arts](#)

Location: [Polytechnic campus](#), [ASU@Cochise](#), [ASU@Pima](#), [ASU@Pinal](#), [ASU@The Gila Valley](#), [ASU@Yavapai](#)

LSALSBAS

| Applicable Community College Prerequisites 0 - 60 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

AAS Degree Transfer Block

60

Term hours subtotal:

60

- Students may meet lower division general studies requirements with the AAS degree.
- Students must complete all ASU general studies requirements in order to earn ASU BAS degree.
- Students should work with their academic advisor to run DARS graduation audit to determine needed general studies requirements.

| Term 5 60 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

★ OGL 300: Theory and Practice of Leadership

3

C

★ OGL 345: Organizational Ethics (HU)

3

C

OGL 340: Special Topics

3

C

OGL 340: Special Topics

3

C

Any needed lower division General Studies requirement OR Elective

3

Term hours subtotal:

15

- Complete two courses of OGL 340 in this term.
- Build your professional connections -- join the [ASU Mentor Network](#)

| Term 6 75 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

★ OGL 320: Foundations of Project Management

3

C

★ OGL 350: Diversity and Organizations (L & C)

3

C

OGL 340: Special Topics

3

C

OGL 343: Social Processes in Organizations (SB) OR OGL 357: Assessment in Organizations

3

C

Any needed lower division General Studies requirement OR Elective

3

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal:

15

- Use Handshake to research [employment opportunities](#).

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

★ OGL 355: Leading Organizational Innovation and Change

3

C

OGL 340: Special Topics

3

C

OGL 340: Special Topics

3

C

OGL 365: Organizational Contexts (SB) OR OGL 321: Project Leadership, Strategy and Scope

3

C

Any needed lower division General Studies requirement OR Elective

3

Term hours subtotal:

15

- Complete two courses of OGL 340 in this term.
- Gather [professional references](#).
- Apply for [full-time career opportunities](#).

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ OGL 481: Organizational Leadership Pro-Seminar I | 3 | C | |
| ★ OGL 482: Organizational Leadership Pro-Seminar II (L) | 3 | C | |
| OGL 340: Special Topics | 3 | C | |
| Complete 2 courses: | | | |
| Any needed lower division General Studies requirement OR Elective | 6 | | |
| Term hours subtotal: | 15 | | |

Hide Course List(s)/Track Group(s)

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.

2020 - 2021 Major Map

Applied Science (Applied Leadership), **BAS**

School/College: [College of Integrative Sciences and Arts](#)

Location: [Online](#)

LSALSBAS

| Applicable Community College Prerequisites 0 - 60 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| AAS Degree Transfer Block | 60 | | <ul style="list-style-type: none"> • Students may meet lower division general studies requirements with the AAS degree. • Students must complete all ASU general studies requirements in order to earn ASU BAS degree. • Students should work with their academic advisor to run DARS graduation audit to determine needed general studies requirements. |
| Term hours subtotal: | 60 | | |
| Term 5 - A 60 - 69 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
| ★ OGL 300: Theory and Practice of Leadership | 3 | C | |
| OGL 340: Special Topics | 3 | C | |
| Any needed lower division General Studies requirement OR Elective | 3 | | |
| Term hours subtotal: | 9 | | |
| Term 5 - B 69 - 78 Credit Hours | Hours | Minimum Grade | Notes |
| OGL 340: Special Topics | 3 | C | <ul style="list-style-type: none"> • Build your professional connections -- join the ASU Mentor Network |
| OGL 343: Social Processes in Organizations (SB) OR OGL 357: Assessment in Organizations | 3 | C | |
| Any needed lower division General Studies requirement OR Elective | 3 | | |
| Term hours subtotal: | 9 | | |
| Term 6 - A 78 - 84 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
| ★ OGL 350: Diversity and Organizations (L & C) | 3 | C | |
| OGL 340: Special Topics | 3 | C | |
| Term hours subtotal: | 6 | | |
| Term 6 - B 84 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
| ★ OGL 355: Leading Organizational Innovation and Change | 3 | C | <ul style="list-style-type: none"> • Use Handshake to research employment opportunities. |
| Any needed lower division General Studies requirement OR Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 6 | | |
| Term 7 - A 90 - 99 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
| ★ OGL 345: Organizational Ethics (HU) | 3 | C | |
| OGL 340: Special Topics | 3 | C | |

| | |
|---|---|
| Any needed lower division General Studies requirement OR Elective | 3 |
| Term hours subtotal: | 9 |

| Term 7 - B 99 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ OGL 320: Foundations of Project Management | 3 | C | <ul style="list-style-type: none"> • Gather professional references. • Apply for full-time career opportunities. |
| OGL 340: Special Topics | 3 | C | |
| Any needed lower division General Studies requirement OR Elective | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 8 - A 108 - 114 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ OGL 481: Organizational Leadership Pro-Seminar I | 3 | C | |
| OGL 365: Organizational Contexts (SB) OR OGL 321: Project Leadership, Strategy and Scope | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 114 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ OGL 482: Organizational Leadership Pro-Seminar II (L) | 3 | C | |
| OGL 340: Special Topics | 3 | C | |
| Term hours subtotal: | 6 | | |

Hide Course List(s)/Track Group(s)

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.

2020 - 2021 Major Map

Applied Science (Project Management), BAS

School/College: College of Integrative Sciences and Arts

Location: Polytechnic campus, Tempe campus

LSAPSPMBAS

| Applicable Community College Prerequisites 0 - 60 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

AAS Degree Transfer Block

60

Term hours subtotal:

60

- Students may meet lower-division general studies requirements with the AAS degree.
- Students must complete all ASU general studies requirements in order to earn ASU BAS degree.
- Students should work with their academic advisor to run DARS graduation audit to determine needed general studies requirements.

| Term 5 60 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

★ OGL 300: Theory and Practice of Leadership

3

C

★ OGL 345: Organizational Ethics (HU)

3

C

OGL 320: Foundations of Project Management

3

C

OGL 340: Special Topics

3

C

Any needed lower-division General Studies requirement OR Elective

3

Term hours subtotal:

15

- Build your professional connections -- join the [ASU Mentor Network](#).

| Term 6 75 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

★ OGL 350: Diversity and Organizations (L & C)

3

C

OGL 321: Project Leadership, Strategy and Scope

3

C

OGL 322: Project Time Management

3

C

OGL 323: Project Cost Management

3

C

OGL 324: Resources in Project Management

3

C

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal:

15

- Use Handshake to research [employment opportunities](#).

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

★ OGL 340: Special Topics

3

C

OGL 326: Project Procurement Management

3

C

OGL 421: Project Risk Management

3

C

OGL 422: Project Quality Management

3

C

Any needed lower-division General Studies requirement OR Elective

3

Term hours subtotal:

15

- Gather [professional references](#).
- Apply for [full-time career opportunities](#).

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|---|----|---|
| ★ OGL 481: Organizational Leadership Pro-Seminar I | 3 | C |
| OGL 340: Special Topics | 3 | C |
| Complete 3 courses: | 9 | |
| Any needed lower-division General Studies requirement OR Elective | | |
| Term hours subtotal: | 15 | |

Hide Course List(s)/Track Group(s)

Notes:

- Students should consult with their academic advisor to ensure that all ASU General Studies requirements will be completed for graduation.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.

2020 - 2021 Major Map

Applied Science (Project Management), **BAS**

School/College: [College of Integrative Sciences and Arts](#)

Location: [Online](#)

LSAPSPMBAS

| Applicable Community College Prerequisites 0 - 60 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| AAS Degree Transfer Block | 60 | | |
| Term hours subtotal: | 60 | | <ul style="list-style-type: none"> • Students may meet lower division general studies requirements with the AAS degree. • Students must complete all ASU general studies requirements in order to earn ASU BAS degree. • Students should work with their academic advisor to run DARS graduation audit to determine needed general studies requirements. |
| Term 5 - A 60 - 66 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
| ★ OGL 300: Theory and Practice of Leadership | 3 | C | |
| OGL 320: Foundations of Project Management | 3 | C | |
| Term hours subtotal: | 6 | | |
| Term 5 - B 66 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
| ★ OGL 345: Organizational Ethics (HU) | 3 | C | |
| OGL 340: Special Topics | 3 | C | |
| Any needed lower division General Studies requirement OR Elective | 3 | | |
| Term hours subtotal: | 9 | | <ul style="list-style-type: none"> • Build your professional connections -- join the ASU Mentor Network |
| Term 6 - A 75 - 81 Credit Hours | Hours | Minimum Grade | Notes |
| OGL 321: Project Leadership, Strategy and Scope | 3 | C | |
| OGL 322: Project Time Management | 3 | C | |
| Term hours subtotal: | 6 | | |
| Term 6 - B 81 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
| ★ OGL 350: Diversity and Organizations (L & C) | 3 | C | |
| OGL 323: Project Cost Management | 3 | C | |
| OGL 324: Resources in Project Management | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 9 | | <ul style="list-style-type: none"> • Use Handshake to research employment opportunities. |
| Term 7 - A 90 - 96 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
| ★ OGL 340: Special Topics | 3 | C | |
| OGL 326: Project Procurement Management | 3 | C | |

Term hours subtotal: 6

| Term 7 - B 96 - 105 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| OGL 421: Project Risk Management | 3 | C | <ul style="list-style-type: none"> • Gather professional references. • Apply for full-time career opportunities. |
| OGL 422: Project Quality Management | 3 | C | |
| Any needed lower division General Studies requirement OR Elective | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 8 - A 105 - 111 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ OGL 481: Organizational Leadership Pro-Seminar I | 3 | C | |
| Any needed lower division General Studies requirement OR Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 111 - 120 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| OGL 340: Special Topics | 3 | C | |
| Complete 2 courses: | | | |
| Any needed lower division General Studies requirement OR Elective | 6 | | |
| Term hours subtotal: | 9 | | |

Hide Course List(s)/Track Group(s)

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.

2020 - 2021 Major Map

Applied Science (Technical Communication), BAS

School/College: [College of Integrative Sciences and Arts](#)

Location: [Polytechnic campus](#)

LSTECBAS

| Applicable Community College Prerequisites 0 - 60 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

AAS Degree Transfer Block

60

Term hours subtotal:

60

- Students may meet lower division general studies requirements with the AAS degree.
- Students must complete all ASU general studies requirements in order to earn ASU BAS degree.
- Students should work with their academic advisor to run DARS graduation audit to determine needed general studies requirements.

| Term 5 60 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

★ TWC 301: Fundamentals of Writing for Digital Media (L)

3

C

★ TWC 347: Written Communication for Managers (L)

3

C

★ TWC 401: Fundamentals of Technical Communication (L)

3

C

MAT 142: College Mathematics (MA)

3

Any needed lower division General Studies requirement OR Elective

3

Term hours subtotal:

15

- Build your professional connections -- join the [ASU Mentor Network](#)

| Term 6 75 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

★ TWC 421: Principles of Web Authoring (L)

3

C

★ TWC 431: Principles of Technical Editing

3

C

STP 420: Introductory Applied Statistics (CS)

3

C

Upper Division Elective

3

C

Any needed lower division General Studies requirement OR Elective

3

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal:

15

- Use Handshake to research [employment opportunities](#).

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

★ TWC 411: Principles of Visual Communication (L)

3

C

TWC 443: Grant & Proposal Writing OR TWC 444: User Experience
OR TWC 445: Content Strategy OR TWC 446: Technical and
Scientific Reports (L)

3

C

Complete 2 courses:

TWC Upper Division Elective

6

C

Any needed lower division General Studies requirement OR Elective

3

Term hours subtotal:

15

- Gather [professional references](#).
- Apply for [full-time career opportunities](#).

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ TWC 490: Capstone | 3 | C | |
| TWC 451: Copyright and Intellectual Property in the Electronic Age OR TWC 452: Information in the Digital Age OR TWC 453: Information and Communications Technology in American History (L & H) OR TWC 454: Information Technology and Culture (C) | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Elective | 3 | C | |
| Any needed lower division General Studies requirement OR Elective | 3 | | |
| Term hours subtotal: | 15 | | |

Hide Course List(s)/Track Group(s)

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.










2020 - 2021 Major Map

Communication, BA

School/College: College of Integrative Sciences and Arts

Location: Downtown Phoenix campus, Polytechnic campus

LSCOMBA

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  COM 100: Introduction to Human Communication (SB) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Select your career interest communities and play me3@ASU. |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
|  ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| ASU 101-CLS: The ASU Experience | 1 | | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Elective | 3 | | |
| Maintain 2.00 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 16 | | |
| Term 2 16 - 31 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  COM 207: Introduction to Communication Inquiry | 3 | C | <ul style="list-style-type: none"> • Join a student club or professional organization. |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
|  ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| Mathematics (MA) (MAT 142 recommended) | 3 | | |
| Language and Cultures: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV; * OR Completion of COM 263 AND COM 371. | 3 | C | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Maintain 2.00 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 15 | | |
| Term 3 31 - 47 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
| COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions | 3 | C | <ul style="list-style-type: none"> • Secure a part-time job or volunteer experience. |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
|  Complete Mathematics (MA) requirement. | | | |
| Maintain 2.00 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 16 | | |
| Term 4 47 - 61 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |

| | | |
|---|----|---|
| 📌 COM 225: Public Speaking (L) | 3 | C |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | |
| Complete 2 courses: | 7 | |
| Elective | | |
| Maintain 2.00 GPA in Critical Tracking Courses. | | |
| Term hours subtotal: | 14 | |

| Term 5 61 - 76 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ COM 308: Advanced Research Methods in Communication (L) | 3 | C | <ul style="list-style-type: none"> Build your professional connections -- join the ASU Mentor Network |
| COM 420: Rhetoric and Community Advocacy OR COM 428: Graphic Novels and Popular Culture (HU) OR COM 464: Communicative Sexualities (SB) OR COM 467: Digital Rhetoric | 3 | C | |
| COM Upper Division Elective | 3 | C | |
| Language and Cultures: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV; * OR Completion of COM 263 AND COM 371. | 3 | C | |
| Upper Division Social-Behavioral Sciences (SB) OR Upper Division Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 76 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ Upper Division Communication Track | 3 | C | <ul style="list-style-type: none"> Students select one of three Communication Tracks and complete 12 hours from within that track. Six of the 12 credit hours must be COM prefix courses. Use Handshake to research employment opportunities. |
| COM 420: Rhetoric and Community Advocacy OR COM 428: Graphic Novels and Popular Culture (HU) OR COM 464: Communicative Sexualities (SB) OR COM 467: Digital Rhetoric | 3 | C | |
| Global Awareness (G) | 3 | | |
| Upper Division Elective | 3 | | |
| Elective | 2 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 14 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ Upper Division Communication Track | 3 | C | <ul style="list-style-type: none"> Gather professional references. Apply for full-time career opportunities. |
| COM Upper Division Elective | 3 | C | |
| Historical Awareness (H) | 3 | | |
| Complete 2 courses: | 6 | | |
| Upper Division Elective | | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ Complete 2 courses: | 6 | C | |
| Upper Division Communication Track | | | |
| COM Upper Division Elective | 3 | C | |
| Upper Division Elective | 3 | | |
| Elective | 3 | | |

Term hours subtotal: 15

- Students select one of three Communication Tracks and complete 12 hours from within that track. Six of the 12 credit hours must be COM prefix courses.

Hide Course List(s)/Track Group(s)

| Communication and Culture Track | Law and Community Advocacy Track | Communication Technology and Society Track |
|---|--|--|
| COM 316: Gender and Communication (SB & C) | COM 312: Communication Conflict and Negotiation | COM 319: Persuasion and Social Influence (SB) |
| COM 323: Communication Approaches to Popular Culture (C) | COM 316: Gender and Communication (SB & C) | COM 320: Communication and Consumerism (SB) |
| COM 363: Latinxs and the Media | COM 319: Persuasion and Social Influence (SB) | COM 323: Communication Approaches to Popular Culture (C) |
| COM 364: Cultural Communicology (SB) | COM 320: Communication and Consumerism (SB) | COM 394: Communication in the Electronic Age |
| COM 371: Language Culture and Communication (SB & C & G) | COM 321: Rhetorical Theory and Research ((L or HU) & H) | COM 420: Rhetoric and Community Advocacy |
| COM 420: Rhetoric and Community Advocacy | COM 323: Communication Approaches to Popular Culture (C) | COM 421: Rhetoric of Social Issues (HU) |
| COM 428: Graphic Novels and Popular Culture (HU) | COM 326: Court Room Oratory | COM 422: Advanced Argumentation (L) |
| COM 463: Intercultural Communication in a Global Context (SB & G) | COM 341: Social Contexts for Performance | COM 428: Graphic Novels and Popular Culture (HU) |
| COM 464: Communicative Sexualities (SB) | COM 420: Rhetoric and Community Advocacy | COM 467: Digital Rhetoric |
| COM 484: Internship | COM 421: Rhetoric of Social Issues (HU) | COM 484: Internship |
| ENG 317: Cross-Cultural Writing ((L or HU) & G) | COM 422: Advanced Argumentation (L) | MCO 418: History of Mass Communication (SB & H) |
| HST 314: American Cultural History Since 1865 ((HU or SB) & H) | COM 426: Political Communication (SB) | MCO 450: Visual Communication (HU) |
| JUS 432: Racial Justice (L) | COM 428: Graphic Novels and Popular Culture (HU) | MCO 456: Political Communication (SB) |
| MCO 460: Race Gender and Media (C) | COM 467: Digital Rhetoric | MCO 460: Race Gender and Media (C) |
| PHI 306: Applied Ethics (HU) | COM 484: Internship | STS 330: Information Technology and Globalization (SB & G) |
| POS 350: Comparative Politics (SB & G) | MCO 456: Political Communication (SB) | STS 425: Law Values Science and Technology (SB) |
| POS 435: Women and Politics (SB & C) | PHI 306: Applied Ethics (HU) | TWC 301: Fundamentals of Writing for Digital Media (L) |
| | POS 346: Problems of Democracy (HU) | TWC 411: Principles of Visual Communication (L) |
| | POS 435: Women and Politics (SB & C) | TWC 452: Information in the Digital Age |
| | POS 442: American Political Thought (HU) | TWC 453: Information and Communications Technology in American History (L & H) |
| | WST 375: Women and Social Change (SB & C) | |

Notes:

- Students must complete a minimum of 12 upper division credit hours of COM courses offered by the College of Integrative Sciences and Arts.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.













2020 - 2021 Major Map

Counseling and Applied Psychological Science, BS

School/College: College of Integrative Sciences and Arts

Location: Polytechnic campus

LSCAPSBS

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  CAP 120: Introduction to Counseling (SB) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Select your career interest communities and play me3@ASU. |
|  MAT 170: Precalculus (MA) | 3 | C | |
|  PSY 101: Introduction to Psychology (SB) | 3 | C | |
| ASU 101-CLS: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 16 | | |
| Term 2 16 - 31 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  CAP 240: Counseling Skills | 3 | C | <ul style="list-style-type: none"> • Join a student club or professional organization. |
|  PSY 230: Introduction to Statistics (CS) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Elective | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |
| Term 3 31 - 47 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  CAP 220: Self in a Multicultural Society (C) | 3 | C | <ul style="list-style-type: none"> • Secure a part-time job or volunteer experience. |
| PSY 290: Research Methods (L or SG) | 4 | C | |
| Historical Awareness (H) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 3 | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |
| Term 4 47 - 63 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  ABS OR BIO OR MIC course (SQ) | 4 | | |
| Global Awareness (G) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Complete 2 courses: Elective | 6 | | |
| Term hours subtotal: | 16 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ CAP 310: Addictions I: Foundations and Basic Principles | 3 | C | <ul style="list-style-type: none"> • Build your professional connections -- join the ASU Mentor Network |
| CED 250: Career Development (L) | 3 | C | |
| PSY 366: Abnormal Psychology (SB) | 3 | C | |
| Upper Division Counseling and Applied Psychological Sciences A Course | 3 | C | |
| Upper Division Counseling and Applied Psychological Sciences B Course | 3 | C | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ CAP 320: Theories of Counseling and Psychotherapy | 3 | C | <ul style="list-style-type: none"> • Use Handshake to research employment opportunities. |
| Upper Division Counseling and Applied Psychological Sciences A Course | 3 | C | |
| Upper Division Counseling and Applied Psychological Sciences B Course | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ Upper Division Counseling and Applied Psychological Sciences A Course | 3 | C | <ul style="list-style-type: none"> • Gather professional references. • Apply for full-time career opportunities. |
| ★ Upper Division Counseling and Applied Psychological Sciences B Course | 3 | C | |
| Upper Division Elective | 3 | | |
| Complete 2 courses: Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ CAP 484: Internship | 3 | C | |
| Upper Division Counseling and Applied Psychological Sciences A Course | 3 | C | |
| Upper Division Counseling and Applied Psychological Sciences B Course | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 12 | | |

Hide Course List(s)/Track Group(s)

Counseling and Applied Psychological Sciences A Courses

Counseling and Applied Psychological Sciences B Courses

CAP 315: Trauma and Crisis Intervention

| | |
|---|--|
| CAP 325: Professional Practice and Ethics in Counseling | FAS 331: Marriage and Family Relationships (SB) |
| CAP 330: Group Counseling | FAS 370: Family Ethnic and Cultural Diversity (SB & C) |
| CAP 340: Multicultural Counseling Theory and Practice | PSY 315: Personality Theory and Research (SB) |
| CAP 342: Community Outreach Prevention and Intervention | PSY 320: Learning and Motivation |
| CAP 400: Advanced Counseling Research Methods | PSY 323: Sensation and Perception |
| CAP 420: School Counseling | PSY 324: Memory and Cognition |
| CAP 440: Addictions II: Treatment Recovery and Relapse Prevention | PSY 325: Physiological Psychology |
| JUS 305: Principles of Justice Studies (SB) | PSY 330: Statistical Methods (CS) |
| | PSY 341: Developmental Psychology (SB) |
| | PSY 350: Social Psychology (SB) |
| | PSY 369: Biology of Human Sexuality |
| | PSY 370: Interpersonal Relationships (SB) |
| | PSY 385: Psychology of Gender (SB) |
| | PSY 399: Supervised Research |
| | PSY 425: Biological Bases of Behavior (L) |
| | PSY 444: Adolescent Psychology and Psychopathology |
| | PSY 447: Psychology of Aging (SB) |
| | PSY 465: Psychology of Stress and Coping |
| | PSY 470: Psychopharmacology |
| | PSY 472: Clinical Psychology |
| | PSY 499: Individualized Instruction |
| | SOC 315: Courtship and Marriage (SB) |

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.













2020 - 2021 Major Map

Counseling and Applied Psychological Science (Substance Abuse and Addictions), BS

School/College: College of Integrative Sciences and Arts

Location: Polytechnic campus

LSCAPSAABS

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|----------------|---|
|  CAP 120: Introduction to Counseling (SB) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Select your career interest communities and play me3@ASU. |
|  MAT 170: Precalculus (MA) | 3 | C | |
|  PSY 101: Introduction to Psychology (SB) | 3 | C | |
| ASU 101-CLS: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 16 | | |
| Term 2 16 - 31 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  CAP 220: Self in a Multicultural Society (C) | 3 | C | <ul style="list-style-type: none"> • Join a student club or professional organization. |
|  PSY 230: Introduction to Statistics (CS) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |
| Term 3 31 - 47 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  CAP 240: Counseling Skills | 3 | C | <ul style="list-style-type: none"> • Secure a part-time job or volunteer experience. |
| PSY 290: Research Methods (L or SG) | 4 | C | |
| Historical Awareness (H) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Elective | 3 | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |
| Term 4 47 - 60 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  BIO 181: General Biology I (SQ) | 4 | C | |
| Global Awareness (G) | 3 | | |
| Complete 2 courses: Elective | 6 | | |
| Term hours subtotal: | 13 | | |
| | | Minimum | |

| Term 5 60 - 75 Credit Hours Necessary course signified by ★ | Hours | Grade | Notes |
|---|-------|-------|--|
| ★ CAP 310: Addictions I: Foundations and Basic Principles | 3 | C | <ul style="list-style-type: none"> Build your professional connections -- join the ASU Mentor Network |
| CAP 325: Professional Practice and Ethics in Counseling | 3 | C | |
| CAP 340: Multicultural Counseling Theory and Practice | 3 | | |
| CED 250: Career Development (L) | 3 | C | |
| PSY 366: Abnormal Psychology (SB) | 3 | C | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ CAP 320: Theories of Counseling and Psychotherapy | 3 | C | <ul style="list-style-type: none"> Use Handshake to research employment opportunities. |
| CAP 335: Addiction Group Counseling | 3 | C | |
| CAP 351: Issues in Assessment, Diagnosis and Treatment | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ PSY 470: Psychopharmacology | 3 | C | <ul style="list-style-type: none"> Gather professional references. Apply for full-time career opportunities. |
| CAP 440: Addictions II: Treatment, Recovery and Relapse Prevention | 3 | C | |
| Upper Division Elective | 3 | | |
| Complete 2 courses: | | | |
| Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ CAP 484: Internship | 3 | C | |
| Complete 2 courses: | | | |
| Upper Division Counseling and Applied Psychological Sciences Courses | 6 | C | |
| Complete 2 courses: | | | |
| Elective | 6 | | |
| Term hours subtotal: | 15 | | |

Hide Course List(s)/Track Group(s)

- Counseling and Applied Psychological Sciences Courses
- CAP 315: Trauma and Crisis Intervention
- CAP 330: Group Counseling
- CAP 342: Community Outreach Prevention and Intervention

CAP 400: Advanced Counseling Research
Methods

CAP 420: School Counseling

FAS 331: Marriage and Family Relationships
(SB)

FAS 370: Family Ethnic and Cultural
Diversity (SB & C)

JUS 305: Principles of Justice Studies (SB)

PSY 315: Personality Theory and Research
(SB)

PSY 320: Learning and Motivation

PSY 323: Sensation and Perception

PSY 324: Memory and Cognition

PSY 325: Physiological Psychology

PSY 330: Statistical Methods (CS)

PSY 341: Developmental Psychology (SB)

PSY 350: Social Psychology (SB)

PSY 369: Biology of Human Sexuality

PSY 370: Interpersonal Relationships (SB)

PSY 385: Psychology of Gender (SB)

PSY 399: Supervised Research

PSY 425: Biological Bases of Behavior (L)

PSY 444: Adolescent Psychology and
Psychopathology

PSY 447: Psychology of Aging (SB)

PSY 465: Psychology of Stress and Coping

PSY 472: Clinical Psychology

PSY 499: Individualized Instruction

SOC 315: Courtship and Marriage (SB)

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map




English, BA




School/College: College of Integrative Sciences and Arts



Location: Polytechnic campus

LSENGBA

| Term 1 0 - 13 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Select your career interest communities and play me3@ASU. |
| ASU 101-CLS: The ASU Experience | 1 | | |
| Historical Awareness (H) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Mathematics (MA) (MAT 142 recommended) | 3 | | |
| Term hours subtotal: | 13 | | |

| Term 2 13 - 29 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • Join a student club or professional organization. |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 29 - 45 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  ENG 200: Critical Reading and Writing About Literature (L or HU) | 3 | C | <ul style="list-style-type: none"> • ENG 200-level literature course is a recommended pre-requisite to upper division ENG courses. • Secure a part-time job or volunteer experience. |
| 2** ENG Literature Course | 3 | C | |
| ENG Elective | 3 | C | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
|  Complete Mathematics (MA) requirement. Maintain 2.00 GPA in Major Courses. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 45 - 60 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  Rhetoric, Writing and Linguistics Course | 3 | C | |
| Literature and Culture Before 1800 Course | 3 | C | |
| Global Awareness (G) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 3 | | |

Maintain 2.00 GPA in Major Courses.

Term hours subtotal: 15

| Term 5 60 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ Upper Division Ethnicity, Gender and Environment Course | 3 | C | <ul style="list-style-type: none"> Build your professional connections -- join the ASU Mentor Network |
| Complete 2 courses: ENG Elective | 6 | C | |
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| Maintain 2.00 GPA in Major Courses. | | | |
| Term hours subtotal: | | 15 | |

| Term 6 75 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ Upper Division Literature and Culture After 1800 Course | 3 | C | <ul style="list-style-type: none"> Use Handshake to research employment opportunities. |
| Complete 2 courses: ENG Elective | 6 | C | |
| Complete 2 courses: Upper Division Elective | 6 | | |
| Maintain 2.00 GPA in Major Courses. | | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | | 15 | |

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ ENG Upper Division Elective | 3 | C | <ul style="list-style-type: none"> Gather professional references. Apply for full-time career opportunities. |
| Complete 4 courses: Upper Division Elective | 12 | | |
| Maintain 2.00 GPA in Major Courses. | | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ ENG 498: Pro-Seminar (L) | 3 | C | <ul style="list-style-type: none"> Students in the Barrett Honors College may take ENG 493: Honors Thesis in place of ENG 498: Pro-Seminar. |
| Complete 2 courses: ENG Upper Division Elective | 6 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Elective OR ENG 484: Internship | 3 | | |
| Maintain 2.00 GPA in Major Courses. | | | |
| Term hours subtotal: | | 15 | |

Hide Course List(s)/Track Group(s)

| | | |
|--|--|--|
| 2** ENG Literature Course | Literature and Culture Before 1800 | Literature and Culture After 1800 |
| ENG 201: World Literature (HU & H & G) | ENG 201: World Literature (HU & H & G) | ENG 320: Medievalism in Modern Culture |
| ENG 202: World Literature (HU & H) | ENG 202: World Literature (HU & H) | ENG 335: American Poetry |

| | | |
|---|---|--|
| ENG 204: Literature and Medicine (HU) | ENG 221: Survey of English Literature (HU) | ENG 337: Major American Novels (L or HU) |
| ENG 221: Survey of English Literature (HU) | ENG 241: Literatures of the United States to 1860 ((L or HU) & C) | ENG 352: Short Story (L or HU) |
| ENG 222: Survey of English Literature (HU & H) | ENG 303: Classical Backgrounds of English Literature (HU) | ENG 353: African American Literature: Beginnings through the Harlem Renaissance ((L or HU) & C) |
| ENG 241: Literatures of the United States to 1860 ((L or HU) & C) | ENG 321: Shakespeare (L or HU) | ENG 354: African American Literature: Harlem Renaissance to the Present ((L or HU) & C) |
| ENG 242: Literatures of the United States 1860 to Present (HU) | ENG 328: The Novel to Jane Austen (HU & H) | ENG 359: Indigenous American Literature ((L or HU) & C) |
| | | ENG 363: Transborder Mexican and Chicano/a Literature of Southwest North America ((L or HU) & C) |
| | | ENG 366: Literature on Film |
| | | ENG 367: Environmental Issues in Literature and Film (L or HU) |
| | | ENG 464: Great Directors (L or HU) |
| | | ENG 466: Studies in International Film ((L or HU) & G) |
| | | ENG 467: American Film Musicals (L or HU) |
| | | ENG 471: Literature for Young Adults (HU) |

| Ethnicity Gender and Environment | Rhetoric Writing and Linguistics |
|--|---|
| ENG 317: Cross-Cultural Writing ((L or HU) & G) | ENG 210: Introduction to Creative Writing |
| ENG 333: American Ethnic Literature ((L or HU) & C) | ENG 214: English Grammar and Usage |
| ENG 334: The American Southwest in Literature and Film ((L or HU) & C) | ENG 215: Strategies of Academic Writing (L) |
| ENG 353: African American Literature: Beginnings through the Harlem Renaissance ((L or HU) & C) | ENG 216: Persuasive Writing on Public Issues (L) |
| ENG 354: African American Literature: Harlem Renaissance to the Present ((L or HU) & C) | ENG 217: Writing Reflective Essays (L) |
| ENG 359: Indigenous American Literature ((L or HU) & C) | ENG 218: Writing About Literature (L or HU) |
| ENG 363: Transborder Mexican and Chicano/a Literature of Southwest North America ((L or HU) & C) | ENG 243: Introduction to Writing Family History (L) |
| ENG 364: Women and Literature (HU) | ENG 287: Beginning Creative Writing Workshop in Poetry |
| ENG 367: Environmental Issues in Literature and Film (L or HU) | ENG 288: Beginning Creative Writing Workshop in Fiction |
| ENG 378: Environmental Creative Nonfiction (L or HU) | ENG 301: Writing for the Professions (L) |
| | ENG 310: Intermediate Creative Writing |
| | ENG 311: Persuasive Writing (L) |
| | ENG 314: Modern Grammar |
| | ENG 317: Cross-Cultural Writing ((L or HU) & G) |

ENG 468: Environmental Literary Criticism
(L or HU)

ENG 376: Writing a Personal History (L)

ENG 377: Editing Family History for Public
Audiences (L)

ENG 378: Environmental Creative Nonfiction
(L or HU)

ENG 379: Travel Writing (L)

ENG 387: Intermediate Creative Writing
Workshop in Poetry: Form Theory and
Practice

ENG 388: Intermediate Creative Writing
Workshop in Fiction: Form Theory and
Practice

ENG 411: Advanced Creative Writing

ENG 472: Rhetorical Studies (L)

Notes:

- A minimum of 12 upper division ENG credits must be completed through the College of Integrative Sciences and Arts.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition



General Studies designations listed on the major map are current for the 2020 - 2021 academic year.






2020 - 2021 Major Map



Exploratory Health and Life Sciences

School/College: College of Integrative Sciences and Arts

Location: Downtown Phoenix campus, Polytechnic campus, Tempe campus, ASU@Lake Havasu
UCHSCIEXP

| Term 1 0 - 15 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  Natural Science - Quantitative (SQ) | 4 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First Year Seminar required of all first-year students. • Select your career interest communities and play me3@ASU. |
| ASU 101-CLS: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| UNI 150: Major and Career Exploration | 1 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Mathematics (MA) | 3 | C | |
| Term hours subtotal: | 15 | | |

| Term 2 15 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  UNI 250: Choosing a Major | 1 | C | <ul style="list-style-type: none"> • Join a student club or professional organization. |
|  Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Elective | 1 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 15 | | |

| Term 3 30 - 45 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | C | <ul style="list-style-type: none"> • Secure a part-time job or volunteer experience. |
| UNI 270: Career Direction for a Successful Future | 1 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Elective | 1 | | |
| Milestone: Selection of a major. | | | |
| Term hours subtotal: | 15 | | |

Notes:

- Students considering ASU majors which require a second language may consult with an academic advisor to consider a second language course for any term.

Total Hours: 45

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.















2020 - 2021 Major Map

Exploratory Health and Life Sciences

School/College: [College of Integrative Sciences and Arts](#)




Location: [Online](#)

UCHSCIEXP

| Term 1 - A 0 - 7 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement into mathematics course. • ASU 101 or college-specific equivalent First Year Seminar required of all first-year students. • Select your career interest communities and play me3@ASU. |
| ASU 101-CLS: The ASU Experience | 1 | | |
| Mathematics (MA) | 3 | C | |
| Term hours subtotal: | 7 | | |
| Term 1 - B 7 - 15 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • View ASU Online first-year student registration information here. |
|  Natural Science - Quantitative (SQ) | 4 | C | |
| UNI 150: Major and Career Exploration | 1 | C | |
| Term hours subtotal: | 8 | | |
| Term 2 - A 15 - 22 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  UNI 250: Choosing a Major | 1 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Term hours subtotal: | 7 | | |
| Term 2 - B 22 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | C | <ul style="list-style-type: none"> • Join a student club or professional organization. |
| Humanities, Arts and Design (HU) | 3 | | |
| Elective | 1 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 8 | | |
| Term 3 - A 30 - 37 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | <ul style="list-style-type: none"> • Secure a part-time job or volunteer experience. |
| UNI 270: Career Direction for a Successful Future | 1 | C | |

Literacy and Critical Inquiry (L) 3

Term hours subtotal: 7

| Term 3 - B 37 - 45 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
|  Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | C | |
| Elective | 1 | | |
| Milestone: Selection of a major. | | | |
| Term hours subtotal: | 8 | | |

Hide Course List(s)/Track Group(s)

Notes:

- Students considering ASU majors which require a second language may consult with an academic advisor to consider a second language course for any term.

Total Hours: 45

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition





General Studies designations listed on the major map are current for the 2020 - 2021 academic year.






2020 - 2021 Major Map




Exploratory Humanities, Fine Arts and Design

School/College: College of Integrative Sciences and Arts

Location: Downtown Phoenix campus, Polytechnic campus, Tempe campus, ASU@Lake Havasu
UCHUFAEXPL

| Term 1 0 - 15 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college specific equivalent First Year Seminar required of all first-year students. • Select your career interest communities and play me3@ASU. |
|  Humanities, Arts and Design (HU) | 3 | C | |
| ASU 101-CLS: The ASU Experience | 1 | | |
| UNI 150: Major and Career Exploration | 1 | C | |
| Mathematics (MA) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 15 | | |

| Term 2 15 - 31 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • Join a student club or professional organization. |
|  UNI 250: Choosing a Major | 1 | C | |
|  Humanities, Arts and Design (HU) | 3 | C | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Global Awareness (G) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 31 - 48 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  Social-Behavioral Sciences (SB) | 3 | C | <ul style="list-style-type: none"> • Secure a part-time job or volunteer experience. |
| UNI 270: Career Direction for a Successful Future | 1 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Historical Awareness (H) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
|  Complete Mathematics (MA) requirement. | | | |
| Milestone: Selection of a major. | | | |
| Term hours subtotal: | 17 | | |

Hide Course List(s)/Track Group(s)

Notes:

- Students considering ASU majors which require a second language may consult with an academic advisor to consider a second language course for any term.

Total Hours: 48

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.














2020 - 2021 Major Map

Exploratory Humanities, Fine Arts and Design

School/College: [College of Integrative Sciences and Arts](#)

Location: [Online](#)

UCHUFAEXPL

| Term 1 - A 0 - 7 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement into mathematics course. • ASU 101 or college specific equivalent First Year Seminar required of all first-year students. • Select your career interest communities and play me3@ASU. |
|  Humanities, Arts and Design (HU) | 3 | C | |
| ASU 101-CLS: The ASU Experience | 1 | | |
| Term hours subtotal: | 7 | | |
| Term 1 - B 7 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • View ASU Online first-year student registration information here. |
| UNI 150: Major and Career Exploration | 1 | C | |
| Social-Behavioral Sciences (SB) | 3 | C | |
| Term hours subtotal: | 7 | | |
| Term 2 - A 14 - 21 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  UNI 250: Choosing a Major | 1 | C | |
|  Humanities, Arts and Design (HU) | 3 | C | |
| Mathematics (MA) | 3 | | |
| Term hours subtotal: | 7 | | |
| Term 2 - B 21 - 27 Credit Hours | Hours | Minimum Grade | Notes |
| Cultural Diversity in the U.S. (C) | 3 | | <ul style="list-style-type: none"> • Join a student club or professional organization |
| Global Awareness (G) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 6 | | |
| Term 3 - A 27 - 35 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  Social-Behavioral Sciences (SB) | 3 | C | |
| UNI 270: Career Direction for a Successful Future | 1 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 8 | | |
| Term 3 - B 35 - 42 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |

| | |
|---|---|
| Computer/Statistics/Quantitative Applications (CS) | 3 |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 |
| Complete Mathematics (MA) requirement. | |
| Term hours subtotal: | 7 |

- Secure a part-time job or volunteer experience

| Term 4 - A 42 - 48 Credit Hours | Hours | Minimum Grade | Notes |
|-----------------------------------|-------|---------------|-------|
| Historical Awareness (H) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Milestone: Selection of a major. | | | |
| Term hours subtotal: | 6 | | |

Hide Course List(s)/Track Group(s)

Notes:

- Students considering ASU majors which require a second language may consult with an academic advisor to consider a second language course for any term.

Total Hours: 48

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition












General Studies designations listed on the major map are current for the 2020 - 2021 academic year.

2020 - 2021 Major Map

Exploratory Math, Physical Sciences, Engineering and Technology

School/College: College of Integrative Sciences and Arts

Location: Downtown Phoenix campus, Polytechnic campus, Tempe campus
UCEMTPEXPL

| Term 1 0 - 15 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement into mathematics course. • ASU 101 or College specific equivalent First Year Seminar required of all first-year students. • Select your career interest communities and play me3@ASU. |
| MAT 117: College Algebra (MA) OR MAT 170: Precalculus (MA) OR MAT 171: Precalculus: Science, Technology, Engineering and Mathematics (STEM) (MA) OR MAT 265: Calculus for Engineers I | | | |
|  (MA) OR MAT 266: Calculus for Engineers II (MA) OR MAT 267: Calculus for Engineers III (MA) OR MAT 270: Calculus with Analytic Geometry I (MA) OR MAT 271: Calculus with Analytic Geometry II (MA) OR MAT 272: Calculus with Analytic Geometry III (MA) | 3-4 | C | |
| ASU 101-CLS: The ASU Experience | 1 | | |
| UNI 150: Major and Career Exploration | 1 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Term hours subtotal: | 15-16 | | |
| Term 2 15 - 29 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
| ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • Join a student club or professional organization. |
| MAT 117: College Algebra (MA) OR MAT 170: Precalculus (MA) OR MAT 171: Precalculus: Science, Technology, Engineering and Mathematics (STEM) (MA) OR MAT 265: Calculus for Engineers I | | | |
|  (MA) OR MAT 266: Calculus for Engineers II (MA) OR MAT 267: Calculus for Engineers III (MA) OR MAT 270: Calculus with Analytic Geometry I (MA) OR MAT 271: Calculus with Analytic Geometry II (MA) OR MAT 272: Calculus with Analytic Geometry III (MA) | 3-4 | C | |
|  UNI 250: Choosing a Major | 1 | C | |
|  Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 14-15 | | |
| Term 3 29 - 45 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
| MAT 117: College Algebra (MA) OR MAT 170: Precalculus (MA) OR MAT 171: Precalculus: Science, Technology, Engineering and Mathematics (STEM) (MA) OR MAT 265: Calculus for Engineers I | | | <ul style="list-style-type: none"> • Secure a part-time job or volunteer experience. |
|  (MA) OR MAT 266: Calculus for Engineers II (MA) OR MAT 267: Calculus for Engineers III (MA) OR MAT 270: Calculus with Analytic Geometry I (MA) OR MAT 271: Calculus with Analytic Geometry II (MA) OR MAT 272: Calculus with Analytic Geometry III (MA) | 3-4 | C | |
| UNI 270: Career Direction for a Successful Future | 1 | C | |

| | |
|--|-------|
| Computer/Statistics/Quantitative Applications (CS) | 3 |
| Humanities, Arts and Design (HU) | 3 |
| Literacy and Critical Inquiry (L) | 3 |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 |
| Complete Mathematics (MA) requirement. | |
| Milestone: Selection of a major. | |
| Term hours subtotal: | 16-17 |

Hide Course List(s)/Track Group(s)

Notes:

- Students considering ASU majors which require a second language may consult with an academic advisor to consider a second language course for any term.
- Students should consider completing Global, Historical, and Cultural Awareness requirements with their Social and Behavioral or Humanities and Fine Arts courses.

Total Hours: 45

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.





2020 - 2021 Major Map





Exploratory Math, Physical Sciences, Engineering and Technology



School/College: [College of Integrative Sciences and Arts](#)



Location: [Online](#)



UCEMTPEXPL

| Term 1 - A 0 - 7 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement into mathematics course. • ASU 101 or college-specific equivalent First Year Seminar required of all first-year students. • Select your career interest communities and play me3@ASU. |
| MAT 117: College Algebra (MA) OR MAT 170: Precalculus (MA) | | | |
|  OR MAT 265: Calculus for Engineers I (MA) OR MAT 266: Calculus for Engineers II (MA) OR MAT 267: Calculus for Engineers III (MA) | 3 | C | |
| ASU 101-CLS: The ASU Experience | 1 | | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 15 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • View ASU Online first-year student registration information here. |
|  Natural Science - Quantitative (SQ) | 4 | | |
| UNI 150: Major and Career Exploration | 1 | C | |
| Term hours subtotal: | 8 | | |

| Term 2 - A 15 - 22 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| MAT 117: College Algebra (MA) OR MAT 170: Precalculus (MA) OR  MAT 265: Calculus for Engineers I (MA) OR MAT 266: Calculus for Engineers II (MA) OR MAT 267: Calculus for Engineers III (MA) | 3 | C | <ul style="list-style-type: none"> • Join a student club or professional organization. |
| UNI 250: Choosing a Major | 1 | C | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 2 - B 22 - 29 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 7 | | |

| Term 3 - A 29 - 36 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| MAT 117: College Algebra (MA) OR MAT 170: Precalculus (MA) OR  MAT 265: Calculus for Engineers I (MA) OR MAT 266: Calculus for Engineers II (MA) OR MAT 267: Calculus for Engineers III (MA) | 3 | C | |
| UNI 270: Career Direction for a Successful Future | 1 | C | |

Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) 3

Term hours subtotal: 7

| Term 3 - B 36 - 42 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| Computer/Statistics/Quantitative Applications (CS) | 3 | | • Secure a part-time job or volunteer experience. |
| Humanities, Arts and Design (HU) | 3 | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 6 | | |

| Term 4 - A 42 - 45 Credit Hours | Hours | Minimum Grade | Notes |
|-----------------------------------|-------|---------------|-------|
| Literacy and Critical Inquiry (L) | 3 | | |
| Milestone: Selection of a major. | | | |
| Term hours subtotal: | 3 | | |

Hide Course List(s)/Track Group(s)

Notes:

- Students considering ASU majors which require a second language may consult with an academic advisor to consider a second language course for any term.
- Students should consider completing Global, Historical, and Cultural Awareness requirements with their Social and Behavioral or Humanities and Fine Arts courses.

Total Hours: 45

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition





General Studies designations listed on the major map are current for the 2020 - 2021 academic year.






2020 - 2021 Major Map




Exploratory Social and Behavioral Sciences

School/College: [College of Integrative Sciences and Arts](#)

Location: [Downtown Phoenix campus](#), [Polytechnic campus](#), [Tempe campus](#), [ASU@Lake Havasu](#)
UCSBSEXPL

| Term 1 0 - 15 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or College specific equivalent First Year Seminar required for all first-year students. • Select your career interest communities and play me3@ASU. |
|  Social-Behavioral Sciences (SB) | 3 | C | |
| ASU 101-CLS: The ASU Experience | 1 | | |
| UNI 150: Major and Career Exploration | 1 | C | |
| Mathematics (MA) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 15 | | |

| Term 2 15 - 31 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • Join a student club or professional organization. |
|  UNI 250: Choosing a Major | 1 | C | |
|  Social-Behavioral Sciences (SB) | 3 | C | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Global Awareness (G) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 31 - 48 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  Computer/Statistics/Quantitative Applications (CS) | 3 | | <ul style="list-style-type: none"> • Secure a part-time job or volunteer experience. |
| UNI 270: Career Direction for a Successful Future | 1 | C | |
| Historical Awareness (H) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
|  Complete Mathematics (MA) requirement. | | | |
| Milestone: Selection of a major. | | | |
| Term hours subtotal: | 17 | | |

[Hide Course List\(s\)/Track Group\(s\)](#)

Notes:

- Students considering ASU majors which require a second language may consult with an academic advisor to consider a second language course for any term.

Total Hours: 48

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.












2020 - 2021 Major Map

Exploratory Social and Behavioral Sciences

School/College: [College of Integrative Sciences and Arts](#)

Location: [Online](#)

UCSBSEXPL

| Term 1 - A 0 - 7 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement into mathematics course. • ASU 101 or College specific equivalent First Year Seminar required of all first-year students. • Select your career interest communities and play me3@ASU. |
|  Social-Behavioral Sciences (SB) | 3 | C | |
| ASU 101-CLS: The ASU Experience | 1 | | |
| Term hours subtotal: | 7 | | |
| Term 1 - B 7 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • View ASU Online first-year student registration information here. |
| UNI 150: Major and Career Exploration | 1 | C | |
| Humanities, Arts and Design (HU) | 3 | C | |
| Term hours subtotal: | 7 | | |
| Term 2 - A 14 - 21 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  UNI 250: Choosing a Major | 1 | C | <ul style="list-style-type: none"> • Join a student club or professional organization. |
|  Social-Behavioral Sciences (SB) | 3 | C | |
| Mathematics (MA) | 3 | | |
| Term hours subtotal: | 7 | | |
| Term 2 - B 21 - 27 Credit Hours | Hours | Minimum Grade | Notes |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 6 | | |
| Term 3 - A 27 - 35 Credit Hours | Hours | Minimum Grade | Notes |
| UNI 270: Career Direction for a Successful Future | 1 | C | <ul style="list-style-type: none"> • Secure a part-time job or volunteer experience. |
| Global Awareness (G) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 8 | | |
| Term 3 - B 35 - 41 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |

| | |
|--|---|
| Computer/Statistics/Quantitative Applications (CS) | 3 |
| Historical Awareness (H) | 3 |
| Complete Mathematics (MA) requirement. | |
| Term hours subtotal: | 6 |

| Term 4 - A 41 - 48 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Milestone: Selection of a major. | | | |
| Term hours subtotal: | 7 | | |

Hide Course List(s)/Track Group(s)

Notes:

- Students considering ASU majors which require a second language may consult with an academic advisor to consider a second language course for any term.

Total Hours: 48

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition




General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map




General Studies, BA

School/College: [College of Integrative Sciences and Arts](#)

Location: [Downtown Phoenix campus](#), [Polytechnic campus](#), [ASU@Lake Havasu](#)
LSGNSBGS

| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  ENG 101 or ENG 102: First-Year Composition OR | 3 | C | <ul style="list-style-type: none"> An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses ASU 101 or college specific equivalent First Year Seminar required of all first-year students Mathematics Placement Assessment score determines placement in mathematics course Select your career interest communities and play me3@ASU. |
|  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | | | |
| ASU 101-CLS: The ASU Experience | 1 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ENG 101 or ENG 102: First-Year Composition OR | 3 | C | <ul style="list-style-type: none"> Students completing the Bachelor of Arts in General Studies will complete three courses in each cluster for a total of 36 credit hours. A minimum of 18 of the 36 credits must be upper-division credits. |
|  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | | | |
|  Cluster #1 Course | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Mathematics (MA) (MAT 142 recommended) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 45 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  Cluster #2 Course | 3 | C | <ul style="list-style-type: none"> Join a student club or professional organization. Secure a part-time job or volunteer experience. |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Complete 2 courses: | 6 | | |
| Elective | | | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 15 | | |

| Term 4 45 - 60 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  Cluster #3 Course | 3 | C | |
|  Literacy and Critical Inquiry (L) | 3 | | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Global Awareness (G) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ Cluster #1 Course | 3 | C | <ul style="list-style-type: none"> Build your professional connections -- join the ASU Mentor Network |
| ★ Cluster #4 Course | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Historical Awareness (H) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ Upper Division Cluster #1 Course | 3 | C | <ul style="list-style-type: none"> Use Handshake to research employment opportunities. |
| ★ Upper Division Cluster #2 Course | 3 | C | |
| Upper Division Cluster #3 Course | 3 | C | |
| Cluster #2 Course | 3 | C | |
| Upper Division Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ UNI 400: Society and the Individual (L) | 3 | C | <ul style="list-style-type: none"> Gather professional references. Apply for full-time career opportunities. |
| Complete 2 courses: Upper Division Cluster #4 Course | 6 | C | |
| Complete 2 courses: Upper Division Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ Upper Division Cluster #3 Course | 3 | C | |
| Upper Division Elective OR IDS 484: Internship OR COM 484: Internship OR SPA 484: Internship | 3 | | |
| Complete 3 courses: Upper Division Elective | 9 | | |
| Term hours subtotal: | 15 | | |

- Students completing the Bachelor of Arts in General Studies will complete three courses in each cluster for a total of 36 credit hours. A minimum of 18 of the 36 credits must be upper-division credits.

Hide Course List(s)/Track Group(s)

| | | |
|--|---|---|
| Global Perspectives | National and Civil Service | Organizations Communities and Ethics |
| COM 316: Gender and Communication (SB & C) | AES 101: Air Force Today I AES 103: Air Force Today II | CAP 342: Community Outreach Prevention and Intervention |

| | | |
|---|--|--|
| COM 363: Latinxs and the Media | AES 201: The Evolution of USAF Air and Space Power I | CHM 107: Chemistry and Society (SQ) |
| ENG 201: World Literature (HU & H & G) | AES 203: The Evolution of USAF Air and Space Power II | COM 312: Communication Conflict and Negotiation |
| ENG 202: World Literature (HU & H) | AES 301: Air Force Leadership Studies I (L) | CRJ 350: Law and Social Control (SB) |
| ENG 216: Persuasive Writing on Public Issues (L) | AES 303: Air Force Leadership Studies II (L) | CRJ 403: Victims and the Criminal Justice System |
| ENG 217: Writing Reflective Essays (L) | AES 401: National Security Affairs (L) | CRJ 404: Juvenile Delinquency |
| ENG 317: Cross-Cultural Writing ((L or HU) & G) | COM 259: Communication in Business and the Professions | CRJ 405: Neighborhoods and Crime |
| HCR 230: Culture and Health (C & G) or HSC 210: Cultural Aspects of Health (C) | COM 263: Elements of Intercultural Communication (SB & C & G) | CRJ 406: Sex Crimes |
| HCR 310: Fundamentals of Human Trafficking (SB) | COM 312: Communication Conflict and Negotiation | CRJ 408: Drugs and Crime |
| HST 101: Global History Since 1500 (HU & H & G) | COM 316: Gender and Communication (SB & C) | CRJ 422: Violence in America |
| HST 104: Western Civilization: French Revolution to European Union ((HU or SB) & G & H) | COM 371: Language Culture and Communication (SB & C & G) | CRJ 461: Domestic Violence |
| HST 230: Introduction to Jewish Civilization (HU & H & G) | CRJ 100: Introduction to Criminal Justice (SB) | CRJ 462: Gangs |
| HST 306: The Civil Rights Movement ((HU or SB) & H) | CRJ 201: Criminal Justice Crime Control Policies and Practices | CRJ 463: White Collar Crime |
| HST 327: Women in U.S. History 1600 to 1880 ((HU or SB) & C & H) | CRJ 350: Law and Social Control (SB) | CRJ 470: Discretionary Justice (L or SB) |
| HST 328: Women in U.S. History 1880-1980 ((HU or SB) & C & H) | CRJ 403: Victims and the Criminal Justice System | HCI 150: Introduction to Health Innovation |
| HST 364: Sex and Society in Modern Europe ((L or SB) & H) | CRJ 404: Juvenile Delinquency | HCI 250: Health Entrepreneurship and Value Creation |
| HST 368: Culture and Imagination in European History (HU & H) | CRJ 405: Neighborhoods and Crime | HCR 210: Ethics for the Health Care Professional (HU) |
| HST 372: Modern Middle East (SB & G & H) | CRJ 406: Sex Crimes | HCR 230: Culture and Health (C & G) or HSC 210: Cultural Aspects of Health (C) |
| HST 430: The Ottoman Empire in the Classical Period | CRJ 408: Drugs and Crime | HCR 231: Fundamentals of Community Health |
| MCO 430: International Mass Communication (G) | CRJ 422: Violence in America | HCR 310: Fundamentals of Human Trafficking (SB) |
| REL 100: Religions of the World (HU & G) | CRJ 461: Domestic Violence | HCR 331: Communication within Communities |
| REL 201: Religion and the Modern World (L or HU) | CRJ 462: Gangs | HST 333: African American History to 1865 (SB & H & C) |
| REL 365: Islamic Civilization (HU & H) | CRJ 463: White Collar Crime | MCO 120: Media and Society (SB) |
| REL 369: Women in Islam | CRJ 470: Discretionary Justice (L or SB) | MCO 240: Media Issues in American Pop Culture |
| REL 390: Women Gender and Religion (HU & G) | ENG 216: Persuasive Writing on Public Issues (L) | MCO 335: Social Media |
| SPA 405: Latino Cultural Perspectives for the Professions ((L or HU) & C & G) | ENG 217: Writing Reflective Essays (L) | MCO 456: Political Communication (SB) |
| | ENG 301: Writing for the Professions (L) | MCO 425: Digital Media Literacy I |
| | ENG 317: Cross-Cultural Writing ((L or HU) & G) | MCO 426: Digital Media Literacy II |
| | HCR 231: Fundamentals of Community Health | MCO 460: Race Gender and Media (C) |
| | | NLM 160: Voluntary Action and Community Leadership (SB) |

| | | |
|--|--|---|
| SWU 456: Immigrants and Refugees (C) | HCR 310: Fundamentals of Human Trafficking (SB) | NLM 220: Introduction to Nonprofit Organizations |
| SWU 457: Southwest Borderland Immigration Issues (C) | HCR 331: Communication within Communities | NLM 300: Fund Raising and Resource Development |
| TDM 205: Introduction to Travel and Tourism (G) | MCO 456: Political Communication (SB) | NLM 310: Volunteer Management |
| WST 100: Women Gender and Society (SB & C) or WST 300: Women and Gender in Contemporary Society (SB & C) | MIS 101: Introduction to the United States Army | OGL 220: Behavioral Dynamics in Organizations (SB) |
| WST 380: Race Gender and Class (SB & C) | MIS 102: Foundation of Agile and Adaptive Leadership | OGL 260: Resource Allocation in Organizations |
| WST 390: Women Gender and Religion (HU & G) | MIS 201: Army Leadership and Decision Making | OGL 300: Theory and Practice of Leadership |
| | MIS 202: Army Doctrine and Team Development | OGL 343: Social Processes in Organizations (SB) |
| | MIS 301: Training Management and the Warfighting Functions (L) | OGL 345: Organizational Ethics (HU) |
| | MIS 302: Applied Leadership in Small-Unit Operations (L) | OGL 350: Diversity and Organizations (L & C) |
| | NAV 101: Introduction to Naval Science | OGL 355: Leading Organizational Innovation and Change |
| | NAV 102: Sea Power and Maritime Affairs | OGL 357: Assessment in Organizations |
| | NAV 402: Leadership and Ethics | OGL 360: Assessment of Leadership Effectiveness |
| | NLM 160: Voluntary Action and Community Leadership (SB) | PAF 220: Introduction to Urban America |
| | NLM 220: Introduction to Nonprofit Organizations | PAF 240: Urban Policy (C) |
| | NLM 300: Fund Raising and Resource Development | PAF 305: Urban Governance |
| | NLM 310: Volunteer Management | PAF 311: Leadership and Change (SB) |
| | OGL 220: Behavioral Dynamics in Organizations (SB) | PAF 351: Urban and Metropolitan Studies |
| | OGL 260: Resource Allocation in Organizations | PAF 352: Urban Theory |
| | OGL 300: Theory and Practice of Leadership | PAF 410: Building Leadership Skills (SB) |
| | OGL 343: Social Processes in Organizations (SB) | PAF 420: Managing Across Boundaries |
| | OGL 345: Organizational Ethics (HU) | PAF 460: Public Service Ethics |
| | OGL 350: Diversity and Organizations (L & C) | PHI 101: Introduction to Philosophy (HU) |
| | OGL 355: Leading Organizational Innovation and Change | PHI 105: Intro to Ethics (HU) |
| | OGL 357: Assessment in Organizations | PHI 306: Applied Ethics (HU) |
| | OGL 360: Assessment of Leadership Effectiveness | PRM 145: Special Events Management |
| | PAF 240: Urban Policy (C) | PRM 487: Advanced Special Events Management |
| | | SPA 317: Spanish for the Professions (G) |
| | | SPA 318: Advanced Spanish for Health Care Professionals |
| | | SPA 401: Spanish Oral Communication for the Professions |

| | |
|---|---|
| PAF 305: Urban Governance | SPA 402: Written Communication for the Professions |
| PAF 311: Leadership and Change (SB) | SPA 404: Spanish in U. S. Professional Communities ((L or HU) & C) |
| PAF 410: Building Leadership Skills (SB) | SPA 405: Latino Cultural Perspectives for the Professions ((L or HU) & C & G) |
| PAF 420: Managing Across Boundaries | SPA 406: Introduction to Spanish/English Medical Interpretation |
| PAF 460: Public Service Ethics | STS 331: Ethical Issues in Science and Technology (SB) |
| SWU 181: Economics: A Social Issues Perspective | SWU 171: Introduction to Social Work (SB & H) |
| SWU 182: Social Services Perspective of Government (SB) | SWU 181: Economics: A Social Issues Perspective |
| SWU 432: Social Policy and Services | SWU 182: Social Services Perspective of Government (SB) |
| SWU 456: Immigrants and Refugees (C) | SWU 183: Introductory Ethics: A Social Issues Perspectives (HU) |
| SWU 457: Southwest Borderland Immigration Issues (C) | SWU 432: Social Policy and Services |
| USL 210: Service Learning: Intro to Diverse Community Issues (L & C) | SWU 456: Immigrants and Refugees (C) |
| USL 402: Service Learning: Education & Youth (C) | SWU 457: Southwest Borderland Immigration Issues (C) |
| VTS 301: Veterans Society and Service: Experience of America's Modern Wars | SWU 461: Lesbian Gay Bisexual Transgender and Queer Issues (C) |
| VTS 302: Representations and Self-Representations of Veterans in the Media and the Arts | TDM 205: Introduction to Travel and Tourism (G) |

Values Identities and Society

| |
|---|
| CAP 220: Self in a Multicultural Society (C) |
| CDE 232: Human Development (SB) |
| COM 100: Introduction to Human Communication (SB) |
| COM 207: Introduction to Communication Inquiry |
| COM 222: Argumentation (L) |
| COM 225: Public Speaking (L) |
| COM 230: Small Group Communication (SB) |
| COM 250: Communication and the Workplace (SB) |
| COM 259: Communication in Business and the Professions |
| COM 263: Elements of Intercultural Communication (SB & C & G) |

COM 312: Communication Conflict and Negotiation

COM 316: Gender and Communication (SB & C)

COM 323: Communication Approaches to Popular Culture (C)

COM 371: Language Culture and Communication (SB & C & G)

CRJ 350: Law and Social Control (SB)

CRJ 403: Victims and the Criminal Justice System

CRJ 404: Juvenile Delinquency

CRJ 405: Neighborhoods and Crime

CRJ 406: Sex Crimes

CRJ 408: Drugs and Crime

CRJ 422: Violence in America

CRJ 461: Domestic Violence

CRJ 462: Gangs

CRJ 463: White Collar Crime

ENG 216: Persuasive Writing on Public Issues (L)

ENG 217: Writing Reflective Essays (L)

ENG 218: Writing About Literature (L or HU)

ENG 287: Beginning Creative Writing Workshop in Poetry

ENG 288: Beginning Creative Writing Workshop in Fiction

ENG 301: Writing for the Professions (L)

ENG 364: Women and Literature (HU)

ENG 387: Intermediate Creative Writing Workshop in Poetry: Form Theory and Practice

ENG 388: Intermediate Creative Writing Workshop in Fiction: Form Theory and Practice

HCR 230: Culture and Health (C & G) or HSC 210: Cultural Aspects of Health (C)

HCR 310: Fundamentals of Human Trafficking (SB)

HCR 331: Communication within Communities

HST 110: United States Since 1865 (SB & H)

HST 230: Introduction to Jewish Civilization
(HU & H & G)

HST 306: The Civil Rights Movement ((HU or
SB) & H)

HST 327: Women in U.S. History 1600 to
1880 ((HU or SB) & C & H)

HST 328: Women in U.S. History 1880-1980
((HU or SB) & C & H)

HST 333: African American History to 1865
(SB & H & C)

HST 368: Culture and Imagination in
European History (HU & H)

HST 372: Modern Middle East (SB & G & H)

HST 430: The Ottoman Empire in the
Classical Period

MCO 335: Social Media

MCO 425: Digital Media Literacy I

MCO 426: Digital Media Literacy II

PHI 101: Introduction to Philosophy (HU)

PHI 105: Intro to Ethics (HU)

PHI 306: Applied Ethics (HU)

PSY 101: Introduction to Psychology (SB)

PSY 350: Social Psychology (SB)

REL 100: Religions of the World (HU & G)

REL 201: Religion and the Modern World (L
or HU)

REL 365: Islamic Civilization (HU & H)

REL 369: Women in Islam

REL 390: Women Gender and Religion (HU
& G)

SWU 456: Immigrants and Refugees (C)

SWU 461: Lesbian Gay Bisexual Transgender
and Queer Issues (C)

WST 100: Women Gender and Society (SB &
C) or WST 300: Women and Gender in
Contemporary Society (SB & C)

WST 380: Race Gender and Class (SB & C)

WST 390: Women Gender and Religion (HU
& G)

Total Hours: 120

Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.






2020 - 2021 Major Map






History, BA





School/College: College of Integrative Sciences and Arts

Location: Polytechnic campus

LSHISBA

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Select your career interest communities and play me3@ASU. |
|  HST Elective | 3 | C | |
| ASU 101-CLS: The ASU Experience | 1 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Mathematics (MA) (MAT 142 recommended) | 3 | | |
| Elective | 3 | | |
|  Maintain 2.25 GPA in Critical Tracking Courses. | | | |
| Minimum 2.25 GPA in HST. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • Join a student club or professional organization. |
|  HST Elective | 3 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
|  Maintain 2.25 GPA in Critical Tracking Courses. | | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 48 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  HST Elective | 3 | C | <ul style="list-style-type: none"> • Secure a part-time job or volunteer experience. |
| Global Awareness (G) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
|  Complete Mathematics (MA) requirement. | | | |
|  Maintain 2.25 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 48 - 63 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  History Related Area | 3 | C | |

| | |
|---|----|
| Cultural Diversity in the U.S. (C) | 3 |
| Historical Awareness (H) | 3 |
| Social-Behavioral Sciences (SB) | 3 |
| Elective | 3 |
| ◆ Maintain 2.25 GPA in Critical Tracking Courses. | |
| Minimum 2.25 GPA in HST. | |
| Term hours subtotal: | 15 |

- Students will choose a Related Area Field in consultation with their History academic advisor. Students will complete 15 credit hours (minimum of nine upper-division hours) in a Related Area Field. See more information at the bottom of the major map.

| Term 5 63 - 78 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ HST Upper Division Elective | 3 | C | • Build your professional connections -- join the ASU Mentor Network |
| Upper Division History Related Area | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| Minimum 2.25 GPA in HST. | | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ HST Upper Division Elective | 3 | C | • Use Handshake to research employment opportunities . |
| History Related Area | 3 | C | |
| Complete 3 courses: Upper Division Elective | 9 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Minimum 2.25 GPA in HST. | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ HST Upper Division Elective | 3 | C | • Gather professional references . • Apply for full-time career opportunities . |
| Complete 2 courses: Upper Division History Related Area | 6 | C | |
| Upper Division Elective | 3 | | |
| Minimum 2.25 GPA in HST. | | | |
| Term hours subtotal: | 12 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ HST 495: Methods of Historical Inquiry (L) OR HST 493: Honors Thesis (L) | 3 | C | • Students in the Barrett Honors College may take HST 493: Honors Thesis in place of HST 495: Methods of Historical Inquiry. |
| HST Upper Division Elective | 3 | C | |
| Upper Division Elective OR HST 484: Internship | 3 | | |
| Complete 2 courses: Elective | 6 | | |
| Minimum 2.25 GPA in HST. | | | |
| Term hours subtotal: | 15 | | |

Students complete 15 credit hours of Related Area Field courses (minimum of nine hours upper-division). Students choose one Related Area from the following options: English (ENG), Integrative Social Sciences (ISS), Philosophy (PHI), Political Science (POS), Religious Studies (REL), Sociology (SOC) and Science Technology and Society (STS). See Related Area Field prefix list below.

History Related Area courses for this degree are restricted. Students must meet with their academic advisor to select appropriate courses from the History Related Area.

Hide Course List(s)/Track Group(s)

| |
|----------------------|
| History Related Area |
| ENG Elective |
| ISS Elective |
| PHI Elective |
| POS Elective |
| REL Elective |
| SOC Elective |
| STS Elective |

Notes:

- Student must complete a minimum of 12 upper-division credit hours of HST courses offered by the College of Integrative Sciences and Arts.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.












2020 - 2021 Major Map

History of Science, Ideas and Innovation, BA

School/College: College of Integrative Sciences and Arts

Location: Polytechnic campus

LSHSIIBA

| Term 1 0 - 13 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Select your career interest communities area and play me3@ASU. |
| ASU 101-CLS: The ASU Experience | 1 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Mathematics (MA) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 13 | | |
| | | | |
| Term 2 13 - 28 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
| ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • Students must select Related Area courses all from one subject/prefix indicated at bottom of the major map. • Join a student club or professional organization. |
| Related Area Course | 3 | C | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |
| Term 3 28 - 44 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  HST 280: History of Science, Ideas and Innovation (SB & G & H) | 3 | C | <ul style="list-style-type: none"> • Secure a part-time job or volunteer experience. |
|  History of Science, Ideas and Innovation Elective | 3 | C | |
| Global Awareness (G) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |
| Term 4 44 - 60 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  Related Area Course | 3 | C | <ul style="list-style-type: none"> • Students must select Related Area courses all from one subject/prefix indicated at bottom of the major map. |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Historical Awareness (H) | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |

Term hours subtotal: 16

| Term 5 60 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ Related Area Course | 3 | C | <ul style="list-style-type: none"> • Students must choose History of Science, Ideas and Innovation Elective credits from the list provided at the bottom of the major map. • Build your professional connections -- join the ASU Mentor Network |
| Complete 3 courses: | | | |
| Upper Division History of Science, Ideas and Innovation Elective | 9 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ Complete 3 courses: | | | <ul style="list-style-type: none"> • Use Handshake to research employment opportunities. |
| Upper Division History of Science, Ideas and Innovation Elective | 9 | C | |
| Complete 2 courses: | | | |
| Elective | 6 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ Complete 3 courses: | | | <ul style="list-style-type: none"> • Gather professional references. • Apply for full-time career opportunities. |
| Upper Division History of Science, Ideas and Innovation Elective | 9 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ HST 495: Methods of Historical Inquiry (L) | 3 | C | |
| ★ Complete 4 courses: | | | |
| Upper Division History of Science, Ideas and Innovation Elective | 12 | C | |
| Term hours subtotal: | 15 | | |

Hide Course List(s)/Track Group(s)

| | |
|---|---|
| History of Science Ideas and Innovation Electives | Related Area Courses (9 credits from ONE subject below) |
| HST 294: Special Topics | ABS Elective |
| HST 300: Historical Inquiry ((L or HU or SB) & H) | ISS Elective |
| | PHY Elective |
| HST 301: Global History of Health (SB & G & H) | POS Elective |
| HST 308: History and Philosophy of Sustainability | SOC Elective |
| | STS Elective |
| HST 309: Exploration and Empire ((L or HU) & H) | |

HST 312: History of Women in Science and
Medicine (HU or SB)

HST 318: History of Engineering ((L or SB) &
G)

HST 319: History of Aviation (H)

HST 345: Environmental History (L)

HST 380: Studies in the History of Science

HST 381: Studies in the History of Ideas

HST 382: Studies in the History of Innovation
and Technology (H)

HST 385: History of Chinese Medicine (HU &
H & G)

HST 394: Special Topics

HST 482: Writing and the History of Science
Ideas and Technology (L)

HST 484: Internship

HST 494: Special Topics

Notes:

- Students must complete a minimum of 12 credit hours of HST courses offered by the College of Integrative Sciences and Arts.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map




Integrative Social Science, BS




School/College: College of Integrative Sciences and Arts



Location: Polytechnic campus

LSISSBS

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  ISS 110: Dimensions of Social Science (SB) OR ISS 302: Scope of Social Science (SB) | 3 | C | <ul style="list-style-type: none"> • Students beginning their college experience at ASU will take ISS 110 to fulfill the introduction course requirement. Students who transfer to ASU with more than 45 credit hours will take ISS 302 to fulfill this requirement. • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college specific equivalent First Year Seminar required of all first-year students. • Select your career interest communities and play me3@ASU. |
|  Social-Behavioral Sciences (SB) | 3 | | |
| ASU 101-CLS: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Mathematics (MA) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  Humanities, Arts and Design (HU) | 3 | | <ul style="list-style-type: none"> • Visit the Career and Professional Development Center to identify networking opportunities and to seek career planning assistance. • Join a student club or professional organization. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 47 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  Humanities, Arts and Design (HU) | 3 | | <ul style="list-style-type: none"> • Secure a part-time job or volunteer experience. |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Global Awareness (G) | 3 | | |
| Complete 2 courses: Elective | 6 | | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 15 | | |

| Term 4 47 - 63 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  Social-Behavioral Sciences (SB) | 3 | | |
| Historical Awareness (H) | 3 | | |

| | |
|---|----|
| Literacy and Critical Inquiry (L) | 3 |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 |
| Elective | 3 |
| Term hours subtotal: | 16 |

| Term 5 63 - 78 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ISS 301: Integrated Social Science Research Methods (SB) OR POS 301: Empirical Political Inquiry (SB) OR STS 301: Research in Science and Technology Studies (SB) | 3 | C | <ul style="list-style-type: none"> • Student will choose three Thematic Clusters in consultation with their academic advisor and complete nine credits in each cluster. • Build your professional connections -- join the ASU Mentor Network |
| Upper Division Thematic Cluster #1 | 3 | C | |
| Upper Division Thematic Cluster #2 | 3 | C | |
| Upper Division Thematic Cluster #3 | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ISS 304: Integrated Theories of Social Science (SB) | 3 | C | <ul style="list-style-type: none"> • Student will choose three Thematic Clusters in consultation with their academic advisor and complete nine credits in each cluster. • Use Handshake to research employment opportunities. |
| Upper Division Thematic Cluster #1 | 3 | C | |
| Upper Division Thematic Cluster #2 | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ISS 401: Statistics for Integrated Social Science (MA) OR POS 401: Political Statistics (CS) OR STS 401: Statistics in Science and Technology Studies (CS) | 3 | C | <ul style="list-style-type: none"> • Student will choose three Thematic Clusters in consultation with their academic advisor and complete nine credits in each cluster. • Gather professional references. • Apply for full-time career opportunities. |
| Upper Division Thematic Cluster #1 | 3 | C | |
| Upper Division Thematic Cluster #3 | 3 | C | |
| Complete 2 courses: | 6 | | |
| Elective | | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ISS 484: Internship OR ISS 498: Pro-Seminar | 3 | C | <ul style="list-style-type: none"> • ISS 484 is recommended for students taking the program as a terminal degree for professional practice. ISS 498 Capstone or Applied Project are recommended for students preparing for further studies. • Student will choose three Thematic Clusters in consultation with their academic advisor and complete nine credits in each cluster. |
| Upper Division Thematic Cluster #2 | 3 | C | |
| Upper Division Thematic Cluster #3 | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 12 | | |

- Upper Division Thematic Clusters: Students will choose three different Thematic Clusters and complete nine credits from each. There are some required courses in clusters and students will choose additional courses to complete the nine credit requirement. The same course may not be used to meet requirements in more than one Thematic Cluster.

Hide Course List(s)/Track Group(s)

| | | |
|--|---|--|
| <p>Conflict Resolution and Peace Studies (ISS 441 required)</p> <p>ISS 441: Conflict and Conflict Resolution (SB & G)</p> <p>Electives:</p> <p>ISS 428: Religion and Global Violence (SB & G)</p> <p>ISS 456: Culture Conflict and War ((L or SB) & G)</p> <p>POS 339: Grassroots Social Movements (SB)</p> <p>POS 467: International Security (SB & G)</p> <p>SOC 352: Social Change (SB & G & H)</p> <p>STS 364: Science Technology and National Security (SB)</p> | <p>Ethics in the Professions (ISS 437 required)</p> <p>ISS 437: Integrative Ethics in Social Science</p> <p>Electives:</p> <p>ISS 410: Integrative Leadership Studies (SB)</p> <p>STS 331: Ethical Issues in Science and Technology (SB)</p> | <p>Ethnicity Gender and Social Justice (POS 485 and WST 380 required)</p> <p>POS 485: Political Economy (SB)</p> <p>WST 380: Race Gender and Class (SB & C)</p> <p>Electives:</p> <p>FAS 332: Human Sexuality (SB)</p> <p>FAS 370: Family Ethnic and Cultural Diversity (SB & C)</p> <p>POS 439: Minority Group Politics in America (SB & C)</p> <p>SOC 315: Courtship and Marriage (SB)</p> <p>SOC 352: Social Change (SB & G & H)</p> <p>SOC 415: The Family (SB)</p> <p>SOC 420: Sociology of Religion (L or SB)</p> <p>SOC 421: Education and Society (SB)</p> <p>STS 306: Social Effects of Science and Technology (SB)</p> <p>STS 328: Science Technology and Culture (SB)</p> <p>WST 300: Women and Gender in Contemporary Society (SB & C)</p> |
| <p>Globalization and International Political Economy (ISS 482 and POS 485 required)</p> <p>ISS 482: Globalization and International Political Economy</p> <p>POS 485: Political Economy (SB)</p> <p>Electives:</p> <p>ISS 450: Consumerism and Sustainable Development (SB)</p> <p>POS 350: Comparative Politics (SB & G)</p> <p>POS 360: World Politics (SB & G)</p> <p>POS 361: American Foreign Policy (SB & G)</p> <p>POS 467: International Security (SB & G)</p> <p>STS 317: Science Technology and Global Engagement (SB & G)</p> | <p>Governance Leadership and Public Policy (POS 310 and POS 485 required)</p> <p>POS 310: American National Government (SB)</p> <p>POS 485: Political Economy (SB)</p> <p>Electives:</p> <p>ISS 410: Integrative Leadership Studies (SB)</p> <p>POS 316: American Political Institutions</p> <p>POS 325: Public Policy Development (SB)</p> <p>POS 339: Grassroots Social Movements (SB)</p> <p>POS 346: Problems of Democracy (HU)</p> <p>POS 360: World Politics (SB & G)</p> <p>POS 364: National Security Intelligence and Terrorism (SB)</p> | <p>Science Technology and Society (STS 304 required)</p> <p>STS 304: Science Technology and Society (SB)</p> <p>Electives:</p> <p>STS 302: Philosophy of Science and Technology (SB)</p> <p>STS 303: History of Science and Technology (H)</p> <p>STS 305: Science and Social Theory (SB)</p> <p>STS 306: Social Effects of Science and Technology (SB)</p> <p>STS 317: Science Technology and Global Engagement (SB & G)</p> <p>STS 318: Science Technology and Government (SB)</p> |

| | | |
|--|--|--|
| STS 329: Technology in Developing Countries (SB & G) | POS 370: Law and Society (SB) | STS 325: Science Technology and Public Policy (SB) |
| STS 330: Information Technology and Globalization (SB & G) | POS 426: Elements of Public Policy (SB) | STS 328: Science Technology and Culture (SB) |
| STS 332: Global Issues in Science and Technology (SB) | STS 325: Science Technology and Public Policy (SB) | STS 329: Technology in Developing Countries (SB & G) |
| | STS 364: Science Technology and National Security (SB) | STS 330: Information Technology and Globalization (SB & G) |
| | STS 425: Law Values Science and Technology (SB) | STS 331: Ethical Issues in Science and Technology (SB) |
| | | STS 332: Global Issues in Science and Technology (SB) |
| | | STS 364: Science Technology and National Security (SB) |
| | | STS 425: Law Values Science and Technology (SB) |

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.











2020 - 2021 Major Map

Interdisciplinary Studies, BA

School/College: College of Integrative Sciences and Arts

Location: Downtown Phoenix campus, Polytechnic campus, Tempe campus

LSBISBIS

| Term 1 0 - 13 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses • ASU 101 or college specific equivalent First Year Seminar required of all first-year students • Mathematics Placement Assessment score determines placement in mathematics course • Select your career interest communities and play me3@ASU. |
| ASU 101-CLS: The ASU Experience | 1 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Social-Behavioral Sciences (SB) (IDS 201 recommended) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 13 | | |
| | | | |
| Term 2 13 - 29 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
| ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • Join a student club or professional organization. |
| Mathematics (MA) (MAT 142 recommended) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| <i>Complete 2 courses:</i> Elective | 6 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |
| | | | |
| Term 3 29 - 44 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | <ul style="list-style-type: none"> • Recommended Elective: IDS 140 The Nature of Knowledge Systems. • Choose IDS concentration areas in collaboration with an IDS academic advisor. Available offerings are found here. • Secure a part-time job or volunteer experience. |
| Global Awareness (G) | 3 | | |
| Historical Awareness (H) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 3 | | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 15 | | |
| Term 4 44 - 60 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  Concentration #1 Course | 3 | C | |
|  Concentration #2 Course | 3 | C | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 16 | | |
| | | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ Concentration #1 Course | 3 | C | <ul style="list-style-type: none"> Build your professional connections -- join the ASU Mentor Network |
| ★ Concentration #2 Course | 3 | C | |
| ★ IDS 301: Becoming Interdisciplinary OR IDS 201: Intellectual Fusion (SB) | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ Upper Division Integrative Context Course | 3 | C | <ul style="list-style-type: none"> Use Handshake to research employment opportunities. |
| Upper Division Concentration #1 Course | 3 | C | |
| Upper Division Concentration #2 Course | 3 | C | |
| Complete 2 courses: Upper Division Elective | 6 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ IDS 302: Integration Skills | 3 | C | <ul style="list-style-type: none"> Begin exploring IDS 401 Experiential Learning opportunities. Email CISA@asu.edu to begin the process. Gather professional references. Apply for full-time career opportunities. |
| Upper Division Concentration #1 Course | 3 | C | |
| Upper Division Concentration #2 Course | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) Humanities, Arts and Design (HU) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ IDS 401: Integration: Experiential Learning | 3 | C | |
| Upper Division Concentration #1 Course | 3 | C | |
| Upper Division Concentration #2 Course | 3 | C | |
| Upper Division Integrative Context Course | 3 | C | |
| Integrative Application Course | 3 | C | |
| Term hours subtotal: | 15 | | |

Hide Course List(s)/Track Group(s)

| | |
|--|---|
| Integrative Context Course | Integrative Application Course |
| IDS 310: Integration: Cultural Contexts (C) | IDS 140: The Nature of Knowledge Systems |
| IDS 311: Integration: Global Contexts (SB & G) | IDS 302: Integration Skills |
| IDS 312: Integrative Perspectives on Change | IDS 310: Integration: Cultural Contexts (C) |

| | |
|---|---|
| IDS 313: Integrative Perspectives on a Changing World | IDS 311: Integration: Global Contexts (SB & G) |
| IDS 314: Integrative Perspectives on Cultural Dynamics (SB) | IDS 312: Integrative Perspectives on Change |
| IDS 315: Integration: Social Contexts (SB) | IDS 313: Integrative Perspectives on a Changing World |
| IDS 316: Integration: Humanities Contexts (HU) | IDS 314: Integrative Perspectives on Cultural Dynamics (SB) |
| | IDS 315: Integration: Social Contexts (SB) |
| | IDS 316: Integration: Humanities Contexts (HU) |
| | IDS 484: Internship |

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.

2020 - 2021 Major Map

Interdisciplinary Studies, BA




School/College: [College of Integrative Sciences and Arts](#)




Location: [Online](#)



LSBISBIS

FT Fast Track Options: 3 Year



A student must speak with an advisor in order to be added to a fast track plan.

| Term 1 - A 0 - 7 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • Completion of ASU 10 or ASU 11 or ASU 42 is highly recommended prior to beginning your first session of classes at ASU. • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Select your career interest communities and play me3@ASU. |
| ASU 101-CLS: The ASU Experience | 1 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 7 | | |














| Term 1 - B 7 - 13 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • View ASU Online first-time first-year registration information here. |
| Social-Behavioral Sciences (SB) (IDS 201 recommended) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 2 - A 13 - 19 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  Mathematics (MA) (MAT 142 recommended) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 2 - B 19 - 26 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| Computer/Statistics/Quantitative Applications (CS) | 3 | | <ul style="list-style-type: none"> • Secure a part-time job or volunteer experience. |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 7 | | |

| Term 3 - A 26 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  Concentration #1 Course | 3 | C | <ul style="list-style-type: none"> • Recommended Elective: IDS 140 The Nature of Knowledge Systems. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

- Choose IDS concentration areas in collaboration with an **IDS academic advisor**. Available offerings are found [here](#).

| Term 3 - B 32 - 39 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|----------------|--|
|  Concentration #2 Course | 3 | C | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 7 | | |
| Term 4 - A 39 - 45 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  Concentration #1 Course | 3 | C | |
| Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 6 | | |
| Term 4 - B 45 - 51 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  Concentration #2 Course | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 6 | | |
| Term 5 - A 51 - 57 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|  IDS 301: Becoming Interdisciplinary OR IDS 201: Intellectual Fusion (SB) | 3 | C | • Build your professional connections -- join the ASU Mentor Network |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 6 | | |
| Term 5 - B 57 - 63 Credit Hours | Hours | Minimum Grade | Notes |
| Global Awareness (G) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 6 | | |
| Term 6 - A 63 - 69 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|  IDS 302: Integration Skills | 3 | C | • Use Handshake to research employment opportunities . |
| Upper Division Concentration #1 Course | 3 | C | |
| Term hours subtotal: | 6 | | |
| Term 6 - B 69 - 75 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
| Upper Division Concentration #1 Course | 3 | C | |
|  Upper Division Concentration #2 Course | 3 | C | |
|  Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 6 | | |
| | | Minimum | |

| Term 7 - A 75 - 81 Credit Hours Necessary course signified by ★ | Hours | Grade | Notes |
|---|-------|-------|-------|
| ★ Upper Division Concentration #1 Course | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 81 - 87 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ Upper Division Concentration #2 Course | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | <ul style="list-style-type: none"> • Gather professional references. • Apply for full-time career opportunities. |

| Term 8 - A 87 - 93 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 93 - 99 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ Upper Division Concentration #2 Course | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | <ul style="list-style-type: none"> • Begin exploring IDS 401 Experiential Learning opportunities. Email CISA@asu.edu to begin the process. |

| Term 9 - A 99 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ Integrative Context Course | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - B 105 - 111 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ IDS 401: Integration: Experiential Learning | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 10 - A 111 - 117 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ Integrative Context Course | 3 | C | |
| Upper Division Integrative Application Course | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 10 - B 117 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ Upper Division Elective | 3 | | |
| Term hours subtotal: | 3 | | |

Hide Course List(s)/Track Group(s)

Integrative Context Course

Integrative Application Course
Academic Catalog Archive 2020-2021

| | |
|---|---|
| IDS 310: Integration: Cultural Contexts (C) | IDS 140: The Nature of Knowledge Systems |
| IDS 311: Integration: Global Contexts (SB & G) | IDS 302: Integration Skills |
| IDS 312: Integrative Perspectives on Change | IDS 310: Integration: Cultural Contexts (C) |
| IDS 313: Integrative Perspectives on a Changing World | IDS 311: Integration: Global Contexts (SB & G) |
| IDS 314: Integrative Perspectives on Cultural Dynamics (SB) | IDS 312: Integrative Perspectives on Change |
| IDS 315: Integration: Social Contexts (SB) | IDS 313: Integrative Perspectives on a Changing World |
| IDS 316: Integration: Humanities Contexts (HU) | IDS 314: Integrative Perspectives on Cultural Dynamics (SB) |
| | IDS 315: Integration: Social Contexts (SB) |
| | IDS 316: Integration: Humanities Contexts (HU) |
| | IDS 484: Internship |

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map





Interdisciplinary Studies (Organizational Studies), BA

School/College: [College of Integrative Sciences and Arts](#)



Location: [Online](#)



LSORGBIS

| Term 1 - A 0 - 7 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • Completion of ASU 10 or ASU 11 or ASU 42 is highly recommended prior to beginning your first session of classes at ASU. • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Select your career interest communities and play me3@ASU. |
| ASU 101-CLS: The ASU Experience | 1 | | |
| Elective | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 13 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • View ASU Online first-time first-year registration information here. |
|  Mathematics (MA) (MAT 142 recommended) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 2 - A 13 - 19 Credit Hours | Hours | Minimum Grade | Notes |
|----------------------------------|-------|---------------|-------|
| Humanities, Arts and Design (HU) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 2 - B 19 - 25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Global Awareness (G) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 3 - A 25 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  Natural Science - Quantitative (SQ) | 4 | | <ul style="list-style-type: none"> • Recommended Elective: IDS 201 Intellectual Fusion. • Secure a part-time job or volunteer experience. |
| Elective | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 3 - B 32 - 38 Credit Hours | Hours | Minimum Grade | Notes |
|---------------------------------|-------|---------------|-------|
|---------------------------------|-------|---------------|-------|

| | |
|--|---|
| Historical Awareness (H) | 3 |
| Elective | 3 |
| Complete Mathematics (MA) requirement. | |
| Term hours subtotal: | 6 |

| Term 4 - A 38 - 44 Credit Hours | Hours | Minimum Grade | Notes |
|---------------------------------|-------|---------------|-------|
| Complete 2 courses: | | | |
| Elective | 6 | | |
| Term hours subtotal: | 6 | | |

| Term 4 - B 44 - 51 Credit Hours Critical course signified by 🚩 | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| 🚩 Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 5 - A 51 - 57 Credit Hours Necessary course signified by ⭐ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ⭐ IDS 300: Theories and Applications of Organizational Studies (L or SB) | 3 | C | • Build your professional connections -- join the ASU Mentor Network |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - B 57 - 63 Credit Hours Necessary course signified by ⭐ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ⭐ OGL 340: Special Topics | 3 | C | |
| ⭐ OGL 343: Social Processes in Organizations (SB) | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 6 - A 63 - 69 Credit Hours Necessary course signified by ⭐ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ⭐ OGL 340: Special Topics | 3 | C | • Use Handshake to research employment opportunities . |
| ⭐ OGL 365: Organizational Contexts (SB) | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 69 - 75 Credit Hours Necessary course signified by ⭐ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ⭐ OGL 345: Organizational Ethics (HU) | 3 | C | |
| IDS 201: Intellectual Fusion (SB) OR IDS 301: Becoming Interdisciplinary | 3 | C | |
| ⭐ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 7 - A 75 - 81 Credit Hours Necessary course signified by ⭐ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ⭐ IDS 302: Integration Skills | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| | | Minimum | |
|--|--|---------|--|
|--|--|---------|--|

| Term 7 - B 81 - 87 Credit Hours Necessary course signified by ★ | Hours | Grade | Notes |
|--|-------|-------|--|
| ★ OGL 365: Organizational Contexts (SB) | 3 | C | <ul style="list-style-type: none"> • Gather professional references. • Apply for full-time career opportunities. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 87 - 93 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| OGL 355: Leading Organizational Innovation and Change | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 93 - 99 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ OGL 350: Diversity and Organizations (L & C) | 3 | C | <ul style="list-style-type: none"> • Begin exploring IDS 401 Integrative Experiential Learning opportunities. Email CISA@asu.edu to begin the process. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - A 99 - 105 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| OGL 360: Assessment of Leadership Effectiveness | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - B 105 - 111 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ IDS 401: Integration: Experiential Learning | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 10 - A 111 - 117 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ OGL 357: Assessment in Organizations | 3 | C | |
| ★ Upper Division Integrative Context Course | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 10 - B 117 - 120 Credit Hours | Hours | Minimum Grade | Notes |
|------------------------------------|-------|---------------|-------|
| Elective | 3 | | |
| Term hours subtotal: | 3 | | |

Hide Course List(s)/Track Group(s)

- Integrative Context Courses
- IDS 310: Integration: Cultural Contexts (C)
- IDS 311: Integration: Global Contexts (SB & G)
- IDS 312: Integrative Perspectives on Change

IDS 313: Integrative Perspectives on a Changing World

IDS 314: Integrative Perspectives on Cultural Dynamics (SB)

IDS 315: Integration: Social Contexts (SB)

IDS 316: Integration: Humanities Contexts (HU)

IDS 484: Internship

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.












2020 - 2021 Major Map

Liberal Studies, BA

School/College: College of Integrative Sciences and Arts

Location: Polytechnic campus, ASU@The Gila Valley

LABLSBLS

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Select your career interest communities and play me3@ASU. |
| ASU 101-CLS: The ASU Experience | 1 | | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Mathematics (MA) (MAT 142 recommended) | 3 | | |
| Complete 2 courses: | 6 | | |
| Elective | | | |
| Term hours subtotal: | 16 | | |
| Term 2 16 - 29 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
| ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • Join a student club or professional organization. |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete 2 courses: | 6 | | |
| Elective | | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 13 | | |
| Term 3 29 - 44 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  Complete Mathematics (MA) requirement. | | | <ul style="list-style-type: none"> • Secure a part-time job or volunteer experience. |
| Global Awareness (G) | 3 | | |
| Historical Awareness (H) | 3 | | |
| Complete 3 courses: | 9 | | |
| Elective | | | |
| Term hours subtotal: | 15 | | |
| Term 4 44 - 60 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Complete 3 courses: | 9 | | |
| Elective | | | |
| Term hours subtotal: | 16 | | |
| Term 5 60 - 75 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|  LST 370: Dimensions of Liberal Studies (L or HU) | 3 | C | |

| | | |
|---|----|---|
| ★ Upper Division Humanities, Arts and Design (HU) | 3 | C |
| ★ Upper Division Social-Behavioral Sciences (SB) | 3 | C |
| Complete 2 courses: | | |
| Elective | 6 | |
| Term hours subtotal: | 15 | |

- Build your professional connections -- join the [ASU Mentor Network](#)

| Term 6 75 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ Upper Division Humanities, Arts and Design (HU) | 3 | C | <ul style="list-style-type: none"> • Use Handshake to research employment opportunities. |
| ★ Upper Division Social-Behavioral Sciences (SB) | 3 | C | |
| Upper Division Elective | 3 | | |
| Complete 2 courses: | | | |
| Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ LST 470: Liberal Studies Seminar (L or HU) | 3 | C | <ul style="list-style-type: none"> • Gather professional references. • Apply for full-time career opportunities. |
| ★ Upper Division Humanities, Arts and Design (HU) | 3 | C | |
| ★ Upper Division Social-Behavioral Sciences (SB) | 3 | C | |
| Upper Division Elective OR LST 484: Internship | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ Upper Division Humanities, Arts and Design (HU) | 3 | C | |
| ★ Upper Division Social-Behavioral Sciences (SB) | 3 | C | |
| Complete 3 courses: | | | |
| Upper Division Elective | 9 | | |
| Term hours subtotal: | 15 | | |

[Hide Course List\(s\)/Track Group\(s\)](#)

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map




Liberal Studies, BA



School/College: [College of Integrative Sciences and Arts](#)

Location: [Online](#)

LABSBLS

| Term 1 - A 0 - 7 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • Completion of ASU 10 or ASU 11 or ASU 42 is highly recommended prior to beginning your first session of classes at ASU. • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Select your career interest communities and play me3@ASU. |
| ASU 101-CLS: The ASU Experience | 1 | | |
| Elective | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 13 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • View ASU Online first-year student registration information here. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 2 - A 13 - 19 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  Mathematics (MA) (MAT 142 recommended) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 2 - B 19 - 25 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| Global Awareness (G) | 3 | | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 3 - A 25 - 32 Credit Hours | Hours | Minimum Grade | Notes |
|-------------------------------------|-------|---------------|---|
| Natural Science - Quantitative (SQ) | 4 | | <ul style="list-style-type: none"> • Secure a part-time job or volunteer experience. |
| Elective | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 3 - B 32 - 38 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| Historical Awareness (H) | 3 | | |

| | |
|--|---|
| Elective | 3 |
| | |
| 🚩 Complete Mathematics (MA) requirement. | |
| | |
| Term hours subtotal: | 6 |

| Term 4 - A 38 - 45 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| | | | |
| Term hours subtotal: | 7 | | |

| Term 4 - B 45 - 51 Credit Hours Critical course signified by 🚩 | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| 🚩 Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| | | | |
| Term hours subtotal: | 6 | | |

| Term 5 - A 51 - 57 Credit Hours | Hours | Minimum Grade | Notes |
|---------------------------------|-------|---------------|-------|
| Complete 2 courses: | | | |
| Elective | 6 | | |
| | | | |
| Term hours subtotal: | 6 | | |

| Term 5 - B 57 - 63 Credit Hours Necessary course signified by ⭐ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ⭐ LST 370: Dimensions of Liberal Studies (L or HU) | 3 | C | • Build your professional connections -- join the ASU Mentor Network |
| ⭐ Upper Division Humanities, Arts and Design (HU) | 3 | C | |
| | | | |
| Term hours subtotal: | 6 | | |

| Term 6 - A 63 - 69 Credit Hours Necessary course signified by ⭐ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ⭐ Upper Division Humanities, Arts and Design (HU) | 3 | C | |
| ⭐ Upper Division Social-Behavioral Sciences (SB) | 3 | C | |
| | | | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 69 - 75 Credit Hours Necessary course signified by ⭐ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ⭐ Upper Division Social-Behavioral Sciences (SB) | 3 | C | • Use Handshake to research employment opportunities . |
| Upper Division Elective | 3 | | |
| ⭐ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| | | | |
| Term hours subtotal: | 6 | | |

| Term 7 - A 75 - 81 Credit Hours Necessary course signified by ⭐ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ⭐ Upper Division Humanities, Arts and Design (HU) | 3 | C | |
| Elective | 3 | | |
| | | | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 81 - 87 Credit Hours Necessary course signified by ⭐ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ⭐ Upper Division Humanities, Arts and Design (HU) | 3 | C | |

| | | |
|--|---|---|
| ★ Upper Division Social-Behavioral Sciences (SB) | 3 | C |
| Term hours subtotal: | 6 | |

| Term 8 - A 87 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|--|---|---|
| ★ Upper Division Social-Behavioral Sciences (SB) | 3 | C |
| Elective | 3 | |
| Term hours subtotal: | 6 | |

| Term 8 - B 93 - 99 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | | |
|---------------------------|---|--|--|
| ★ Upper Division Elective | 3 | | <ul style="list-style-type: none"> • Gather professional references. • Apply for full-time career opportunities. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - A 99 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | |
|---------------------------|---|--|
| ★ Upper Division Elective | 3 | |
| Elective | 3 | |
| Term hours subtotal: | 6 | |

| Term 9 - B 105 - 111 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|--|---|---|
| ★ LST 470: Liberal Studies Seminar (L or HU) | 3 | C |
| Elective | 3 | |
| Term hours subtotal: | 6 | |

| Term 10 - A 111 - 117 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | |
|--|---|--|
| ★ Complete 2 courses: Upper Division Elective | 6 | |
| Term hours subtotal: | 6 | |

| Term 10 - B 117 - 120 Credit Hours | Hours | Minimum Grade | Notes |
|------------------------------------|-------|---------------|-------|
|------------------------------------|-------|---------------|-------|

| | | |
|----------------------|---|--|
| Elective | 3 | |
| Term hours subtotal: | 3 | |

Hide Course List(s)/Track Group(s)

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition














General Studies designations listed on the major map are current for the 2020 - 2021 academic year.

2020 - 2021 Major Map

Organizational Leadership, BA

School/College: [College of Integrative Sciences and Arts](#)

Location: [Polytechnic campus](#), [ASU@Cochise](#), [ASU@Lake Havasu](#), [ASU@Pima](#), [ASU@Pinal](#), [ASU@The Gila Valley](#), [ASU@Yuma](#), [ASU@Yavapai](#)
LSORGLBA

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Select your career interest communities and play me3@ASU. |
|  Mathematics (MA) | 3 | | |
| ASU 101-CLS: The ASU Experience | 1 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Complete 2 courses: Elective | 6 | | |
| Term hours subtotal: | 16 | | |
| Term 2 16 - 29 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • Join a student club or professional organization. |
| Global Awareness (G) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 13 | | |
| Term 3 29 - 44 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  OGL 200: Introduction to Organizational Leadership (SB) | 3 | C | <ul style="list-style-type: none"> • Secure a part-time job or volunteer experience. |
|  OGL 220: Behavioral Dynamics in Organizations (SB) | 3 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Historical Awareness (H) | 3 | | |
| Elective | 3 | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 15 | | |
| Term 4 44 - 60 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  OGL 260: Resource Allocation in Organizations | 3 | C | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Complete 3 courses: Elective | 9 | | |
| Term hours subtotal: | 16 | | |
| Term 5 60 - 75 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |

| | | |
|---|----|---|
| ★ OGL 300: Theory and Practice of Leadership | 3 | C |
| ★ OGL 343: Social Processes in Organizations (SB) | 3 | C |
| OGL 320: Foundations of Project Management | 3 | C |
| OGL 340: Special Topics | 3 | C |
| OGL 365: Special Topics | 3 | C |
| Term hours subtotal: | 15 | |

- Build your professional connections --- join the [ASU Mentor Network](#)

| Term 6 75 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ OGL 345: Organizational Ethics (HU) | 3 | C | <ul style="list-style-type: none"> • Use Handshake to research employment opportunities. • Consider additional OGL 340 Topics courses to fill elective credits (beyond the six required credits). |
| ★ OGL 350: Diversity and Organizations (L & C) | 3 | C | |
| ★ OGL 355: Leading Organizational Innovation and Change | 3 | C | |
| OGL 340: Special Topics | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ OGL 481: Organizational Leadership Pro-Seminar I | 3 | C | <ul style="list-style-type: none"> • Gather professional references. • Apply for full-time career opportunities. • Any any upper division OGL course will satisfy the OGL upper division elective requirement. • Students may take no more than 3 credit hours of OGL 484. |
| OGL 357: Assessment in Organizations OR OGL 360: Assessment of Leadership Effectiveness | 3 | C | |
| OGL 365: Special Topics | 3 | C | |
| OGL Upper Division Elective | 3 | C | |
| Elective OR OGL 484: Internship | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ OGL 482: Organizational Leadership Pro-Seminar II (L) | 3 | C | <ul style="list-style-type: none"> • Any any upper division OGL course will satisfy the OGL upper division elective requirement. |
| OGL Upper Division Elective | 3 | C | |
| Complete 3 courses: Elective | 9 | | |
| Term hours subtotal: | 15 | | |

Hide Course List(s)/Track Group(s)

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.

2020 - 2021 Major Map

Organizational Leadership, BA




School/College: [College of Integrative Sciences and Arts](#)




Location: [Online](#)



LSORGLBA



FT Fast Track Options: 3 Year



A student must speak with an advisor in order to be added to a fast track plan.















| Term 1 - A 0 - 7 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • Completion of ASU 10 or ASU 11 or ASU 42 is highly recommended prior to beginning your first session of classes at ASU. • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Select your career interest communities and play me3@ASU. |
| ASU 101-CLS: The ASU Experience | 1 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 13 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • View ASU Online first-year student registration information here. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 2 - A 13 - 19 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  Mathematics (MA) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 2 - B 19 - 25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  OGL 200: Introduction to Organizational Leadership (SB) | 3 | C | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 3 - A 25 - 31 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  OGL 220: Behavioral Dynamics in Organizations (SB) | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 3 - B 31 - 38 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  Natural Science - Quantitative (SQ) | 4 | | <ul style="list-style-type: none"> Secure a part-time job or volunteer experience. |
| Elective | 3 | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 7 | | |
| Term 4 - A 38 - 44 Credit Hours | Hours | Minimum Grade | Notes |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |
| Term 4 - B 44 - 50 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  OGL 260: Resource Allocation in Organizations | 3 | C | |
| Global Awareness (G) | 3 | | |
| Term hours subtotal: | 6 | | |
| Term 5 - A 50 - 57 Credit Hours | Hours | Minimum Grade | Notes |
| Historical Awareness (H) | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 7 | | |
| Term 5 - B 57 - 63 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|  OGL 300: Theory and Practice of Leadership | 3 | C | <ul style="list-style-type: none"> Consider OGL 340 Special Topics courses for upper division electives (beyond the six credits required). |
| OGL 340: Special Topics | 3 | C | |
| Term hours subtotal: | 6 | | |
| Term 6 - A 63 - 69 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|  OGL 340: Special Topics | 3 | C | <ul style="list-style-type: none"> Build your professional connections -- join the ASU Mentor Network |
|  OGL 343: Social Processes in Organizations (SB) | 3 | C | |
| Term hours subtotal: | 6 | | |
| Term 6 - B 69 - 75 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|  OGL 345: Organizational Ethics (HU) | 3 | C | |
| OGL 320: Foundations of Project Management | 3 | C | |
|  Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 6 | | |
| Term 7 - A 75 - 81 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|  OGL 350: Diversity and Organizations (L & C) | 3 | C | <ul style="list-style-type: none"> Any any upper division OGL course will satisfy the OGL upper division elective requirement. |
| OGL Upper Division Elective | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 81 - 87 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ OGL 355: Leading Organizational Innovation and Change | 3 | C | • Use Handshake to research employment opportunities . |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 87 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ OGL 365: Special Topics | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 93 - 99 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| OGL 357: Assessment in Organizations or OGL 360: Assessment of Leadership Effectiveness | 3 | C | • Gather professional references . • Apply for full-time career opportunities . |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - A 99 - 105 Credit Hours | Hours | Minimum Grade | Notes |
|----------------------------------|-------|---------------|---|
| OGL Upper Division Elective | 3 | C | • Any any upper division OGL course will satisfy the OGL upper division elective requirement. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - B 105 - 111 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ OGL 365: Special Topics | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 10 - A 111 - 117 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ OGL 481: Organizational Leadership Pro-Seminar I | 3 | C | |
| Upper Division Elective OR OGL 484: Internship | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 10 - B 117 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ OGL 482: Organizational Leadership Pro-Seminar II (L) | 3 | C | |
| Term hours subtotal: | 3 | | |

Hide Course List(s)/Track Group(s)

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum

General University Requirements Legend

General Studies Core Requirements:
• Literacy and Critical Inquiry (L)
• Mathematical Studies (MA)

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition














General Studies designations listed on the major map are current for the 2020 - 2021 academic year.

2020 - 2021 Major Map

Organizational Leadership (Project Management), BA

School/College: [College of Integrative Sciences and Arts](#)

Location: [Polytechnic campus](#), [Tempe campus](#), [ASU@Cochise](#), [ASU@Pima](#), [ASU@Pinal](#), [ASU@The Gila Valley](#), [ASU@Yavapai](#)
LSORGLP MBA

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year student. • Select your career interest communities and play me3@ASU. |
|  Mathematics (MA) | 3 | | |
| ASU 101-CLS: The ASU Experience | 1 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Complete 2 courses: Elective | 6 | | |
| Term hours subtotal: | 16 | | |
| Term 2 16 - 29 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • Join a student club or professional organization. |
| Global Awareness (G) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 13 | | |
| Term 3 29 - 44 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  OGL 200: Introduction to Organizational Leadership (SB) | 3 | C | <ul style="list-style-type: none"> • Secure a part-time job or volunteer experience. |
|  OGL 220: Behavioral Dynamics in Organizations (SB) | 3 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Elective | 3 | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 15 | | |
| Term 4 44 - 60 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Complete 3 courses: Elective | 9 | | |
| Term hours subtotal: | 16 | | |
| Term 5 60 - 75 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |

| | | |
|--|----|---|
| ★ OGL 300: Theory and Practice of Leadership | 3 | C |
| ★ OGL 345: Organizational Ethics (HU) | 3 | C |
| OGL 320: Foundations of Project Management | 3 | C |
| OGL 340: Special Topics | 3 | C |
| OGL 343: Social Processes in Organizations (SB) OR OGL 355: Leading Organizational Innovation and Change | 3 | C |
| Term hours subtotal: | 15 | |

- Build your professional connections -- join the [ASU Mentor Network](#)

| Term 6 75 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|--|----|---|
| ★ OGL 350: Diversity and Organizations (L & C) | 3 | C |
| OGL 321: Project Leadership, Strategy and Scope | 3 | C |
| OGL 322: Project Time Management | 3 | C |
| OGL 323: Project Cost Management | 3 | C |
| OGL 324: Resources in Project Management | 3 | C |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |
| Term hours subtotal: | 15 | |

- Use Handshake to research [employment opportunities](#).

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | |
|---|----|---|
| ★ OGL 326: Project Procurement Management | 3 | C |
| OGL 357: Assessment in Organizations OR OGL 360: Assessment of Leadership Effectiveness | 3 | C |
| OGL 421: Project Risk Management | 3 | C |
| OGL 422: Project Quality Management | 3 | C |
| Elective OR OGL 484: Internship | 3 | |
| Term hours subtotal: | 15 | |

- Gather [professional references](#).
- Apply for [full-time career opportunities](#).
- Consider additional OGL 340 topics courses to fill elective credits (beyond the six required credits).

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|--|----|---|
| ★ OGL 481: Organizational Leadership Pro-Seminar I | 3 | C |
| OGL 340: Special Topics | 3 | C |
| Complete 3 courses: Elective | 9 | |
| Term hours subtotal: | 15 | |

- Consider additional OGL 340 topics courses to fill elective credits (beyond the six required credits).

[Hide Course List\(s\)/Track Group\(s\)](#)

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)

- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map




Organizational Leadership (Project Management), BA



School/College: [College of Integrative Sciences and Arts](#)



Location: [Online](#)



LSORGLPMBA



| Term 1 - A 0 - 7 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • Completion of ASU 10 or ASU 11 or ASU 42 is highly recommended prior to beginning your first session of classes at ASU. • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Select your career interest communities and play me3@ASU. |
| ASU 101-UC: The ASU Experience | 1 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 13 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • View ASU Online first-year student registration information here. |
| Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 2 - A 13 - 19 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  Mathematics (MA) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |



| Term 2 - B 19 - 25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  OGL 200: Introduction to Organizational Leadership (SB) | 3 | C | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 3 - A 25 - 31 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  OGL 220: Behavioral Dynamics in Organizations (SB) | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 3 - B 31 - 38 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  Natural Science - Quantitative (SQ) | 4 | | |




| | |
|--|---|
| Elective | 3 |
| Complete Mathematics (MA) requirement. | |
| Term hours subtotal: | 7 |

- Secure a part-time job or volunteer experience.

| Term 4 - A 38 - 44 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 4 - B 44 - 50 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| Global Awareness (G) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - A 50 - 57 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| OGL 320: Foundations of Project Management | 3 | C | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 7 | | |



| Term 5 - B 57 - 63 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|  OGL 300: Theory and Practice of Leadership | 3 | C | |
|  OGL 321: Project Leadership, Strategy and Scope | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 6 - A 63 - 69 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|  OGL 340: Special Topics | 3 | C | |
| OGL 322: Project Time Management | 3 | C | |
| Term hours subtotal: | 6 | | |

- Build your professional connections -- join the ASU Mentor Network

| Term 6 - B 69 - 75 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|  OGL 340: Special Topics | 3 | C | |
|  OGL 345: Organizational Ethics (HU) | 3 | C | |
|  Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 7 - A 75 - 81 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| OGL 323: Project Cost Management | 3 | C | |
| OGL 324: Resources in Project Management | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 81 - 87 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|  OGL 350: Diversity and Organizations (L & C) | 3 | C | |

..... OGL 326: Project Procurement Management 3 C

Term hours subtotal: 6

- Use Handshake to research employment opportunities.

| Term 8 - A 87 - 93 Credit Hours | Hours | Minimum Grade | Notes |
|----------------------------------|-------|---------------|---|
| OGL 421: Project Risk Management | 3 | C | • Consider OGL 340 Special Topics courses for upper-division electives (beyond the six credits required). |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 93 - 99 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ OGL 422: Project Quality Management | 3 | C | • Gather professional references. • Apply for full-time career opportunities. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - A 99 - 105 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| OGL 343: Social Processes in Organizations (SB) OR OGL 355: Leading Organizational Innovation and Change | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - B 105 - 111 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ OGL 357: Assessment in Organizations OR OGL 360: Assessment of Leadership Effectiveness | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 10 - A 111 - 117 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ OGL 481: Organizational Leadership Pro-Seminar I | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 10 - B 117 - 120 Credit Hours | Hours | Minimum Grade | Notes |
|------------------------------------|-------|---------------|-------|
| Elective OR OGL 484: Internship | 3 | C | |
| Term hours subtotal: | 3 | | |

Hide Course List(s)/Track Group(s)

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

- General Studies Core Requirements:
- Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - Computer/Statistics/Quantitative Applications (CS)
 - Humanities, Arts and Design (HU)
 - Social-Behavioral Sciences (SB)

- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.












2020 - 2021 Major Map

Political Science, BS

School/College: College of Integrative Sciences and Arts

Location: Polytechnic campus

LSPOLBS

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  POS 110: American Government and Politics (SB) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Select your career interest communities and play me3@ASU. |
| ASU 101-CLS: The ASU Experience | 1 | C | |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| Related Area Course | 3 | C | |
| Mathematics (MA) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 16 | | |
| Term 2 16 - 31 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  POS 150: Comparative Government (SB & G) OR POS 160: Global Politics (SB & G) | 3 | C | <ul style="list-style-type: none"> • Related Area Courses: Any course from the subjects in the list below will apply to the Related Area requirement. • Visit the Career and Professional Development Center to identify networking opportunities and to seek career planning assistance. • Join a student club or professional organization. |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| Related Area Course | 3 | C | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |
| Term 3 31 - 47 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  POS 210: Political Ideologies (SB) | 3 | C | <ul style="list-style-type: none"> • Related Area Courses: Any course from the subjects in the list below will apply to the Related Area requirement. • The electives in this degree program allow room for students to complete a minor or certificate. • Secure a part-time job or volunteer experience. |
|  Natural Science - Quantitative (SQ) | 4 | | |
| Related Area Course | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Elective | 3 | | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |
| Term 4 47 - 63 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | <ul style="list-style-type: none"> • Attend career-related workshops and meet with a career counselor to discuss professional goals. |
| Complete 2 courses: | | | |
| POS Elective | 6 | C | |
| Historical Awareness (H) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |

Term hours subtotal: 16

| Term 5 63 - 78 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ POS 301: Empirical Political Inquiry (SB) OR ISS 301: Integrated Social Science Research Methods (SB) OR STS 301: Research in Science and Technology Studies (SB) | 3 | C | <ul style="list-style-type: none"> • Related Area Courses: Any course from the subjects in the list below will apply to the Related Area requirement. • The electives in this program allow room for students to complete a minor or certificate. • Build your professional connections --- join the ASU Mentor Network |
| POS Upper Division Elective | 3 | C | |
| Related Area Course | 3 | C | |
| Complete 2 courses: Upper Division Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ POS 401: Political Statistics (CS) OR STS 401: Statistics in Science and Technology Studies (CS) | 3 | C | <ul style="list-style-type: none"> • Use Handshake to research employment opportunities. |
| Complete 2 courses: POS Upper Division Elective | 6 | C | |
| Complete 2 courses: Upper Division Elective | 6 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ POS Upper Division Elective | 3 | C | <ul style="list-style-type: none"> • Gather professional references. • Apply for full-time career opportunities. |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Complete 2 courses: Upper Division Elective | 6 | | |
| Term hours subtotal: | 12 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ POS Upper Division Elective | 3 | C | |
| Upper Division Elective OR POS 484: Internship | 3 | | |
| Complete 3 courses: Elective | 9 | | |
| Term hours subtotal: | 15 | | |

Hide Course List(s)/Track Group(s)

Related Area Courses

AES OR AFR OR AIS OR APA OR ASB OR
 ASM OR COM OR ECN OR FAS OR GCU
 OR GPH OR HST OR ISS OR JUS OR MIS
 OR PHI OR PSY OR REL OR SGS OR SOC
 OR STS OR TCL OR WST Elective

Notes:

-

- Students must complete a minimum of 12 credit hours of POS courses offered by the College of Integrative Sciences and Arts.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map





Psychology, BA



School/College: College of Integrative Sciences and Arts



Location: Polytechnic campus

LSPGSBA

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  MAT 119: Finite Mathematics (MA) OR MAT 170: Precalculus (MA) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Select your career interest communities and play me3@ASU. |
|  PSY 101: Introduction to Psychology (SB) | 3 | C | |
| ASU 101-CLS: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ACO 100: All About Data: Design, Query, and Visualization (CS) OR  CIS 105: Computer Applications and Information Technology (CS) OR CSE 180: Computer Literacy (CS) OR EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) | 3 | C | <ul style="list-style-type: none"> • Join a student club or professional organization. |
|  PSY 230: Introduction to Statistics (CS) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 48 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  PSY 290: Research Methods (L or SG) | 4 | C | <ul style="list-style-type: none"> • Secure a part-time job or volunteer experience. |
| Historical Awareness (H) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Complete 2 courses: Elective | 6 | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 48 - 63 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  Related Area Course | 3 | C | |
| Global Awareness (G) | 3 | | |
| Complete 3 courses: | | | |

| | |
|----------------------|----|
| Elective | 9 |
| Term hours subtotal: | 15 |

| Term 5 63 - 78 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| <i>Complete 2 courses:</i> | | | |
| ★ PSY 320: Learning and Motivation OR PSY 323: Sensation and Perception OR PSY 324: Memory and Cognition OR PSY 341: Developmental Psychology (SB) OR PSY 350: Social Psychology (SB) OR PSY 366: Abnormal Psychology (SB) | 6 | C | <ul style="list-style-type: none"> Build your professional connections --- join the ASU Mentor Network |
| CED 250: Career Development (L) | 3 | C | |
| Upper Division Psychology Electives | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| <i>Complete 2 courses:</i> | | | |
| ★ PSY 320: Learning and Motivation OR PSY 323: Sensation and Perception OR PSY 324: Memory and Cognition OR PSY 341: Developmental Psychology (SB) OR PSY 350: Social Psychology (SB) OR PSY 366: Abnormal Psychology (SB) | 6 | C | <ul style="list-style-type: none"> Use Handshake to research employment opportunities. |
| Related Area Course | 3 | C | |
| Upper Division Psychology Electives | 3 | C | |
| Upper Division Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| <i>Complete 2 courses:</i> | | | |
| ★ PSY 320: Learning and Motivation OR PSY 323: Sensation and Perception OR PSY 324: Memory and Cognition OR PSY 341: Developmental Psychology (SB) OR PSY 350: Social Psychology (SB) OR PSY 366: Abnormal Psychology (SB) | 6 | C | <ul style="list-style-type: none"> Gather professional references. Apply for full-time career opportunities. |
| ★ Upper Division Psychology Electives | 3 | C | |
| <i>Complete 2 courses:</i> Upper Division Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ Upper Division Psychology Electives | 3 | C | |
| Upper Division Elective OR PSY 484: Internship | 3 | | |
| <i>Complete 2 courses:</i> Elective | 6 | | |
| Term hours subtotal: | 12 | | |

- Choose 12 credits below of psychology elective credits.

Hide Course List(s)/Track Group(s)

| Psychology Upper Division Electives (12 Credit Hours) | Related Area Courses (6 Credit Hours) |
|---|---------------------------------------|
| PSY 304: Effective Thinking (L) | ASB Elective |
| PSY 306: Environmental Psychology (SB) | COM Elective |
| PSY 315: Personality Theory and Research (SB) | HSE Elective |
| PSY 325: Physiological Psychology | ISS Elective |
| PSY 330: Statistical Methods (CS) | POS Elective |
| PSY 369: Biology of Human Sexuality | SOC Elective |
| PSY 385: Psychology of Gender (SB) | |
| PSY 399: Supervised Research | |
| PSY 425: Biological Bases of Behavior (L) | |
| PSY 430: Industrial Psychology | |
| PSY 444: Adolescent Psychology and Psychopathology | |
| PSY 447: Psychology of Aging (SB) | |
| PSY 453: Organizational Behavior (SB) | |
| PSY 470: Psychopharmacology | |
| PSY 472: Clinical Psychology | |
| PSY 482: Social Influence and Consumer Behavior (SB) | |

Notes:

- Students must complete a minimum of 12 credit hours of PSY courses offered by the College of Integrative Sciences and Arts.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.






2020 - 2021 Major Map







Psychology, BS



School/College: College of Integrative Sciences and Arts



Location: Polytechnic campus

LSPGSBS

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics courses. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Select your career interest area and play me3@ASU. |
|  MAT 119: Finite Mathematics (MA) OR MAT 170: Precalculus (MA) | 3 | C | |
|  PSY 101: Introduction to Psychology (SB) | 3 | C | |
| ASU 101-CLS: The ASU Experience | 1 | | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  ACO 100: All About Data: Design, Query, and Visualization (CS) OR  CIS 105: Computer Applications and Information Technology (CS) OR CSE 180: Computer Literacy (CS) OR EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) | 3 | C | <ul style="list-style-type: none"> • Join a student club or professional organization. |
|  ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
|  PSY 230: Introduction to Statistics (CS) | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 3 31 - 46 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  PSY 290: Research Methods (L or SG) | 4 | C | <ul style="list-style-type: none"> • Psychology BS majors are required to take one Life Science lab course and one Physical Science lab course meeting SG or SQ requirements in addition to two required university general studies science courses. • Secure a part-time job or volunteer experience. |
| Life Science Lab Course - Applied Biological Science, Biology, or Microbiology | 4 | C | |
| Historical Awareness (H) | 3 | | |
| Complete 2 courses: Elective | 4 | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 15 | | |

| Term 4 46 - 62 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  Complete 2 courses: Related Area Course | 6 | C | |
| Global Awareness (G) | 3 | | |

| | |
|-------------------------------------|----|
| Natural Science - Quantitative (SQ) | 4 |
| Elective | 3 |
| Term hours subtotal: | 16 |

| Term 5 62 - 77 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| <p>Complete 2 courses:</p> PSY 320: Learning and Motivation OR PSY 323: Sensation and Perception OR PSY 324: Memory and Cognition OR PSY 330: Statistical Methods (CS) OR PSY 341: Developmental Psychology (SB) OR PSY 350: Social Psychology (SB) OR PSY 366: Abnormal Psychology (SB) | 6 | C | <ul style="list-style-type: none"> • Network in your career interest area. |
| CED 250: Career Development (L) | 3 | C | |
| Upper Division Psychology Electives | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 77 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| <p>Complete 2 courses:</p> PSY 320: Learning and Motivation OR PSY 323: Sensation and Perception OR PSY 324: Memory and Cognition OR PSY 330: Statistical Methods (CS) OR PSY 341: Developmental Psychology (SB) OR PSY 350: Social Psychology (SB) OR PSY 366: Abnormal Psychology (SB) | 6 | C | <ul style="list-style-type: none"> • Psychology BS majors are required to take one Life Science lab course and one Physical Science lab course meeting an SG or SQ requirement in addition to two required university general studies science courses. • Use Handshake to research employment opportunities. |
| Physical Science Lab Course - Astronomy - Chemistry, Geology, or Physics | 4 | C | |
| Upper Division Psychology Electives | 3 | C | |
| Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| PSY 320: Learning and Motivation OR PSY 323: Sensation and Perception OR PSY 324: Memory and Cognition OR PSY 330: Statistical Methods (CS) OR PSY 341: Developmental Psychology (SB) OR PSY 350: Social Psychology (SB) OR PSY 366: Abnormal Psychology (SB) | 3 | C | <ul style="list-style-type: none"> • Gather professional references. • Apply for full-time career opportunities. |
| ★ Complete 2 courses: Upper Division Psychology Electives | 6 | C | |
| Complete 2 courses: Upper Division Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| <p>Complete 2 courses:</p> PSY 320: Learning and Motivation OR PSY 323: Sensation and Perception OR PSY 324: Memory and Cognition OR PSY 330: Statistical Methods (CS) OR PSY 341: Developmental Psychology (SB) OR PSY 350: Social Psychology (SB) OR PSY 366: Abnormal Psychology (SB) | 6 | C | |
| ★ Upper Division Psychology Electives | 3 | C | |

Elective OR PSY 484: Internship

3

Term hours subtotal: 12

Hide Course List(s)/Track Group(s)

| Upper Division Psychology Electives (15 Credits) | Related Area Courses (6 Credit Hours) |
|--|---------------------------------------|
| PSY 304: Effective Thinking (L) | ASB Elective |
| PSY 306: Environmental Psychology (SB) | COM Elective |
| PSY 315: Personality Theory and Research (SB) | HSE Elective |
| PSY 325: Physiological Psychology | ISS Elective |
| PSY 369: Biology of Human Sexuality | POS Elective |
| PSY 385: Psychology of Gender (SB) | SOC Elective |
| PSY 399: Supervised Research | |
| PSY 425: Biological Bases of Behavior (L) | |
| PSY 430: Industrial Psychology | |
| PSY 444: Adolescent Psychology and Psychopathology | |
| PSY 447: Psychology of Aging (SB) | |
| PSY 453: Organizational Behavior (SB) | |
| PSY 470: Psychopharmacology | |
| PSY 472: Clinical Psychology | |
| PSY 482: Social Influence and Consumer Behavior (SB) | |

Notes:

- Students must complete a minimum of 12 credit hours of PSY courses offered by the College of Integrative Sciences and Arts.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map




Science, Technology and Society, BS




School/College: College of Integrative Sciences and Arts



Location: Polytechnic campus

ECSTSBS

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  STS 101: Introduction to Science, Technology and Society (SB) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Transfer students with 64 credit hours or more transferred must take STS 304 instead of STS 101. • Select your career interest communities and play me3@ASU. |
| ASU 101-CLS: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| Mathematics (MA) (MAT 142 recommended) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  STS 110: Global Technology and Development (SB & G) | 3 | C | <ul style="list-style-type: none"> • It is highly recommended that STS students take a statistics course for their (CS) general studies requirement. • Transfer students with 64 credit hours or more transferred must take STS 317 instead of STS 110. • Join a student club or professional organization. |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 47 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  Humanities, Arts and Design (HU) | 3 | | <ul style="list-style-type: none"> • Secure a part-time job or volunteer experience. |
| Related Area Course | 3 | C | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Elective | 3 | | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 15 | | |

| Term 4 47 - 60 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Related Area Course | 3 | C | |
| Complete 2 courses: | | | |

Elective

6

Term hours subtotal: 13

| Term 5 60 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ STS 301: Research in Science and Technology Studies (SB) OR ISS 301: Integrated Social Science Research Methods (SB) OR POS 301: Empirical Political Inquiry (SB) | 3 | C | <ul style="list-style-type: none"> • Students must select one Upper Division Track Focus Area to complete from choices below. • Build your professional connections --- join the ASU Mentor Network |
| ★ STS 305: Science and Social Theory (SB) | 3 | C | |
| Complete 2 courses: | | | |
| Upper Division Track Focus Area Course | 6 | C | |
| Related Area Course | 3 | C | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ STS 303: History of Science and Technology (H) | 3 | C | <ul style="list-style-type: none"> • Use Handshake to research employment opportunities. |
| STS 302: Philosophy of Science and Technology (SB) | 3 | C | |
| Complete 2 courses: | | | |
| Upper Division Track Focus Area Course | 6 | C | |
| Related Area Course | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ STS 306: Social Effects of Science and Technology (SB) | 3 | C | <ul style="list-style-type: none"> • Gather professional references. • Apply for full-time career opportunities. |
| Upper Division Track Focus Area Course | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Complete 3 courses: | | | |
| Elective | 9 | | |
| Complete STS 305 AND STS 306 course(s). | | | |
| Term hours subtotal: | 18 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ STS 484: Internship | 3 | C | <ul style="list-style-type: none"> • Students must select one "Upper Division Track Focus Area" to complete from choices below. |
| Upper Division Track Focus Area Course | 3 | C | |
| Complete 2 courses: | | | |
| Upper Division Elective | 6 | | |
| Term hours subtotal: | 12 | | |

- Students must select one "Upper Division Track Focus Area" to complete from choices below.

Hide Course List(s)/Track Group(s)

| | | |
|---|--|---|
| General Science Technology and Society Track Focus Area Option #1 | Science Tecnology and Governance Track Option #2 | Global Technology and Development Track Option #3 |
|---|--|---|

Select 18 upper division credits in consultation with STS Academic Advisor

POS 310: American National Government (SB)

STS 328: Science Technology and Culture (SB)

STS 318: Science Technology and Government (SB)

STS 329: Technology in Developing Countries (SB & G)

STS 325: Science Technology and Public Policy (SB)

STS 330: Information Technology and Globalization (SB & G)

STS 331: Ethical Issues in Science and Technology (SB)

STS 331: Ethical Issues in Science and Technology (SB)

STS 364: Science Technology and National Security (SB)

STS 332: Global Issues in Science and Technology (SB)

STS 425: Law Values Science and Technology (SB)

STS 364: Science Technology and National Security (SB)

Related Area Courses

AES OR AFR OR AIS OR APA OR ASM OR COM OR ECN OR FAS OR GCU OR HST OR ISS OR JUS OR MIS OR POS OR PHI OR PSY OR REL OR SGS OR SOC OR TCL OR WST Elective

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.











2020 - 2021 Major Map

Technical Communication, BS

School/College: College of Integrative Sciences and Arts

Location: Polytechnic campus

LSTECBS

| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Select your career interest communities and play me3@ASU. |
| ASU 101-CLS: The ASU Experience | 1 | | |
| MAT 142: College Mathematics (MA) OR Mathematics (MA) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 14 | | |
| | | | |
| Term 2 14 - 29 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
| ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • Join a student club or professional organization. |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| <i>Complete 2 courses:</i> Elective | 6 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |
| | | | |
| Term 3 29 - 44 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  Related Area Course | 3 | C | <ul style="list-style-type: none"> • Students must take 12 credits in a related area (minimum of 9 credits upper division). Select courses that will provide you with additional technical expertise in an area related to your career interest. For example: Software industry - courses in software engineering; Web authoring - courses in internet and web development; Design-related fields - courses in graphic information technology. Related area courses should be selected in consultation with a Technical Communication advisor • Secure a part-time job or volunteer experience. |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 3 | | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 15 | | |
| | | | |
| Term 4 44 - 60 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Global Awareness (G) | 3 | | |
| Historical Awareness (H) | 3 | | |

| | |
|---------------------------------|---|
| Complete 2 courses: Elective | 6 |
| Term hours subtotal: 16 | |

| Term 5 60 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ TWC 301: Fundamentals of Writing for Digital Media (L) | 3 | C | <ul style="list-style-type: none"> Develop your professional online presence. |
| ★ TWC 401: Fundamentals of Technical Communication (L) | 3 | C | |
| Upper Division Social-Behavioral Sciences (SB) OR Upper Division Humanities, Arts and Design (HU) | 3 | | |
| Complete 2 courses: Elective | 6 | | |
| Term hours subtotal: 15 | | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ TWC 421: Principles of Web Authoring (L) | 3 | C | <ul style="list-style-type: none"> Students must take 12 credits in a related area (minimum of 9 credits upper division). Select courses that will provide you with additional technical expertise in an area related to your career interest. For example: Software industry-courses in software engineering; Web authoring - courses in internet and web development; Design-related fields - courses in graphic information technology. Related area courses should be selected in consultation with a Technical Communication advisor. Use Handshake to research employment opportunities. |
| ★ TWC 431: Principles of Technical Editing | 3 | C | |
| Upper Division TWC 400-level Electives | 3 | C | |
| Upper Division Related Area Course | 3 | C | |
| Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: 15 | | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ TWC 411: Principles of Visual Communication (L) | 3 | C | <ul style="list-style-type: none"> TWC Upper Division Elective: any TWC 300/400 course will fulfill this area. Students are strongly encouraged to participate in an internship (TWC 484) or a supervised work experience in their final academic year. Students must take 12 credits in a related area (minimum of 9 credits upper division). Select courses that will provide you with additional technical expertise in an area related to your career interest. For example: Software industry-courses in software engineering; Web authoring - courses in internet and web development; Design-related fields - courses in graphic information technology. Related area courses should be selected in consultation with a Technical Communication advisor. Gather professional references. Apply for full-time career opportunities. |
| Upper Division TWC 400-level Electives | 3 | C | |
| TWC Upper Division Elective | 3 | C | |
| Upper Division Related Area Course | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: 15 | | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ TWC 490: Capstone | 3 | C | |

| | | |
|------------------------------------|----|---|
| Complete 2 courses: | 6 | C |
| TWC Upper Division Elective | | |
| Upper Division Related Area Course | 3 | C |
| Elective OR TWC 484: Internship | 3 | |
| Term hours subtotal: | 15 | |

- TWC Upper Division Elective: any TWC 300/400 course will fulfill this area.
- Students must take 12 credits in a related area (minimum of 9 credits upper division). Select courses that will provide you with additional technical expertise in an area related to your career interest. For example: Software industry - courses in software engineering; Web authoring - courses in internet and web development; Design-related fields - courses in graphic information technology. Related area courses should be selected in consultation with a Technical Communication advisor.

Hide Course List(s)/Track Group(s)

| |
|--|
| TWC 4** Electives |
| TWC 414: Visualizing Data and Information |
| TWC 422: Social Media in the Workplace |
| TWC 435: Global Issues in Technical Communication (G) |
| TWC 436: Project Management in Technical Communication |
| TWC 443: Grant & Proposal Writing |
| TWC 444: User Experience |
| TWC 445: Content Strategy |
| TWC 446: Technical and Scientific Reports (L) |
| TWC 451: Copyright and Intellectual Property in the Electronic Age |
| TWC 452: Information in the Digital Age |
| TWC 453: Information and Communications Technology in American History (L & H) |
| TWC 454: Information Technology and Culture (C) |

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map




Technical Communication, BS



School/College: [College of Integrative Sciences and Arts](#)



Location: [Online](#)



LSTECBS



| Term 1 - A 0 - 7 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer IELTS or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in Mathematics course. • ASU 101 or college-specific equivalent First Year Seminar required of all first-year students. • Select your career interest communities and play me3@ASU. |
| ASU 101-CLS: The ASU Experience | 1 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 13 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • View ASU Online first-year student registration information here. |
| Mathematics (MA) (MAT 142 recommended) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 2 - A 13 - 19 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 2 - B 19 - 25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  Humanities, Arts and Design (HU) | 3 | | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 3 - A 25 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  Natural Science - Quantitative (SQ) | 4 | | <ul style="list-style-type: none"> • Secure a part-time job or volunteer experience. |
| Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 3 - B 32 - 38 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  Related Area course | 3 | C | <ul style="list-style-type: none"> • Students must take 12 credits in a related area (minimum of 9 credits upper division). Select courses that will provide you with additional |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |

 Complete Mathematics (MA) requirement.

Term hours subtotal: 6

technical expertise in an area related to your career interest. For example: Software industry- courses in software engineering; Web authoring - courses in internet and web development; Design-related fields - courses in graphic information technology. Related area courses should be selected in consultation with a Technical Communication advisor.

| Term 4 - A 38 - 44 Credit Hours | Hours | Minimum Grade | Notes |
|---------------------------------|-------|---------------|-------|
|---------------------------------|-------|---------------|-------|

| | | | |
|------------------------------------|---|--|--|
| Cultural Diversity in the U.S. (C) | 3 | | |
|------------------------------------|---|--|--|

| | | | |
|--------------------------|---|--|--|
| Historical Awareness (H) | 3 | | |
|--------------------------|---|--|--|

| | | | |
|----------------------|---|--|--|
| Term hours subtotal: | 6 | | |
|----------------------|---|--|--|

| Term 4 - B 44 - 51 Credit Hours  Critical course signified by | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | | |
|---|---|--|--|
|  Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
|---|---|--|--|

| | | | |
|----------|---|--|--|
| Elective | 3 | | |
|----------|---|--|--|

| | | | |
|----------------------|---|--|--|
| Term hours subtotal: | 7 | | |
|----------------------|---|--|--|

| Term 5 - A 51 - 57 Credit Hours  Necessary course signified by | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | | |
|--|---|---|--|
|  TWC 301: Fundamentals of Writing for Digital Media (L) | 3 | C | |
|--|---|---|--|

| | | | |
|----------------------|---|--|--|
| Global Awareness (G) | 3 | | |
|----------------------|---|--|--|

| | | | |
|----------------------|---|--|--|
| Term hours subtotal: | 6 | | |
|----------------------|---|--|--|


| Term 5 - B 57 - 63 Credit Hours | Hours | Minimum Grade | Notes |
|---------------------------------|-------|---------------|-------|
|---------------------------------|-------|---------------|-------|

| | | | |
|---|---|--|--|
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
|---|---|--|--|

| | | | |
|----------|---|--|--|
| Elective | 3 | | |
|----------|---|--|--|

| | | | |
|----------------------|---|--|--|
| Term hours subtotal: | 6 | | |
|----------------------|---|--|--|

- Build your professional connections --- join the [ASU Mentor Network](#)

| Term 6 - A 63 - 69 Credit Hours  Necessary course signified by | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | | |
|--|---|---|--|
|  TWC 401: Fundamentals of Technical Communication (L) | 3 | C | |
|--|---|---|--|

| | | | |
|------------------------------------|---|---|--|
| Upper Division Related area course | 3 | C | |
|------------------------------------|---|---|--|

| | | | |
|----------------------|---|--|--|
| Term hours subtotal: | 6 | | |
|----------------------|---|--|--|

- Students must take 12 credits in a related area (minimum of 9 credits upper division). Select courses that will provide you with additional technical expertise in an area related to your career interest. For example: Software industry- courses in software engineering; Web authoring - courses in internet and web development; Design-related fields - courses in graphic information technology. Related area courses should be selected in consultation with a Technical Communication advisor.

| Term 6 - B 69 - 75 Credit Hours  Necessary course signified by | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | | |
|--|---|---|--|
|  TWC 421: Principles of Web Authoring (L) | 3 | C | |
|--|---|---|--|

| | | | |
|----------|---|--|--|
| Elective | 3 | | |
|----------|---|--|--|

- Use Handshake to research [employment opportunities](#).

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal: 6

| Term 7 - A 75 - 81 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ TWC 431: Principles of Technical Editing | 3 | C | <ul style="list-style-type: none"> Students must take 12 credits in a related area (minimum of 9 credits upper division). Select courses that will provide you with additional technical expertise in an area related to your career interest. For example: Software industry-courses in software engineering; Web authoring - courses in internet and web development; Design-related fields - courses in graphic information technology. Related area courses should be selected in consultation with a Technical Communication advisor. |
| Upper Division Related area course | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 81 - 87 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ TWC 411: Principles of Visual Communication (L) | 3 | C | <ul style="list-style-type: none"> Students must take 12 credits in a related area (minimum of 9 credits upper division). Select courses that will provide you with additional technical expertise in an area related to your career interest. For example: Software industry-courses in software engineering; Web authoring - courses in internet and web development; Design-related fields - courses in graphic information technology. Related area courses should be selected in consultation with a Technical Communication advisor. |
| Upper Division Related area course | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 87 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ Upper Division TWC 400-level Electives | 3 | C | <ul style="list-style-type: none"> Gather professional references. Apply for full-time career opportunities. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 93 - 99 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| Upper Division TWC 400-level Electives | 3 | C | <ul style="list-style-type: none"> TWC Upper Division Elective: any TWC 300/400 course will fulfill this area. Students are strongly encouraged to participate in an internship (TWC 484) or a supervised work experience in their final academic year. |
| TWC Upper Division Elective | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 9 - A 99 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ TWC Upper Division Elective | 3 | C | <ul style="list-style-type: none"> TWC Upper Division Elective: any TWC 300/400 course will fulfill this area. Students are strongly encouraged to participate in an internship (TWC 484) or a supervised work experience in their final academic year. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - B 105 - 111 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ TWC Upper Division Elective | 3 | C | • TWC Upper Division Elective: any TWC 300/400 course will fulfill this area. Students are strongly encouraged to participate in an internship (TWC 484) or a supervised work experience in their final academic year. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 10 - A 111 - 117 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ TWC 490: Capstone | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 10 - B 117 - 120 Credit Hours | Hours | Minimum Grade | Notes |
|------------------------------------|-------|---------------|-------|
| Elective | 3 | | |
| Term hours subtotal: | 3 | | |

Hide Course List(s)/Track Group(s)

- TWC 400-level Electives
- TWC 414: Visualizing Data and Information
- TWC 422: Social Media in the Workplace
- TWC 435: Global Issues in Technical Communication (G)
- TWC 436: Project Management in Technical Communication
- TWC 443: Grant & Proposal Writing
- TWC 444: User Experience
- TWC 445: Content Strategy
- TWC 446: Technical and Scientific Reports (L)
- TWC 451: Copyright and Intellectual Property in the Electronic Age
- TWC 452: Information in the Digital Age
- TWC 453: Information and Communications Technology in American History (L & H)
- TWC 454: Information Technology and Culture (C)

Total Hours: 120
Upper Division Hours: 45 minimum

General University Requirements Legend
 General Studies Core Requirements:

Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map



Technical Communication (User Experience), BS




School/College: College of Integrative Sciences and Arts




Location: Polytechnic campus

LSTECUBS

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  HSE 101: Introduction to Human Systems Engineering (SB) OR PSY 101: Introduction to Psychology (SB) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Select your career interest communities and play me3@ASU. |
| ASU 101-CLS: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Mathematics (MA) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • Join a student club or professional organization. |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 48 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  Concentration Elective Course | 3 | C | <ul style="list-style-type: none"> • Secure a part-time job or volunteer experience. |
| Global Awareness (G) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Elective | 3 | | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 48 - 63 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  Concentration Elective Course | 3 | C | <ul style="list-style-type: none"> • Students must take 12 credits in a related area (minimum of 9 credits upper division). Select courses that will provide you with additional technical expertise in an area related to your career interest. For example: Software industry-courses in software engineering; Web authoring - |
|  Related Area Course | 3 | C | |
| Historical Awareness (H) | 3 | | |
| Complete 2 courses: Elective | 6 | | |
| Term hours subtotal: | 15 | | |

Term hours subtotal: 15

courses in internet and web development; Design-related fields - courses in graphic information technology. Related area courses should be selected in consultation with a Technical Communication advisor.

| Term 5 63 - 78 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ TWC 301: Fundamentals of Writing for Digital Media (L) | 3 | C | <ul style="list-style-type: none"> Build your professional connections --- join the ASU Mentor Network |
| ★ TWC 401: Fundamentals of Technical Communication (L) | 3 | C | |
| HSE 325: Human-Computer Interaction | 3 | C | |
| TWC Upper Division Elective | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ TWC 411: Principles of Visual Communication (L) | 3 | C | <ul style="list-style-type: none"> Students must take 12 credits in a related area (minimum of 9 credits upper division). Select courses that will provide you with additional technical expertise in an area related to your career interest. For example: Software industry- courses in software engineering; Web authoring - courses in internet and web development; Design-related fields - courses in graphic information technology. Related area courses should be selected in consultation with a Technical Communication advisor. Use Handshake to research employment opportunities. |
| GIT 340: Information Design and Usability | 3 | C | |
| TWC 431: Principles of Technical Editing | 3 | C | |
| TWC Upper Division Elective | 3 | C | |
| Upper Division Related Area Course | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ TWC 421: Principles of Web Authoring (L) | 3 | C | <ul style="list-style-type: none"> Students must take 12 credits in a related area (minimum of 9 credits upper division). Select courses that will provide you with additional technical expertise in an area related to your career interest. For example: Software industry- courses in software engineering; Web authoring - courses in internet and web development; Design-related fields - courses in graphic information technology. Related area courses should be selected in consultation with a Technical Communication advisor. Gather professional references. Apply for full-time career opportunities |
| ★ TWC 444: User Experience | 3 | C | |
| Upper Division Concentration Elective Course | 3 | C | |
| Upper Division Related Area Course | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ TWC 490: Capstone | 3 | C | <ul style="list-style-type: none"> Students must take 12 credits in a related area (minimum of 9 credits upper division). Select courses that will provide you with additional technical expertise in an area related to your |
| TWC 4** Elective | 3 | C | |
| Upper Division Related Area Course | 3 | C | |

| | |
|---------------------------------|----|
| Elective OR TWC 484: Internship | 3 |
| Term hours subtotal: | 12 |

career interest. For example: Software industry - courses in software engineering; Web authoring - courses in internet and web development; Design-related fields - courses in graphic information technology. Related area courses should be selected in consultation with a Technical Communication advisor.

Hide Course List(s)/Track Group(s)

| |
|--|
| Concentration Elective Courses (9 Credits total 3 Upper Division Credits minimum) |
| GIT 210: Creative Thinking and Design Visualization |
| GIT 402: New Media Internet Technologies |
| HSE 224: Applied Social Science (SB) |
| HSE 225: Human Systems Integration |
| HSE 230: Statistics for Human Systems Research I (CS) |
| HSE 290: Experimental Methods for Human Systems Research (L) |
| HSE 324: Applied Cognitive Science (SB) |
| HSE 390: Qualitative Research Methods (L) |
| HSE 428: Judgment and Decision Making |
| TWC 414: Visualizing Data and Information |
| TWC 436: Project Management in Technical Communication |
| TWC 445: Content Strategy |

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
**Hrs Resident Credit for
Academic Recognition:** 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.












2020 - 2021 Major Map

Technical Communication (User Experience), BS

School/College: [College of Integrative Sciences and Arts](#)

Location: [Online](#)


LSTECUBS


| Term 1 - A 0 - 7 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  HSE 101: Introduction to Human Systems Engineering (SB) OR PSY 101: Introduction to Psychology (SB) | 3 | C | <ul style="list-style-type: none"> An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses Mathematics Placement Test score determines placement in mathematics course ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students Select your career interest communities and play me3@ASU. |
| ASU 101-CLS: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| Term hours subtotal: | 7 | | |
| Term 1 - B 7 - 13 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  Mathematics (MA) | 3 | | <ul style="list-style-type: none"> View ASU Online first-year student registration information here. Join a student club or professional organization |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| Term hours subtotal: | 6 | | |
| Term 2 - A 13 - 19 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 6 | | |
| Term 2 - B 19 - 26 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  Natural Science - Quantitative (SQ) | 4 | | |
| Cultural Diversity in the U.S. (C) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 7 | | |
| Term 3 - A 26 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  Concentration Elective Course | 3 | C | <ul style="list-style-type: none"> Secure a part-time job or volunteer experience. |
| Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 6 | | |
| Term 3 - B 32 - 38 Credit Hours | Hours | Minimum Grade | Notes |
| Global Awareness (G) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |


Complete Mathematics (MA) requirement.

Term hours subtotal: 6

| Term 4 - A 38 - 45 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | | |
|---|---|---|--|
|  Concentration Elective Course | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 4 - B 45 - 51 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | | |
|---|---|---|--|
|  Related Area Course | 3 | C | |
| Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 6 | | |

- Students must take 12 credits in a related area (minimum of 9 credits upper division). Select courses that will provide you with additional technical expertise in an area related to your career interest. For example: Software industry - courses in software engineering; Web authoring - courses in internet and web development; Design-related fields - courses in graphic information technology. Related area courses should be selected in consultation with a Technical Communication advisor.

| Term 5 - A 51 - 57 Credit Hours | Hours | Minimum Grade | Notes |
|---------------------------------|-------|---------------|-------|
|---------------------------------|-------|---------------|-------|

| | | | |
|---|---|--|--|
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

- Build your professional connections --- join the [ASU Mentor Network](#)



| Term 5 - B 57 - 63 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | | |
|--|---|---|--|
|  TWC 301: Fundamentals of Writing for Digital Media (L) | 3 | C | |
| HSE 325: Human-Computer Interaction | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 6 - A 63 - 69 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | | |
|--|---|---|--|
|  TWC 401: Fundamentals of Technical Communication (L) | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 69 - 75 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | | |
|--|---|---|--|
|  TWC 421: Principles of Web Authoring (L) | 3 | C | |
| TWC Upper Division Elective | 3 | C | |
|  Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 6 | | |

- Use Handshake to research [employment opportunities](#).

| Term 7 - A 75 - 81 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | | |
|---|---|---|--|
|  TWC 411: Principles of Visual Communication (L) | 3 | C | |
|---|---|---|--|

| | |
|----------------------|---|
| Elective | 3 |
| Term hours subtotal: | 6 |

| Term 7 - B 81 - 87 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| GIT 340: Information Design and Usability | 3 | C | |
| TWC 431: Principles of Technical Editing | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 87 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ Upper Division Related Area Course | 3 | C | <ul style="list-style-type: none"> Students must take 12 credits in a related area (minimum of 9 credits upper division). Select courses that will provide you with additional technical expertise in an area related to your career interest. For example: Software industry - courses in software engineering; Web authoring - courses in internet and web development; Design-related fields - courses in graphic information technology. Related area courses should be selected in consultation with a Technical Communication advisor. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 93 - 99 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ TWC Upper Division Elective | 3 | C | <ul style="list-style-type: none"> Students must take 12 credits in a related area (minimum of 9 credits upper division). Select courses that will provide you with additional technical expertise in an area related to your career interest. For example: Software industry - courses in software engineering; Web authoring - courses in internet and web development; Design-related fields - courses in graphic information technology. Related area courses should be selected in consultation with a Technical Communication advisor. |
| Upper Division Related Area Course | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 9 - A 99 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ TWC 444: User Experience | 3 | C | <ul style="list-style-type: none"> Gather professional references. Apply for full-time career opportunities |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - B 105 - 111 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| Upper Division Related Area Course | 3 | C | <ul style="list-style-type: none"> Students must take 12 credits in a related area (minimum of 9 credits upper division). Select courses that will provide you with additional technical expertise in an area related to your career interest. For example: Software industry - courses in software engineering; Web authoring - courses in internet and web development; Design-related fields - courses in graphic information technology. Related area courses |
| Upper Division Concentration Elective Course | 3 | C | |
| Term hours subtotal: | 6 | | |

should be selected in consultation with a Technical Communication advisor.

| Term 10 - A 111 - 117 Credit Hours | Hours | Minimum Grade | Notes |
|------------------------------------|-------|---------------|-------|
| TWC 4** Elective | 3 | C | |
| Elective OR TWC 484: Internship | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 10 - B 117 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ TWC 490: Capstone | 3 | C | |
| Term hours subtotal: | 3 | | |

Hide Course List(s)/Track Group(s)

| |
|---|
| Concentration Elective Courses (9 credits total minimum 3 upper division credits) |
| GIT 210: Creative Thinking and Design Visualization |
| GIT 402: New Media Internet Technologies |
| HSE 230: Statistics for Human Systems Research I (CS) |
| HSE 290: Experimental Methods for Human Systems Research (L) |
| HSE 324: Applied Cognitive Science (SB) |
| TWC 414: Visualizing Data and Information |
| TWC 436: Project Management in Technical Communication |
| TWC 445: Content Strategy |

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map





Applied Computing, BS





School/College: [New College of Interdisciplinary Arts and Sciences](#)

Location: [West campus, ASU@Lake Havasu](#)

ASACOBBS

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ACO 101: Introduction to Computer Science (CS) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • Student may elect to take an MA course in place of elective in Term 1 if needed to prepare for MAT 210 in term 2. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. NEW 101 satisfies this requirement. • Completion of both ACO 101 and ACO 102 with a C or better fulfills the New College Language and Cultures requirement. • IAS 300 (3 credit hours) is required for all transfer students in place of NEW 101. • Select your Career Interest Communities and play me3@ASU. • Activate your Handshake account and build out your profile. |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| NEW 101-M: The ASU New College Experience | 1 | | |
| Historical Awareness (H) | 3 | | |
| Mathematics (MA) OR Elective | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  ACO 102: Object-Oriented Programming (CS) | 3 | C | <ul style="list-style-type: none"> • Completion of both ACO 101 and ACO 102 with a C or better fulfills the New College Language and Cultures requirement. • Create a first draft resume. • Join a student club or professional organization. • Secure a part-time job or volunteer experience |
|  MAT 210: Brief Calculus (MA) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| Global Awareness (G) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 47 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  ACO 201: Data Structures and Algorithms (CS) | 3 | C | <ul style="list-style-type: none"> • Develop your research skills. • Develop your professional skills. • Build your professional connections - join the ASU Mentor Network |
|  MAT 243: Discrete Mathematical Structures | 3 | C | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
|  Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |

Term hours subtotal: 15

| Term 4 47 - 62 Credit Hours Critical course signified by ⚠ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ⚠ ACO 240: Introduction to Programming Languages | 3 | C | <ul style="list-style-type: none"> Explore an internship, an IGLE international experience, or ASU study abroad. |
| ⚠ STP 226: Elements of Statistics (CS) | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 5 62 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ ACO 320: Database Systems | 3 | C | <ul style="list-style-type: none"> IAS 300 (3 credit hours) is required for all transfer students. Thinking about graduate school? Consider registering for a grad school test prep course. Develop your professional online presence. |
| ★ ACO 330: Computer Networks | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB) | 3 | | |
| Term hours subtotal: | 13 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ ACO 350: Systems Programming (CS) | 3 | C | <ul style="list-style-type: none"> Use Handshake to research employment opportunities. Complete an in person or virtual practice interview. |
| ★ Upper Division Applied Computing Elective | 3 | C | |
| Upper Division Communication Elective | 3 | C | |
| Liberal Arts Elective | 3 | C | |
| Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Complete ACO 320 AND ACO 330 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ ACO 484: Internship OR ACO 499: Individualized Instruction | 3 | C | <ul style="list-style-type: none"> Completion of ACO 320 and ACO 330 with a C or better is required to enroll in ACO 484 and ACO 499. ACO 484 and ACO 499 may not be taken concurrently, and is limited to a maximum of 3 hours per semester (six hours total in the major). Subject of study must include databases, networks or cyber-security; faculty approval required. Gather professional references. |
| ★ Upper Division Applied Computing Elective | 3 | C | |
| Upper Division Ethics Elective | 3 | C | |
| Upper Division Liberal Arts Elective | 3 | C | |
| Diversity Elective | 3 | C | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ ACO 484: Internship OR ACO 499: Individualized Instruction | 3 | C | <ul style="list-style-type: none"> Completion of ACO 320 and ACO 330 with a C or better is required to enroll in ACO 484 and ACO 499. ACO 484 and ACO 499 may not be taken concurrently, and is limited to a maximum |
| ★ Upper Division Applied Computing Elective | 3 | C | |
| Upper Division Liberal Arts Elective | 3 | C | |

Complete 2 courses:
Upper Division Elective

6

Term hours subtotal: 15

of 3 hours per semester (six hours total in the major). Subject of study must include databases, networks or cyber-security; faculty approval required.

- Apply for full-time career opportunities.

Hide Course List(s)/Track Group(s)

| Upper Division Applied Computing Electives | Upper Division Communication Electives | Upper Division Ethics Electives |
|--|--|--|
| ACO 321: Database Development & Applications | COM 316: Gender and Communication (SB & C) | IAS 340: Bioethics (HU) |
| ACO 331: Network Forensics Analysis | COM 317: Nonverbal Communication (SB) | IAS 406: Moral Dilemmas (L or HU) or PHI 406: Moral Dilemmas (L or HU) |
| ACO 351: Governance Risk and Compliance | COM 353: Professional Communication | IAS 407: Environmental Philosophy and Policy (L or HU) or PHI 407: Environmental Philosophy and Policy (L or HU) |
| ACO 361: Secure Coding Concepts | COM 371: Language Culture and Communication (SB & C & G) | IAS 409: Eco-Community Ethics (HU) or PHI 409: Eco-Community Ethics (HU) |
| ACO 394: Special Topics | COM 415: Risk Communication | PHI 306: Applied Ethics (HU) |
| ACO 420: Big Data Systems | COM 416: Gender and Race in the Media | PHI 360: Business and Professional Ethics (HU) |
| ACO 421: Data Mining and Warehousing | COM 457: New Media | |
| ACO 423: Data Science | COM 459: Theory and Methods of Social Media Networks | |
| ACO 430: Wireless Networks | COM 471: Global Media and Cultural Identity (G) | |
| ACO 431: Network Security | COM 477: Sport Culture and Discourses | |
| ACO 432: Distributed Systems | | |
| ACO 461: Security Operations | | |
| ACO 494: Special Topics | | |
| Diversity Electives | Liberal Arts Electives | |
| ASB 211: Women in Other Cultures ((HU or SB) & G) | AMS Elective | |
| COM 263: Elements of Intercultural Communication (SB & C & G) | ASB Elective | |
| ENG 317: Cross-Cultural Writing ((L or HU) & G) | COM Elective | |
| POS 480: Global Justice (G) or SBS 480: Global Justice (G) | DST Elective | |
| PSY 385: Psychology of Gender (SB) | ENG Elective | |
| REL 390: Women Gender and Religion (HU & G) or WST 390: Women Gender and Religion (HU & G) | ETH Elective | |
| SBS 301: Cultural Diversity ((L or SB) & C) | HRC Elective | |
| WST 220: Gender Media and Culture (HU & C) | HST Elective | |
| | IAP Elective | |
| | IAS Elective | |
| | JHR Elective | |
| | LAS Elective | |
| | NEW Elective | |

PAX Elective

PHI Elective

POS Elective

PSY Elective

REL Elective

SBS Elective

SOC Elective

SPA Elective

WST Elective

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map





Applied Computing (Cybersecurity), BS





School/College: New College of Interdisciplinary Arts and Sciences

Location: West campus

ASACOCBS

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  ACO 101: Introduction to Computer Science (CS) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • Student may elect to take an MA course in place of elective in Term 1 if needed to prepare for MAT 210 in term 2. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. NEW 101 satisfies this requirement. • Completion of both ACO 101 and ACO 102 with a C or better fulfills the New College Language and Cultures requirement. • IAS 300 (3 credit hours) is required for all transfer students in place of NEW 101. • Select your Career Interest Communities and play me3@ASU. • Activate your Handshake account and build out your profile. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| NEW 101-M: The ASU New College Experience | 1 | | |
| PSY 101: Introduction to Psychology (SB) | 3 | C | |
| Historical Awareness (H) | 3 | | |
| Elective OR Mathematics (MA) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  ACO 102: Object-Oriented Programming (CS) | 3 | C | <ul style="list-style-type: none"> • Completion of ACO 101 and ACO 102 with a C or better fulfills the New College Language and Cultures requirement. • Create a first draft resume. • Join a student club or professional organization. • Secure a part-time job or volunteer experience. |
|  MAT 210: Brief Calculus (MA) | 3 | C | |
| COM 100: Introduction to Human Communication (SB) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 48 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  ACO 201: Data Structures and Algorithms (CS) | 3 | C | <ul style="list-style-type: none"> • Develop your research skills. • Develop your professional skills. • Build your professional connections - join the ASU Mentor Network |
|  MAT 243: Discrete Mathematical Structures | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Global Awareness (G) | 3 | | |
|  Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |

Term hours subtotal: 16

| Term 4 48 - 63 Credit Hours Critical course signified by ⚠ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ⚠ ACO 240: Introduction to Programming Languages | 3 | C | <ul style="list-style-type: none"> Explore an internship, an IGLE international experience, or ASU study abroad. |
| ⚠ STP 226: Elements of Statistics (CS) | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ ACO 320: Database Systems | 3 | C | <ul style="list-style-type: none"> IAS 300 (3 credit hours) is required for all transfer students. Thinking about graduate school? Consider registering for a grad school test prep course. Develop your professional online presence. |
| ★ ACO 330: Computer Networks | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB) | 3 | | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ ACO 350: Systems Programming (CS) | 3 | C | <ul style="list-style-type: none"> Use Handshake to research employment opportunities. Complete an in person or virtual practice interview |
| ACO 361: Secure Coding Concepts | 3 | C | |
| ACO 430: Wireless Networks | 3 | C | |
| Diversity Elective | 3 | C | |
| Upper Division Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Complete ACO 320 AND ACO 330 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ ACO 484: Internship OR ACO 499: Individualized Instruction | 3 | C | <ul style="list-style-type: none"> Completion of ACO 320 and ACO 330 with a C or better is required to enroll in ACO 484 and ACO 499. ACO 484 and ACO 499 may not be taken concurrently, and is limited to a maximum of 3 hours per semester (six hours total in the major). Subject of study requires faculty approval. If planning to take ACO 402 in Term 8, ACO 401 must be taken to fulfill Upper Division Cybersecurity Elective in Term 7 (ACO 401 is a prerequisite to ACO 402). If ACO 394 or ACO 494 is taken to meet the Cybersecurity Elective requirement, it must be a security-related topic. See academic advisor for questions. Gather professional references. |
| ACO 431: Network Security | 3 | C | |
| ACO 461: Security Operations | 3 | C | |
| Upper Division Communication Elective | 3 | C | |
| Term hours subtotal: | 12 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ ACO 484: Internship OR ACO 499: Individualized Instruction | 3 | C | <ul style="list-style-type: none"> • Completion of ACO 320 and ACO 330 with a C or better is required to enroll in ACO 484 and ACO 499. ACO 484 and ACO 499 may not be taken concurrently, and is limited to a maximum of 3 hours per semester (six hours total in the major). Subject of study requires faculty approval. • Apply for full-time career opportunities. |
| ACO 351: Governance, Risk and Compliance OR ACO 402: Privacy, Ethics and Compliance Issues | 3 | C | |
| Upper Division Cybersecurity Elective | 3 | C | |
| Upper Division Ethics Elective AND Humanities, Arts and Design (HU) | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 15 | | |

Hide Course List(s)/Track Group(s)

| Upper Division Communication Elective | Upper Division Cybersecurity Elective | Diversity Elective |
|--|--|--|
| COM 316: Gender and Communication (SB & C) | ACO 331: Network Forensics Analysis | ASB 211: Women in Other Cultures ((HU or SB) & G) |
| COM 317: Nonverbal Communication (SB) | ACO 394: Special Topics | COM 263: Elements of Intercultural Communication (SB & C & G) |
| COM 353: Professional Communication | ACO 401: Managing Cyber Risks in Enterprise Business Processes | ENG 317: Cross-Cultural Writing ((L or HU) & G) |
| COM 371: Language Culture and Communication (SB & C & G) | ACO 494: Special Topics | POS 480: Global Justice (G) or SBS 480: Global Justice (G) |
| COM 415: Risk Communication | FOR 350: Computer Forensics | PSY 385: Psychology of Gender (SB) |
| COM 416: Gender and Race in the Media | | SBS 301: Cultural Diversity ((L or SB) & C) |
| COM 457: New Media | | WST 220: Gender Media and Culture (HU & C) |
| COM 459: Theory and Methods of Social Media Networks | | WST 390: Women Gender and Religion (HU & G) or REL 390: Women Gender and Religion (HU & G) |
| COM 471: Global Media and Cultural Identity (G) | | |
| COM 477: Sport Culture and Discourses | | |
| Upper Division Ethics Elective | | |
| IAS 340: Bioethics (HU) | | |
| IAS 406: Moral Dilemmas (L or HU) or PHI 406: Moral Dilemmas (L or HU) | | |
| IAS 407: Environmental Philosophy and Policy (L or HU) or PHI 407: Environmental Philosophy and Policy (L or HU) | | |
| IAS 409: Eco-Community Ethics (HU) or PHI 409: Eco-Community Ethics (HU) | | |
| PHI 306: Applied Ethics (HU) | | |
| PHI 360: Business and Professional Ethics (HU) | | |

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map





Applied Mathematics, BS




School/College: [New College of Interdisciplinary Arts and Sciences](#)



Location: [West campus](#)

ASMATBS

| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ACO 101: Introduction to Computer Science (CS) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. NEW 101 satisfies this requirement. • IAS 300 (3 credit hours) is required for all transfer students in place of NEW 101. • Select your Career Interest Communities and play me3@ASU. • Activate your Handshake account and build out your profile. |
|  MAT 270: Calculus with Analytic Geometry I (MA) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| NEW 101-M: The ASU New College Experience | 1 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  ACO 102: Object-Oriented Programming (CS) | 3 | C | <ul style="list-style-type: none"> • Create a first draft resume. • Join a student club or professional organization. • Secure a part-time job or volunteer experience |
|  MAT 271: Calculus with Analytic Geometry II (MA) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Global Awareness (G) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 44 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  MAT 272: Calculus with Analytic Geometry III (MA) | 4 | C | <ul style="list-style-type: none"> • Develop your research skills. • Develop your professional skills. • Build your professional connections - join the ASU Mentor Network. |
| STP 280: Probability and Statistics for Researchers (CS) | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
|  Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 14 | | |

| Term 4 44 - 60 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  MAT 275: Modern Differential Equations (MA) | 3 | C | |
| STP 281: Statistical Analysis for Researchers | 3 | C | |

| | |
|---|----|
| Cultural Diversity in the U.S. (C) | 3 |
| Humanities, Arts and Design (HU) | 3 |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 |
| Term hours subtotal: | 16 |

- Explore an internship, an IGLE international experience, or ASU study abroad.

| Term 5 60 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ MAT 300: Mathematical Structures (L) | 3 | C | <ul style="list-style-type: none"> • IAS 300 (3 credit hours) is required for all transfer students. • Thinking about graduate school? Consider registering for a grad school test prep course. • Develop your professional online presence |
| ★ MAT 343: Applied Linear Algebra | 3 | C | |
| Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB) | 3 | | |
| Complete 2 courses: Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ MAT 350: Techniques and Applications of Applied Mathematics | 3 | C | <ul style="list-style-type: none"> • Use Handshake to research employment opportunities. • Complete an in person or virtual practice interview. |
| ★ MAT 371: Advanced Calculus I | 3 | C | |
| ★ MAT 421: Applied Computational Methods (CS) | 3 | C | |
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ MAT 452: Introduction to Chaos and Nonlinear Dynamics | 3 | C | <ul style="list-style-type: none"> • Gather professional references. |
| ★ MAT 472: Intermediate Real Analysis I | 3 | C | |
| Upper Division Applied Math Elective | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) AND Historical Awareness (H) or Upper Division Social-Behavioral Sciences (SB) AND Historical Awareness (H) (MAT 411 recommended) | 3 | | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ MAT 450: Mathematical Models in Biology OR MAT 451: Mathematical Modeling (CS) | 3 | C | <ul style="list-style-type: none"> • Apply for full-time career opportunities. |
| Upper Division Applied Math Elective | 3 | C | |
| Upper Division Elective OR LSC 484: Internship | 3 | | |
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

- Maximum of 6 credit hours of MAT 499. If also taking MAT 492, then only 3 credit hours of MAT 499 allowed.

Hide Course List(s)/Track Group(s)

| Upper Division Applied Math Electives |
|---|
| ACO 320: Database Systems |
| ACO 331: Network Forensics Analysis |
| ACO 420: Big Data Systems |
| ACO 421: Data Mining and Warehousing |
| ACO 422: XML and Databases |
| ACO 423: Data Science |
| LSC 388: Research Fundamentals for the Natural Sciences (L) |
| MAT 419: Introduction to Linear Optimization (CS) |
| MAT 429: Optimization |
| MAT 443: Introduction to Abstract Algebra |
| MAT 445: Theory of Numbers |
| MAT 450: Mathematical Models in Biology or MAT 451: Mathematical Modeling (CS) |
| MAT 461: Applied Complex Analysis |
| MAT 462: Applied Partial Differential Equations |
| MAT 484: Internship |
| MAT 492: Honors Directed Study |
| MAT 499: Individualized Instruction |
| STP 310: Design and Analysis of Experiments |
| STP 311: Regression and Time Series Analyses |
| STP 421: Probability |
| STP 427: Mathematical Statistics |
| STP 450: Nonparametric Statistics |

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.

2020 - 2021 Major Map

Applied Science, **BAS**

School/College: New College of Interdisciplinary Arts and Sciences

Location: West campus

ASBASBAS

- Students may complete the BAS program requirements in 45-60 upper division credit hours, determined by choice of area of concentration and number of general studies requirements completed in AAS degree.
- Working with an advisor, students will select a minor available at ASU or construct an individualized concentration with a coherent theme or purpose.

| Applicable Community College Prerequisites 0 - 60 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| AAS Transfer Degree Block | 60 | | |
| Term hours subtotal: | 60 | | |
| | | | <ul style="list-style-type: none"> • Students may meet lower division general studies requirements with the AAS degree. • Students must complete all ASU general studies requirements in order to earn ASU BAS degree. • Students should work with their academic advisor to run DARS graduation audit to determine needed general studies requirements. |

| Term 5 60 - 72 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ IAS 300: Career Strategies and Personal Resilience (L or SB) | 3 | C | |
| EDT 321: Computer Literacy: Mobile Technologies and Your World (CS) OR SBS 304: Social Statistics I (CS) | 3 | C | |
| Complete 2 courses: | 6 | | |
| Any needed lower division General Studies requirement OR Elective | | | |
| Term hours subtotal: | 12 | | |
| | | | <ul style="list-style-type: none"> • Core requirements and area of concentration courses may be used to apply toward general studies requirements, as allowed. • Select your Career Interest Communities and play me3@ASU. • Activate your Handshake account and build out your profile. • Create a first draft resume. • Join a student club or professional organization. |

| Term 6 72 - 84 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ Upper Division Concentration Course | 3 | C | |
| IAS 305: Work and Identity (SB) OR COM 316: Gender and Communication (SB & C) | 3 | C | |
| Upper Division Aesthetics/Creativity AND Humanities, Arts and Design (HU) | 3 | C | |
| Any needed lower division General Studies requirement OR Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 12 | | |
| | | | <ul style="list-style-type: none"> • Secure a part-time job or volunteer experience. • Develop your research skills. • Develop your professional skills. • Build your professional connections - join the ASU Mentoring Network. • Explore an internship, an IGLE international experience, or ASU Study Abroad. |

| Term 7 84 - 102 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| Complete 2 courses: | | | |

| | | |
|--|----|---|
| ★ Upper Division Concentration Course | 6 | C |
| ENG 301: Writing for the Professions (L) | 3 | C |
| Upper Division Ethics AND Upper Division Humanities, Arts and Design (HU) | 3 | C |
| Upper Division Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) OR Upper Division Elective | 3 | |
| Any needed lower division General Studies requirement OR Elective | 3 | |
| Term hours subtotal: | 18 | |

- Thinking about graduate school?
Consider register for a grad school test prep course.
- Develop your professional online presence.
- Use Handshake to research employment opportunities.

| Term 8 102 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | | |
|--|----|---|--|
| ★ Complete 3 courses: | | | |
| Upper Division Concentration Course | 9 | C | |
| ENG 311: Persuasive Writing (L) | 3 | C | |
| IAS 480: Capstone: Practices and Approaches OR IAS 484: Internship | 3 | C | |
| Any needed lower division General Studies requirement OR Elective | 3 | | |
| Term hours subtotal: | 18 | | |

- Complete an in person or virtual practice interview.
- Gather professional references.
- Apply for full-time career opportunities.

Hide Course List(s)/Track Group(s)

| Aesthetics/Creativity | Ethics |
|---|--|
| ARS 300: Introduction to Art (HU) | IAS 340: Bioethics (HU) or PHI 320: Bioethics (HU) |
| IAP 301: Energetic Systems of Art: Collaboration in the Arts (HU) | IAS 406: Moral Dilemmas (L or HU) or PHI 406: Moral Dilemmas (L or HU) |
| IAP 307: Art and War (HU & G) | IAS 407: Environmental Philosophy and Policy (L or HU) or PHI 407: Environmental Philosophy and Policy (L or HU) |
| IAP 464: Media and Diversity (HU & G) | IAS 409: Eco-Community Ethics (HU) or PHI 409: Eco-Community Ethics (HU) |
| MUS 340: Music for the Concert Hall Stage and Screen (HU & H) | IAS 410: Evolution of Ideas (L or HU) |
| MUS 347: Jazz in America (HU & C) | IAS 430: Science and Religion (L or HU) |
| MUS 349: Music in America (HU & H) | PHI 306: Applied Ethics (HU) |
| MUS 354: Popular Music (HU) | PHI 318: Philosophy of Religion (HU) |
| MUS 355: American Music (HU & C & H) | PHI 360: Business and Professional Ethics (HU) |
| MUS 410: History of Women in Music (HU & C & H) | PHI 408: Feminist Ethics (HU) |
| THE 320: History of the Theatre I (HU & H) | REL 401: Sacred Scriptures and Social Choices (HU & G) |
| THE 321: History of the Theatre II (HU & H) | |

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum

General University Requirements Legend

- General Studies Core Requirements:
- Literacy and Critical Inquiry (L)

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map




Biology, BA





School/College: New College of Interdisciplinary Arts and Sciences

Location: West campus




ASLSCBA



| Term 1 0 - 15 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  BIO 181: General Biology I (SQ) | 4 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. NEW 101 satisfies this requirement. • IAS 300 (3 credit hours) is required for all transfer students in place of NEW 101. • Select your Career Interest Communities and play me3@ASU. • Activate your Handshake account and build out your profile. |
| CHM 113: General Chemistry I (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 170: Precalculus (MA) | 3 | C | |
| NEW 101-M: The ASU New College Experience | 1 | | |
| Term hours subtotal: | 15 | | |




| Term 2 15 - 29 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  BIO 182: General Biology II (SG) | 4 | C | <ul style="list-style-type: none"> • Create a first draft resume. • Join a student club or professional organization. • Secure a part-time job or volunteer experience |
| CHM 116: General Chemistry II (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 14 | | |

| Term 3 29 - 43 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  Physics Requirement Set A OR Physics Requirement Set B | 4 | C | <ul style="list-style-type: none"> • Students will complete one of two sets of Physics course work over two terms. Choose either Set A or B below. • The only students who need the two semester sequence of organic chemistry courses (CHM 233, CHM 237, CHM 234 and CHM 238) are those who plan to apply to a graduate school in a health profession. All that is required for the degree is the one semester CHM 231 and CHM 235. • If student selects the two semester sequence of organic chemistry, then they will take CHM 234 and 238 in place of elective credits in Term 4. • Develop your research skills. • Develop your professional skills. |
| CHM 231: Elementary Organic Chemistry (SQ) AND CHM 235: Elementary Organic Chemistry Laboratory (SQ) OR CHM 233: General Organic Chemistry I AND CHM 237: General Organic Chemistry Laboratory I | 4 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
|  Complete First-Year Composition requirement. | | | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 14 | | |

- Build your professional connections - join the [ASU Mentor Network](#)

| Term 4 43 - 60 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  Physics Requirement Set A OR Physics Requirement Set B | 4 | C | <ul style="list-style-type: none"> • Students will complete remaining option in chosen set of Physics course work. • The two semester sequence of organic chemistry courses is intended for students who plan to apply to a graduate school in a health profession. If student is pursuing the two semester sequence of organic chemistry courses and completed CHM 233 and CHM 237 in Term 3 then they should select CHM 234 and CHM 238 in Term 4 (C or better required) • Students who elected to take CHM 231 and CHM 235 in Term 3 should take a 4 credit elective in Term 4. • Explore an internship, an IGLE international experience, or ASU study abroad. |
| Computer/Statistics/Quantitative Applications (CS) (STP 226 recommended) | 3 | | |
| Elective OR CHM 234: General Organic Chemistry II AND CHM 238: General Organic Chemistry Laboratory II | 4 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
|  Complete CHM 113, CHM 116 course(s). | | | |
| Term hours subtotal: | 17 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  LSC 347: Fundamentals of Genetics | 3 | C | <ul style="list-style-type: none"> • Upper Division Biology Electives limited to course list or BIO, ENV, LSC, MIC, PLB or PTX courses with BIO 182 as a prerequisite. Up to three credit hours of LSC 388, LSC 484, LSC/BIO 493, LSC/BIO 499 and BIO 495 may be applied to the requirement. Seek academic advising prior to enrollment. • IAS 300 (3 credit hours) is required for all transfer students. • Thinking about graduate school? Consider registering for a grad school test prep course. • Develop your professional online presence. |
| Upper Division Biology Elective Course | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB) | 3 | | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  BIO 353: Cell Biology | 3 | C | <ul style="list-style-type: none"> • Use Handshake to research employment opportunities. • Complete an in person or virtual practice interview. |
| BIO 320: Fundamentals of Ecology | 3 | C | |
| Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
|  Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ <i>Complete 2 courses:</i> | | | |
| Upper Division Biology Elective Course | 6 | C | <ul style="list-style-type: none"> Upper Division Biology Electives limited to course list or BIO, ENV, LSC, MIC, PLB or PTX courses with BIO 182 as a prerequisite. Up to three credit hours of LSC 388, LSC 484, LSC/BIO 493, LSC/BIO 499 and BIO 495 may be applied to the requirement. Seek academic advising prior to enrollment. Gather professional references. |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Global Awareness (G) | 3 | | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ <i>Complete 2 courses:</i> | | | |
| Upper Division Biology Elective Course | 6 | C | <ul style="list-style-type: none"> Upper Division Biology Electives limited to course list or BIO, ENV, LSC, MIC, PLB or PTX courses with BIO 182 as a prerequisite. Up to three credit hours of LSC 388, LSC 484, LSC/BIO 493, LSC/BIO 499 and BIO 495 may be applied to the requirement. Seek academic advising prior to enrollment. Apply for full-time career opportunities. |
| Historical Awareness (H) | 3 | | |
| Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 15 | | |

Hide Course List(s)/Track Group(s)

| Upper Division Biology Elective Courses | Physics Requirement Set A | Physics Requirement Set B |
|--|---|--|
| BCH 371: Modern Concepts in Biochemistry AND BCH 372: Modern Concepts in Biochemistry Laboratory | PHY 101: Introduction to Physics (SQ) | PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ) |
| BCH Upper Division Elective | GLG 108: Water Planet (SQ) or GLG 101: Introduction to Geology I (Physical) (SQ) AND GLG 103: Introduction to Geology I-Laboratory (SQ) | PHY 112: General Physics (SQ) AND PHY 114: General Physics Laboratory (SQ) |
| BIO 331: Animal Behavior | | |
| BIO 345: Evolution | | |
| BIO 360: Animal Physiology AND LSC 359: Animal Physiology Laboratory | | |
| BIO 370: Vertebrate Zoology | | |
| BIO 385: Comparative Invertebrate Zoology | | |
| BIO 443: Applied Molecular Genetics and Genomics | | |
| BIO 474: Herpetology | | |
| BIO Upper Division Elective | | |
| ENV Upper Division Elective | | |

LSC 363: Genes Race Gender and Society (L)

LSC 369: Biology of Human Sexuality

LSC 388: Research Fundamentals for the Natural Sciences (L) or LSC 484: Internship or LSC 493: Honors Thesis (L) or BIO 493: Honors Thesis (L) or LSC 499: Individualized Instruction or BIO 499: Individualized Instruction or BIO 495: Undergraduate Research

LSC 434: Marine Ecology

LSC Upper Division Elective

MIC 443: The Microbial Universe AND MIC 444: The Microbial Universe Laboratory

MIC Upper Division Elective

PLB 300: Plant Diversity and Evolution (L or SG)

PLB 310: The Flora of Arizona

PLB Upper Division Elective

PTX Upper Division Elective

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map




Biology, BS


School/College: New College of Interdisciplinary Arts and Sciences

Location: West campus, ASU@Lake Havasu

ASLSCBS

| Term 1 0 - 15 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  BIO 181: General Biology I (SQ) | 4 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. NEW 101 satisfies this requirement. • IAS 300 (3 credit hours) is required for all transfer students in place of NEW 101. • Students considering medical school, graduate school, or research are encouraged to enroll in MAT 270 (and 271 the following semester) in place of MAT 210 so that they have a full year of calculus. This may require more than 120 hours to complete the degree. • Select your Career Interest Communities and play me3@ASU. • Activate your Handshake account and build out your profile. |
| CHM 113: General Chemistry I (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 210: Brief Calculus (MA) or MAT 251: Calculus for Life Sciences (MA) OR STP 226: Elements of Statistics (CS) | 3 | C | |
| NEW 101-M: The ASU New College Experience | 1 | | |
| Term hours subtotal: | 15 | | |

| Term 2 15 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  BIO 182: General Biology II (SG) | 4 | C | <ul style="list-style-type: none"> • Students taking MAT 270 AND MAT 271 in place of MAT 210 still must complete a Statistics course. Students wishing to take STP 226 can take MAT 271 in place of STP 226 in term 2, and then take STP 226 in a later term. • Students considering medical school, graduate school, or research are encouraged to enroll in STP 280 (and 281 the following semester) in place of STP 226 so that they have a full year of statistics. Note that MAT 270 and 271 are pre-reqs for STP 280 and 281 respectively. This may require more than 120 hours to complete the degree. • Create a first draft resume. • Join a student club or professional organization. • Secure a part-time job or volunteer experience. |
| CHM 116: General Chemistry II (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 210: Brief Calculus (MA) or MAT 251: Calculus for Life Sciences (MA) OR STP 226: Elements of Statistics (CS) | 3 | C | |
| Elective | 1 | | |
| Term hours subtotal: | 15 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |

| Term 3 30 - 44 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ) | 4 | C | <ul style="list-style-type: none"> • Develop your research skills. |

| | | |
|--|----|---|
| CHM 233: General Organic Chemistry I AND CHM 237: General Organic Chemistry Laboratory I | 4 | C |
| Literacy and Critical Inquiry (L) | 3 | |
| Social-Behavioral Sciences (SB) | 3 | |
| ◆ Complete First-Year Composition requirement. | | |
| ◆ Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 14 | |

- Develop your **professional skills**.
- Build your professional connections - join the **ASU Mentor Network**.

| Term 4 44 - 60 Credit Hours Critical course signified by ◆ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ◆ PHY 112: General Physics (SQ) AND PHY 114: General Physics Laboratory (SQ) | 4 | C | • Explore an internship , an IGLE international experience , or ASU Study Abroad . |
| CHM 234: General Organic Chemistry II AND CHM 238: General Organic Chemistry Laboratory II | 4 | C | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 2 | | |
| ◆ Complete CHM 113, CHM 116 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 5 60 - 76 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ LSC 347: Fundamentals of Genetics AND LSC 348: Fundamentals of Genetics Laboratory | 4 | C | • Upper Division Related Area Electives should be courses for Biology (or related) majors in BIO, ENV, LSC, MIC, PLB or PTX that require BIO 182 as a prerequisite. Courses that do not have BIO 182 as a prerequisite will count toward University Electives. Not from BIO 305, BIO 310, BIO 311, BIO 312, BIO 365, LSC 365 or special topics 394/494. Up to 3 credit hours from LSC 388, LSC 484, LSC/BIO 493, LSC/BIO 499 or BIO 495 may be applied to this requirement. Seek academic advising prior to enrollment. |
| Upper Division Related Area Electives | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB) | 3 | | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 16 | | |

- IAS 300 (3 credit hours) is required for all transfer students.
- Thinking about graduate school? Consider registering for a grad school **test prep course**.
- Develop your **professional online presence**.

| Term 6 76 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ BIO 320: Fundamentals of Ecology AND LSC 322: Fundamentals of Ecology Laboratory OR BIO 353: Cell Biology AND BIO 354: Cell Biology Laboratory | 4 | C | • Students must select a minimum of one lecture or lecture/lab combined course from each one of the three distribution areas: 1. Cellular, Molecular, and Physiological Biology, 2. Integrative Systems Ecology, 3. Organismal Biology. |
| ★ Upper Division Distribution Course | 4 | C | |
| Historical Awareness (H) | 3 | | |
| Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language | 3 | C | |
| Term hours subtotal: | 14 | | |

- Use Handshake to research **employment opportunities**.
- Complete an in person or virtual **practice interview**.

or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal: 14

| Term 7 90 - 106 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ Upper Division Distribution Course | 4 | C | <ul style="list-style-type: none"> • Students must select a minimum of one lecture or lecture/lab combined course from each one of the three distribution areas: 1. Cellular, Molecular, and Physiological Biology, 2. Integrative Systems Ecology, 3. Organismal Biology. • Upper Division Related Area Electives are limited to courses for Biology (or related) majors in BIO, ENV, LSC, MIC, PLB or PTX that require BIO 182 as a prerequisite. Not from BIO 305, BIO 310, BIO 311, BIO 312, BIO 365, LSC 365 or special topics 394/494. Up to 3 credit hours from LSC 388, LSC 484, LSC/BIO 493, LSC/BIO 499 or BIO 495 may be applied to this requirement. Seek academic advising prior to enrollment. • Gather professional references. |
| Upper Division Related Area Electives | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) (ASB 353 OR SOC 353 recommended) | 3 | | |
| Complete 2 courses: Elective | 6 | | |
| Term hours subtotal: | 16 | | |

| Term 8 106 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ BIO 320: Fundamentals of Ecology AND LSC 322: Fundamentals of Ecology Laboratory OR BIO 353: Cell Biology AND BIO 354: Cell Biology Laboratory | 4 | C | <ul style="list-style-type: none"> • Students must select a minimum of one lecture or lecture/lab combined course from each one of the three distribution areas: 1. Cellular, Molecular, and Physiological Biology, 2. Integrative Systems Ecology, 3. Organismal Biology. • Apply for full-time career opportunities. |
| ★ Upper Division Distribution Course | 4 | C | |
| Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 14 | | |

- Students must select a minimum of one lecture or lecture/lab combined course from each of the three distribution areas: 1. Cellular, Molecular and Physiological Biology, 2. Integrative Systems Ecology, and 3. Organismal Biology.

Hide Course List(s)/Track Group(s)

| | | |
|--|--|--|
| Cellular Molecular and Physiological Biology Distribution Course List | Integrative Systems Ecology Distribution Course List | Organismal Biology Distribution Course List |
| BCH 371: Modern Concepts in Biochemistry AND BCH 372: Modern Concepts in Biochemistry Laboratory | BIO 345: Evolution | BIO 331: Animal Behavior |
| | BIO 422: Ecosystem Ecology | BIO 360: Animal Physiology AND LSC 359: Animal Physiology Laboratory |
| Academic Catalog Archive 2020-2021 | | 3187 |

| | | |
|---|--|--|
| BIO 431: Genes Development and Evolution (L) | ENV 410: Soil Science | BIO 370: Vertebrate Zoology |
| BIO 443: Applied Molecular Genetics and Genomics AND LSC 447: Molecular Genetics Laboratory | LSC 362: The Human Environment | BIO 385: Comparative Invertebrate Zoology |
| PTX 301: Basics of Pharmacology and Toxicology | LSC 434: Marine Ecology | BIO 474: Herpetology |
| PTX 432: Fundamentals of Pharmacology or LSC 432: Fundamentals of Pharmacology | PLB 300: Plant Diversity and Evolution (L or SG) | MIC 443: The Microbial Universe AND MIC 444: The Microbial Universe Laboratory |
| | | PLB 302: Plants and Civilization (L) |
| | | PLB 308: Plant Physiology |
| | | PLB 310: The Flora of Arizona |
| Upper Division Related Area Electives | | |
| BCH Upper Division Elective | | |
| BIO Upper Division Elective | | |
| ENV Upper Division Elective | | |
| LSC Upper Division Elective | | |
| MIC Upper Division Elective | | |
| PLB Upper Division Elective | | |
| PTX Upper Division Elective | | |

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map




Biology (Pharmacology/Toxicology), BS



School/College: [New College of Interdisciplinary Arts and Sciences](#)

Location: [West campus](#)

ASLSCPBS

| Term 1 0 - 15 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  BIO 181: General Biology I (SQ) | 4 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. NEW 101 satisfies this requirement. • IAS 300 (3 credit hours) is required for all transfer students in place of NEW 101. • Select your Career Interest Communities and play me3@ASU. • Activate your Handshake account and build out your profile. |
| CHM 113: General Chemistry I (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 210: Brief Calculus (MA) or MAT 251: Calculus for Life Sciences (MA) OR STP 226: Elements of Statistics (CS) | 3 | C | |
| NEW 101-M: The ASU New College Experience | 1 | | |
| Term hours subtotal: | 15 | | |

| Term 2 15 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  BIO 182: General Biology II (SG) | 4 | C | <ul style="list-style-type: none"> • Students taking MAT 270 AND MAT 271 in place of MAT 210 still must complete a Statistics course. Students wishing to take STP 226 can take MAT 271 in place of STP 226 in term 2, and then take STP 226 in a later term. • Students considering medical school, graduate school, or research are encouraged to enroll in STP 280 (and 281 the following semester) in place of STP 226 so that they have a full year of statistics. Note that MAT 270 and 271 are pre-reqs for STP 280 and 281 respectively. This may require more than 120 hours to complete the degree. • Create a first draft resume. • Join a student club or professional organization. • Secure a part-time job or volunteer experience |
| CHM 116: General Chemistry II (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 210: Brief Calculus (MA) or MAT 251: Calculus for Life Sciences (MA) OR STP 226: Elements of Statistics (CS) | 3 | C | |
| Elective | 1 | | |
| Term hours subtotal: | 15 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |

| Term 3 30 - 45 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ) | 4 | C | <ul style="list-style-type: none"> • Develop your research skills. • Develop your professional skills. • Build your professional connections - join the ASU Mentor Network |
| BIO 201: Human Anatomy and Physiology I (SG) | 4 | C | |

| | | |
|--|----|---|
| CHM 233: General Organic Chemistry I AND CHM 237: General Organic Chemistry Laboratory I | 4 | C |
| Literacy and Critical Inquiry (L) | 3 | |
| ❗ Complete CHM 113, CHM 116 course(s). | | |
| ❗ Complete First-Year Composition requirement. | | |
| ❗ Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 15 | |

| Term 4 45 - 60 Credit Hours Critical course signified by ❗ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ❗ PHY 112: General Physics (SQ) AND PHY 114: General Physics Laboratory (SQ) | 4 | C | <ul style="list-style-type: none"> • Explore an internship, an IGLE international experience, or ASU study abroad. |
| BIO 202: Human Anatomy and Physiology II (SG) | 4 | C | |
| CHM 234: General Organic Chemistry II AND CHM 238: General Organic Chemistry Laboratory II | 4 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 5 60 - 76 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ LSC 347: Fundamentals of Genetics AND LSC 348: Fundamentals of Genetics Laboratory | 4 | C | <ul style="list-style-type: none"> • IAS 300 (3 credit hours) is required for all transfer students. • Thinking about graduate school? Consider registering for a grad school test prep course. • Develop your professional online presence. |
| LSC 362: The Human Environment | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB) | 3 | | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 6 76 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ BIO 320: Fundamentals of Ecology AND LSC 322: Fundamentals of Ecology Laboratory | 4 | C | <ul style="list-style-type: none"> • Use Handshake to research employment opportunities. • Complete an in person or virtual practice interview. |
| BIO 353: Cell Biology AND BIO 354: Cell Biology Laboratory | 4 | C | |
| Historical Awareness (H) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 14 | | |

| Term 7 90 - 104 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ BCH 371: Modern Concepts in Biochemistry AND BCH 372: Modern Concepts in Biochemistry Laboratory | 4 | C | <ul style="list-style-type: none"> • Gather professional references. |
| ★ PTX 432: Fundamentals of Pharmacology OR LSC 432: Fundamentals of Pharmacology | 3 | C | |
| MIC 443: The Microbial Universe AND MIC 444: The Microbial Universe Laboratory | 4 | C | |
| Upper Division Language and Cultures: Requirement satisfied through the following: | | | |
| * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition | | | |

to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.

Term hours subtotal: 14

| Term 8 104 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ PTX 475: Principles of Toxicology OR LSC 475: Principles of Toxicology | 3 | | • Apply for full-time career opportunities. |
| BIO 360: Animal Physiology AND LSC 359: Animal Physiology Laboratory | 4 | C | |
| Upper Division Humanities, Arts and Design (HU) AND Global Awareness (G) OR Upper Division Social-Behavioral Sciences (SB) AND Global Awareness (G) (ASB 353 recommended) | 3 | | |
| Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 16 | | |

Hide Course List(s)/Track Group(s)

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

- General Studies Core Requirements:
- Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - Computer/Statistics/Quantitative Applications (CS)
 - Humanities, Arts and Design (HU)
 - Social-Behavioral Sciences (SB)
 - Natural Science - Quantitative (SQ)
 - Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map




Biotechnology and Bioenterprise, BS



School/College: [New College of Interdisciplinary Arts and Sciences](#)

Location: [West campus](#)

ASBITEBS

| Term 1 0 - 15 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  BIO 181: General Biology I (SQ) | 4 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • Focus Area determines MAT course: Biostatistics Focus Area complete MAT 270; Biotechnology or BioentrepreneurshipFocus Area complete MAT 210. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. NEW 101 satisfies this requirement. • IAS 300 (3 credit hours) is required for all transfer students in place of NEW 101. • General Electives credit hours will be adjusted depending on focus area chosen. Discuss with your advisor. • Select your Career Interest Communities and play me3@ASU. • Activate your Handshake account and build out your profile. |
| CHM 113: General Chemistry I (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 210: Brief Calculus (MA) OR MAT 251: Calculus for Life Sciences (MA) OR MAT 270: Calculus with Analytic Geometry I (MA) | 3-4 | C | |
| NEW 101-M: The ASU New College Experience | 1 | | |
| Term hours subtotal: | 15-16 | | |

| Term 2 15 - 29 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  BIO 182: General Biology II (SG) | 4 | C | <ul style="list-style-type: none"> • Focus Area determines STP/MAT course: Biostatistics Focus Area complete MAT 271; Biotechnology or BioentrepreneurshipFocus Area complete STP 226. • Create a first draft resume. • Join a student club or professional organization. • Secure a part-time job or volunteer experience. |
| CHM 116: General Chemistry II (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| STP 226: Elements of Statistics (CS) OR MAT 271: Calculus with Analytic Geometry II (MA) | 3-4 | C | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 14-15 | | |

| Term 3 29 - 43 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|  CHM 233: General Organic Chemistry I AND CHM 237: General Organic Chemistry Laboratory I | 4 | C | |

| | | |
|--|----|---|
| LSC 347: Fundamentals of Genetics AND LSC 348: Fundamentals of Genetics Laboratory | 4 | C |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | |
| TMC 110: Understanding the Enterprise OR Elective | 3 | C |
| ❖ Complete CHM 113 AND CHM 116 course(s). | | |
| ❖ Complete Mathematics (MA) requirement. | | |
| Complete First-Year Composition requirement. | | |
| Term hours subtotal: | 14 | |

- Bioentrepreneurship Focus Area complete TMC 110; other Focus Areas may complete a general elective.
- Develop your **research skills**.
- Develop your **professional skills**.
- Build your professional connections - join the **ASU Mentor Network**.

| Term 4 43 - 61 Credit Hours Critical course signified by ❖ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ❖ CHM 234: General Organic Chemistry II AND CHM 238: General Organic Chemistry Laboratory II | 4 | C | <ul style="list-style-type: none"> • Explore an internship, an IGLE international experience, or ASU Study Abroad. |
| ❖ Focus Area Course | 4-3 | C | |
| PHY 101: Introduction to Physics (SQ) | 4 | C | |
| TEM 230: Creativity and Business Innovation | 3 | C | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 18-17 | | |

| Term 5 61 - 74 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ BIO 353: Cell Biology AND BIO 354: Cell Biology Laboratory | 4 | C | <ul style="list-style-type: none"> • Thinking about graduate school? Consider registering for a grad school test prep course. • Develop your professional online presence. |
| Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 13 | | |

| Term 6 74 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ Focus Area Course | 4-3 | C | <ul style="list-style-type: none"> • General Electives credit hours will be adjusted depending on chosen Focus Area. Discuss with your academic advisor. • IAS 300 (3 credit hours) is required for all transfer students. • Use Handshake to research employment opportunities. • Complete an in person interview or virtual practice interview. |
| Literacy and Critical Inquiry (L) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Upper Division Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 16-15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ MIC 443: The Microbial Universe AND MIC 444: The Microbial Universe Laboratory | 4 | C | <ul style="list-style-type: none"> • Focus Area Course: Biostatistics and Bioentrepreneurship Focus Area have remaining credits hours to take. General Electives credit hours will be adjusted. Discuss with your academic advisor. • Gather professional references. |
| Focus Area Course | 2-0 | C | |
| Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| Term hours subtotal: | | | |

| | |
|--|-------|
| Complete 2 courses: Upper Division Elective | 6 |
| Term hours subtotal: | 15-13 |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ LSC 484: Internship | 3 | C | • Apply for full-time career opportunities. |
| Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Complete 2 courses: Upper Division Elective | 6 | | |
| Term hours subtotal: | 15 | | |

- Students select one Focus Area and complete all courses listed for that Focus Area. General Electives credits hour will be adjusted depending on chosen Focus Area. Please consult your advisor.

Hide Course List(s)/Track Group(s)

| Bioentrepreneurship Focus Area | Biostatistics Focus Area | Biotechnology Focus Area |
|--------------------------------------|--|--|
| TMC 310: Promotion of the Enterprise | STP 280: Probability and Statistics for Researchers (CS) | BCH 371: Modern Concepts in Biochemistry AND BCH 372: Modern Concepts in Biochemistry Laboratory |
| TMC 320: Funding the Enterprise | STP 281: Statistical Analysis for Researchers | BIO 443: Applied Molecular Genetics and Genomics AND LSC 447: Molecular Genetics Laboratory |
| TMC 330: Leading the Enterprise | STP 310: Design and Analysis of Experiments | |

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

- General Studies Core Requirements:
- Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - Computer/Statistics/Quantitative Applications (CS)
 - Humanities, Arts and Design (HU)
 - Social-Behavioral Sciences (SB)
 - Natural Science - Quantitative (SQ)
 - Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition



General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map Communication, BA






School/College: New College of Interdisciplinary Arts and Sciences

Location: West campus, ASU@Lake Havasu



ASCOMMBA



| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  COM 100: Introduction to Human Communication (SB) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. NEW 101 satisfies this requirement. • IAS 300 (3 credit hours) is required for all transfer students in place of NEW 101. • Select your Career Interest Communities and play me3@ASU. • Activate your Handshake account and build out your profile. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| NEW 101-S: The ASU New College Experience | 1 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 16 | | |




| Term 2 16 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  COM 225: Public Speaking (L) | 3 | C | <ul style="list-style-type: none"> • Create a first draft resume. • Join a student club or professional organization. • Secure a part-time job or volunteer experience. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Global Awareness (G) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 48 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  COM 207: Introduction to Communication Inquiry | 3 | C | <ul style="list-style-type: none"> • Develop your research skills. • Develop your professional skills. • Build your professional connections - join the ASU Mentor Network. |
|  COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions | 3 | C | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
|  Complete First-Year Composition requirement. | | | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| | Minimum |
|--|---------|
|--|---------|

| Term 4 48 - 63 Credit Hours Critical course signified by  | Hours | Grade | Notes |
|---|-------|-------|--|
|  Communication Focus Area or Communication Elective Course | 3 | C | <ul style="list-style-type: none"> Explore an internship, an IGLE international experience, or ASU Study Abroad. |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| <i>Complete 3 courses:</i> | | | |
| Elective | 9 | | |
| Term hours subtotal: | 15 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  COM 308: Advanced Research Methods in Communication (L) OR COM 309: Rhetorical, Interpretive, and Critical Methods in Communication | 3 | C | <ul style="list-style-type: none"> IAS 300 (3 credit hours) is required for all transfer students. Thinking about graduate school? Consider registering for a grad school test prep course. Develop your professional online presence. |
| <i>Complete 2 courses:</i> | | | |
| Upper Division Communication Focus Area or Communication Elective Course | 6 | C | |
| Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  COM 308: Advanced Research Methods in Communication (L) OR COM 309: Rhetorical, Interpretive, and Critical Methods in Communication | 3 | C | <ul style="list-style-type: none"> Use Handshake to research employment opportunities. Complete an in person interview or virtual practice interview. |
| Communication Focus Area or Communication Elective Course | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| Upper Division Elective | 3 | | |
|  Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| <i>Complete 2 courses:</i> | | | <ul style="list-style-type: none"> Gather professional references. |
|  Upper Division Communication Focus Area or Communication Elective Course | 6 | C | |
| Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |

Complete 2 courses: 6
 Elective

Term hours subtotal: 15

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

Complete 2 courses:

| | | | |
|--|---|---|---|
| ★ Upper Division Communication Focus Area or Communication Elective Course | 6 | C | • Apply for full-time career opportunities. |
|--|---|---|---|

Complete 2 courses:

| | | | |
|-------------------------|---|--|--|
| Upper Division Elective | 6 | | |
|-------------------------|---|--|--|

Term hours subtotal: 12

Students may fulfill major requirements by choosing one or more focus area. Each focus area will require 12 credit hour of coursework that combines required courses (3-6 credit hours) and recommended electives (3-9 credit hours). See course lists for elective requirements. Required courses for each focus area include:

Public Relations, Risk, and Strategic Communication focus area: COM 415 Risk Communication AND COM 454 Rhetorical and Critical Approaches to Public Relations

Media, Culture, and Social Technology focus area: COM 124 Media and Culture AND COM 457 New Media

Dialogue, Relationships, and Communities focus area: COM 312 Communication, Conflict and Negotiation OR COM 463 Intercultural Communication in a Global Context

Communication Training and Mentoring focus area: COM 383 Communication and Mentoring AND COM 453 Communication Training and Development

Sport Communication focus area: COM 294 Sport Communication OR SOC 220 Sport and Society AND COM 477 Sport, Culture and Discourses

Students can take up to 6 credit hours in the Major Electives from courses designated as COM Experiential Electives. An additional 6 credit hours of Experiential Electives may be taken outside the major, for a total of no more than 12 credit hours of Experiential Electives to be used towards graduation. No more than 6 credit hours of COM 498 may be used to meet major requirements. See an academic advisor prior to enrollment.

Hide Course List(s)/Track Group(s)

| | | |
|---|--|--|
| Public Relations Risk & Strategic Communication Focus Area (COM 415 AND COM 454 required) | Media Culture and Social Technology (COM 124 AND COM 457 are required) | Dialogue Relationships and Communities Focus Area (COM 312 OR COM 463 required) |
| COM 415: Risk Communication AND COM 454: Rhetorical and Critical Approaches to Public Relations | COM 124: Media and Culture (C) AND COM 457: New Media | COM 312: Communication Conflict and Negotiation or COM 463: Intercultural Communication in a Global Context (SB & G) |
| COM 319: Persuasion and Social Influence (SB) | COM 316: Gender and Communication (SB & C) | COM 310: Relational Communication (SB) |
| COM 320: Communication and Consumerism (SB) | COM 324: Rhetoric and Media Criticism | COM 316: Gender and Communication (SB & C) |
| COM 353: Professional Communication | COM 371: Language Culture and Communication (SB & C & G) | COM 371: Language Culture and Communication (SB & C & G) |
| COM 414: Crisis Communication | COM 416: Gender and Race in the Media | COM 411: Communication in the Family (SB) |
| COM 422: Advanced Argumentation (L) | COM 424: Television Studies and Criticism | COM 417: Communication and Aging |
| COM 429: Semiotics and Visual Communication | COM 429: Semiotics and Visual Communication | COM 422: Advanced Argumentation (L) |
| COM 450: Organizational Communication (SB) | COM 455: Surveillance and Popular Culture | COM 423: Facilitating Collaboration and Dialogue |
| | COM 463: Intercultural Communication in a Global Context (SB & G) | |

| | | |
|--|---|---|
| COM 453: Communication Training and Development | COM 471: Global Media and Cultural Identity (G) | COM 430: Leadership in Group Communication |
| COM 457: New Media | COM 477: Sport Culture and Discourses | COM 432: Forgiveness and Reconciliation |
| | COM 494: Crime Communication and Media | COM 451: Communication and Work Relationships |
| Communication Training and Mentoring Focus Area (COM 383 AND COM 453 required) | Sport Communication Focus Area (COM 294 or SOC 220 AND COM 477 required) | Communication Experiential Electives (Maximum 6 credit hours towards major) |
| COM 383: Communication and Mentoring AND COM 453: Communication Training and Development | COM 294: Sport Communication or SOC 220: Sport and Society (SB) AND COM 477: Sport Culture and Discourses | COM 294: Introduction to Communication and Mentoring |
| COM 312: Communication Conflict and Negotiation | AFR 375: Race Gender and Sport (SB & C) | COM 314: Inner-City Families: The Cycle of Poverty |
| COM 316: Gender and Communication (SB & C) | COM 394: Soccer: The Global Game | COM 382: Classroom Apprenticeship |
| COM 325: Advanced Public Speaking (L) | COM 494: Interpersonal & Family Communication in Sport | COM 383: Communication and Mentoring |
| COM 430: Leadership in Group Communication | COM 494: Social Media & Sport Communication | COM 483: Advanced Communication and Mentoring |
| COM 451: Communication and Work Relationships | COM 494: Com in Sport Org | COM 484: Internship |
| COM 463: Intercultural Communication in a Global Context (SB & G) | HST 377: Sports in United States History | COM 499: Individualized Instruction |
| COM 483: Advanced Communication and Mentoring | NEW 300: International Cities Barcelona | |

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map




Communication, BS





School/College: New College of Interdisciplinary Arts and Sciences

Location: West campus, ASU@Lake Havasu

ASCOMMBS

| Term 1 0 - 15 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  COM 100: Introduction to Human Communication (SB) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • Student should consult an advisor on (MA) course selection to ensure pre-requisites for selected Statistics/Research requirement are met. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. NEW 101 satisfies this requirement. • IAS 300 (3 credit hours) is required for all transfer students in place of NEW 101. • Select your Career Interest Communities and play me3@ASU. • Activate your Handshake account and build out your profile. |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| MAT 142: College Mathematics (MA) OR Mathematics (MA) | 3 | C | |
| NEW 101-S: The ASU New College Experience | 1 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Elective | 2 | | |
| Term hours subtotal: | 15 | | |

| Term 2 15 - 29 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  COM 225: Public Speaking (L) | 3 | C | <ul style="list-style-type: none"> • Create a first draft resume. • Join a student club or professional organization. • Secure a part-time job or volunteer experience. |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| Global Awareness (G) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 1 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 14 | | |

| Term 3 29 - 45 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  COM 207: Introduction to Communication Inquiry | 3 | C | <ul style="list-style-type: none"> • Student should select PSY 101 to meet (SB) requirement if interested in taking PSY 230 to satisfy 3 credit hours of Statistics/Research requirement. • Develop your research skills. • Develop your professional skills. • Build your professional connections - join the ASU Mentor Network. |
| COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions | 3 | C | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Social-Behavioral Sciences (SB) OR PSY 101: Introduction to Psychology (SB) | 3 | C | |
|  Complete First-Year Composition requirement. | | | |
|  Complete Mathematics (MA) requirement. | | | |

Term hours subtotal: 16

| Term 4 45 - 60 Credit Hours Critical course signified by ⚠ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ⚠ PSY 230: Introduction to Statistics (CS) OR STP 226: Elements of Statistics (CS) | 3 | C | <ul style="list-style-type: none"> Explore an internship, an IGLE international experience, or ASU Study Abroad. |
| Historical Awareness (H) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Complete 2 courses: Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ COM 308: Advanced Research Methods in Communication (L) OR COM 309: Rhetorical, Interpretive, and Critical Methods in Communication | 3 | C | <ul style="list-style-type: none"> IAS 300 (3 credit hours) is required for all transfer students. Thinking about graduate school? Consider registering for a grad school test prep course. Develop your professional online presence. |
| ★ PSY 330: Statistical Methods (CS) OR SBS 304: Social Statistics I (CS) OR STP 420: Introductory Applied Statistics (CS) | 3 | C | |
| Complete 2 courses: Communication Focus Area or Communication Elective Course | 6 | C | |
| Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ COM 308: Advanced Research Methods in Communication (L) OR COM 309: Rhetorical, Interpretive, and Critical Methods in Communication | 3 | C | <ul style="list-style-type: none"> Use Handshake to research employment opportunities. Complete an in person interview or virtual practice interview. |
| Complete 2 courses: Upper Division Communication Focus Area or Communication Elective Course | 6 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | C | |
| Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| Complete 2 courses: ★ Upper Division Communication Focus Area or Communication Elective Course | 6 | C | <ul style="list-style-type: none"> Gather professional references. |
| Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition | | | |

to the courses used to meet the University General Studies requirements 3 C
 or four (4) sequential semesters of one foreign language or two (2)
 semesters of a current computer language. Adjustment to upper division
 hours is required if lower division courses are used.

| | |
|----------------------|----|
| Complete 2 courses: | 6 |
| Elective | |
| Term hours subtotal: | 15 |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| Complete 2 courses: | | | |
| ★ Upper Division Communication Focus Area or Communication Elective Course | 6 | C | • Apply for full-time career opportunities. |
| Upper Division Elective OR COM 484: Internship | 3 | | |
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

Students may fulfill major requirements by choosing one or more focus area. Each focus area will require 12 credit hour of coursework that combines required courses (3-6 credit hours) and recommended electives (3-9 credit hours). See course lists for elective requirements. Required courses for each focus area include:

Public Relations, Risk, and Strategic Communication focus area: COM 415 Risk Communication AND COM 454 Rhetorical and Critical Approaches to Public Relations

Media, Culture, and Social Technology focus area: COM 124 Media and Culture AND COM 457 New Media.

Dialogue, Relationships, and Communities focus area: COM 312 Communication, Conflict and Negotiation OR COM 463 Intercultural Communication in a Global Context

Communication Training and Mentoring focus area: COM 383 Communication and Mentoring AND COM 453 Communication Training and Development

Sport Communication focus area: COM 294 Sport Communication OR SOC 220 Sport and Society AND COM 477 Sport, Culture and Discourses

Students can take up to 6 credit hours in the Major Electives from courses designated as COM Experiential Electives. An additional 6 credit hours of Experiential Electives may be taken outside the major, for a total of no more than 12 credit hours of Experiential Electives to be used towards graduation. No more than 6 credit hours of COM 498 may be used to meet major requirements. See an academic advisor prior to enrollment.

Hide Course List(s)/Track Group(s)

| | | |
|---|--|--|
| Public Relations Risk & Strategic Communication Focus Area (COM 415 AND COM 454 required) | Media Culture and Social Technology (COM 124 and COM 457 are required) | Dialogue Relationships and Communities Focus Area (COM 312 or COM 463 required) |
| COM 415: Risk Communication AND COM 454: Rhetorical and Critical Approaches to Public Relations | COM 124: Media and Culture (C) AND COM 457: New Media | COM 312: Communication Conflict and Negotiation or COM 463: Intercultural Communication in a Global Context (SB & G) |
| COM 319: Persuasion and Social Influence (SB) | COM 316: Gender and Communication (SB & C) | COM 310: Relational Communication (SB) |
| COM 320: Communication and Consumerism (SB) | COM 324: Rhetoric and Media Criticism | COM 316: Gender and Communication (SB & C) |
| COM 353: Professional Communication | COM 371: Language Culture and Communication (SB & C & G) | COM 371: Language Culture and Communication (SB & C & G) |
| COM 414: Crisis Communication | COM 416: Gender and Race in the Media | COM 411: Communication in the Family (SB) |
| | COM 424: Television Studies and Criticism | COM 417: Communication and Aging |

| | | |
|--|---|---|
| COM 422: Advanced Argumentation (L) | COM 429: Semiotics and Visual Communication | COM 422: Advanced Argumentation (L) |
| COM 429: Semiotics and Visual Communication | COM 455: Surveillance and Popular Culture | COM 423: Facilitating Collaboration and Dialogue |
| COM 450: Organizational Communication (SB) | COM 463: Intercultural Communication in a Global Context (SB & G) | COM 430: Leadership in Group Communication |
| COM 453: Communication Training and Development | COM 471: Global Media and Cultural Identity (G) | COM 432: Forgiveness and Reconciliation |
| COM 457: New Media | COM 477: Sport Culture and Discourses | COM 451: Communication and Work Relationships |
| | COM 494: Crime Communication and Media | |
| Communication Training and Mentoring Focus Area (COM 383 AND COM 453 required) | Sport Communication Focus Area (COM 294 or SOC 220 AND COM 477 required) | Communication Experiential Electives - Maximum 6 credit hours towards major |
| COM 383: Communication and Mentoring AND COM 453: Communication Training and Development | COM 294: Sport Communication or SOC 220: Sport and Society (SB) AND COM 477: Sport Culture and Discourses | COM 294: Introduction to Communication and Mentoring |
| COM 312: Communication Conflict and Negotiation | AFR 375: Race Gender and Sport (SB & C) | COM 314: Inner-City Families: The Cycle of Poverty |
| COM 316: Gender and Communication (SB & C) | COM 394: Soccer: The Global Game | COM 382: Classroom Apprenticeship |
| COM 325: Advanced Public Speaking (L) | COM 494: Interpersonal & Family Communication in Sport | COM 383: Communication and Mentoring |
| COM 430: Leadership in Group Communication | COM 494: Social Media & Sport Communication | COM 484: Internship |
| COM 451: Communication and Work Relationships | COM 494: Com in Sport Org | COM 483: Advanced Communication and Mentoring |
| COM 463: Intercultural Communication in a Global Context (SB & G) | HST 377: Sports in United States History | COM 499: Individualized Instruction |
| COM 483: Advanced Communication and Mentoring | NEW 300: International Cities Barcelona | |

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map





Computational Forensics, BS




School/College: New College of Interdisciplinary Arts and Sciences



Location: West campus

ASCPFBS

| Term 1 0 - 15 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ACO 101: Introduction to Computer Science (CS) | 3 | C | <ul style="list-style-type: none"> An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. Mathematics Placement Assessment score determines placement in mathematics course. ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. NEW 101 satisfies this requirement. IAS 300 (3 credit hours) is required for all transfer students in place of NEW 101. Select your career interest area and play me3@ASU. Activate your Handshake account and build out your profile. |
|  MAT 270: Calculus with Analytic Geometry I (MA) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| FOR 105: Physical Evidence and the Crime Scene (SQ) | 4 | C | |
| NEW 101-M: The ASU New College Experience | 1 | | |
| Term hours subtotal: | 15 | | |

| Term 2 15 - 29 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  ACO 102: Object-Oriented Programming (CS) | 3 | C | <ul style="list-style-type: none"> Create a first draft resume. Join a student club or professional organization Secure a part-time job or volunteer experience. |
|  MAT 271: Calculus with Analytic Geometry II (MA) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| FOR 106: Biology Behind the Crime Scene (SQ) | 4 | C | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 14 | | |

| Term 3 29 - 45 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  MAT 272: Calculus with Analytic Geometry III (MA) | 4 | C | <ul style="list-style-type: none"> Develop your research skills. Develop your professional skills. Build your professional connections - join the ASU Mentor Network. |
| ACO 131: Global Cybersecurity (G) | 3 | C | |
| ACO 201: Data Structures and Algorithms (CS) | 3 | C | |
| STP 280: Probability and Statistics for Researchers (CS) | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
|  Complete First-Year Composition requirement. Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 45 - 60 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  MAT 275: Modern Differential Equations (MA) | 3 | C | <ul style="list-style-type: none"> Explore an internship, ASU study abroad, or an IGLE international experience. |
| ACO 240: Introduction to Programming Languages | 3 | C | |

MAT 243: Discrete Mathematical Structures OR MAT 300: Mathematical Structures (L) 3 C

STP 281: Statistical Analysis for Researchers 3 C

Social-Behavioral Sciences (SB) 3

Term hours subtotal: 15

| Term 5 60 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

★ ACO 320: Database Systems 3 C

MAT 343: Applied Linear Algebra 3 C

STP 310: Design and Analysis of Experiments 3 C

STP 311: Regression and Time Series Analyses 3 C

Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB) 3

Term hours subtotal: 15

- IAS 300 (3 credit hours) is required for all transfer students in place of NEW 101.
- Thinking about graduate school? Consider registering for a graduate test prep course.
- Develop your professional online presence

| Term 6 75 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

★ MAT 350: Techniques and Applications of Applied Mathematics 3 C

STP 450: Nonparametric Statistics 3 C

Humanities, Arts and Design (HU) 3

Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) 3

Upper Division Elective 3

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal: 15

- Use Handshake to research employment opportunities.
- Complete an in-person or virtual practice interview.

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

★ ACO 423: Data Science 3 C

Complete 2 courses:
Upper Division Computational Forensics Elective 6-8 C

Humanities, Arts and Design (HU) AND Historical Awareness (H) 3

Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) 3

Term hours subtotal: 15-17

- Gather professional references.

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

★ FOR 350: Computer Forensics 3 C

Complete 2 courses:
Computational Forensics Elective 6-8 C

Complete 2 courses:
Upper Division Elective 6

Term hours subtotal: 15-17

- Apply for full-time career opportunities.

Hide Course List(s)/Track Group(s)

Computational Forensics Elective

| | |
|--|--|
| BIO 181: General Biology I (SQ) | Upper Division Computational Forensics Elective |
| BIO 182: General Biology II (SG) | |
| CHM 113: General Chemistry I (SQ) | FOR 402: Forensic Biology |
| CHM 116: General Chemistry II (SQ) | LSC 347: Fundamentals of Genetics AND LSC 348: Fundamentals of Genetics Laboratory |
| CHM 233: General Organic Chemistry I AND CHM 237: General Organic Chemistry Laboratory I | MAT 421: Applied Computational Methods (CS) |
| CHM 234: General Organic Chemistry II AND CHM 238: General Organic Chemistry Laboratory II | MAT 450: Mathematical Models in Biology |
| FOR 286: Principles of Forensic Science | MAT 452: Introduction to Chaos and Nonlinear Dynamics |
| FOR 402: Forensic Biology | |
| LSC 347: Fundamentals of Genetics AND LSC 348: Fundamentals of Genetics Laboratory | |
| MAT 421: Applied Computational Methods (CS) | |
| MAT 450: Mathematical Models in Biology | |
| MAT 452: Introduction to Chaos and Nonlinear Dynamics | |

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map



Conflict Resolution, BA





School/College: New College of Interdisciplinary Arts and Sciences

Location: West campus

ASCNRBA

| Term 1 0 - 13 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  COM 100: Introduction to Human Communication (SB) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. NEW 101 satisfies this requirement. • IAS 300 (3 credit hours) is required for all transfer students in place of NEW 101. • Select your Career Interest Communities and play me3@ASU. • Activate your Handshake account and build out your profile. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| NEW 101-S: The ASU New College Experience OR NEW 101-H: The ASU New College Experience | 1 | | |
| Mathematics (MA) | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 13 | | |

| Term 2 13 - 29 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  Conflict Resolution Focus Area Course | 3 | C | <ul style="list-style-type: none"> • Conflict Resolution Focus Area: complete 12 credit hours from each of two different tracks. • Create a first draft resume. • Join a student club or professional organization. • Secure a part-time job or volunteer experience. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 3 29 - 45 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  Conflict Resolution Focus Area Course | 3 | C | <ul style="list-style-type: none"> • Conflict Resolution Focus Area: complete 12 credit hours from each of two different tracks. • Develop your research skills. • Develop your professional skills. • Build your professional connections - join the ASU Mentor Network. |
| Historical Awareness (H) | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | C | |
|  Complete First-Year Composition requirement. | | | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 45 - 60 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|---|----|---|
| ❖ PAX 230: Introduction to Peace Studies (G) OR JHR 100: Introduction to Social Justice and Human Rights (SB & G) | 3 | C |
| Conflict Resolution Program Elective | 3 | C |
| Humanities, Arts and Design (HU) | 3 | C |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | |
| Elective | 3 | |
| Term hours subtotal: | 15 | |

- Conflict Resolution Program Elective: choose a course from any track area.
- Explore an **internship**, an **IGLE international experience**, or **ASU Study Abroad**.

| Term 5 60 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ COM 312: Communication, Conflict, and Negotiation | 3 | C | <ul style="list-style-type: none"> • IAS 300 (3 credit hours) is required for all transfer students. • Thinking about graduate school? Consider registering for a grad school test prep course. • Develop your professional online presence. |
| Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB) | 3 | C | |
| Upper Division Elective | 3 | | |
| Complete 2 courses: Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ COM 310: Relational Communication (SB) | 3 | C | <ul style="list-style-type: none"> • Conflict Resolution Focus Area: students must complete 12 credit hours from each of two different tracks. • Conflict Resolution Program Elective: choose a course from any track area. • Use Handshake to research employment opportunities. • Complete an in person or virtual practice interview. |
| Complete 2 courses: Upper Division Conflict Resolution Focus Area Course | 6 | C | |
| Conflict Resolution Program Elective | 3 | C | |
| Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ Complete 2 courses: Upper Division Conflict Resolution Focus Area Course | 6 | C | <ul style="list-style-type: none"> • Conflict Resolution Focus Area: complete 12 credit hours from each of two different tracks. • Gather professional references. |
| Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| Complete 2 courses: Upper Division Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|--|----|---|
| ★ NEW 484: Internship OR NEW 493: Honors Thesis (L) OR NEW 499: Individualized Instruction | 3 | C |
| ★ Complete 2 courses: Upper Division Conflict Resolution Focus Area Course | 6 | C |
| Complete 2 courses: Elective | 6 | |
| Term hours subtotal: | 15 | |

- Conflict Resolution Focus Area: complete 12 credit hours from each of two different tracks.
- Apply for full-time career opportunities.

- Conflict Resolution focus area: students must complete 12 credit hours from each of two different tracks.

Hide Course List(s)/Track Group(s)

| Communication and Ethics | Global Awareness and Historical Context | Interpersonal Dynamics |
|---|---|---|
| COM 230: Small Group Communication (SB) | HST 355: Total War and the Crisis of Modernity (SB & G & H) | COM 263: Elements of Intercultural Communication (SB & C & G) |
| COM 414: Crisis Communication | HST 360: The Crusades: Religion & Conflict in the Middle Ages (SB & H) | COM 316: Gender and Communication (SB & C) |
| COM 415: Risk Communication | HST 454: History of Genocide (G & H) | COM 317: Nonverbal Communication (SB) |
| COM 430: Leadership in Group Communication | IAP 307: Art and War (HU & G) | COM 353: Professional Communication |
| ENG 456: Studies in Forensic Linguistics or PAX 456: Studies in Forensic Linguistics or SBS 456: Studies in Forensic Linguistics | LAS 481: Dictatorships and Dirty Wars: Latin American Cinema from Resistance to Reconciliation (HU & G) | COM 371: Language Culture and Communication (SB & C & G) |
| IAS 406: Moral Dilemmas (L or HU) or PHI 406: Moral Dilemmas (L or HU) | POS 260: Current Issues in International Politics ((L or SB) & G) | COM 423: Facilitating Collaboration and Dialogue |
| PHI 306: Applied Ethics (HU) | POS 480: Global Justice (G) or SBS 480: Global Justice (G) | COM 432: Forgiveness and Reconciliation |
| PHI 360: Business and Professional Ethics (HU) | SOC 445: Globalization Development and Resistance (SB & G) | COM 451: Communication and Work Relationships |
| | | IAS 305: Work and Identity (SB) |
| | | PHI 360: Business and Professional Ethics (HU) |
| Politics and Social Problems | | |
| AMS 380: Race Gender and Class (SB & C) or ETH 380: Race Gender and Class (SB & C) or WST 380: Race Gender and Class (SB & C) | | |
| AMS 449: Hate Speech Manifestos and Radical Writings (SB & C) or ETH 449: Hate Speech Manifestos and Radical Writings (SB & C) or WST 449: Hate Speech Manifestos and Radical Writings (SB & C) | | |
| ENG 456: Studies in Forensic Linguistics or PAX 456: Studies in Forensic Linguistics or SBS 456: Studies in Forensic Linguistics | | |
| POS 230: Current Issues in National Politics (L or SB) | | |
| POS 470: Law and the Political Order (SB) | | |

POS 475: Morality and Politics

SOC 241: Modern Social Problems (SB)

SOC 270: Racial and Ethnic Relations (SB & C)

SOC 352: Social Change (SB & G & H)

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map



Disability Studies, BA





School/College: New College of Interdisciplinary Arts and Sciences



Location: West campus

ASDISASBA

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  DST 101: Introduction to Disability Studies | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. NEW 101 satisfies this requirement. • IAS 300 (3 credits) is required for all transfer students in place of NEW 101. • Select your career interest communities and play me3@ASU. |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| NEW 101-H: The ASU New College Experience | 1 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Complete 2 courses: | 6 | | |
| Elective | | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 3 31 - 47 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  HRC 200: Introduction to Social and Cultural Analysis (SB & C) | 3 | C | <ul style="list-style-type: none"> • Develop your skills. |
| Historical Awareness (H) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
|  Complete First-Year Composition requirement. | | | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 47 - 63 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  Global Awareness (G) | 3 | | <ul style="list-style-type: none"> • Explore an internship, an IGLE international experience or ASU Study Abroad. |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Social-Behavioral Sciences (SB) | 3 | | |

Complete 2 courses: 6
 Elective

Term hours subtotal: 16

| Term 5 63 - 78 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ HRC 310: Social and Cultural Studies: Method and Theory (C) | 3 | C | <ul style="list-style-type: none"> • IAS 300 (3 credit hours) is required for all transfer students. • Develop your professional online presence. |
| ★ Complete 2 courses: Upper Division Disability Studies Electives | 6 | C | |
| Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ DST 322: Social and Cultural Implications of the Many Forms of Disability OR DST 458: Disability and Communication Advocacy | 3 | C | <ul style="list-style-type: none"> • Use Handshake to research employment opportunities. |
| ★ Complete 2 courses: Upper Division Disability Studies Electives | 6 | C | |
| Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ Complete 2 courses: Upper Division Disability Studies Electives | 6 | C | |
| Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| Upper Division Social-Behavioral Sciences (SB) OR Upper Division Humanities, Arts and Design (HU) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ HRC 480: Capstone: Practices and Approaches (L) OR IAS 484: Internship | 3 | C | |
| Complete 2 courses: | | | |

| | | |
|---|----|---|
| ★ Upper Division Disability Studies Electives | 6 | C |
| Elective | 3 | |
| Term hours subtotal: | 12 | |

Hide Course List(s)/Track Group(s)

Upper Division Disability Studies Electives

AMS 449: Hate Speech Manifestos and Radical Writings (SB & C) or ETH 449: Hate Speech Manifestos and Radical Writings (SB & C) or WST 449: Hate Speech Manifestos and Radical Writings (SB & C)

AMS 469: Abject Bodies and the Politics of Trash (SB & C) or ETH 469: Abject Bodies and the Politics of Trash (SB & C) or WST 469: Abject Bodies and the Politics of Trash (SB & C)

ASB 339: Grassroots Social Movements (SB) or SBS 339: Grassroots Social Movements (SB) or SOC 339: Grassroots Social Movements (SB) or POS 339: Grassroots Social Movements (SB)

BIO 312: Bioethics (HU) or IAS 340: Bioethics (HU) or PHI 320: Bioethics (HU)

COM 421: Rhetoric of Social Issues (HU)

DST 322: Social and Cultural Implications of the Many Forms of Disability or DST 458: Disability and Communication Advocacy

ENG 469: Science and Literature (L or HU)

HRC 494: Veterans and Critical Disability Studies

IAP 464: Media and Diversity (HU & G)

IAP 494: Accessibility in Digital Arts and Design

IAP 494: Disability and Aesthetics

JUS 301: Research in Justice Studies (SB)

JUS 437: The Social Construction of Disability and Justice

JUS 494: Policy Advocacy and Disability

SOC 352: Social Change (SB & G & H)

SOC 400: Perspectives on Aging (SB)

SOC 426: Social Inequality (SB)

WST 444: Gender Health and Bodies (SB)

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.









2020 - 2021 Major Map

English, BA

School/College: New College of Interdisciplinary Arts and Sciences

Location: West campus

ASENGBA

| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|--------------|----------------------|---|
|  ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. NEW 101 satisfies this requirement. • IAS 300 (3 credits) is required for all transfer students in place of NEW 101. • Select your Career Interest Communities and play me3@ASU. • Activate your Handshake account and build out your profile. |
| MAT 142: College Mathematics (MA) | 3 | C | |
| NEW 101-H: The ASU New College Experience | 1 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 14 | | |
| Term 2 14 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • Create a first draft resume. • Join a student club or professional organization. • Secure a part-time job or volunteer experience. |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |
| Term 3 30 - 45 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  ENG 200: Critical Reading and Writing About Literature (L or HU) | 3 | C | <ul style="list-style-type: none"> • Develop your research skills. • Develop your professional skills. • Build your professional connections - join the ASU Mentor Network. |
| ENG Elective | 3 | C | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Global Awareness (G) | 3 | | |
| Elective | 3 | | |
|  Complete Mathematics (MA) requirement. Complete First-Year Composition requirement. | | | |
| Term hours subtotal: | 15 | | |
| Term 4 45 - 60 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |

| | | |
|-----------------------------------|----|---|
| ❗ <i>Complete 2 courses:</i> | 6 | C |
| ENG Elective | | |
| Historical Awareness (H) | 3 | |
| Humanities, Arts and Design (HU) | 3 | |
| Literacy and Critical Inquiry (L) | 3 | |
| Term hours subtotal: | 15 | |

- Explore an **internship**, an **IGLE international experience**, or **ASU Study Abroad**

| Term 5 60 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ Upper Division Identities, Communities, & Social Practices | 3 | C | <ul style="list-style-type: none"> • An ENG upper division special topics course will satisfy the Identities, Communities, and Social Practices requirement if the course topic focuses explicitly upon issues of identities, communities, and social practice; please see your academic advisor before enrollment. • IAS 300 (3 credit hours) is required for all transfer students. • Thinking about graduate school? Consider registering for a grad school test prep course. • Develop your professional online presence. |
| <i>Complete 2 courses:</i> | 6 | C | |
| ENG Upper Division Elective | | | |
| Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB) | 3 | | |
| Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ Theories and Practices of Writing | 3 | C | <ul style="list-style-type: none"> • An ENG upper division special topics course will satisfy the Transnational, Linguistic, & Textual Circulation requirement if the course topic focuses explicitly upon issues of transnationalism & textual circulation; please see your academic advisor before enrollment. • Use Handshake to research employment opportunities. • Complete an in person or virtual practice interview. |
| ★ Transnational, Linguistic, & Textual Circulation | 3 | C | |
| <i>Complete 2 courses:</i> | 6 | C | |
| ENG Upper Division Elective | | | |
| Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ ENG Upper Division Elective | 3 | C | <ul style="list-style-type: none"> • Gather professional references. |
| Literature & Culture, Pre-1860 OR Literature & Culture, Post-1860 | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Elective OR IAS 484: Internship | 3 | | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| | | Minimum | |
|--|--|---------|--|
|--|--|---------|--|

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Grade | Notes |
|---|-------|-------|---|
| ★ ENG Upper Division Elective | 3 | C | • Apply for full-time career opportunities. |
| Literature & Culture, Pre-1860 OR Literature & Culture, Post-1860 | 3 | C | |
| Complete 2 courses: | 6 | | |
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

- Students will complete one course from each distribution cluster. At least two courses from the cluster requirements (six credit hours) must be at the 400-level.

Hide Course List(s)/Track Group(s)

| Upper Division Identities Communities & Social Practices | Literature & Culture Pre-1860 | Literature & Culture Post-1860 |
|---|---|---|
| ENG 312: English in its Social Setting (L or HU or SB) | ENG 221: Survey of English Literature (HU) | ENG 222: Survey of English Literature (HU & H) |
| ENG 353: African American Literature: Beginnings through the Harlem Renaissance ((L or HU) & C) | ENG 241: Literatures of the United States to 1860 ((L or HU) & C) | ENG 242: Literatures of the United States 1860 to Present (HU) |
| ENG 400: History of Literary Criticism (L or HU) | ENG 315: Medieval Literature in Translation (HU) | ENG 334: The American Southwest in Literature and Film ((L or HU) & C) |
| ENG 401: Topics in Critical Theory | ENG 321: Shakespeare (L or HU) | ENG 354: African American Literature: Harlem Renaissance to the Present ((L or HU) & C) |
| ENG 420: Multicultural Autobiographies ((L or HU) & C) | ENG 328: The Novel to Jane Austen (HU & H) | ENG 369: Science Fiction Studies |
| ENG 440: Studies in American Literature and Culture (HU) | ENG 353: African American Literature: Beginnings through the Harlem Renaissance ((L or HU) & C) | ENG 386: American Gothic |
| ENG 454: Gender and Literature (L or HU) | ENG 415: Studies in Medieval Literature and Culture (HU) | ENG 431: Whitman and Dickinson (L or HU) |
| ENG 456: Studies in Forensic Linguistics | ENG 416: Chaucer in Middle English (HU) | ENG 437: The American Novel 1900 - 1960 (L or HU) |
| ENG 460: Ethnic Women Writers | ENG 421: Studies in Shakespeare (L or HU) | ENG 438: American Novel Since 1960 (L or HU) |
| ENG 461: Studies in Women and Literature (HU) | ENG 423: Renaissance Drama (L or HU) | ENG 440: Studies in American Literature and Culture (HU) |
| ENG 462: Africana Literature (HU & G) | ENG 425: Studies in Romanticism (HU) | ENG 450: The British Novel (HU) |
| ENG 463: African American Literature | ENG 432: The American Renaissance (HU) | ENG 471: Literature for Young Adults (HU) |
| ENG 472: Rhetorical Studies (L) | ENG 440: Studies in American Literature and Culture (HU) | ENG 478: Studies in Modernism (L or HU) |
| ENG 479: Studies in Postmodernism (HU & G) | | ENG 479: Studies in Postmodernism (HU & G) |
| Theories and Practices of Writing | Transnational Linguistic & Textual Circulation | |
| ENG 205: Introduction to Writing Rhetorics and Literacies (L) | ENG 213: Introduction to the Study of Language | |
| ENG 311: Persuasive Writing (L) | | |
| ENG 323: Rhetoric and Grammar (L) | | |

| | |
|--|--|
| ENG 335: American Poetry | ENG 317: Cross-Cultural Writing ((L or HU) & G) |
| ENG 361: Scriptwriting | ENG 333: American Ethnic Literature ((L or HU) & C) |
| ENG 379: Travel Writing (L) | ENG 363: Transborder Mexican and Chicano/a Literature of Southwest North America ((L or HU) & C) |
| ENG 387: Intermediate Creative Writing Workshop in Poetry: Form Theory and Practice | ENG 379: Travel Writing (L) |
| ENG 388: Intermediate Creative Writing Workshop in Fiction: Form Theory and Practice | ENG 413: History of English Language (HU) |
| ENG 410: Writing for Publication | ENG 462: Africana Literature (HU & G) |
| ENG 457: Studies in American Poetry (HU) | ENG 498: Reading Englands Literary Landscapes (L) |
| ENG 490: Literary Forms: Theory and Practice in Poetry | |

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.








2020 - 2021 Major Map

English (Secondary Education), BA

School/College: New College of Interdisciplinary Arts and Sciences

Location: West campus

ASENGSEBA

| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. NEW 101 satisfies this requirement. • IAS 300 (3 credits) is required for all transfer students in place of NEW 101. • By the end of Term 6, a minimum 2.5 cumulative GPA is required in order to progress into the Professional Pathways Education Program. • Select your Career Interest Communities and play me3@ASU. • Activate your Handshake account and build out your profile. |
| MAT 142: College Mathematics (MA) | 3 | C | |
| NEW 101-H: The ASU New College Experience | 1 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) (SPE 222 recommended) | 3 | | |
| Term hours subtotal: | 14 | | |
| | | | |
| Term 2 14 - 29 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • Create a first draft resume. • Join a student club or professional organization. • Secure a part-time job or volunteer experience |
| Computer/Statistics/Quantitative Applications (CS) (CIS 105 OR EDT 180 OR EDT 321 recommended) | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) (GCU 113 recommended) | 3 | | |
| Elective | 2 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). Term hours subtotal: | 15 | | |
| | | | |
| Term 3 29 - 44 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  ENG 200: Critical Reading and Writing About Literature (L or HU) | 3 | C | <ul style="list-style-type: none"> • Develop your research skills. • Develop your professional skills. • Build your professional connections - join the ASU Mentor Network. |
| Complete 2 courses: | | | |
| ENG Elective | 6 | C | |
| Global Awareness (G) | 3 | | |
| Elective | 3 | | |
|  Complete First-Year Composition requirement. | | | |

❗ Complete Mathematics (MA) requirement.

Term hours subtotal: 15

| Term 4 44 - 59 Credit Hours Critical course signified by ❗ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ❗ Literature & Culture, Pre-1860 | 3 | C | <ul style="list-style-type: none"> Explore an internship, an IGLE international experience, or ASU study abroad. |
| ❗ <i>Complete 2 courses:</i> ENG 2** Elective OR ENG 3** Elective OR ENG 4** Elective | 6 | C | |
| EDP 313: Childhood and Adolescence (SB) OR TEL 315: Child and Adolescent Development (L or SB) | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 5 59 - 74 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ <i>Complete 2 courses:</i> ENG Upper Division Elective | 6 | C | <ul style="list-style-type: none"> Apply for an identify verified print (IVP) fingerprint clearance card. Your IVP fingerprint card will be needed for internship/student teaching residency requirements in Term 7 and 8. An ENG upper division special topics course will satisfy the Identities, Communities, and Social Practices requirement if the course topic focuses explicitly upon issues of identities, communities, and social practice. Please see your academic advisor before enrollment. IAS 300 (3 credit hours) is required for all transfer students. Thinking about graduate school? Consider registering for a grad school test prep course. Develop your professional online presence. |
| ★ Identities, Communities, & Social Practices | 3 | C | |
| Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB) | 3 | | |
| Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| Term hours subtotal: | 15 | | |

| Term 6 74 - 89 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ Literature and Culture Post 1860 | 3 | C | <ul style="list-style-type: none"> Meet with a Mary Lou Fulton Teachers College advisor early in the semester to discuss education program requirements and submit copy of IVP fingerprint card. Once this is completed, you will be asked to attend a professional pathways program orientation. These steps must be completed before enrolling in Term 7 courses. An ENG upper division special topics course will satisfy the Transnational, Linguistic, & Textual Circulation requirement if the course topic focuses explicitly upon issues of transnationalism & textual circulation. Please see your academic advisor before enrollment. |
| ★ Theories and Practices of Writing | 3 | C | |
| ★ Transnational, Linguistic, & Textual Circulation | 3 | C | |
| Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |

★ Milestone: Must attend Professional Pathways Orientation prior to enrollment in Term 7 courses.

★ Milestone: Submit Identity Verified Print (IVP) DPS fingerprint clearance card.

★ Minimum 2.50 GPA ASU Cumulative.

Term hours subtotal: 15

- Use Handshake to research **employment opportunities**.
- Complete an in person or virtual **practice interview**.

| Term 7 89 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ BLE 407: SEI for Secondary Students (L) | 3 | C | <ul style="list-style-type: none"> • All degree requirements must be completed prior to student teaching. Only one course will be approved to take concurrently with student teaching. • During your clinical experience internship you will work alongside a lead teacher, in a 6-12th grade classroom. • Reliable transportation is required to get to school sites in Terms 7 and 8. • Gather professional references. |
| ★ ENG 482: Methods of Teaching English: Language (L) | 3 | C | |
| ★ RDG 323: Literacy Processes in Content Areas | 3 | C | |
| ★ SED 322: Classroom Leadership in Secondary Schools (L) | 3 | C | |
| ★ SED 496: Clinical Experience III | 1 | C | |
| ★ TEL 311: Instruction and Management in the Inclusive Classroom | 3 | C | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ SED 478: Student Teaching: Secondary Education (Grades 6-12) | 12 | C | <ul style="list-style-type: none"> • Your student teaching residency requires a full-time commitment in a 6-12th grade classroom for the semester. • Students seeking teacher certification must pass required educator exams. Speak to your education advisor to plan appropriately. • Apply for full-time career opportunities. |
| ★ SPE 417: Inclusion Practices at the Secondary Level | 3 | C | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

- Students must complete two of the courses in the major at the 400-level.

Hide Course List(s)/Track Group(s)

| Identities Communities & Social Practices | Literature & Culture Pre-1860 | Literature & Culture Post-1860 |
|---|---|---|
| ENG 312: English in its Social Setting (L or HU or SB) | ENG 221: Survey of English Literature (HU) | ENG 222: Survey of English Literature (HU & H) |
| ENG 353: African American Literature: Beginnings through the Harlem Renaissance ((L or HU) & C) | ENG 241: Literatures of the United States to 1860 ((L or HU) & C) | ENG 242: Literatures of the United States 1860 to Present (HU) |
| ENG 400: History of Literary Criticism (L or HU) | ENG 315: Medieval Literature in Translation (HU) | ENG 334: The American Southwest in Literature and Film ((L or HU) & C) |
| ENG 401: Topics in Critical Theory | ENG 321: Shakespeare (L or HU) | ENG 354: African American Literature: Harlem Renaissance to the Present ((L or HU) & C) |
| ENG 420: Multicultural Autobiographies ((L or HU) & C) | ENG 328: The Novel to Jane Austen (HU & H) | ENG 369: Science Fiction Studies |
| ENG 440: Studies in American Literature and Culture (HU) | ENG 353: African American Literature: Beginnings through the Harlem Renaissance ((L or HU) & C) | ENG 386: American Gothic |
| ENG 454: Gender and Literature (L or HU) | ENG 415: Studies in Medieval Literature and Culture (HU) | ENG 431: Whitman and Dickinson (L or HU) |

| | | |
|--|--|--|
| ENG 456: Studies in Forensic Linguistics | ENG 416: Chaucer in Middle English (HU) | ENG 437: The American Novel 1900 - 1960 (L or HU) |
| ENG 460: Ethnic Women Writers | ENG 421: Studies in Shakespeare (L or HU) | ENG 438: American Novel Since 1960 (L or HU) |
| ENG 461: Studies in Women and Literature (HU) | ENG 423: Renaissance Drama (L or HU) | ENG 440: Studies in American Literature and Culture (HU) |
| ENG 462: Africana Literature (HU & G) | ENG 425: Studies in Romanticism (HU) | ENG 450: The British Novel (HU) |
| ENG 463: African American Literature | ENG 432: The American Renaissance (HU) | ENG 471: Literature for Young Adults (HU) |
| ENG 472: Rhetorical Studies (L) | ENG 440: Studies in American Literature and Culture (HU) | ENG 478: Studies in Modernism (L or HU) |
| ENG 479: Studies in Postmodernism (HU & G) | | ENG 479: Studies in Postmodernism (HU & G) |
| Theories and Practices of Writing | Transnational Linguistic & Textual Circulation | |
| ENG 205: Introduction to Writing Rhetorics and Literacies (L) | ENG 213: Introduction to the Study of Language | |
| ENG 311: Persuasive Writing (L) | ENG 317: Cross-Cultural Writing ((L or HU) & G) | |
| ENG 323: Rhetoric and Grammar (L) | ENG 333: American Ethnic Literature ((L or HU) & C) | |
| ENG 335: American Poetry | ENG 363: Transborder Mexican and Chicano/a Literature of Southwest North America ((L or HU) & C) | |
| ENG 361: Scriptwriting | ENG 379: Travel Writing (L) | |
| ENG 379: Travel Writing (L) | ENG 413: History of English Language (HU) | |
| ENG 387: Intermediate Creative Writing Workshop in Poetry: Form Theory and Practice | ENG 462: Africana Literature (HU & G) | |
| ENG 388: Intermediate Creative Writing Workshop in Fiction: Form Theory and Practice | ENG 498: Reading Englands Literary Landscapes (L) | |
| ENG 410: Writing for Publication | NEW 300: International Cities | |
| ENG 457: Studies in American Poetry (HU) | | |
| ENG 490: Literary Forms: Theory and Practice in Poetry | | |

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)

- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map




Environmental Science, BA






School/College: New College of Interdisciplinary Arts and Sciences

Location: West campus, ASU@Lake Havasu

ASENVBA

| Term 1 0 - 15 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  BIO 181: General Biology I (SQ) | 4 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement into mathematics courses. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. NEW 101 satisfies this requirement. • IAS 300 is required in place of NEW 101 for transfer students. • Select your Career Interest Communities and play me3@ASU. • Activate your Handshake account and build out your profile. |
| CHM 113: General Chemistry I (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 170: Precalculus (MA) | 3 | C | |
| NEW 101-M: The ASU New College Experience | 1 | | |
| Term hours subtotal: | 15 | | |

| Term 2 15 - 29 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  BIO 182: General Biology II (SG) | 4 | C | <ul style="list-style-type: none"> • Create a first draft resume. • Join a student club or professional organization. • Secure a part-time job or volunteer experience. |
| CHM 116: General Chemistry II (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| STP 226: Elements of Statistics (CS) | 3 | C | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 14 | | |

| Term 3 29 - 43 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  ENV 201: Fundamentals of Environmental Science | 3 | C | <ul style="list-style-type: none"> • PHY 101 is required. Student may choose either GLG 108 or GLG 101+ENV 103. • Develop your research skills. • Develop your professional skills. • Build your professional connections - join the ASU Mentor Network. |
| PHY 101: Introduction to Physics (SQ) OR GLG 108: Water Planet (SQ) or GLG 101: Introduction to Geology I (Physical) (SQ) AND  ENV 103: Field and Lab Geology for Environmental Science | 4 | C | |
| CHM 231: Elementary Organic Chemistry (SQ) AND CHM 235: Elementary Organic Chemistry Laboratory (SQ) | 4 | C | |
| OGL 240: Introduction to Project Management | 3 | C | |
|  Complete First-Year Composition requirement. | | | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 14 | | |

| Term 4 43 - 59 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|--|----|---|
| ❗ PHY 101: Introduction to Physics (SQ) OR GLG 108: Water Planet (SQ) or GLG 101: Introduction to Geology I (Physical) (SQ) AND ENV 103: Field and Lab Geology for Environmental Science | 4 | C |
| ECN 212: Microeconomic Principles (SB) | 3 | C |
| GPH 210: Society and Environment (G) | 3 | C |
| SOS 111: Sustainable Cities ((HU or SB) & G) | 3 | C |
| Social Science Elective | 3 | C |
| Term hours subtotal: | 16 | |

- PHY 101 is required. Student may choose either GLG 108 or GLG 101+ENV 103.
- Explore an **internship**, an **IGLE international experience** or **ASU Study Abroad**.

| Term 5 59 - 74 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ CHM 302: Environmental Chemistry | 3 | C | <ul style="list-style-type: none"> • IAS 300 (3 credit hours) is required for all transfer students in place of NEW 101. • Completion of Upper Division Ethics Electives in Term 5 and 8 will satisfy HU requirements. • Thinking about graduate school? Consider registering for a graduate test prep course. • Develop your professional online presence |
| LSC 347: Fundamentals of Genetics | 3 | C | |
| Social Science Elective | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) AND Upper Division Ethics/Humanities Elective | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB) | 3 | C | |
| Term hours subtotal: | 15 | | |

| Term 6 74 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ BIO 320: Fundamentals of Ecology AND LSC 322: Fundamentals of Ecology Laboratory | 4 | C | <ul style="list-style-type: none"> • Use Handshake to research employment opportunities. • Complete an in person or virtual practice interview. |
| SOC 331: Environmental Sociology (SB & G) | 3 | C | |
| Upper Division Science Elective AND Upper Division Literacy and Critical Inquiry (L) (ENV 388 recommended) | 3 | C | |
| Upper Division Science Elective | 3-4 | C | |
| Cultural Diversity in the U.S. (C) AND Historical Awareness (H) | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 16-17 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ ENV 345: Spatial Analysis in the Environmental Sciences | 3 | C | <ul style="list-style-type: none"> • If student chooses a 4 credit course for the upper division science elective requirement, 3 credits of general electives will need to be completed. • Completion of the Upper Division Cultural Diversity in the U.S. (C) or Upper Division Global Awareness (G) AND SOC 331 in Term 6 satisfies the New College Language and Cultures requirement. • Gather professional references. |
| Complete 2 courses: | | | |
| Upper Division Science Elective | 6-8 | C | |
| Social Science Elective | 3 | C | |
| Upper Division Cultural Diversity in the U.S. (C) OR Upper Division Global Awareness (G) | 3 | C | |
| Term hours subtotal: | 15-17 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ ENV 385: Environmental Impact Assessment | 3 | C | <ul style="list-style-type: none"> • If student completed two 4-credit courses for the upper division science electives requirement, no additional credits for upper division science electives will be required this term. |
| Upper Division Humanities, Arts and Design (HU) AND Upper Division Ethics/Humanities Elective | 3 | C | |
| Elective | 3-4 | | |

| | | |
|--|-------|---|
| Upper Division Social Science Elective | 3 | C |
| Elective OR ENV 484: Internship | 3 | |
| Term hours subtotal: | 15-16 | |

- Completion of Upper Division Ethics/Humanities Electives in Term 5 and 8 will satisfy HU requirements.
- Apply for full-time career opportunities.

Hide Course List(s)/Track Group(s)

| Upper Division Ethics/Humanities Electives | Upper Division Science Electives | Social Science Electives |
|--|--|---|
| IAS 340: Bioethics (HU) or PHI 320: Bioethics (HU) | BIO 331: Animal Behavior | ABS 381: Natural Resources Policy |
| IAS 406: Moral Dilemmas (L or HU) or PHI 406: Moral Dilemmas (L or HU) | BIO 360: Animal Physiology | ABS 479: Ecosystem Management and Planning (L) |
| IAS 407: Environmental Philosophy and Policy (L or HU) or PHI 407: Environmental Philosophy and Policy (L or HU) | BIO 370: Vertebrate Zoology | ASB 272: Environmental Justice (SB) |
| IAS 409: Eco-Community Ethics (HU) or PHI 409: Eco-Community Ethics (HU) | BIO 385: Comparative Invertebrate Zoology | ASB 326: Human Impacts on Ancient Environments (SB & H) |
| PHI 360: Business and Professional Ethics (HU) | BIO 410: Techniques in Conservation Biology and Ecology (L) | ASB 375: Humans and the Environment: What's the Connection? ((L or SB) & G) |
| | BIO 412: Conservation in Practice | COM 312: Communication Conflict and Negotiation |
| | BIO 422: Ecosystem Ecology | COM 430: Leadership in Group Communication |
| | BIO 426: Limnology (L) | ECN 211: Macroeconomic Principles (SB) |
| | BIO 474: Herpetology | ERM 428: International Environmental Management (G) |
| | BIO 499: Individualized Instruction | HST 345: Environmental History (L) |
| | ENV 388: Research Fundamentals for the Natural Sciences (L) | OGL 200: Introduction to Organizational Leadership (SB) |
| | ENV 394: Special Topics | OGL 300: Theory and Practice of Leadership |
| | ENV 494: Special Topics | OGL 355: Leading Organizational Innovation and Change |
| | ENV 410: Soil Science | POS 110: American Government and Politics (SB) |
| | ENV 484: Internship | POS 331: Public Opinion (SB) |
| | ENV 492: Honors Directed Study | POS 426: Elements of Public Policy (SB) |
| | ENV 499: Individualized Instruction | PUP 301: Introduction to Urban Planning (L) |
| | ERM 502: Regulatory Framework for Toxic and Hazardous Substances | SOC 333: Population (SB & G) |
| | ERM 520: Sustainability and Sustainable Development | SOS 230: Professional Skills in Sustainability |
| | ERM 522: Air Pollution and Toxic Chemicals | SOS 311: Future Thinking and Strategies |
| | ERM 523: Soils and Groundwater Contamination | SOS 385: Business and Sustainability I |
| | ERM 527: Environmental/Resources Regulations Concepts | |
| | ERM 535: Water Law and Policy | |
| | ERM 598: Environmental Health | |
| | LSC 484: Internship | |

LSC 499: Individualized Instruction

PLB 300: Plant Diversity and Evolution (L or SG) or ENV 300: Plant Diversity and Evolution (L or SG)

PLB 302: Plants and Civilization (L) or ENV 302: Plants and Civilization (L)

PLB 308: Plant Physiology

PLB 310: The Flora of Arizona

PLB 394: Special Topics

PLB 494: Special Topics

PLB 499: Individualized Instruction

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map




Environmental Science, BS



School/College: New College of Interdisciplinary Arts and Sciences

Location: West campus, ASU@Lake Havasu

ASENVBS

| Term 1 0 - 15 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  BIO 181: General Biology I (SQ) | 4 | C | <ul style="list-style-type: none"> An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. Mathematics Placement Assessment score determines placement in mathematics course. ASU 101 or college-specific equivalent First-Year Seminar is required of all first-year students. NEW 101 satisfies this requirement. IAS 300 (3 credit hours) is required for transfer students in place of NEW 101. MAT 210, MAT 251 or MAT 270 is recommended for students intending to pursue graduate degrees. MAT 270 is necessary for students intending on taking the Data/Modeling track focus courses. Select your Career Interest Communities and play me3ASU. Activate your Handshake account and build out your profile. |
| CHM 113: General Chemistry I (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 170: Precalculus (MA) OR MAT 210: Brief Calculus (MA) OR MAT 251: Calculus for Life Sciences (MA) OR MAT 270: Calculus with Analytic Geometry I (MA) | 3-4 | C | |
| NEW 101-M: The ASU New College Experience | 1 | | |
| Term hours subtotal: | 15-16 | | |

| Term 2 15 - 29 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  BIO 182: General Biology II (SG) | 4 | C | <ul style="list-style-type: none"> Either STP 226 or STP 280 is acceptable to meet the requirement. STP 280 is necessary for students intending to take the Data/Modeling track focus courses. Create a first draft resume. Join a student club or professional organization. Secure a part-time job or volunteer experience. |
| CHM 116: General Chemistry II (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| STP 226: Elements of Statistics (CS) OR STP 280: Probability and Statistics for Researchers (CS) | 3 | C | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 14 | | |

| Term 3 29 - 43 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  PHY 101: Introduction to Physics (SQ) OR GLG 108: Water Planet (SQ) or GLG 101: Introduction to Geology I (Physical) (SQ) AND ENV 103: Field and Lab Geology for Environmental Science | 4 | C | <ul style="list-style-type: none"> PHY 101 is required. Student may choose either GLG 108 or GLG 101+ENV 103. One semester of organic chemistry lecture+lab is required, either CHM 231+235 or CHM 233+237. CHM 233+237 |
| CHM 231: Elementary Organic Chemistry (SQ) AND CHM 235: Elementary Organic Chemistry Laboratory (SQ) OR CHM 233: | | | |

| | | |
|---|----|---|
| General Organic Chemistry I AND CHM 237: General Organic Chemistry Laboratory I | 4 | C |
| ENV 201: Fundamentals of Environmental Science | 3 | C |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | |
| ❖ Complete First-Year Composition requirement. | | |
| ❖ Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 14 | |

should be taken by students intending to take electives from the Chemistry/Toxicology track focus area, as they are prerequisites required for many courses in that track focus area.

- Develop your **research skills**.
- Develop your **professional skills**.
- Build your professional connections - join the **ASU Mentor Network**.

| Term 4 43 - 57 Credit Hours Critical course signified by ❖ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ❖ PHY 101: Introduction to Physics (SQ) OR GLG 108: Water Planet (SQ) or GLG 101: Introduction to Geology I (Physical) (SQ) AND ENV 103: Field and Lab Geology for Environmental Science | 4 | C | <ul style="list-style-type: none"> • PHY 101 is required. Student may choose either GLG 108 or GLG 101+ENV 103. • The program electives are grouped by track focus areas. Students can take electives from any of the track focus areas. Some students may choose to specialize in a particular area, and therefore take all of their electives from within one group. Other students may choose a broad approach and take electives from each group. • Students must complete a total of at least 11 hours of track focus elective courses and at least 3 hours of upper division track focus elective courses. • Explore an internship, an IGLE international experience, or ASU Study Abroad. |
| SOS 111: Sustainable Cities ((HU or SB) & G) | 3 | C | |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | | |
| Track Focus Elective Course | 4 | C | |
| Term hours subtotal: | 14 | | |

| Term 5 57 - 72 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ CHM 302: Environmental Chemistry | 3 | C | <ul style="list-style-type: none"> • IAS 300 (3 credit hours) is required for all transfer students. • IAS/PHI 407 and IAS/PHI 409 recommended to fulfill the upper division ethics/humanities elective and upper division HU. • Thinking about graduate school? Consider registering for a grad school test prep course. • Develop your professional online presence. |
| LSC 347: Fundamentals of Genetics | 3 | C | |
| Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB) | 3 | | |
| Upper Division Humanities, Arts and Design (HU) AND Upper Division Ethics/Humanities Elective | 3 | C | |
| Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| Term hours subtotal: | 15 | | |

| Term 6 72 - 87 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ BIO 320: Fundamentals of Ecology AND LSC 322: Fundamentals of Ecology Laboratory | 4 | C | <ul style="list-style-type: none"> • The electives listed at the bottom are grouped by focus areas. Students can take electives from any of the focus areas. Some students may choose to specialize in a particular area, and therefore take all of their electives from |
| ★ ENV 345: Spatial Analysis in the Environmental Sciences | 3 | C | |

| | | |
|---|-------|---|
| PLB Upper Division Elective AND Upper Division Literacy and Critical Inquiry (L) (PLB 300 OR PLB 302 OR PLB 388 recommended) | 4 | C |
| Track Focus Elective Course | 4-3 | C |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |
| Term hours subtotal: | 15-14 | |

within one group. Other students may choose a broad approach and take electives from each group.

- PLB course taken to fulfill the PLB elective requirement cannot be used to also fulfill a track focus elective requirement.
- Use Handshake to research **employment opportunities**.
- Complete an in person or virtual **practice interview**.

| Term 7 87 - 104 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ ENV 410: Soil Science | 4 | C | <ul style="list-style-type: none"> • The electives listed at the bottom are grouped by focus areas. Students can take electives from any of the focus areas. Some students may choose to specialize in a particular area, and therefore take all of their electives from within one group. Other students may choose a broad approach and take electives from each group. • Gather professional references |
| ★ Upper Division Capstone Experience | 3 | Y | |
| Track Focus Elective Course | 3 | C | |
| Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| Elective | 4 | | |
| Term hours subtotal: | 17 | | |

| Term 8 104 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ BIO 422: Ecosystem Ecology | 3 | C | <ul style="list-style-type: none"> • The electives listed at the bottom are grouped by focus areas. Students can take electives from any of the focus areas. Some students may choose to specialize in a particular area, and therefore take all of their electives from within one group. Other students may choose a broad approach and take electives from each group. • IAS/PHI 407 and IAS/PHI 409 recommended to fulfill the upper division ethics/humanities elective and upper division (HU). • Apply for full-time career opportunities. |
| ★ ENV 385: Environmental Impact Assessment | 3 | C | |
| BIO 370: Vertebrate Zoology OR BIO 385: Comparative Invertebrate Zoology | 4 | C | |
| Upper Division Humanities, Arts and Design (HU) AND Upper Division Ethics/Humanities Elective | 3 | C | |
| Track Focus Elective Course | 3-4 | C | |
| Term hours subtotal: | 16-17 | | |

- Students can take electives from any of the focus areas. Some students may choose to specialize in a particular area, and therefore take all of their electives from within one group. Other students may choose a broad approach and take electives from each group.

Hide Course List(s)/Track Group(s)

| Business/Leadership Track | Chemistry/Toxicology Track | Data/Modeling Track |
|--|--|--|
| COM 415: Risk Communication | BCH 371: Modern Concepts in Biochemistry AND BCH 372: Modern Concepts in Biochemistry Laboratory | MAT 271: Calculus with Analytic Geometry II (MA) |
| COM 430: Leadership in Group Communication | | |

| | | |
|---|--|--|
| ERM 502: Regulatory Framework for Toxic and Hazardous Substances | BIO 353: Cell Biology | MAT 275: Modern Differential Equations (MA) |
| ERM 527: Environmental/Resources Regulations Concepts | BIO 443: Applied Molecular Genetics and Genomics | MAT 343: Applied Linear Algebra |
| ERM 535: Water Law and Policy | CHM 234: General Organic Chemistry II AND CHM 238: General Organic Chemistry Laboratory II | MAT 450: Mathematical Models in Biology or MAT 451: Mathematical Modeling (CS) |
| OGL 200: Introduction to Organizational Leadership (SB) | CHM 303: Environmental Chemistry Laboratory (L) | STP 281: Statistical Analysis for Researchers |
| OGL 240: Introduction to Project Management | ERM 522: Air Pollution and Toxic Chemicals | STP 310: Design and Analysis of Experiments |
| OGL 300: Theory and Practice of Leadership | ERM 523: Soils and Groundwater Contamination | STP 311: Regression and Time Series Analyses |
| OGL 355: Leading Organizational Innovation and Change | ERM 598: Environmental Health | STP 315: Statistical Computing |
| SOS 230: Professional Skills in Sustainability | LSC 425: Analytical Chemistry for Life Sciences | STP 450: Nonparametric Statistics |
| SOS 311: Future Thinking and Strategies | LSC 426: Analytical Chemistry for Life Sciences Lab | STP 460: Categorical Data Analysis |
| SOS 385: Business and Sustainability I | LSC 475: Principles of Toxicology | STP 499: Individualized Instruction |
| Ecosystem/Global Change Track | Organismal/Conservation Biology Track | Upper Division Ethics/Humanities Electives |
| BIO 323: Ecosystem Restoration and Management | BIO 331: Animal Behavior | IAS 340: Bioethics (HU) or PHI 320: Bioethics (HU) |
| BIO 412: Conservation in Practice | BIO 360: Animal Physiology | IAS 406: Moral Dilemmas (L or HU) or PHI 406: Moral Dilemmas (L or HU) |
| BIO 415: Biometry (CS) | BIO 370: Vertebrate Zoology | IAS 407: Environmental Philosophy and Policy (L or HU) or PHI 407: Environmental Philosophy and Policy (L or HU) |
| BIO 421: Landscape Ecology | BIO 385: Comparative Invertebrate Zoology | IAS 409: Eco-Community Ethics (HU) or PHI 409: Eco-Community Ethics (HU) |
| BIO 426: Limnology (L) | BIO 410: Techniques in Conservation Biology and Ecology (L) | PHI 306: Applied Ethics (HU) |
| ENV 388: Research Fundamentals for the Natural Sciences (L) or LSC 388: Research Fundamentals for the Natural Sciences (L) or PLB 388: Research Fundamentals for the Natural Sciences (L) | BIO 474: Herpetology | PHI 360: Business and Professional Ethics (HU) |
| ERM 520: Sustainability and Sustainable Development | ENV 300: Plant Diversity and Evolution (L or SG) or PLB 300: Plant Diversity and Evolution (L or SG) | |
| LSC 362: The Human Environment | ENV 302: Plants and Civilization (L) or PLB 302: Plants and Civilization (L) | |
| LSC 434: Marine Ecology | ENV 394: Special Topics | |
| MIC 443: The Microbial Universe AND MIC 444: The Microbial Universe Laboratory | ENV 494: Special Topics | |
| SOS 110: Sustainable World (SB) | PLB 308: Plant Physiology | |
| | PLB 310: The Flora of Arizona | |
| | PLB 394: Special Topics | |
| | PLB 494: Special Topics | |
| Upper Division Capstone Experience | | |
| BIO 495: Undergraduate Research | | |
| BIO 499: Individualized Instruction | | |
| ENV 484: Internship | | |

ENV 492: Honors Directed Study

ENV 493: Honors Thesis

ENV 499: Individualized Instruction

LSC 484: Internship

LSC 492: Honors Directed Study

LSC 493: Honors Thesis (L)

LSC 499: Individualized Instruction

PLB 499: Individualized Instruction

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map




Exploratory Applied Computing, Mathematics and Technology




School/College: New College of Interdisciplinary Arts and Sciences

Location: West campus

ASACMTEXPL

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ACO 101: Introduction to Computer Science (CS) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. • Math Placement Assessment score determines placement into mathematics course. • ASU 101 or College specific equivalent First Year Seminar required of all first-year students. NEW 101 satisfies this requirement. • Completion of both ACO 101 and ACO 102 with a C or better fulfills the New College Language and Cultures requirement. • Select your Career Interest Communities and play me3@ASU. • Activate your Handshake account and build out your profile. |
| MAT 117: College Algebra (MA) OR MAT 170: Precalculus (MA) | | | |
|  OR MAT 210: Brief Calculus (MA) OR MAT 251: Calculus for Life Sciences (MA) OR MAT 270: Calculus with Analytic Geometry I (MA) | 3-4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| NEW 101-M: The ASU New College Experience | 1 | | |
| NEW 210: From Passion to Practice: Charting Your Path OR NEW 225: Building a Better You | 3 | C | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 16-17 | | |

| Term 2 16 - 31 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  ACO 102: Object-Oriented Programming (CS) | 3 | C | <ul style="list-style-type: none"> • Completion of both ACO 101 and ACO 102 with a C or better fulfills the New College Language and Cultures requirement. • Create a first draft resume. • Join a student club or professional organization. • Secure a part-time job or volunteer experience. • Build your professional connections - join the ASU Mentor Network. |
| MAT 210: Brief Calculus (MA) or MAT 251: Calculus for Life Sciences (MA) OR MAT 270: Calculus with Analytic Geometry I (MA) OR MAT 271: Calculus with Analytic Geometry II (MA) | 3-4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| NEW 210: From Passion to Practice: Charting Your Path OR NEW 225: Building a Better You | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15-16 | | |

| Term 3 31 - 47 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ACO 201: Data Structures and Algorithms (CS) OR ACO 240: Introduction to Programming Languages OR STP 280: Probability and Statistics for Researchers (CS) | 3 | C | <ul style="list-style-type: none"> • Develop your research skills. • Develop your professional skills. • Build your professional connections - join ASU Mentor Network. |
|  Natural Science - Quantitative (SQ) | 4 | C | |
| Historical Awareness (H) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |

❗ Complete First-Year Composition requirement.

.....
Complete Mathematics (MA) requirement.
.....

Milestone: Selection of a major.
.....

Term hours subtotal: 16

Hide Course List(s)/Track Group(s)

Notes:

- Students considering ASU majors requiring a second language may consult with an academic advisor to consider a second language course for any term.
- Students should consider completing Global, Historical, and Cultural Awareness requirements with their Social and Behavioral or Humanities and Fine Arts courses.

Total Hours: 47

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.










2020 - 2021 Major Map

Exploratory Health and Life Sciences

School/College: [New College of Interdisciplinary Arts and Sciences](#)

Location: [West campus](#)

ASHSCIEXP

| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  BIO 181: General Biology I (SQ) | 4 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. • Math Placement Assessment score determines placement into mathematics course. • ASU 101 or College specific equivalent First Year Seminar required of all first-year students. NEW 101 satisfies this requirement. • Select your Career Interest Community and play me3@ASU. • Activate your Handshake account and build out your profile. |
| MAT 117: College Algebra (MA) OR MAT 170: Precalculus (MA) | | | |
|  OR MAT 210: Brief Calculus (MA) OR MAT 251: Calculus for Life Sciences (MA) OR MAT 270: Calculus with Analytic Geometry I (MA) | 3-4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| NEW 101-M: The ASU New College Experience | 1 | | |
| NEW 210: From Passion to Practice: Charting Your Path OR NEW 225: Building a Better You | 3 | C | |
| Term hours subtotal: | 14-15 | | |
| Term 2 14 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  BIO 182: General Biology II (SG) | 4 | C | <ul style="list-style-type: none"> • Create a first draft resume. • Join a student club or professional organization. • Secure a part-time job or volunteer experience. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| NEW 210: From Passion to Practice: Charting Your Path OR NEW 225: Building a Better You | 3 | C | |
| Global Awareness (G) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |
| Term 3 30 - 46 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | C | <ul style="list-style-type: none"> • CHM 113 is recommended for the natural science requirement. • Develop your research skills. • Develop your professional skills. • Build your professional connections - join the ASU Mentor Network. |
| STP 226: Elements of Statistics (CS) OR STP 280: Probability and Statistics for Researchers (CS) | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Literacy and Critical Inquiry (L) AND Historical Awareness (H) | 3 | | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
|  Complete First-Year Composition requirement. Complete Mathematics (MA) requirement. Milestone: Selection of a major. | | | |
| Term hours subtotal: | 16 | | |

Hide Course List(s)/Track Group(s)

Notes:

- Students considering ASU majors requiring a second language may consult with an academic advisor to consider a second language course for any term.

Total Hours: 46

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map



Exploratory Humanities, Fine Arts and Design





School/College: New College of Interdisciplinary Arts and Sciences

Location: West campus

ASHUFAEXPL

| Term 1 0 - 13 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. • Math Placement Assessment score determines placement into Mathematics course. • ASU 101 or College specific equivalent First Year Seminar required of all first-year students. NEW 101 satisfies this requirement. • Select your Career Interest Communities and play me3@ASU. • Activate your Handshake account and build out your profile. |
|  PHI 101: Introduction to Philosophy (HU) | 3 | C | |
| NEW 101-H: The ASU New College Experience | 1 | | |
| NEW 210: From Passion to Practice: Charting Your Path OR NEW 225: Building a Better You | 3 | C | |
| Mathematics (MA) | 3 | | |
| Term hours subtotal: | 13 | | |

| Term 2 13 - 29 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | | <ul style="list-style-type: none"> • Create a first draft resume. • Join a student club or professional organization. • Secure a part-time job or volunteer experience. |
| NEW 210: From Passion to Practice: Charting Your Path OR NEW 225: Building a Better You | 3 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Historical Awareness (H) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). Term hours subtotal: | 16 | | |

| Term 3 29 - 45 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ENG 200: Critical Reading and Writing About Literature (L or HU) | 3 | C | <ul style="list-style-type: none"> • Develop your research skills. • Develop your professional skills. • Build your professional connections - join the ASU Mentor Network. |
|  IAP 201: Introduction to Interdisciplinary Arts (HU) OR IAP 202: Perspectives on Interdisciplinary Arts and Performance (HU) | 3 | C | |
| Global Awareness (G) | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
|  Complete Mathematics (MA) requirement. Complete First-Year Composition requirement. Milestone: Selection of a major. Term hours subtotal: | 16 | | |

Hide Course List(s)/Track Group(s)

Notes:

- Students considering ASU majors requiring a second language may consult with an academic advisor to consider a second language course for any term.

Total Hours: 45

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map




Exploratory Social and Behavioral Sciences




School/College: [New College of Interdisciplinary Arts and Sciences](#)

Location: [West campus](#)

ASSBSEXPL

| Term 1 0 - 13 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  COM 100: Introduction to Human Communication (SB) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. • Math Placement Assessment score determines placement into mathematics course. • ASU 101 or College specific equivalent First Year Seminar required of all first-year students. NEW 101 satisfies this requirement. • Select your Career Interest Communities and play me3@ASU. • Activate your Handshake account and build out your profile. |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
|  ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| NEW 101-S: The ASU New College Experience | 1 | | |
| NEW 210: From Passion to Practice: Charting Your Path OR NEW 225: Building a Better You | 3 | C | |
| Mathematics (MA) | 3 | C | |
| Term hours subtotal: | 13 | | |

| Term 2 13 - 29 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ENG 101 or ENG 102: First-Year Composition OR | | | <ul style="list-style-type: none"> • Create a first draft resume. • Join a student club or professional organization. • Secure a part-time job or volunteer experience. |
|  ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
|  PSY 101: Introduction to Psychology (SB) OR SOC 101: Introductory Sociology (SB) | 3 | C | |
| NEW 210: From Passion to Practice: Charting Your Path OR NEW 225: Building a Better You | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 29 - 45 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  COM 225: Public Speaking (L) | 3 | C | <ul style="list-style-type: none"> • Develop your research skills. • Develop your professional skills. • Build your professional connections - join the ASU Mentor Network. |
| ACO 100: All About Data: Design, Query, and Visualization (CS) OR | | | |
| CIS 105: Computer Applications and Information Technology (CS) | 3 | C | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
|  Complete Mathematics (MA) requirement. | | | |
| Complete First-Year Composition requirement. | | | |
| Milestone: Selection of a major. | | | |
| Term hours subtotal: | 16 | | |

[Hide Course List\(s\)/Track Group\(s\)](#)

Notes:

- Students considering ASU majors requiring a second language may consult with an academic advisor to consider a second language course for any term.

Total Hours: 45

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map





Forensic Science, BS





School/College: New College of Interdisciplinary Arts and Sciences


Location: West campus

ASFOREBS

| Term 1 0 - 15 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  BIO 181: General Biology I (SQ) | 4 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. NEW 101 satisfies this requirement. • IAS 300 (3 credit hours) is required for all transfer students in place of NEW 101. • Select your Career Interest Communities and play me3@ASU. • Activate your Handshake account and build out your profile. |
|  CHM 113: General Chemistry I (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 210: Brief Calculus (MA) OR MAT 251: Calculus for Life Sciences (MA) | 3 | C | |
| NEW 101-M: The ASU New College Experience | 1 | | |
| Term hours subtotal: | 15 | | |

| Term 2 15 - 29 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  BIO 182: General Biology II (SG) | 4 | C | <ul style="list-style-type: none"> • Create a first draft resume. • Join a student club or professional organization. • Secure a part-time job or volunteer experience. |
|  CHM 116: General Chemistry II (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| PSY 101: Introduction to Psychology (SB) | 3 | C | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 14 | | |

| Term 3 29 - 44 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  CHM 233: General Organic Chemistry I AND CHM 237: General Organic Chemistry Laboratory I | 4 | C | <ul style="list-style-type: none"> • Develop your research skills. • Develop your professional skills. • Build your professional connections - join the ASU Mentor Network. |
| CRJ 100: Introduction to Criminal Justice (SB) | 3 | C | |
| FOR 286: Principles of Forensic Science | 4 | C | |
| PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ) | 4 | C | |
|  Complete First-Year Composition requirement. | | | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 15 | | |

| Term 4 44 - 58 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|--|----|---|
| ❗ CHM 234: General Organic Chemistry II AND CHM 238: General Organic Chemistry Laboratory II | 4 | C |
| FOR 290: Historical Perspectives of Forensic Science | 3 | C |
| PHY 112: General Physics (SQ) AND PHY 114: General Physics Laboratory (SQ) | 4 | C |
| STP 226: Elements of Statistics (CS) | 3 | C |
| Term hours subtotal: | 14 | |

- Forensic science internships are very competitive and the application process takes time. Fall semester internships typically require application in the spring semester prior, and spring or summer semester internships require application by the start of the preceding fall semester.

| Term 5 58 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ BCH 371: Modern Concepts in Biochemistry AND BCH 372: Modern Concepts in Biochemistry Laboratory | 4 | C | <ul style="list-style-type: none"> • IAS 300 (3 credit hours) is required for all transfer students. • Thinking about graduate school? Consider registering for a grad school test prep course. • Develop your professional online presence. |
| ★ LSC 347: Fundamentals of Genetics AND LSC 348: Fundamentals of Genetics Laboratory | 4 | C | |
| ENG 301: Writing for the Professions (L) OR ENG 311: Persuasive Writing (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB) OR HON 370: History of Ideas (L or HU) | 3 | | |
| FOR 210: Sociology of Murder (SB) | 3 | C | |
| FOR 402: Forensic Biology | 3 | C | |
| Term hours subtotal: | 17 | | |

| Term 6 75 - 91 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ FOR 370: Modern Practices in Forensic Science | 3 | C | <ul style="list-style-type: none"> • Use Handshake to research employment opportunities. • Complete an in person or virtual practice interview. |
| BIO 353: Cell Biology AND BIO 354: Cell Biology Laboratory | 4 | C | |
| FOR 400: Comparative Forensics | 3 | C | |
| FOR 413: Sacred Crimes: Religion and Violence (G & H) OR FOR 449: Latin American Cinema: The Dead and the Disappeared (G & H) OR FOR 454: History of Genocide (G & H) | 3 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 7 91 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ FOR 425: Analytical Chemistry for Life Sciences AND FOR 426: Analytical Chemistry for Life Sciences Lab | 5 | C | <ul style="list-style-type: none"> • Students in the Forensic Science program must participate in a culminating, senior-level experience, choosing three credit hours from either FOR 388, FOR 484, FOR 485, FOR 493 or FOR 499. Each of these courses require prior faculty approval and mentorship. FOR 499 must consist of an approved, faculty-mentored research project if it is to be used as the culminating, senior-level experience. See an academic advisor for questions. • Gather professional references. |
| FOR 410: Professional Practices in Forensic Science (L) | 3 | C | |
| Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 14 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|---|---|----|
| ★ Upper Division Forensic Science Culminating Experience | 3 | C |
| FOR 401: Forensic Toxicology | 3 | C |
| FOR 406: Moral Dilemmas (L or HU) | 3 | C |
| FOR Upper Division Elective | 3 | C |
| Upper Division Language and Cultures: Requirement satisfied through the following: | | |
| * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C |
| Term hours subtotal: | | 15 |

- Apply for full-time career opportunities.

Hide Course List(s)/Track Group(s)

| Forensic Science Electives | Forensic Science Culminating Experience |
|---|---|
| FOR 377: Forensic Analytical Chemistry Laboratory | FOR 388: Research Fundamentals for the Natural Sciences (L) |
| FOR 380: Analysis of Nonhuman Forensic DNA Evidence | FOR 484: Internship |
| FOR 394: Special Topics | FOR 485: Forensic Science Capstone |
| FOR 388: Research Fundamentals for the Natural Sciences (L) | FOR 493: Honors Thesis (L) |
| FOR 447: Molecular Genetics Laboratory | FOR 499: Individualized Instruction |
| FOR 475: Principles of Toxicology | |
| FOR 480: Advanced Topics in Human Forensic DNA Typing | |
| FOR 484: Internship | |
| FOR 485: Forensic Science Capstone | |
| FOR 486: Peer Mentoring in the Forensic Sciences | |
| FOR 492: Honors Directed Study | |
| FOR 493: Honors Thesis (L) | |
| FOR 494: Special Topics | |
| FOR 497: Honors Colloquium | |
| FOR 499: Individualized Instruction | |

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map




History, BA





School/College: New College of Interdisciplinary Arts and Sciences



Location: West campus



ASHISBA





| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  Two Semester Survey in U.S. History, Global History or Western Civilization AND Historical Awareness (H) | 3 | C | <ul style="list-style-type: none"> An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses. Mathematics Placement Assessment score determines placement in mathematics course. ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. NEW 101 satisfies this requirement. IAS 300 is required for all transfer students in place of NEW 101. Select your Career Interest Communities and play me3@ASU. Activate your Handshake account and build out your profile. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| NEW 101-H: The ASU New College Experience | 1 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 16 | | |




| Term 2 16 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  Two Semester Survey in U.S. History, Global History or Western Civilization AND Historical Awareness (H) | 3 | C | <ul style="list-style-type: none"> For History Related Area Courses students may elect to take AMS 201, ETH 100, PAX 230, or WST 100 in term 3 depending on course availability. Please speak with academic advisor. Create a first draft resume. Join a student club or professional organization. Secure a part-time job or volunteer experience. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 48 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  HST Elective | 3 | C | <ul style="list-style-type: none"> Develop your research skills. Develop your professional skills. Build your professional connections - join the ASU Mentor Network. |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 3 | | |
|  Complete First-Year Composition requirement. | | | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 48 - 63 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  <i>Complete 2 courses:</i> | | | |
| History Related Area Course | 6 | C | <ul style="list-style-type: none"> • Explore an internship, IGLE international experience or ASU Study Abroad. |
| Global Awareness (G) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  <i>Complete 2 courses:</i> | | | |
| HST Upper Division Elective | 6 | C | <ul style="list-style-type: none"> • IAS 300 (3 credit hours) is required for all transfer students. • Thinking about graduate school? Consider registering for a grad school test prep course. • Develop your professional online presence |
| Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB) | 3 | | |
| Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  Upper Division Non-US Non-European History Course | 3 | C | <ul style="list-style-type: none"> • For upper division Non-U.S., Non-European History course, see please academic advisor. • Use Handshake to research employment opportunities. • Complete an in person or virtual practice interview. |
|  History Related Area Course | 3 | C | |
| HST Upper Division Elective | 3 | C | |
| Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| Upper Division Elective | 3 | | |
|  Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  <i>Complete 2 courses:</i> | | | |
| Upper Division History Related Area Course | 6 | C | <ul style="list-style-type: none"> • Students must complete six credit hours of upper division History course work prior to enrolling in HST 495. • Gather professional references. |
|  Upper Division Non-US Non-European History Course | 3 | C | |
|  HST Upper Division Elective | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ HST 495: Methods of Historical Inquiry (L) | 3 | C | <ul style="list-style-type: none"> • Students must complete six credit hours of upper division History course work prior to enrolling in HST 495. • Apply for full-time career opportunities. |
| Upper Division Social-Behavioral Sciences (SB) OR Upper Division Humanities, Arts and Design (HU) | 3 | | |
| Upper Division Elective OR IAS 484: Internship | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 12 | | |

- Students must select two courses from one of the three history survey tracks: U.S. History, Western Civilization, or World History.
- Students must complete 12 credit hours of upper division History in courses offered by the New College of Interdisciplinary Arts and Sciences.

Hide Course List(s)/Track Group(s)

| | | |
|--|---|---|
| Two Semester History Survey: U.S. History | Two Semester History Survey: Global History | Two Semester History Survey: Western Civilization |
| HST 109: United States to 1865 ((HU or SB) & H) | HST 100: Global History to 1500 (HU & H & G) | HST 102: Western Civilization: Ancient and Medieval Europe (SB & H) |
| HST 110: United States Since 1865 (SB & H) | HST 101: Global History Since 1500 (HU & H & G) | HST 103: Western Civilization: Renaissance to Enlightenment ((HU or SB) & H) |
| | | HST 104: Western Civilization: French Revolution to European Union ((HU or SB) & G & H) |
| Non-US/Non-European History Courses | History Related Area Courses | |
| HST 375: Colonial Latin America (SB & H) | AMS Elective | |
| HST 376: Modern Latin America (SB & G & H) | ENG Elective | |
| HST 404: Conquest and Encounters in Colonial Latin America (L & G) | ETH Elective | |
| HST 430: The Ottoman Empire in the Classical Period | HRC Elective | |
| HST 441: Latin America and the World Economy (L & G & H) | HST Elective | |
| HST 454: History of Genocide (G & H) | JHR Elective | |
| | LAS Elective | |
| | PAX Elective | |
| | PHI Elective | |
| | REL Elective | |
| | SPA Elective | |

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum

General University Requirements Legend

- General Studies Core Requirements:
- Literacy and Critical Inquiry (L)

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map




History (Secondary Education), BA





School/College: New College of Interdisciplinary Arts and Sciences

Location: West campus




ASHISSEBA




| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  Two Semester Survey in U.S. History, Global History or Western Civilization AND Historical Awareness (H) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. NEW 101 satisfies this requirement. • By the end of Term 6, a minimum 2.50 cumulative GPA is required in order to progress into the Professional Pathways Education Program. • Select your Career Interest Communities and play me3@ASU. • Activate your Handshake account and build out your profile. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| NEW 101-H: The ASU New College Experience | 1 | | |
| Global Awareness (G) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 16 | | |







| Term 2 16 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  Two Semester Survey in U.S. History, Global History or Western Civilization AND Historical Awareness (H) | 3 | C | <ul style="list-style-type: none"> • Create a first draft resume. • Join a student club or professional organization. • Secure a part-time job or volunteer experience. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Computer/Statistics/Quantitative Applications (CS) (CIS 105 OR EDT 180 OR EDT 321 recommended) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |


| Term 3 32 - 48 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  HST Elective | 3 | C | <ul style="list-style-type: none"> • Develop your research skills. • Develop your professional skills. • Build your professional connections -- join the ASU Mentor Network. |
| History Related Area Course | 3 | C | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Social-Behavioral Sciences (SB) (GCU 113 recommended) | 3 | | |
|  Complete First-Year Composition requirement. | | | |
|  Complete Mathematics (MA) requirement. | | | |

Term hours subtotal: 16

| Term 4 48 - 62 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  History Related Area Course | 3 | C | <ul style="list-style-type: none"> Explore an internship, IGLE international experience or ASU Study Abroad. |
|  HST Elective | 3 | C | |
| EDP 313: Childhood and Adolescence (SB) OR TEL 315: Child and Adolescent Development (L or SB) | 3 | C | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 2 | | |
| Term hours subtotal: | 14 | | |

| Term 5 62 - 77 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  Upper Division Non-U.S. Non-European History Course | 3 | C | <ul style="list-style-type: none"> Apply for an identity verified print (IVP) fingerprint clearance card. Your IVP fingerprint card will be needed for internship/student teaching residency requirements in Terms 7 and 8. Thinking about graduate school? Consider registering for a grad school test prep course. Develop your professional online presence. |
|  Complete 2 courses: HST Upper Division Elective | 6 | C | |
| Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 77 - 89 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  HST 495: Methods of Historical Inquiry (L) | 3 | C | <ul style="list-style-type: none"> Meet with a Mary Lou Fulton Teachers College advisor early in the semester to discuss education program requirements and submit a copy of your IVP fingerprint card. Once this is completed, you will be asked to attend a professional pathways program orientation. These steps must be completed before enrolling in Term 7 courses. Use Handshake to research employment opportunities. Complete an in person or virtual practice interview. |
| Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| Upper Division Non-U.S. Non-European History Course | 3 | C | |
| HST Upper Division Elective | 3 | C | |
|  Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
|  Milestone: Must attend Professional Pathways Orientation prior to enrollment in Term 7 courses. | | | |
|  Milestone: Submit Identity Verified Print (IVP) DPS fingerprint clearance card. | | | |
|  Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 12 | | |

| Term 7 89 - 105 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|--|----|---|
| ★ BLE 407: SEI for Secondary Students (L) | 3 | C |
| ★ RDG 323: Literacy Processes in Content Areas | 3 | C |
| ★ SED 322: Classroom Leadership in Secondary Schools (L) | 3 | C |
| ★ SED 494: Methods of Teaching History: Community Resources | 3 | C |
| ★ SED 496: Clinical Experience III | 1 | C |
| ★ TEL 311: Instruction and Management in the Inclusive Classroom | 3 | C |
| Minimum 2.50 GPA ASU Cumulative. | | |
| Term hours subtotal: | 16 | |

- All degree requirements must be completed prior to student teaching. Only one course will be approved to take concurrently with student teaching.
- During your clinical experience internship, you will work alongside a lead teacher in a 6-12th grade classroom.
- Reliable transportation is required to get to school sites in Terms 7-8.
- Gather **professional references**.

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|--|----|---|
| ★ SED 478: Student Teaching: Secondary Education (Grades 6-12) | 12 | C |
| SPE 417: Inclusion Practices at the Secondary Level | 3 | C |
| Minimum 2.50 GPA ASU Cumulative. | | |
| Term hours subtotal: | 15 | |

- Your student teaching residency requires a full-time commitment in a 6-12th grade classroom for the semester.
- Students seeking teacher certification must pass required **educator exams**. Speak to your education advisor to plan appropriately.
- Apply for **full-time employment opportunities**.

- Students must select two courses from one of the three history survey tracks: U.S. History, Western Civilization, or World History.
- Students must complete 12 credit hours of upper-division history courses offered by the New College of Interdisciplinary Arts and Sciences.

Hide Course List(s)/Track Group(s)

| | | |
|--|---|---|
| Two Semester History Survey: U.S. History | Two Semester History Survey: Global History | Two Semester History Survey: Western Civilization |
| HST 109: United States to 1865 ((HU or SB) & H) | HST 100: Global History to 1500 (HU & H & G) | HST 102: Western Civilization: Ancient and Medieval Europe (SB & H) |
| HST 110: United States Since 1865 (SB & H) | HST 101: Global History Since 1500 (HU & H & G) | HST 103: Western Civilization: Renaissance to Enlightenment ((HU or SB) & H) |
| | | HST 104: Western Civilization: French Revolution to European Union ((HU or SB) & G & H) |
| Non-US/Non-European History Courses | History Related Area Courses | |
| HST 375: Colonial Latin America (SB & H) | AMS Elective | |
| HST 376: Modern Latin America (SB & G & H) | ENG Elective | |
| | ETH Elective | |
| HST 404: Conquest and Encounters in Colonial Latin America (L & G) | HRC Elective | |
| | HST Elective | |
| HST 430: The Ottoman Empire in the Classical Period | JHR Elective | |
| | LAS Elective | |

HST 441: Latin America and the World
Economy (L & G & H)

PAX Elective

HST 454: History of Genocide (G & H)

PHI Elective

REL Elective

SPA Elective

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map




Interdisciplinary Arts and Performance, BA




School/College: [New College of Interdisciplinary Arts and Sciences](#)

Location: [West campus](#)




ASIAPBA


| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  IAP 102: Foundations I: Performance Techniques and Composition OR IAP 103: Foundations I: Interdisciplinary Digital Media OR IAP 104: Foundations I: Fundamentals of Sound Art OR IAP 105: Foundations I: Fundamentals of Visual Art | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. NEW 101 satisfies this requirement. • IAS 300 (3 credits) is required for all transfer students in place of NEW 101. • Select your Career Interest Community and play me3@ASU. • Activate your Handshake account and build out your profile. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| NEW 101-H: The ASU New College Experience | 1 | | |
| Historical Awareness (H) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 16 | | |






| Term 2 16 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  IAP 102: Foundations I: Performance Techniques and Composition OR IAP 103: Foundations I: Interdisciplinary Digital Media OR IAP 104: Foundations I: Fundamentals of Sound Art OR IAP 105: Foundations I: Fundamentals of Visual Art | 3 | C | <ul style="list-style-type: none"> • Create a first draft resume. • Join a student club or professional organization. • Secure a part-time job or volunteer experience. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 48 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| IAP 201: Introduction to Interdisciplinary Arts (HU) OR IAP 202: Perspectives on Interdisciplinary Arts and Performance (HU) | 3 | C | <ul style="list-style-type: none"> • Develop your research skills. Discuss with a faculty member. • Develop your professional skills. • Build your professional connections - join the ASU Mentor Network. |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Complete 2 courses: Elective | 6 | | |
|  Complete First-Year Composition requirement. | | | |
|  Complete Mathematics (MA) requirement. | | | |

Term hours subtotal: 16

| Term 4 48 - 63 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  Complete 2 courses: IAP Elective | 6 | C | <ul style="list-style-type: none"> Explore an internship, an IGLE international experience, or ASU study abroad. |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Global Awareness (G) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
|  Complete IAP 201 or IAP 202 course(s). | | | |
| Term hours subtotal: | | 15 | |

| Term 5 63 - 78 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  IAP 304: Traditions of the Avant-Garde and Experimental Art (L or HU) OR IAP 305: 20th and 21st Century Art, Performance, and Media (L or HU) | 3 | C | <ul style="list-style-type: none"> IAS 300 (3 credit hours) is required for all transfer students. Thinking about graduate school? Consider registering for a grad school test prep course. Develop your professional online presence. |
| Complete 2 courses: IAP Upper Division Elective | 6 | C | |
| Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | | 15 | |

| Term 6 78 - 93 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  IAP 325: Sound Performance: Exploring Alternative Performance Groups | 3 | C | <ul style="list-style-type: none"> Use Handshake to research employment opportunities. Complete an in person or virtual practice interview. |
|  IAP 354: Visual Representation | 3 | C | |
|  IAP 361: Digital Editing and Media Literacy (CS) | 3 | C | |
| IAP 4** Elective | 3 | C | |
| Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
|  Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | | 15 | |

| Term 7 93 - 108 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  IAP 334: Conceptual Development in the Arts | 3 | C | <ul style="list-style-type: none"> Gather professional references. |
|  IAP 375: Contemporary Performance: Theories and Practice | 3 | C | |
| IAP 4** Elective | 3 | C | |
| Complete 2 courses: Elective | 6 | | |
| Term hours subtotal: | | 15 | |

| | | Minimum | |
|--|--|---------|--|
|--|--|---------|--|

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Grade | Notes |
|---|-------|-------|---|
| ★ IAP 480: Senior Project | 3 | C | • Apply for full-time career opportunities. |
| IAP Upper Division Elective | 3 | C | |
| Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| Elective OR IAP 484: Internship | 3 | | |
| Term hours subtotal: | 12 | | |

Hide Course List(s)/Track Group(s)

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map



Interdisciplinary Arts and Performance, BA



School/College: [New College of Interdisciplinary Arts and Sciences](#)




Location: [Online](#)



ASIAPBA



| Term 1 - A 0 - 7 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  IAP 103: Foundations I: Interdisciplinary Digital Media OR IAP 105: Foundations I: Fundamentals of Visual Art | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. IAS 300 (3 credits) is required for all transfer students in place of ASU 101-UC. • Select your career interest communities and play me3@ASU. • Activate your Handshake account and build out your profile. |
| ASU 101-UC: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| Term hours subtotal: | 7 | | |



| Term 1 - B 7 - 13 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  IAP 103: Foundations I: Interdisciplinary Digital Media OR IAP 105: Foundations I: Fundamentals of Visual Art | 3 | C | <ul style="list-style-type: none"> • View ASU Online first-year student registration information here. |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| Term hours subtotal: | 6 | | |

| Term 2 - A 13 - 19 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|  IAP 202: Perspectives on Interdisciplinary Arts and Performance (HU) | 3 | C | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 2 - B 19 - 25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  IAP Elective | 3 | C | <ul style="list-style-type: none"> • Create a first draft resume. |
| Humanities, Arts and Design (HU) | 3 | | |
|  Complete ENG 101 or ENG 105 or ENG 107 course(s) | 0 | | |
| Term hours subtotal: | 6 | | |

| Term 3 - A 25 - 31 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  IAP Elective | 3 | C | <ul style="list-style-type: none"> • Build your professional skills. |
| Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 6 | | |



| Term 3 - B 31 - 38 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| Natural Science - Quantitative (SQ) | 4 | | <ul style="list-style-type: none"> Build your professional connections - join the ASU Mentor Network. |
| Social-Behavioral Sciences (SB) | 3 | | |
|  Complete First-Year Composition requirement. | | | |
| Term hours subtotal: | 7 | | |



| Term 4 - A 38 - 45 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | <ul style="list-style-type: none"> Develop your skills. |
| Cultural Diversity in the U.S. (C) | 3 | | |
|  Complete Mathematics (MA) requirement | 0 | | |
| Term hours subtotal: | 7 | | |

| Term 4 - B 45 - 51 Credit Hours | Hours | Minimum Grade | Notes |
|---------------------------------|-------|---------------|---|
| Social-Behavioral Sciences (SB) | 3 | | <ul style="list-style-type: none"> Explore an internship, IGLE international experience or ASU study abroad. |
| Global Awareness (G) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - A 51 - 57 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  IAP 305: 20th and 21st Century Art, Performance, and Media (L or HU) | 3 | C | <ul style="list-style-type: none"> IAS 300 (3 credit hours) is required for all transfer students in place of ASU 101-UC. |
| Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - B 57 - 63 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  IAP 325: Sound Performance: Exploring Alternative Performance Groups | 3 | C | <ul style="list-style-type: none"> Create your professional online presence. |
| Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - A 63 - 69 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  IAP 334: Conceptual Development in the Arts | 3 | C | |
| Upper Division Language and Cultures: Requirement satisfied through the following: | | | |
| * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 69 - 75 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  IAP 354: Visual Representation | 3 | C | <ul style="list-style-type: none"> Thinking about graduate school? Consider registering for a graduate school test prep course. |
| Upper Division Language and Cultures: Requirement satisfied through the following: | | | |

* Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.

3 C

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal: 6

| Term 7 - A 75 - 81 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | | |
|--|---|---|---|
| ★ IAP 361: Digital Editing and Media Literacy (CS) | 3 | C | • Create your professional online presence. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 81 - 87 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|--|---|---|
| ★ IAP 375: Contemporary Performance: Theories and Practice | 3 | C |
| Elective | 3 | |
| Term hours subtotal: | 6 | |

| Term 8 - A 87 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | | |
|-------------------------------|---|---|---|
| ★ IAP Upper Division Elective | 3 | C | • Use Handshake to research employment opportunities. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 93 - 99 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|-------------------------------|---|---|
| ★ IAP Upper Division Elective | 3 | C |
| Elective | 3 | |
| Term hours subtotal: | 6 | |

| Term 9 - A 99 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | | |
|-------------------------------|---|---|--|
| ★ IAP Upper Division Elective | 3 | C | • Complete an in person or virtual practice interview. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - B 105 - 111 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | | |
|-------------------------------|---|---|-----------------------------------|
| ★ IAP Upper Division Elective | 3 | C | • Gather professional references. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 10 - A 111 - 117 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | | |
|-------------------------------|---|---|---|
| ★ IAP Upper Division Elective | 3 | C | • Apply for full-time career opportunities. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

Minimum

| Term 10 - B 117 - 120 Credit Hours Necessary course signified by ★ | Hours | Grade | Notes |
|--|-------|-------|-------|
| ★ IAP 480: Senior Project | 3 | C | |
| Term hours subtotal: | | 3 | |

Hide Course List(s)/Track Group(s)

- Upper Division IAP Elective
- IAP 362: Games and Narratology
- IAP 364: Documentaries
- IAP 394: 3D Modeling and Media Literacy
- IAP 421: Composition: Process Technique and Style II
- IAP 462: Games and Play
- IAP 494: Disability and Aesthetics
- IAP 494: Exhibition-Installation

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

- General Studies Core Requirements:
- Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - Computer/Statistics/Quantitative Applications (CS)
 - Humanities, Arts and Design (HU)
 - Social-Behavioral Sciences (SB)
 - Natural Science - Quantitative (SQ)
 - Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map



Interdisciplinary Arts and Sciences, BA





School/College: [New College of Interdisciplinary Arts and Sciences](#)


Location: [West campus](#)

ASIASBA

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college specific equivalent First Year Seminar required of all first-year students. NEW 101 satisfies this requirement. • Select your Career Interest Communities and play me3@ASU. • Activate your Handshake account and build out your profile. |
| MAT 142: College Mathematics (MA) | 3 | C | |
| NEW 101-H: The ASU New College Experience | 1 | | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • For the area of concentration courses starting in the next term, work with an advisor to select a minor available at ASU or construct an individualized area of concentration with a coherent theme or purpose. • Create a first draft resume. • Join a student club or professional organization. • Secure a part-time job or volunteer experience |
| Historical Awareness (H) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 47 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  Area of Concentration Course | 3 | C | <ul style="list-style-type: none"> • Area of Concentration courses are chosen in consultation with an academic advisor. • Develop your research skills. • Develop your professional skills. • Build your professional connections  join the ASU Mentor Network. |
| Literacy and Critical Inquiry (L) | 3 | | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 3 | | |
|  Complete Mathematics (MA) requirement. | | | |
| Complete First-Year Composition requirement. | | | |
| Term hours subtotal: | 15 | | |

| Term 4 47 - 63 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|



| | | |
|---|----|---|
| ◆ Area of Concentration Course | 3 | C |
| Global Awareness (G) | 3 | |
| Humanities, Arts and Design (HU) | 3 | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | |
| Elective | 3 | |
| Term hours subtotal: | 16 | |

- Area of Concentration courses are chosen in consultation with an academic advisor.
- Explore an **internship**, an **IGLE international experience**, or **ASU Study Abroad**.

| Term 5 63 - 78 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ IAS 300: Career Strategies and Personal Resilience (L or SB) | 3 | C | <ul style="list-style-type: none"> • Area of Concentration courses are chosen in consultation with an academic advisor. • Thinking about graduate school? Consider registering for a grad school test prep course. • Develop your professional online presence. |
| ★ Upper Division Area of Concentration Course | 3 | C | |
| ★ Upper Division Ethical Reflection Course AND Upper Division Humanities, Arts and Design (HU) | 3 | C | |
| Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ Upper Division Area of Concentration Course | 3 | C | <ul style="list-style-type: none"> • Area of Concentration courses are chosen in consultation with an academic advisor. • Use Handshake to research employment opportunities. • Complete an in person or virtual practice interview. |
| ★ Upper Division Diverse Identities Course | 3 | C | |
| Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| Complete 2 courses: Elective | 6 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ Complete 2 courses: Upper Division Area of Concentration Course | 6 | C | <ul style="list-style-type: none"> • Area of Concentration courses are chosen in consultation with an academic advisor. • Gather professional references. |
| ★ Upper Division Scientific and Mathematical Perspectives Course | 3 | C | |
| ★ Upper Division Secular and Sacred Worldviews Course | 3 | C | |
| ★ Upper Division Related Area Elective | 3 | C | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  Upper Division Capstone | 3 | C | • Apply for full-time career opportunities . |
| <i>Complete 2 courses:</i> | | | |
| Upper Division Elective | 6 | | |
| Elective | 3 | | |
| Term hours subtotal: | 12 | | |

Hide Course List(s)/Track Group(s)

| Diverse Identities Course List | Ethical Reflection Course List | Secular and Sacred Worldviews Course List |
|---|---|--|
| AMS 330: American Lives (HU & C) | IAS 406: Moral Dilemmas (L or HU) or PHI 406: Moral Dilemmas (L or HU) | PHI 303: The Future of Religions (L or HU) or REL 300: The Future of Religions (L or HU) |
| AMS 380: Race Gender and Class (SB & C) or ETH 380: Race Gender and Class (SB & C) or WST 380: Race Gender and Class (SB & C) | IAS 409: Eco-Community Ethics (HU) or PHI 409: Eco-Community Ethics (HU) | PHI 318: Philosophy of Religion (HU) |
| AMS 428: Peoples and Cultures of the American West to 1848 (SB & H) or ETH 428: Peoples and Cultures of the American West to 1848 (SB & H) or LAS 428: Peoples and Cultures of the American West to 1848 (SB & H) | IAS 410: Evolution of Ideas (L or HU) IAS 430: Science and Religion (L or HU) | REL 310: Western Religious Traditions (HU & H) REL 320: American Religious Traditions (HU & C & H) |
| AMS 450: Latina/os Schooling and Social Inequality (C) or ETH 450: Latina/os Schooling and Social Inequality (C) or LAS 450: Latina/os Schooling and Social Inequality (C) | PHI 304: Existentialism (HU) PHI 306: Applied Ethics (HU) PHI 318: Philosophy of Religion (HU) | REL 321: Religion in America ((L or HU) & C & H) REL 345: Asian Religious Traditions (HU & G) |
| AMS 469: Abject Bodies and the Politics of Trash (SB & C) or ETH 469: Abject Bodies and the Politics of Trash (SB & C) or WST 469: Abject Bodies and the Politics of Trash (SB & C) | PHI 324: Existential Ethics (HU) PHI 360: Business and Professional Ethics (HU) PHI 408: Feminist Ethics (HU) | REL 381: Religion and Moral Issues (L or HU) REL 390: Women Gender and Religion (HU & G) or WST 390: Women Gender and Religion (HU & G) |
| ENG 317: Cross-Cultural Writing ((L or HU) & G) | | REL 391: Historical Perspectives on Philosophy and Religion REL 401: Sacred Scriptures and Social Choices (HU & G) |
| ENG 420: Multicultural Autobiographies ((L or HU) & C) or IAS 420: Multicultural Autobiographies ((L or HU) & C) | | REL 420: Religion in American Life and Thought (HU) |
| ENG 476: Studies in Folklore ((L or HU or SB) & C) | | |
| ENG 477: World Literature ((L or HU) & G) | | |
| ETH 430: Gender on the Borderlands (SB & G) or LAS 430: Gender on the Borderlands (SB & G) or WST 430: Gender on the Borderlands (SB & G) | | |
| ETH 473: Indigenous and Latina/Chicana Representation (SB & C) or LAS 473: | | |

Indigenous and Latina/Chicana Representation (SB & C) or WST 473: Indigenous and Latina/Chicana Representation (SB & C)

HST 328: Women in U.S. History 1880-1980 ((HU or SB) & C & H)

HST 419: 20th Century Chicano/a History (C) or LAS 419: 20th Century Chicano/a History (C)

IAS 305: Work and Identity (SB)

PHI 439: Philosophy of Love and Sex

REL 321: Religion in America ((L or HU) & C & H)

WST 300: Women and Gender in Contemporary Society (SB & C)

WST 333: Critical Perspectives on Sexuality (SB & C)

WST 376: Feminist Theory (H & C)

WST 457: Women Cultures and Societies (SB & G)

| Scientific and Mathematical Perspectives Course List | Related Area Elective | Capstone |
|--|-----------------------|---|
| | AMS Elective | HON 493: Honors Thesis (L) |
| IAS 340: Bioethics (HU) or PHI 320: Bioethics (HU) | DST Elective | HRC 480: Capstone: Practices and Approaches (L) |
| IAS 407: Environmental Philosophy and Policy (L or HU) or PHI 407: Environmental Philosophy and Policy (L or HU) | ENG Elective | IAS 480: Capstone: Practices and Approaches |
| IAS 410: Evolution of Ideas (L or HU) | ETH Elective | IAS 484: IAS Internship |
| IAS 430: Science and Religion (L or HU) | HRC Elective | IAS 493: Honors Thesis (L) |
| | HST Elective | |
| | IAP Elective | |
| MAT 411: History and Philosophy of Mathematics (HU & H) | IAS Elective | |
| PHI 319: Philosophy Computing and Artificial Intelligence (CS) | JHR Elective | |
| | LAS Elective | |
| SBS 304: Social Statistics I (CS) | PAX Elective | |
| | PHI Elective | |
| | REL Elective | |
| | SPA Elective | |
| | WST Elective | |

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map




Latin American Studies, BA






School/College: New College of Interdisciplinary Arts and Sciences

Location: West campus

ASLASBA

| Term 1 0 - 15 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  SPA 101: Elementary Spanish I OR POR 101: Elementary Portuguese I | 4 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. NEW 101 satisfies this requirement. • IAS 300 (3 credits) is required for all transfer students in place of NEW 101. • Select a Career Interest Communities and play me3@ASU. • Activate your Handshake account and build out your profile. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| NEW 101-H: The ASU New College Experience | 1 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Elective | 1 | | |
| Term hours subtotal: | 15 | | |

| Term 2 15 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  SPA 102: Elementary Spanish II OR POR 102: Elementary Portuguese II | 4 | C | <ul style="list-style-type: none"> • Create a first draft resume. • Join a student club or professional organization. • Secure a part-time job or volunteer experience. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 1 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 3 30 - 44 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  LAS 205: Deep Roots: Latin America (HU & G) OR LAS 206: Locating Latin America: Interdisciplinary Methods | 3 | C | <ul style="list-style-type: none"> • Develop your research skills. • Develop your professional skills. • Build your professional connections - join the ASU Mentor Network |
|  SPA 201: Intermediate Spanish (G) OR POR 201: Intermediate Portuguese I (G) | 4 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
|  Complete First-Year Composition requirement. | | | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 14 | | |

| Term 4 44 - 60 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|---|----|---|
| ❖ LAS 205: Deep Roots: Latin America (HU & G) OR LAS 206: Locating Latin America: Interdisciplinary Methods | 3 | C |
| ❖ SPA 202: Intermediate Spanish (G) OR POR 202: Intermediate Portuguese II | 4 | C |
| Cultural Diversity in the U.S. (C) | 3 | |
| Literacy and Critical Inquiry (L) | 3 | |
| Social-Behavioral Sciences (SB) | 3 | |
| Term hours subtotal: | 16 | |

- Explore an internship, IGLE international experience, or ASU Study Abroad.

| Term 5 60 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ Upper Division Social and Cultural Representation Elective | 3 | C | <ul style="list-style-type: none"> • The course taken to fulfill the Upper Division Social and Cultural Representation requirement cannot also be used to fulfill the Upper Division Latin American Studies Elective requirement. • IAS 300 (3 credit hours) is required for all transfer students. • Thinking about graduate school? Consider registering for a grad school test prep course. • Develop your professional online presence. |
| ★ Upper Division Latin American Studies Elective | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB) | 3 | | |
| Complete 2 courses: Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ Complete 2 courses: Upper Division Latin American Studies Elective | 6 | C | <ul style="list-style-type: none"> • Use Handshake to research employment opportunities. • Complete an in person or virtual practice interview. |
| Upper Division Elective | 3 | | |
| Complete 2 courses: Elective | 6 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ Complete 2 courses: Upper Division Latin American Studies Elective | 6 | C | <ul style="list-style-type: none"> • Gather professional references. |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ Upper Division Latin American Studies Elective | 3 | C | <ul style="list-style-type: none"> • Apply for full-time employment opportunities. |
| Complete 3 courses: Upper Division Elective | 9 | | |
| ★ LAS 484: Internship or LAS 493: Honors Thesis or LAS 499: Individualized Instruction | 3 | C | |
| Term hours subtotal: | 15 | | |

Hide Course List(s)/Track Group(s)

| Upper Division Social and Cultural Representation Elective | Upper Division Latin American Studies Electives |
|--|--|
| LAS 449: Latin American Cinema: The Dead and the Disappeared (G & H) or SPA 449: Latin American Cinema: The Dead and the Disappeared (G & H) | ETH 430: Gender on the Borderlands (SB & G) or LAS 430: Gender on the Borderlands (SB & G) or WST 430: Gender on the Borderlands (SB & G) |
| LAS 480: Current Trends in Theatre and New Media in Latin America and Spain (HU) | LAS 330: From the Inside: The Latin American Journey (HU) |
| LAS 481: Dictatorships and Dirty Wars: Latin American Cinema from Resistance to Reconciliation (HU & G) or SPA 481: Dictatorships and Dirty Wars: Latin American Cinema from Resistance to Reconciliation (HU & G) | LAS 340: Latin American Women Writers or WST 341: Latin American Women Writers |
| JUS 475: Law Societies and Justice in Latino-America (SB & G) or SPA 470: Law Societies and Justice in Latino-America (SB & G) | LAS 350: The Construction of a Nation: Chile in the 20th/21st Century |
| | LAS 351: Cityscapes: Urban Mexican Literature and Culture |
| | LAS 355: Contemporary Mexican Cinema: Changing Cartographies |
| | LAS 375: Colonial Latin America (SB & H) or HST 375: Colonial Latin America (SB & H) |
| | LAS 376: Modern Latin America (SB & G & H) or HST 376: Modern Latin America (SB & G & H) |
| | LAS 394: Special Topics or POR 394: Special Topics or SPA 394: Special Topics |
| | LAS 419: 20th Century Chicano/a History (C) or HST 419: 20th Century Chicano/a History (C) |
| | LAS 449: Latin American Cinema: The Dead and the Disappeared (G & H) or SPA 449: Latin American Cinema: The Dead and the Disappeared (G & H) |
| | LAS 480: Current Trends in Theatre and New Media in Latin America and Spain (HU) |
| | LAS 481: Dictatorships and Dirty Wars: Latin American Cinema from Resistance to Reconciliation (HU & G) or SPA 481: Dictatorships and Dirty Wars: Latin American Cinema from Resistance to Reconciliation (HU & G) |
| | LAS 494: Special Topics or POR 494: Special Topics or SPA 494: Special Topics |
| | SPA 313: Spanish Conversation and Composition (G) or SPA 315: Advanced Spanish I for Bilinguals (C) or POR 313: Portuguese Conversation and Culture (G) |

SPA 314: Spanish Conversation and Composition (G) or SPA 316: Advanced Spanish II for Bilinguals (L & C) or POR 314: Portuguese Composition and Culture (G)

SPA 317: Spanish for the Professions (G)

SPA 427: Colonial and Postcolonial Latin American Literature (L or HU)

SPA 428: Foundational Texts of Latin American Literature Since Modernismo ((L or HU) & G)

SPA 429: Writing Mexico: Major Texts ((L or HU) & G)

SPA 456: 20th-Century Spanish American Fiction

SPA 459: Latin American Jewish Culture

SPA 470: Law Societies and Justice in Latino-America (SB & G) or JUS 475: Law Societies and Justice in Latino-America (SB & G)

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map




Pharmacology and Toxicology, BS






School/College: [New College of Interdisciplinary Arts and Sciences](#)

Location: [West campus](#)



ASPTXBS




| Term 1 0 - 15 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  BIO 181: General Biology I (SQ) | 4 | C | <ul style="list-style-type: none"> An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. Mathematics Placement Assessment score determines placement in Mathematics course. ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. NEW 101 satisfies this requirement. IAS 300 (3 credit hours) is required for all transfer students in place of NEW 101. Select your Career Interest Communities and play me3@ASU. Activate your Handbrake account and build out your profile. |
| CHM 113: General Chemistry I (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 210: Brief Calculus (MA) or MAT 251: Calculus for Life Sciences (MA) OR STP 226: Elements of Statistics (CS) | 3 | C | |
| NEW 101-M: The ASU New College Experience | 1 | | |
| Term hours subtotal: | 15 | | |




| Term 2 15 - 29 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  BIO 182: General Biology II (SG) | 4 | C | <ul style="list-style-type: none"> Create a first draft resume. Join a student club or professional organization. Secure a part-time job or volunteer experience. |
| CHM 116: General Chemistry II (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 210: Brief Calculus (MA) or MAT 251: Calculus for Life Sciences (MA) OR STP 226: Elements of Statistics (CS) | 3 | C | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 14 | | |




| Term 3 29 - 44 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ) | 4 | C | <ul style="list-style-type: none"> Develop your research skills. Develop your professional skills. Build your professional connections - join the ASU Mentor Network. |
| BIO 201: Human Anatomy and Physiology I (SG) | 4 | C | |
| CHM 233: General Organic Chemistry I AND CHM 237: General Organic Chemistry Laboratory I | 4 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
|  Complete CHM 113, CHM 116 course(s). | | | |
|  Complete First-Year Composition requirement. | | | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 15 | | |

| | | Minimum | |
|--|--|---------|--|
|--|--|---------|--|

| Term 4 44 - 60 Credit Hours Critical course signified by  | Hours | Grade | Notes |
|--|-------|-------|--|
|  PHY 112: General Physics (SQ) AND PHY 114: General Physics Laboratory (SQ) | 4 | C | <ul style="list-style-type: none"> Explore an internship, an IGLE international experience, or ASU Study Abroad. |
| BIO 202: Human Anatomy and Physiology II (SG) | 4 | C | |
| CHM 234: General Organic Chemistry II AND CHM 238: General Organic Chemistry Laboratory II | 4 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Elective | 1 | | |
| Term hours subtotal: | 16 | | |

| Term 5 60 - 76 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  LSC 347: Fundamentals of Genetics AND LSC 348: Fundamentals of Genetics Laboratory | 4 | C | <ul style="list-style-type: none"> IAS 300 (3 credit hours) is required for all transfer students. Thinking about graduate school? Consider registering for a grad school test prep course. Develop your professional online presence. |
|  PTX 301: Basics of Pharmacology and Toxicology | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB) | 3 | | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 6 76 - 92 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  BIO 353: Cell Biology AND BIO 354: Cell Biology Laboratory | 4 | C | <ul style="list-style-type: none"> A total of 4 credit hours of PTX 499 may be applied to the Upper Division Pharmacology/Toxicology elective requirement. A total of 3 credit hours of PTX 484 or PTX 493 may be applied to the Upper Division Pharmacology/Toxicology elective requirement. Use Handshake to research employment opportunities. Complete an in person or virtual practice interview. |
| Upper Division Pharmacology and Toxicology Elective | 3-5 | C | |
| Historical Awareness (H) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
|  Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 16-18 | | |

| Term 7 92 - 106 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  BCH 371: Modern Concepts in Biochemistry AND BCH 372: Modern Concepts in Biochemistry Laboratory | 4 | C | <ul style="list-style-type: none"> A total of 4 credit hours of PTX 499 may be applied to the Upper Division Pharmacology/Toxicology elective requirement. A total of 3 credit hours of PTX 484 or PTX 493 may be applied to the Upper Division Pharmacology/Toxicology elective requirement. Gather professional references. |
|  PTX 432: Fundamentals of Pharmacology | 3 | C | |
| Upper Division Pharmacology and Toxicology Elective | 4 | C | |
| Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| Term hours subtotal: | 14 | | |

| Term 8 106 - 120 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | |
|---|-------|---|
| ★ PTX 450: Pharmacology and Toxicology Laboratory | 1 | C |
| PTX 475: Principles of Toxicology | 3 | C |
| Upper Division Humanities, Arts and Design (HU) AND Global Awareness (G) OR Upper Division Social-Behavioral Sciences (SB) AND Global Awareness (G) (ASB 353 OR SOC 353 recommended) | 3 | |
| Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C |
| Upper Division Elective | 4-2 | |
| Term hours subtotal: | 14-12 | |

- General elective credit hours will be adjusted depending on the Pharmacology/Toxicology electives selected. Discuss with your advisor.
- A total of 4 credit hours of PTX 499 may be applied to the Upper Division Pharmacology and Toxicology elective requirement.
- A total of 3 credit hours of PTX 484 or PTX 493 may be applied to the Upper Division Pharmacology and Toxicology elective requirement.
- Apply for **full-time career opportunities**.

Hide Course List(s)/Track Group(s)

| |
|---|
| Upper Division Pharmacology and Toxicology Elective |
| BIO 439: Computing for Research |
| CHM 302: Environmental Chemistry |
| CHM 435: Medicinal Chemistry |
| FOR 401: Forensic Toxicology |
| LSC 425: Analytical Chemistry for Life Sciences AND LSC 426: Analytical Chemistry for Life Sciences Lab |
| LSC 430: Environmental and Human Toxicology |
| MIC 443: The Microbial Universe AND MIC 444: The Microbial Universe Laboratory |
| PSY 470: Psychopharmacology |
| PTX 388: Research Fundamentals for the Natural Sciences (L) |
| PTX 484: Internship or PTX 493: Honors Thesis |
| PTX 494: Mechanisms of Pathophysiology and Disease States |
| PTX 499: Individualized Instruction |

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.












2020 - 2021 Major Map

Philosophy, Religion and Society, BA

School/College: New College of Interdisciplinary Arts and Sciences

Location: West campus

ASRELBA

| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  PHI 101: Introduction to Philosophy (HU) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. NEW 101 satisfies this requirement. • IAS 300 (3 credits) is required for all transfer students in place of NEW 101. • Select Career Interest Communities and play me3@ASU. • Activate your Handshake account and build out your profile. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| NEW 101-H: The ASU New College Experience | 1 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 14 | | |
| Term 2 14 - 29 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  REL 100: Religions of the World (HU & G) | 3 | C | <ul style="list-style-type: none"> • Create a first draft resume. • Join a student club or professional organization. • Secure a part-time job or volunteer experience. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |
| Term 3 29 - 45 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  PHI 103: Principles of Sound Reasoning (L or HU) OR PHI 105: Intro to Ethics (HU) | 3 | C | <ul style="list-style-type: none"> • Develop your research skills. • Develop your professional skills. • Build your professional connections - join the ASU Mentor Network. |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| <i>Complete 2 courses:</i> Elective | 6 | | |
|  Complete First-Year Composition requirement. | | | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |
| Term 4 45 - 60 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  Related Area Course | 3 | C | |

| | |
|-----------------------------------|----|
| Historical Awareness (H) | 3 |
| Literacy and Critical Inquiry (L) | 3 |
| Social-Behavioral Sciences (SB) | 3 |
| Elective | 3 |
| Term hours subtotal: | 15 |

- A Related Area Course is any course offered by the School of Humanities, Arts and Cultural Studies and is one of the following prefixes: AMS, ENG, ETH, HRC, HST, IAP, IAS, JHR, LAS, PAX, PHI, REL, SPA, or WST.
- Explore an **internship**, an **IGLE international experience**, or **ASU Study Abroad**.

| Term 5 60 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ PHI 306: Applied Ethics (HU) OR IAS 406: Moral Dilemmas (L or HU) or PHI 406: Moral Dilemmas (L or HU) | 3 | C | <ul style="list-style-type: none"> • IAS 300 (3 credit hours) is required for all transfer students. • Thinking about graduate school? Consider registering for a grad school test prep course. • Develop your professional online presence. |
| Upper Division Applied Ethics Track Course | 3 | C | |
| Upper Division Religious Studies Track Course | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB) | 3 | | |
| Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ PHI 304: Existentialism (HU) OR PHI 411: Continental Philosophy (HU) OR PHI 412: Philosophy and Literary Criticism (HU) | 3 | C | <ul style="list-style-type: none"> • Use Handshake to research employment opportunities. • Complete an in person or virtual practice interview. |
| Upper Division Religious Studies Track Course | 3 | C | |
| Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| Complete 2 courses: Elective | 6 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ PHI 303: The Future of Religions (L or HU) or REL 300: The Future of Religions (L or HU) OR PHI 318: Philosophy of Religion (HU) | 3 | C | <ul style="list-style-type: none"> • Gather professional references. |
| Upper Division Applied Ethics Track Course | 3 | C | |
| Upper Division Continental Philosophy Track Course | 3 | C | |
| Complete 2 courses: Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ Upper Division Culminating Experience | 3 | C | <ul style="list-style-type: none"> • A Related Area Course is any course offered by the School of Humanities, Arts and Cultural Studies and is one of the following prefixes: AMS, ENG, ETH, HRC, HST, IAP, IAS, JHR, LAS, PHI, REL, SPA, or WST. • Apply for full-time career opportunities. |
| Upper Division Continental Philosophy Track Course | 3 | C | |
| Related Area Course | 3 | C | |
| Complete 2 courses: | 6 | | |
| Upper Division Elective | | | |
| Term hours subtotal: | 15 | | |

Hide Course List(s)/Track Group(s)

| Applied Ethics Track | Continental Philosophy Track | Religious Studies Track |
|--|--|--|
| IAS 340: Bioethics (HU) or PHI 320: Bioethics (HU) | ENG 401: Topics in Critical Theory | IAS 410: Evolution of Ideas (L or HU) |
| IAS 406: Moral Dilemmas (L or HU) or PHI 406: Moral Dilemmas (L or HU) | HST 390: Jewish Philosophy or PHI 390: Jewish Philosophy or REL 314: Jewish Philosophy | IAS 430: Science and Religion (L or HU) |
| IAS 407: Environmental Philosophy and Policy (L or HU) or PHI 407: Environmental Philosophy and Policy (L or HU) | PHI 304: Existentialism (HU) | PHI 303: The Future of Religions (L or HU) or REL 300: The Future of Religions (L or HU) |
| IAS 409: Eco-Community Ethics (HU) or PHI 409: Eco-Community Ethics (HU) | PHI 311: Philosophy and Literature (HU) | PHI 318: Philosophy of Religion (HU) |
| PHI 306: Applied Ethics (HU) | PHI 339: Philosophy of Art (HU) | PHI 421: Philosophical Topics |
| PHI 336: Social and Political Philosophy (HU) | PHI 411: Continental Philosophy (HU) | REL 310: Western Religious Traditions (HU & H) |
| PHI 360: Business and Professional Ethics (HU) | PHI 412: Philosophy and Literary Criticism (HU) | REL 321: Religion in America ((L or HU) & C & H) |
| PHI 408: Feminist Ethics (HU) | PHI 421: Philosophical Topics | REL 345: Asian Religious Traditions (HU & G) |
| PHI 415: Philosophy and Film (HU) | PHI 494: Issues in Death & Dying or REL 494: Issues in Death & Dying | REL 390: Women Gender and Religion (HU & G) or WST 390: Women Gender and Religion (HU & G) |
| PHI 417: Philosophy of Censorship (L or HU) | REL 391: Historical Perspectives on Philosophy and Religion | |
| PHI 421: Philosophical Topics | | |
| PHI 439: Philosophy of Love and Sex | | |
| Related Area Course | Culminating Experience | |
| AMS Elective | IAS 480: Capstone: Practices and Approaches | |
| DST Elective | IAS 484: IAS Internship | |
| ENG Elective | HON 493: Honors Thesis (L) | |
| ETH Elective | IAS 493: Honors Thesis (L) | |
| HRC Elective | PHI 493: Honors Thesis (L) | |
| HST Elective | | |
| IAP Elective | | |
| IAS Elective | | |
| JHR Elective | | |

LAS Elective

PAX Elective

PHI Elective

REL Elective

SPA Elective

WST Elective

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map




Political Science, BA




School/College: New College of Interdisciplinary Arts and Sciences

Location: West campus, ASU@Lake Havasu

ASPOLBA

| Term 1 0 - 13 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  POS 110: American Government and Politics (SB) OR POS 150: Comparative Government (SB & G) or POS 160: Global Politics (SB & G) OR POS 210: Political Ideologies (SB) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. NEW 101 satisfies this requirement. • IAS 300 (3 credit hours) is required for all transfer students in place of NEW 101. • Credit is only granted for POS 110 or POS 310. • Credit is only granted for POS 160 or POS 360. • Select your Career Interest Community and play me3@ASU. • Activate your Handshake account and build out your profile. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| NEW 101-S: The ASU New College Experience | 1 | | |
| Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 13 | | |

| Term 2 13 - 29 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  POS 110: American Government and Politics (SB) OR POS 150: Comparative Government (SB & G) or POS 160: Global Politics (SB & G) OR POS 210: Political Ideologies (SB) | 3 | C | <ul style="list-style-type: none"> • Credit is only granted for POS 110 or POS 310. • Credit is only granted for POS 160 or POS 360. • Create a first draft resume. • Join a student club or professional organization. • Secure a part-time job or volunteer experience. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 29 - 45 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  Related Fields Course | 3 | C | <ul style="list-style-type: none"> • For related field, students are encouraged to take a public speaking course if they deem public speaking skills to be important for their future career. • Develop your research skills. • Develop your professional skills. • Build your professional connections - join the ASU Mentor Network. |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
|  Complete First-Year Composition requirement. | | | |

❖ Complete Mathematics (MA) requirement.

Term hours subtotal: 16

| Term 4 45 - 60 Credit Hours Critical course signified by ❖ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ❖ POS 110: American Government and Politics (SB) OR POS 150: Comparative Government (SB & G) or POS 160: Global Politics (SB & G) OR POS 210: Political Ideologies (SB) | 3 | C | <ul style="list-style-type: none"> • For related field, students are encouraged to take a public speaking course if they deem public speaking skills to be important for their future career. • Credit is only granted for POS 110 or POS 310. • Credit is only granted for POS 160 or POS 360. • Explore an internship, IGLE international experience, or ASU Study Abroad. |
| <i>Complete 2 courses:</i> | | | |
| Related Fields Course | 6 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ SBS 303: Quantitative Methods | 3 | C | <ul style="list-style-type: none"> • IAS 300 (3 credit hours) is required for all transfer students. • Thinking about graduate school? Consider registering for a grad school test prep course. • Develop your professional online presence. |
| POS Upper Division Elective | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB) | 3 | | |
| <i>Complete 2 courses:</i> | | | |
| Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ <i>Complete 2 courses:</i> | | | <ul style="list-style-type: none"> • Use Handshake to research employment opportunities. • Complete an in person or virtual practice interview. |
| POS Upper Division Elective | 6 | C | |
| Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ Related Fields Course | 3 | C | <ul style="list-style-type: none"> • For related field, students are encouraged to take a public speaking course if they deem public speaking skills to be important for their future career. • Gather professional references. |
| <i>Complete 2 courses:</i> | | | |
| POS Upper Division Elective | 6 | C | |
| <i>Complete 2 courses:</i> | | | |
| Upper Division Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| | | Minimum | |
|--|--|---------|--|
|--|--|---------|--|

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Grade | Notes |
|---|-------|-------|---|
| ★ POS Elective | 3 | C | <ul style="list-style-type: none"> Apply for full-time career opportunities. |
| Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Elective OR POS 484: Internship | 3 | | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 15 | | |

- No more than a total of 6 credit hours of POS 484 or POS 499 may be applied to the major.
 - Up to 6 credit hours of approved non-POS courses may be applied to the major, if selected with and approved by an academic advisor.

Hide Course List(s)/Track Group(s)

| |
|----------------|
| Related Fields |
| ASB Elective |
| COM Elective |
| ECN Elective |
| GCU Elective |
| HST Elective |
| JHR Elective |
| POS Elective |
| PSY Elective |
| SBS Elective |
| SOC Elective |
| WST Elective |

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)

- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map




Political Science, BS




School/College: New College of Interdisciplinary Arts and Sciences


Location: West campus

ASPOLBS



| Term 1 0 - 13 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  POS 110: American Government and Politics (SB) OR POS 150: Comparative Government (SB & G) or POS 160: Global Politics (SB & G) OR POS 210: Political Ideologies (SB) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. NEW 101 satisfies this requirement. • IAS 300 (3 credit hours) is required for all transfer students in place of NEW 101. • Credit is only granted for POS 110 or POS 310. • Credit is only granted for POS 160 or POS 360. • Select your Career Interest Community and play me3@ASU. • Activate your Handshake account and build out your profile. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| NEW 101-S: The ASU New College Experience | 1 | | |
| Related Fields Course | 3 | C | |
| Term hours subtotal: | 13 | | |



| Term 2 13 - 29 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  POS 110: American Government and Politics (SB) OR POS 150: Comparative Government (SB & G) or POS 160: Global Politics (SB & G) OR POS 210: Political Ideologies (SB) | 3 | C | <ul style="list-style-type: none"> • Credit is only granted for POS 110 or POS 310. • Credit is only granted for POS 160 or POS 360. • Create a first draft resume. • Join a student club or professional organization. • Secure a part-time job or volunteer experience. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Historical Awareness (H) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 29 - 45 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  Complete 2 courses: Related Fields Course | 6 | C | <ul style="list-style-type: none"> • For related field, students are encouraged to take a public speaking course if they deem public speaking skills to be important for their future career. • Develop your research skills. • Develop your professional skills. • Build your professional connections - join the ASU Mentor Network. |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
|  Complete First-Year Composition requirement. | | | |

 Complete Mathematics (MA) requirement.

Term hours subtotal: 16

| Term 4 45 - 60 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| POS 110: American Government and Politics (SB) OR POS 150:  Comparative Government (SB & G) or POS 160: Global Politics (SB & G) OR POS 210: Political Ideologies (SB) | 3 | C | <ul style="list-style-type: none"> • For related field, students are encouraged to take a public speaking course if they deem public speaking skills to be important for their future career. • Credit is only granted for POS 110 or POS 310. • Credit is only granted for POS 160 or POS 360. • Explore an internship, IGLE international experience, or ASU Study Abroad. |
| POS Elective | 3 | C | |
| Related Fields Course | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  SBS 303: Quantitative Methods | 3 | C | <ul style="list-style-type: none"> • IAS 300 (3 credit hours) is required for all transfer students. • Thinking about graduate school? Consider registering for a grad school test prep course. • Develop your professional online presence. |
| POS Upper Division Elective | 3 | C | |
| Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  SBS 304: Social Statistics I (CS) | 3 | C | <ul style="list-style-type: none"> • Use Handshake to research employment opportunities. |
| Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| Complete 3 courses: Elective | 9 | | |
|  Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  SBS 302: Qualitative Methods | 3 | C | <ul style="list-style-type: none"> • For related field, students are encouraged to take a public speaking course if they deem |
| Complete 2 courses: | | | |

| | | |
|---|----|---|
| POS Upper Division Elective | 6 | C |
| Upper Division Humanities, Arts and Design (HU) | 3 | |
| Elective | 3 | |
| Term hours subtotal: | 15 | |

public speaking skills to be important for their future career.
 • Gather professional references.

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ Complete 2 courses: POS Upper Division Elective | 6 | C | • Apply for full-time career opportunities. |
| Upper Division Elective OR POS 484: Internship | 3 | | |
| Complete 2 courses: Upper Division Elective | 6 | | |
| Term hours subtotal: | 15 | | |

- No more than a total of 6 credit hours of POS 484 or POS 499 may be applied to the major.
- Up to 6 credit hours of approved non-POS courses may be applied to the major, if selected with and approved by an academic advisor.

Hide Course List(s)/Track Group(s)

| |
|----------------|
| Related Fields |
| ASB Elective |
| COM Elective |
| ECN Elective |
| GCU Elective |
| HST Elective |
| JHR Elective |
| POS Elective |
| PSY Elective |
| SBS Elective |
| SOC Elective |
| WST Elective |

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map





Psychology, BA



School/College: New College of Interdisciplinary Arts and Sciences

Location: West campus, ASU@Lake Havasu

ASPGSBA

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  PSY 101: Introduction to Psychology (SB) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • Student may elect to take an MA course in place of elective in Term 1 if needed to prepare for MAT 119 or MAT 170 in Term 2. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. NEW 101 satisfies this requirement. • IAS 300 (3 credit hours) is required for all transfer students in place of NEW 101. • Select your Career Interest Communities and play me3@ASU. • Activate your Handshake account and build out your profile. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| NEW 101-S: The ASU New College Experience | 1 | | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Complete 2 courses: | 6 | | |
| Elective | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • Related Coursework Electives chosen from ASB, COM, JHR, POS, PSY, SBS, SOC, or other courses approved by your academic advisor. • Create a first draft resume. • Join a student club or professional organization. • Secure a part-time job or volunteer experience. |
|  MAT 119: Finite Mathematics (MA) OR MAT 170: Precalculus (MA) | 3 | C | |
| ACO 100: All About Data: Design, Query, and Visualization (CS) OR CIS 105: Computer Applications and Information Technology (CS) OR CSE 180: Computer Literacy (CS) OR EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) | 3 | C | |
| Related Coursework Electives | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 47 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  PSY 230: Introduction to Statistics (CS) | 3 | C | <ul style="list-style-type: none"> • Develop your research skills. • Develop your professional skills. • Build your professional connections - join the ASU Mentor Network. |
| Historical Awareness (H) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 3 | | |
| Complete Mathematics (MA) requirement. | | | |
| Complete First-Year Composition requirement. | | | |

Term hours subtotal: 15

| Term 4 47 - 63 Credit Hours Critical course signified by 🚩 | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| 🚩 PSY 290: Research Methods (L or SG) | 4 | C | <ul style="list-style-type: none"> • PSY 290 will be used to fulfill the SG requirement. • Related Coursework Electives chosen from ASB, COM, JHR, POS, PSY, SBS, SOC, or other courses approved by your academic advisor. • Explore an internship, an IGLE international experience or ASU Study Abroad. |
| <i>Complete 2 courses:</i> | | | |
| Related Coursework Electives | 6 | C | |
| Global Awareness (G) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by ⭐ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ⭐ Upper Division Neuroscience Core 1 | 3 | C | <ul style="list-style-type: none"> • IAS 300 (3 credit hours) is required for all transfer students. • Psychology Elective must be taken from the course lists below. One lower division Psychology Elective may be applied to requirement. See academic advisor for questions. • PSY 304 Effective Thinking (L) can be used to meet the upper division L requirement as well as upper division Psychology Elective. • Thinking about graduate school? Consider registering for a grad school test prep course. • Develop your professional online presence. |
| ⭐ Upper Division Social/Developmental Core | 3 | C | |
| Psychology Elective | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB) | 3 | | |
| Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 90 Credit Hours Necessary course signified by ⭐ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ⭐ Upper Division Neuroscience Core 2 | 3 | C | <ul style="list-style-type: none"> • Upper division Psychology Elective must be taken from the course lists below. See academic advisor for questions. • Use Handshake to research employment opportunities. • Complete an in person or virtual practice interview. |
| ⭐ Upper Division Social/Developmental Core AND Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Psychology Elective | 3 | C | |
| Upper Division Elective | 3 | | |
| ⭐ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 12 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by ⭐ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ⭐ <i>Complete 2 courses:</i> | 6 | C | <ul style="list-style-type: none"> • Upper division Psychology Elective must be taken from the course lists below. See academic advisor for questions. • Gather professional references. |
| Upper Division Psychology Elective | | | |
| Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |

Complete 2 courses:
Upper Division Elective

6

Term hours subtotal: 15

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ Upper Division Psychology Elective | 3 | C | <ul style="list-style-type: none"> • Upper division Psychology Elective must be taken from the course lists below. See academic advisor for questions. • Apply for full-time career opportunities. |
| Related Coursework Electives | 3 | C | |
| Upper Division Elective OR PSY 484: Internship | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

Select PSY Electives from PSY Elective Course lists. Student may choose PSY Electives from within one area or from multiple areas to meet the requirement. See academic advisor for questions.

No more than 3 credit hours of PSY 399, PSY 484, PSY 499, PSY 493 or HON 493 may count toward PSY Elective requirements.

Related Coursework Electives are to be chosen from ASB, COM, JHR, POS, PSY, SBS, SOC, or other courses approved by your academic advisor.

Hide Course List(s)/Track Group(s)

| Neuroscience Core 1 | Neuroscience Core 2 | Social/Developmental Core |
|---|--|--|
| PSY 320: Learning and Motivation | PSY 320: Learning and Motivation | PSY 315: Personality Theory and Research (SB) |
| PSY 323: Sensation and Perception | PSY 323: Sensation and Perception | PSY 341: Developmental Psychology (SB) |
| PSY 324: Memory and Cognition | PSY 324: Memory and Cognition | PSY 350: Social Psychology (SB) |
| PSY 325: Physiological Psychology | PSY 325: Physiological Psychology | PSY 366: Abnormal Psychology (SB) |
| | PSY 369: Biology of Human Sexuality | PSY 443: Abnormal Child Psychology (L or SB) |
| | PSY 470: Psychopharmacology | PSY 462: Health Psychology |
| Psychology Electives: Biological / Learning | Psychology Electives: Clinical / Health | Psychology Electives: Experiential |
| PSY 320: Learning and Motivation | PSY 315: Personality Theory and Research (SB) | PSY 344: Directed Child Study (SB) |
| PSY 323: Sensation and Perception | PSY 366: Abnormal Psychology (SB) | PSY 394: Special Topics |
| PSY 324: Memory and Cognition | PSY 443: Abnormal Child Psychology (L or SB) | PSY 399: Supervised Research |
| PSY 325: Physiological Psychology | PSY 444: Adolescent Psychology and Psychopathology | PSY 484: Internship |
| PSY 369: Biology of Human Sexuality | PSY 462: Health Psychology | PSY 493: Honors Thesis (L) or HON 493: Honors Thesis (L) |
| PSY 425: Biological Bases of Behavior (L) | PSY 465: Psychology of Stress and Coping | PSY 494: Special Topics |
| PSY 470: Psychopharmacology | PSY 472: Clinical Psychology | PSY 499: Individualized Instruction |
| | PSY 475: Multicultural Issues in Clinical Psychology | |

| | | |
|---|---|--|
| Psychology Electives: Industrial/Organizational | Psychology Electives: Life Span/Development | Psychology Electives: Methodology and Critical Thinking |
| PSY 430: Industrial Psychology | PSY 341: Developmental Psychology (SB) | PSY 304: Effective Thinking (L) |
| PSY 453: Organizational Behavior (SB) | PSY 446: Social Development (L or SB) | PSY 330: Statistical Methods (CS) |
| PSY 468: Psychology and Law | PSY 447: Psychology of Aging (SB) | |
| PSY 482: Social Influence and Consumer Behavior (SB) | | |
| Psychology Electives: Social Influence | Related Coursework Electives | |
| PSY 306: Environmental Psychology (SB) | ASB Elective | |
| PSY 350: Social Psychology (SB) | COM Elective | |
| PSY 370: Interpersonal Relationships (SB) | JHR Elective | |
| PSY 385: Psychology of Gender (SB) | POS Elective | |
| | PSY Elective | |
| | SBS Elective | |
| | SOC Elective | |

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.

2020 - 2021 Major Map

Psychology, BA








School/College: [New College of Interdisciplinary Arts and Sciences](#)

Location: [Online](#)




ASPGSBA



FT Fast Track Options: 3 Year

A student must speak with an advisor in order to be added to a fast track plan.



| Term 1 - A 0 - 7 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  PSY 101: Introduction to Psychology (SB) | 3 | C | <ul style="list-style-type: none"> An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first year composition courses. Mathematics Placement Assessment score determines placement in mathematics course. ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. SBS 300 (3 credits) is required for all transfer students in place of ASU 101-UC. Select your Career Interest Communities and play me3@ASU. Activate your Handshake account and build out your profile. |
| ASU 101-UC: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| Term hours subtotal: | 7 | | |
| Term 1 - B 7 - 13 Credit Hours | Hours | Minimum Grade | Notes |
| ENG 101 or ENG 102: First-Year Composition OR | | | <ul style="list-style-type: none"> Student may elect to take an MA course in place of elective in Term 1-B if needed to prepare for MAT 119 or MAT 170 in Term 2-A. View ASU Online first-year student registration information here. |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |
| Term 2 - A 13 - 19 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  MAT 119: Finite Mathematics (MA) OR MAT 170: Precalculus (MA) | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 6 | | |
| Term 2 - B 19 - 25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  Related Coursework Elective | 3 | C | <ul style="list-style-type: none"> Additional subjects may be used to fulfill related area requirements with academic advisor approval. Create a first draft resume. |
| Historical Awareness (H) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 6 | | |
| Term 3 - A 25 - 32 Credit Hours | Hours | Minimum Grade | Notes |
| Natural Science - Quantitative (SQ) | 4 | C | <ul style="list-style-type: none"> Build your professional skills. |
| Humanities, Arts and Design (HU) | 3 | | |

Term hours subtotal: 7



| Term 3 - B 32 - 38 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  PSY 230: Introduction to Statistics (CS) | 3 | C | <ul style="list-style-type: none"> • PSY 230 may not be used to fulfill the CS requirement in the major. ACO 100, CIS 105, CSE 180 or EDT 180 required. • Build your professional connections - join the ASU Mentor Network. |
| Humanities, Arts and Design (HU) | 3 | | |
|  Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 6 | | |

| Term 4 - A 38 - 45 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  PSY 290: Research Methods (L or SG) | 4 | C | <ul style="list-style-type: none"> • PSY 290 should be used to fulfill the SG requirement. • Explore an IGLE international experience or ASU Study Abroad. |
| Global Awareness (G) | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 4 - B 45 - 51 Credit Hours | Hours | Minimum Grade | Notes |
|------------------------------------|-------|---------------|-------|
| Cultural Diversity in the U.S. (C) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - A 51 - 57 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  Upper Division Social/Developmental Core | 3 | C | <ul style="list-style-type: none"> • Psychology courses listed cannot be used to fulfill multiple requirements within the major. |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - B 57 - 63 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ACO 100: All About Data: Design, Query, and Visualization (CS) OR  CIS 105: Computer Applications and Information Technology (CS) OR CSE 180: Computer Literacy (CS) OR EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) | 3 | C | <ul style="list-style-type: none"> • SBS 300 (3 credit hours) is required for all transfer students in place of ASU 101-UC. |
| Upper Division Elective OR SBS 300: Careers in Psychology | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - A 63 - 69 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  Upper Division Neuroscience Core | 3 | C | <ul style="list-style-type: none"> • Upper division C and G courses used to fulfill the Language and Cultures requirement may not also be used to fulfill the C and G requirements in general studies. |
| Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used; * Completion of two sequential semesters of coursework in a current computer language. | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 69 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ Psychology Elective | 3 | C | <ul style="list-style-type: none"> Chose Psychology Elective from course list below. Upper division C and G courses used to fulfill the Language and Cultures requirement may not also be used to fulfill the C and G requirements in general studies. |
| Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used; * Completion of two sequential semesters of coursework in a current computer language. | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 7 - A 75 - 81 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ Upper Division Psychology Elective | 3 | C | <ul style="list-style-type: none"> Choose Upper Division Psychology Elective from course list below. Additional subjects may be used to fulfill related area requirements with academic advisor approval. Thinking about graduate school? Consider registering for a graduate school test prep course. |
| Related Coursework Elective | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 81 - 87 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ Related Coursework Elective | 3 | C | <ul style="list-style-type: none"> Additional subjects may be used to fulfill related area requirements with academic advisor approval. Create your professional online presence. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 87 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ Upper Division Neuroscience Core | 3 | C | <ul style="list-style-type: none"> Additional subjects may be used to fulfill related area requirements with academic advisor approval. Use Handshake to research employment opportunities. |
| Related Coursework Elective | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 93 - 99 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ Social-Behavioral Sciences (SB) | 3 | | <ul style="list-style-type: none"> Complete an in person or virtual practice interview. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - A 99 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ Upper Division Social/Developmental Core AND Upper Division Social-Behavioral Sciences (SB) | 3 | C | <ul style="list-style-type: none"> Gather professional references. |

Upper Division Literacy and Critical Inquiry (L) 3

Term hours subtotal: 6

| Term 9 - B 105 - 111 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ Upper Division Psychology Elective | 3 | C | <ul style="list-style-type: none"> Choose Upper Division Psychology Elective from course list below. Apply for full-time career opportunities. |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 10 - A 111 - 117 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ Upper Division Psychology Elective | 3 | C | <ul style="list-style-type: none"> Choose Upper Division Psychology Elective from course list below. |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 10 - B 117 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ Upper Division Psychology Elective | 3 | C | <ul style="list-style-type: none"> Choose Upper Division Psychology Elective from course list below. |
| Term hours subtotal: | 3 | | |

- Courses used to fulfill PSY Elective requirements can only apply once in the major and may not be used to fulfill multiple psychology major requirements.

Hide Course List(s)/Track Group(s)

| Neuroscience Core | Social/Developmental Core | Upper Division Psychology Electives |
|-----------------------------------|---|---|
| PSY 320: Learning and Motivation | PSY 315: Personality Theory and Research (SB) | PSY 304: Effective Thinking (L) |
| PSY 323: Sensation and Perception | PSY 341: Developmental Psychology (SB) | PSY 315: Personality Theory and Research (SB) |
| PSY 324: Memory and Cognition | PSY 350: Social Psychology (SB) | PSY 320: Learning and Motivation |
| | PSY 366: Abnormal Psychology (SB) | PSY 323: Sensation and Perception |
| | PSY 462: Health Psychology | PSY 324: Memory and Cognition |
| | | PSY 341: Developmental Psychology (SB) |
| | | PSY 350: Social Psychology (SB) |
| | | PSY 366: Abnormal Psychology (SB) |
| | | PSY 385: Psychology of Gender (SB) |
| | | PSY 453: Organizational Behavior (SB) |
| | | PSY 462: Health Psychology |
| | | PSY 468: Psychology and Law |
| Related Coursework Electives | | |
| ASB Elective | | |

COM Elective

JHR Elective

POS Elective

PSY Elective

SBS Elective

SOC Elective

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map





Psychology, BS




School/College: [New College of Interdisciplinary Arts and Sciences](#)

Location: [West campus, ASU@Lake Havasu](#)



ASPGSBS





| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  PSY 101: Introduction to Psychology (SB) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • Student may elect to take an MA course in Term 1 to prepare for MAT 170 in Term 2. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. NEW 101 satisfies this requirement. • IAS 300 (3 credit hours) is required for all transfer students in place of NEW 101. • Select your Career Interest Communities and play me3@ASU. • Activate your Handshake account and build out your profile. |
| ACO 100: All About Data: Design, Query, and Visualization (CS) OR CIS 105: Computer Applications and Information Technology (CS) OR CSE 180: Computer Literacy (CS) OR EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| NEW 101-S: The ASU New College Experience | 1 | | |
| Elective | 4 | | |
| Term hours subtotal: | 14 | | |





| Term 2 14 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  Related Coursework Electives | 3 | C | <ul style="list-style-type: none"> • Related Coursework Electives chosen from ASB, COM, JHR, POS, PSY, SBS, SOC, or other courses approved by your academic advisor. • Create a first draft resume. • Join a student club or professional organization. • Secure a part-time job or volunteer experience. |
|  MAT 170: Precalculus (MA) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |



| Term 3 30 - 45 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  PSY 230: Introduction to Statistics (CS) | 3 | C | <ul style="list-style-type: none"> • Develop your research skills. • Develop your professional skills. • Build your professional connections - join the ASU Mentor Network. |
| Historical Awareness (H) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
|  Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |

Term hours subtotal: 15

| Term 4 45 - 59 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  PSY 290: Research Methods (L or SG) | 4 | C | <ul style="list-style-type: none"> Psychology BS majors are required to take one Life Science lecture/lab course and one Physical Science lecture/lab course in addition to PSY 290 AND one additional science lecture/lab course that meets SQ requirements. PSY 290 may be used to fulfill the SG and major requirements. Explore an internship, an IGLE international experience or ASU Study Abroad. |
| Physical Science Lab Course - Astronomy, Chemistry, Environmental Science, Geology, or Physics | 4 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Global Awareness (G) | 3 | | |
| Term hours subtotal: | 14 | | |

| Term 5 59 - 74 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  PSY 330: Statistical Methods (CS) | 3 | C | <ul style="list-style-type: none"> IAS 300 (3 credit hours) is required for all transfer students. Psychology Elective may be taken from course lists below. See academic advisor for questions. PSY 304 Effective Thinking (L) can be used to meet the upper division L requirement as well as Upper Division Psychology Elective. Thinking about graduate school? Consider registering for a grad school test prep course. Develop your professional online presence. |
|  Upper Division Neuroscience Core Group 1 | 3 | C | |
|  Upper Division Social/Development Core | 3 | C | |
| Psychology Elective | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 74 - 89 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  Upper Division Neuroscience Core Group 2 | 3 | C | <ul style="list-style-type: none"> Upper Division Psychology Elective must be taken from course lists below. See academic advisor for questions. Use Handshake to research employment opportunities. Complete an in person or virtual practice interview. |
| Upper Division Psychology Elective | 3 | C | |
|  Upper Division Social/Developmental Core AND Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| Upper Division Elective | 3 | | |
|  Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 89 - 105 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  Complete 2 courses: Upper Division Psychology Elective | 6 | C | <ul style="list-style-type: none"> Psychology BS majors are required to take one Life Science lecture/lab course and one Physical Science lecture/lab course in addition to PSY 290 AND one |
| Life Science Lab Course - Biology, Forensic Science, Life Science or Microbiology | 4 | C | |

Upper Division Language and Cultures: Requirement satisfied through the following:

* Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.

3 C

additional science lecture/lab course that meets SQ requirements.

- Upper Division Psychology Elective must be taken from course lists below. See academic advisor for questions.
- Gather **professional references**.

Upper Division Elective 3

Term hours subtotal: 16

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ Upper Division Psychology Elective | 3 | C | <ul style="list-style-type: none"> • Upper division Psychology Elective must be taken from course lists below. See academic advisor for questions. • Apply for full-time career opportunities. |
| Upper Division Elective OR PSY 484: Internship | 3 | | |
| Complete 3 courses: Elective | 9 | | |
| Term hours subtotal: | 15 | | |

Select PSY Electives from PSY Elective Course lists. Student may choose PSY Electives from within one area or from multiple areas to meet the requirement. See academic advisor for questions.

No more than 3 credit hours of PSY 399, PSY 484, PSY 499, PSY 493 or HON 493 may count toward PSY Elective requirements.

Related Coursework Electives are to be chosen from ASB, COM, JHR, POS, PSY, SBS, SOC, or other courses approved by your academic advisor.

Hide Course List(s)/Track Group(s)

| Neuroscience Core Group 1 | Neuroscience Core Group 2 | Social/Developmental Core |
|--------------------------------------|--|---|
| PSY 320: Learning and Motivation | PSY 320: Learning and Motivation | PSY 315: Personality Theory and Research (SB) |
| PSY 323: Sensation and Perception | PSY 323: Sensation and Perception | PSY 341: Developmental Psychology (SB) |
| PSY 324: Memory and Cognition | PSY 324: Memory and Cognition | PSY 350: Social Psychology (SB) |
| PSY 325: Physiological Psychology | PSY 325: Physiological Psychology | PSY 366: Abnormal Psychology (SB) |
| | PSY 369: Biology of Human Sexuality | PSY 443: Abnormal Child Psychology (L or SB) |
| | PSY 470: Psychopharmacology | PSY 462: Health Psychology |
| Life Science Lab Science Requirement | Physical Science Lab Science Requirement | Psychology Electives: Biological / Learning |
| BIO Elective | AST Elective | PSY 320: Learning and Motivation |
| FOR Elective | CHM Elective | PSY 323: Sensation and Perception |
| LSC Elective | ENV Elective | PSY 324: Memory and Cognition |
| MIC Elective | GLG Elective | PSY 325: Physiological Psychology |
| | PHY Elective | PSY 369: Biology of Human Sexuality |
| | | PSY 425: Biological Bases of Behavior (L) |
| | | PSY 470: Psychopharmacology |

| | | |
|--|--|--|
| Psychology Electives: Clinical / Health | Psychology Electives: Experiential | Psychology Electives: Industrial / Organizational |
| PSY 315: Personality Theory and Research (SB) | PSY 344: Directed Child Study (SB) | PSY 430: Industrial Psychology |
| PSY 366: Abnormal Psychology (SB) | PSY 394: Special Topics | PSY 453: Organizational Behavior (SB) |
| PSY 443: Abnormal Child Psychology (L or SB) | PSY 399: Supervised Research | PSY 468: Psychology and Law |
| PSY 444: Adolescent Psychology and Psychopathology | PSY 484: Internship | PSY 482: Social Influence and Consumer Behavior (SB) |
| PSY 462: Health Psychology | PSY 493: Honors Thesis (L) or HON 493: Honors Thesis (L) | |
| PSY 465: Psychology of Stress and Coping | PSY 494: Special Topics | |
| PSY 472: Clinical Psychology | | |
| PSY 475: Multicultural Issues in Clinical Psychology | | |
| Psychology Electives: Life Span / Development | Psychology Electives: Methodology and Critical Thinking | Psychology Electives: Social Influence |
| PSY 341: Developmental Psychology (SB) | PSY 304: Effective Thinking (L) | PSY 306: Environmental Psychology (SB) |
| PSY 446: Social Development (L or SB) | | PSY 350: Social Psychology (SB) |
| PSY 447: Psychology of Aging (SB) | | PSY 370: Interpersonal Relationships (SB) |
| | | PSY 385: Psychology of Gender (SB) |
| Related Coursework Electives | | |
| ASB Elective | | |
| COM Elective | | |
| JHR Elective | | |
| POS Elective | | |
| PSY Elective | | |
| SBS Elective | | |
| SOC Elective | | |

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)

- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map

Psychology, BS




School/College: [New College of Interdisciplinary Arts and Sciences](#)




Location: [Online](#)

ASPGSBS


| Term 1 - A 0 - 7 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  PSY 101: Introduction to Psychology (SB) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first year composition courses. • Math Placement Assessment score determines placement in mathematics course. • ASU 101 is required of all first-year students. SBS 300 (3 credits) is required for all transfer students in place of ASU 101. • Select your Career Interest Communities and play me3@ASU. • Activate your Handshake account and build out your profile. |
| ASU 101-UC: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 13 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ENG 101 or ENG 102: First-Year Composition OR | 3 | C | <ul style="list-style-type: none"> • Student may elect to take an MA course in Term 1-B to prepare for MAT 170 in Term 2-A. • View ASU Online first-year student registration information here. |
| ENG 105: Advanced First-Year Composition OR | | | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 2 - A 13 - 20 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  Life Science Lab Science Requirement | 4 | C | <ul style="list-style-type: none"> • Psychology BS majors are required to take one Life Science lecture/lab course and one Physical Science lecture/lab course in addition to PSY 290 AND one additional science lecture/lab course that meets SQ requirements. |
|  MAT 170: Precalculus (MA) | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 2 - B 20 - 26 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  Social-Behavioral Sciences (SB) | 3 | | <ul style="list-style-type: none"> • Create a first draft resume. |
| Historical Awareness (H) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 3 - A 26 - 33 Credit Hours | Hours | Minimum Grade | Notes |
|-------------------------------------|-------|---------------|---|
| Literacy and Critical Inquiry (L) | 3 | | <ul style="list-style-type: none"> • Develop your professional skills. |
| Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 3 - B 33 - 39 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|--|---|---|
| ❗ PSY 230: Introduction to Statistics (CS) | 3 | C |
| Humanities, Arts and Design (HU) | 3 | |
| ❗ Complete First-Year Composition requirement. | | |
| ❗ Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 6 | |

- PSY 230 may not be used to fulfill the CS requirement in the major. ACO 100, CIS 105, CSE 180 or EDT 180 is required.
- Build your professional connections - join the [ASU Mentor Network](#).

| Term 4 - A 39 - 46 Credit Hours Critical course signified by ❗ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | |
|---------------------------------------|---|---|
| ❗ PSY 290: Research Methods (L or SG) | 4 | C |
| Global Awareness (G) | 3 | |
| Term hours subtotal: | 7 | |

- Psychology BS majors are required to take one Life Science lecture/lab course and one Physical Science lecture/lab course in addition to PSY 290 and the required university general studies SQ.
- Explore an [IGLE international experience](#) or [ASU Study Abroad](#).

| Term 4 - B 46 - 52 Credit Hours | Hours | Minimum Grade | Notes |
|---------------------------------|-------|---------------|-------|
|---------------------------------|-------|---------------|-------|

| | | |
|------------------------------------|---|--|
| Cultural Diversity in the U.S. (C) | 3 | |
| Humanities, Arts and Design (HU) | 3 | |
| Term hours subtotal: | 6 | |

| Term 5 - A 52 - 59 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|--|---|---|
| ★ PSY 330: Statistical Methods (CS) | 3 | C |
| ★ Upper Division Social/Developmental Core | 3 | C |
| Elective | 1 | |
| Term hours subtotal: | 7 | |

- Psychology courses listed cannot be used to fulfill multiple requirements within the major.

| Term 5 - B 59 - 65 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|--|---|---|
| ★ ACO 100: All About Data: Design, Query, and Visualization (CS) OR CIS 105: Computer Applications and Information Technology (CS) OR CSE 180: Computer Literacy (CS) OR EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) | 3 | C |
| Upper Division Elective OR SBS 300: Careers in Psychology | 3 | |
| Term hours subtotal: | 6 | |

- SBS 300 (3 credit hours) is required for all transfer students in place of ASU 101-UC.

| Term 6 - A 65 - 71 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|---|---|---|
| ★ Upper Division Neuroscience Core | 3 | C |
| Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C |
| Term hours subtotal: | 6 | |

- Upper division C and G courses used to fulfill the Language and Cultures requirement may not also be used to fulfill the C and G requirements in the general studies.

| Term 6 - B 71 - 77 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|---|---|---|
| ★ Psychology Elective | 3 | C |
| Upper Division Language and Cultures: Requirement satisfied through the following: | | |
| * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |
| Term hours subtotal: | | 6 |

- Psychology Elective must be taken from the course list below. See academic advisor for questions.
- Upper division C and G courses used to fulfill the Language and Cultures requirement may not also be used to fulfill the C and G requirements in general studies.

| ★ Term 7 - A 77 - 84 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|--|---|---|
| ★ Upper Division Psychology Elective | 3 | C |
| Physical Science Lab Science Requirement | 4 | C |
| Term hours subtotal: | | 7 |

- Upper Division Psychology Elective must be taken from the course list below. See academic advisor for questions.
- Psychology BS majors are required to take one Life Science lecture/lab course and one Physical Science lecture/lab course in addition to PSY 290 AND one additional science lecture/lab course that meets SQ requirements.
- If PSY 304 is used for the upper division L, it may be used to fulfill the upper division elective requirement in the major.
- Thinking about graduate school? Consider registering for a grad school **test prep course**.

| ★ Term 7 - B 84 - 90 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|---|---|---|
| ★ Upper Division Social/Developmental Core AND Upper Division Social-Behavioral Sciences (SB) | 3 | |
| Elective | 3 | |
| Term hours subtotal: | | 6 |

- Create your **professional online presence**

| ★ Term 8 - A 90 - 96 Credit Hours | Hours | Minimum Grade | Notes |
|-----------------------------------|-------|---------------|-------|
|-----------------------------------|-------|---------------|-------|

| | | |
|----------------------------------|---|---|
| Upper Division Neuroscience Core | 3 | C |
| Elective | 3 | |
| Term hours subtotal: | | 6 |

- Use Handshake to research **employment opportunities**.

| ★ Term 8 - B 96 - 102 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | |
|-------------------------------|---|---|
| ★ Related Coursework Elective | 3 | C |
| Upper Division Elective | 3 | |
| Term hours subtotal: | | 6 |

- Additional subjects may be used to fulfill related area requirements with academic advisor approval.
- Complete an in person or virtual **practice interview**.

| ★ Term 9 - A 102 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|--|---|---|
| ★ Upper Division Psychology Elective | 3 | C |
| Upper Division Literacy and Critical Inquiry (L) | 3 | C |

Term hours subtotal: 6

- Upper Division Psychology Elective must be taken from the course list below. See academic advisor for questions.
- If PSY 304 is used for the upper division L, it may be used to fulfill the upper division elective requirement in the major.
- Gather **professional references**.

| Term 9 - B 108 - 114 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ Upper Division Psychology Elective | 3 | C | <ul style="list-style-type: none"> • Upper Division Psychology Elective must be taken from the course list below. See academic advisor for questions. • Apply for full-time career opportunities. |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 10 - A 114 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ Upper Division Psychology Elective | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

- Courses used to fulfill PSY Elective requirements can only apply one in the major and may not be used to fulfill multiple psychology major requirements.

Hide Course List(s)/Track Group(s)

| | | |
|--------------------------------------|---|---|
| Neuroscience Core | Social/Developmental Core | Upper Division Psychology Electives |
| PSY 320: Learning and Motivation | PSY 315: Personality Theory and Research (SB) | PSY 304: Effective Thinking (L) |
| PSY 323: Sensation and Perception | PSY 341: Developmental Psychology (SB) | PSY 315: Personality Theory and Research (SB) |
| PSY 324: Memory and Cognition | PSY 350: Social Psychology (SB) | PSY 320: Learning and Motivation |
| | PSY 366: Abnormal Psychology (SB) | PSY 323: Sensation and Perception |
| | PSY 462: Health Psychology | PSY 324: Memory and Cognition |
| | | PSY 341: Developmental Psychology (SB) |
| | | PSY 350: Social Psychology (SB) |
| | | PSY 366: Abnormal Psychology (SB) |
| | | PSY 385: Psychology of Gender (SB) |
| | | PSY 453: Organizational Behavior (SB) |
| | | PSY 462: Health Psychology |
| | | PSY 468: Psychology and Law |
| Life Science Lab Science Requirement | Physical Science Lab Science Requirement | Related Coursework Electives |
| BIO Elective | AST Elective | ASB Elective |

| | | |
|--------------|--------------|--------------|
| ENV Elective | CHM Elective | COM Elective |
| LSC Elective | GLG Elective | JHR Elective |
| MIC Elective | PHY Elective | PSY Elective |
| | | SBS Elective |
| | | SOC Elective |

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map





Psychology (Forensic Psychology), BA




School/College: [New College of Interdisciplinary Arts and Sciences](#)

Location: [West campus](#)

ASPGSFPBA

| Term 1 0 - 13 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  PSY 101: Introduction to Psychology (SB) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • Student may elect to take an MA course in place of elective in Term 1 if needed to prepare for MAT 119 or MAT 170 in Term 2. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. NEW 101 satisfies this requirement. • IAS 300 (3 credit hours) is required for all transfer students in place of NEW 101. • Select your Career Interest Communities and play me3@ASU. • Activate your Handshake account and build out your profile. |
| ACO 100: All About Data: Design, Query, and Visualization (CS) OR CIS 105: Computer Applications and Information Technology (CS) OR CSE 180: Computer Literacy (CS) OR EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| NEW 101-S: The ASU New College Experience | 1 | | |
| Elective | 3 | | |
| Term hours subtotal: | 13 | | |

| Term 2 13 - 29 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • Create a first draft resume. • Join a student club or professional organization. • Secure a part-time job or volunteer experience. |
|  MAT 119: Finite Mathematics (MA) OR MAT 170: Precalculus (MA) | 3 | C | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 29 - 44 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  PSY 230: Introduction to Statistics (CS) | 3 | C | <ul style="list-style-type: none"> • Develop your research skills. • Develop your professional skills. • Build your professional connections - join the ASU Mentor Network. |
| Related Coursework Elective | 3 | C | |
| Historical Awareness (H) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Elective | 3 | | |
|  Complete First-Year Composition requirement. | | | |

Complete Mathematics (MA) requirement.

Term hours subtotal: 15

| Term 4 44 - 60 Credit Hours Critical course signified by ⚠ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ⚠ PSY 290: Research Methods (L or SG) | 4 | C | <ul style="list-style-type: none"> Explore an internship, IGLE international experience, or ASU Study Abroad. |
| Global Awareness (G) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Complete 2 courses: | | | |
| Elective | 6 | | |
| Term hours subtotal: | 16 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ Upper Division Neuroscience Focus Area Course #1 | 3 | C | <ul style="list-style-type: none"> IAS 300 (3 credit hours) is required for all transfer students. PSY 304 Effective Thinking (L) can be used to meet the upper division L requirement as well as PSY Related Coursework Elective. Thinking about graduate school? Consider registering for a graduate test prep course. Develop your professional online presence. |
| CRJ 309: Criminology (SB) | 3 | C | |
| PSY 366: Abnormal Psychology (SB) | 3 | C | |
| Related Coursework Elective | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ PSY 468: Psychology and Law | 3 | C | <ul style="list-style-type: none"> Use Handshake to research employment opportunities. Complete an in person or virtual practice interview. |
| ★ Upper Division Neuroscience Focus Area Course #2 | 3 | C | |
| CRJ 260: Substantive Criminal Law | 3 | C | |
| Upper Division Social/Developmental Focus Area Course | 3 | C | |
| Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ PSY 368: Forensic Psychology | 3 | C | <ul style="list-style-type: none"> Gather professional references. |
| Related Coursework Elective | 3 | C | |
| Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |

Complete 2 courses: 6
 Upper Division Elective

Term hours subtotal: 15

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ PSY 474: Correctional Psychology | 3 | C | • Apply for full-time career opportunities. |
| Upper Division Related Coursework Elective | 3 | C | |
| Upper Division Elective OR PSY 484: Internship | 3 | | |
| Complete 2 courses: Elective | 6 | | |
| Term hours subtotal: | | 15 | |

Hide Course List(s)/Track Group(s)

| Neuroscience Focus Area Course #1 | Neuroscience Focus Area Course #2 | Social/Developmental Focus Area Course |
|-----------------------------------|-------------------------------------|---|
| PSY 320: Learning and Motivation | PSY 320: Learning and Motivation | PSY 315: Personality Theory and Research (SB) |
| PSY 323: Sensation and Perception | PSY 323: Sensation and Perception | PSY 341: Developmental Psychology (SB) |
| PSY 324: Memory and Cognition | PSY 324: Memory and Cognition | PSY 350: Social Psychology (SB) |
| PSY 325: Physiological Psychology | PSY 325: Physiological Psychology | PSY 462: Health Psychology |
| | PSY 369: Biology of Human Sexuality | |
| | PSY 470: Psychopharmacology | |
| Related Coursework Electives | | |
| ASM Elective | | |
| COM Elective | | |
| POS Elective | | |
| PSY Elective | | |
| SBS Elective | | |
| SOC Elective | | |

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

- General Studies Core Requirements:
- Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - Computer/Statistics/Quantitative Applications (CS)
 - Humanities, Arts and Design (HU)
 - Social-Behavioral Sciences (SB)
 - Natural Science - Quantitative (SQ)
 - Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)

- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.









2020 - 2021 Major Map

Psychology (Forensic Psychology), BA

School/College: [New College of Interdisciplinary Arts and Sciences](#)

Location: [Online](#)

ASPGSFPBA

| Term 1 - A 0 - 7 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  PSY 101: Introduction to Psychology (SB) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. SBS 300 (3 credits) is required for all transfer students in place of ASU 101-UC. • Select your Career Interest Communities and play me3@ASU. • Activate your Handshake account and build out your profile. |
| ASU 101-UC: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| Term hours subtotal: | 7 | | |
| Term 1 - B 7 - 13 Credit Hours | Hours | Minimum Grade | Notes |
| ENG 101 or ENG 102: First-Year Composition OR | | | <ul style="list-style-type: none"> • View ASU Online first-year registration information here. |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |
| Term 2 - A 13 - 19 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  MAT 119: Finite Mathematics (MA) OR MAT 170: Precalculus (MA) | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 6 | | |
| Term 2 - B 19 - 25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
| Related Coursework Elective | 3 | C | <ul style="list-style-type: none"> • Additional subjects may be used to fulfill related area requirements with academic advisor approval. • Create a first draft resume. |
| Historical Awareness (H) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 6 | | |
| Term 3 - A 25 - 32 Credit Hours | Hours | Minimum Grade | Notes |
| Natural Science - Quantitative (SQ) | 4 | C | <ul style="list-style-type: none"> • Develop your professional skills. |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 7 | | |
| Term 3 - B 32 - 38 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  PSY 230: Introduction to Statistics (CS) | 3 | C | |

| | |
|--|---|
| Humanities, Arts and Design (HU) | 3 |
| ◆ Complete First-Year Composition requirement. | |
| Complete Mathematics (MA) requirement. | |
| Term hours subtotal: | 6 |

- PSY 230 may not be used to fulfill the CS general studies requirement. ACO 100, CIS 105, CSE 180 or EDT 180 required in Term 5-B.
- Build your professional connections - join the [ASU Mentor Network](#).

| Term 4 - A 38 - 45 Credit Hours Critical course signified by ◆ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ◆ PSY 290: Research Methods (L or SG) | 4 | C | <ul style="list-style-type: none"> • PSY 290 will also be used to fulfill the SG general studies requirement. • Explore an IGLE international experience or ASU Study Abroad. |
| Global Awareness (G) | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 4 - B 45 - 51 Credit Hours | Hours | Minimum Grade | Notes |
|------------------------------------|-------|---------------|-------|
| Cultural Diversity in the U.S. (C) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - A 51 - 57 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ Upper Division Social/Developmental Focus Area | 3 | C | <ul style="list-style-type: none"> • Psychology courses listed cannot be used to fulfill multiple requirements within the major. |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - B 57 - 63 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ ACO 100: All About Data: Design, Query, and Visualization (CS) OR CIS 105: Computer Applications and Information Technology (CS) OR CSE 180: Computer Literacy (CS) OR EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) | 3 | C | <ul style="list-style-type: none"> • SBS 300 (3 credit hours) is required for all transfer students in place of ASU 101-UC. |
| Upper Division Elective OR SBS 300: Careers in Psychology | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - A 63 - 69 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ Upper Division Neuroscience Focus Area | 3 | C | <ul style="list-style-type: none"> • Upper division C and G courses used to fulfill the Language and Cultures requirement may not also be used to fulfill the C and G requirements in general studies. |
| Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 69 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ CRJ 309: Criminology (SB) | 3 | C | <ul style="list-style-type: none"> • Upper division C and G courses used to fulfill the Language and Cultures requirement may not also be used to |
| Upper Division Language and Cultures: Requirement satisfied through the following: | | | |

* Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.

3 C

fulfill the C and G requirements in general studies.

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal: 6

| Term 7 - A 75 - 81 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ PSY 366: Abnormal Psychology (SB) | 3 | C | <ul style="list-style-type: none"> Additional subjects may be used to fulfill related area requirements with academic advisor approval. Thinking about graduate school? Consider registering for a grad school test prep course. |
| Related Coursework Elective | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 81 - 87 Credit Hours | Hours | Minimum Grade | Notes |
|---------------------------------|-------|---------------|--|
| Related Coursework Elective | 3 | C | <ul style="list-style-type: none"> Additional subjects may be used to fulfill related area requirements with academic advisor approval. Create your professional online presence. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 87 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ PSY 474: Correctional Psychology | 3 | C | <ul style="list-style-type: none"> Use Handshake to research employment opportunities. |
| Upper Division Neuroscience Focus Area | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 93 - 99 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| Upper Division Related Coursework Elective | 3 | C | <ul style="list-style-type: none"> Additional subject may be used to fulfill related area requirements with academic advisor approval. Complete an in person or virtual practice interview. |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - A 99 - 105 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| Upper Division Literacy and Critical Inquiry (L) | 3 | | <ul style="list-style-type: none"> Gather professional references. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - B 105 - 111 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ PSY 368: Forensic Psychology | 3 | C | <ul style="list-style-type: none"> Apply for full-time career opportunities. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 10 - A 111 - 117 Credit Hours Necessary course signified by | Minimum |
|--|---------|
|--|---------|

| ★ | Hours | Grade | Notes |
|-------------------------------|-------|-------|-------|
| ★ PSY 468: Psychology and Law | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 10 - B 117 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ CRJ 260: Substantive Criminal Law | 3 | C | |
| Term hours subtotal: | 3 | | |

- The Additional Psychology Courses listed in the track can only apply once in the major and may not be used to fulfill multiple psychology major requirements.

Hide Course List(s)/Track Group(s)

| Neuroscience Focus Area | Social/Developmental Focus Area | Related Coursework Electives |
|-----------------------------------|---|------------------------------|
| PSY 320: Learning and Motivation | PSY 315: Personality Theory and Research (SB) | ASM Elective |
| PSY 323: Sensation and Perception | PSY 341: Developmental Psychology (SB) | COM Elective |
| PSY 324: Memory and Cognition | PSY 350: Social Psychology (SB) | POS Elective |
| | PSY 462: Health Psychology | PSY Elective |
| | | SBS Elective |
| | | SOC Elective |

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map





Psychology (Forensic Psychology), BS




School/College: [New College of Interdisciplinary Arts and Sciences](#)

Location: [West campus](#)

ASPGSFPBS

| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  PSY 101: Introduction to Psychology (SB) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • Student may elect to take an MA course in Term 1 in place of Elective in order to prepare for MAT 170 in Term 2. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. NEW 101 satisfies this requirement. • IAS 300 (3 credit hours) is required for all transfer students in place of NEW 101. • Select your Career Interest Communities and play me3@ASU. • Activate your Handshake account and build out your profile. |
| ACO 100: All About Data: Design, Query, and Visualization (CS) OR CIS 105: Computer Applications and Information Technology (CS) OR CSE 180: Computer Literacy (CS) OR EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| NEW 101-S: The ASU New College Experience | 1 | | |
| Elective | 4 | | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • If lower division L requirement is completed in Term 2, PSY 290 may be used to fulfill the SG requirement in the major. • Create a first draft resume. • Join a student club or professional organization. • Secure a part-time job or volunteer experience. |
|  MAT 170: Precalculus (MA) | 3 | C | |
| Global Awareness (G) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 45 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  PSY 230: Introduction to Statistics (CS) | 3 | C | <ul style="list-style-type: none"> • Develop your research skills. • Develop your professional skills. • Build your professional connections - join the ASU Mentor Network. |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Historical Awareness (H) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Elective | 3 | | |
|  Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |

Term hours subtotal: 15

| Term 4 45 - 59 Credit Hours Critical course signified by 🚩 | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| 🚩 PSY 290: Research Methods (L or SG) | 4 | C | <ul style="list-style-type: none"> Psychology BS majors are required to take one Life Science lecture/lab course and one Physical Science lecture/lab course in addition to PSY 290 and the required university general studies SQ. Explore an internship, an IGLE international experience or ASU Study Abroad. |
| Physical Science Interdisciplinary Lab Course | 4 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 14 | | |

| Term 5 59 - 74 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ Upper Division Neuroscience Focus Area Course #1 | 3 | C | <ul style="list-style-type: none"> IAS 300 (3 credit hours) is required for all transfer students. Thinking about graduate school? Consider registering for a graduate test prep course. Develop your professional online presence. |
| CRJ 309: Criminology (SB) | 3 | C | |
| PSY 330: Statistical Methods (CS) | 3 | C | |
| PSY 366: Abnormal Psychology (SB) | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 74 - 89 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ PSY 468: Psychology and Law | 3 | C | <ul style="list-style-type: none"> Use Handshake to research employment opportunities. Complete an in person or virtual practice interview. |
| CRJ 260: Substantive Criminal Law | 3 | C | |
| Upper Division Neuroscience Focus Area Course #2 | 3 | C | |
| Upper Division Social/Developmental Focus Area Course | 3 | C | |
| Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 89 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ PSY 368: Forensic Psychology | 3 | C | <ul style="list-style-type: none"> Psychology BS majors are required to take one Life Science lecture/lab course and one Physical Science lecture/lab course in addition to PSY 290 and the required university general studies SQ. Gather professional references. |
| Life Science Interdisciplinary Lab Course | 4 | C | |
| Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| Upper Division Elective | 3 | | |

| | |
|----------------------|----|
| Elective | 3 |
| Term hours subtotal: | 16 |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ PSY 474: Correctional Psychology | 3 | C | • Apply for full-time career opportunities. |
| Upper Division Related Coursework Elective | 3 | C | |
| Upper Division Elective OR PSY 484: Internship | 3 | | |
| Complete 2 courses: | 6 | | |
| Elective | | | |
| Term hours subtotal: | 15 | | |

Hide Course List(s)/Track Group(s)

| Neuroscience Focus Area Course #1 | Neuroscience Focus Area Course #2 | Social/Developmental Focus Area Course |
|---|--|--|
| PSY 320: Learning and Motivation | PSY 320: Learning and Motivation | PSY 315: Personality Theory and Research (SB) |
| PSY 323: Sensation and Perception | PSY 323: Sensation and Perception | PSY 341: Developmental Psychology (SB) |
| PSY 324: Memory and Cognition | PSY 324: Memory and Cognition | PSY 350: Social Psychology (SB) |
| PSY 325: Physiological Psychology | PSY 325: Physiological Psychology | PSY 462: Health Psychology |
| | PSY 369: Biology of Human Sexuality | |
| | PSY 470: Psychopharmacology | |
| Upper Division Related Coursework Electives | Life Science Interdisciplinary Lab Courses | Physical Science Interdisciplinary Lab Courses |
| ASM Upper Division Elective | BCH Elective | AST Elective |
| COM Upper Division Elective | BIO Elective | CHM Elective |
| POS Upper Division Elective | FOR Elective | ENV Elective |
| PSY Upper Division Elective | LSC Elective | GLG Elective |
| SBS Upper Division Elective | MIC Elective | PHY Elective |
| SOC Upper Division Elective | | |

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

- General Studies Core Requirements:
- Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - Computer/Statistics/Quantitative Applications (CS)
 - Humanities, Arts and Design (HU)
 - Social-Behavioral Sciences (SB)
 - Natural Science - Quantitative (SQ)
 - Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)

- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map

Psychology (Forensic Psychology), BS



School/College: [New College of Interdisciplinary Arts and Sciences](#)



Location: [Online](#)

ASPGSFPBS

| Term 1 - A 0 - 7 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  PSY 101: Introduction to Psychology (SB) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first year composition courses. • Math Placement Assessment score determines placement in mathematics course. • ASU 101 is required of all first-year students. SBS 300 (3 credits) is required for all transfer students in place of ASU 101. • Select your Career Interest Communities and playme3@ASU. • Activate your Handshake account and build out your profile. |
| ASU 101-UC: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| Term hours subtotal: | 7 | | |




| Term 1 - B 7 - 13 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ENG 101 or ENG 102: First-Year Composition OR | 3 | C | <ul style="list-style-type: none"> • Student may elect to take an MA course in place of elective in Term 1-B if needed to prepare for MAT 119 or MAT 170 in Term 2-A. • View ASU Online first-year student registration information here. |
| ENG 105: Advanced First-Year Composition OR | | | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |



| Term 2 - A 13 - 20 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  MAT 170: Precalculus (MA) | 3 | C | <ul style="list-style-type: none"> • Psychology (BS) majors are required to take one Life Science course (lecture and lab) and one Physical Science course (lecture and lab) in addition to PSY 290 and the required general studies science course. |
| Life Science Lab Science Requirement | 4 | C | |
| Term hours subtotal: | 7 | | |

| Term 2 - B 20 - 26 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| Historical Awareness (H) | 3 | | <ul style="list-style-type: none"> • If lower division L requirement is completed in Term 2B, PSY 290 may be used to fulfill the SG requirement in the major. • Create a first draft resume. |
| Literacy and Critical Inquiry (L) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 6 | | |




| Term 3 - A 26 - 33 Credit Hours | Hours | Minimum Grade | Notes |
|-------------------------------------|-------|---------------|--|
| Natural Science - Quantitative (SQ) | 4 | | <ul style="list-style-type: none"> • Develop your professional skills. |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 7 | | |

| | | Minimum | |
|--|--|---------|--|
|--|--|---------|--|



| Term 3 - B 33 - 39 Credit Hours Critical course signified by  | Hours | Grade | Notes |
|---|-------|-------|--|
|  PSY 230: Introduction to Statistics (CS) | 3 | C | <ul style="list-style-type: none"> • PSY 230 may not be used to fulfill the CS requirement in the major. ACO 100, CIS 105, CSE 180 or EDT 180 required. • Build your professional connections - join the ASU Mentor Network. |
| Humanities, Arts and Design (HU) | 3 | | |
|  Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 6 | | |


| Term 4 - A 39 - 46 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  PSY 290: Research Methods (L or SG) | 4 | C | <ul style="list-style-type: none"> • PSY 290 will fulfill the SG requirement. • Explore an IGLE international experience or ASU Study Abroad. |
| Global Awareness (G) | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 4 - B 46 - 52 Credit Hours | Hours | Minimum Grade | Notes |
|------------------------------------|-------|---------------|-------|
| Cultural Diversity in the U.S. (C) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - A 52 - 58 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  PSY 330: Statistical Methods (CS) | 3 | C | <ul style="list-style-type: none"> • Psychology courses listed cannot be used to fulfill multiple requirements within the major. |
|  Upper Division Social/Developmental Focus Area | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 5 - B 58 - 64 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  ACO 100: All About Data: Design, Query, and Visualization (CS) OR CIS 105: Computer Applications and Information Technology (CS) OR CSE 180: Computer Literacy (CS) OR EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) | 3 | C | <ul style="list-style-type: none"> • SBS 300 (3 credit hours) is required for all transfer students in place of ASU 101-UC. |
| Upper Division Elective OR SBS 300: Careers in Psychology | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - A 64 - 70 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  Upper Division Neuroscience Focus Area | 3 | C | <ul style="list-style-type: none"> • Upper division C and G courses used to fulfill the Language and Cultures requirement may not also be used to fulfill the C and G requirements in the general studies. |
| Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 70 - 76 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| CRJ 309: Criminology (SB) | 3 | C | <ul style="list-style-type: none"> • Upper division C and G courses used to fulfill the Language and Cultures requirement may not also be used to |
| Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have | | | |

a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.

3

C

fulfill the C and G requirements in general studies.

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal: 6

| Term 7 - A 76 - 83 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

★ PSY 366: Abnormal Psychology (SB)

3

C

Physical Science Lab Science Requirement

4

C

Term hours subtotal: 7

- Psychology BS majors are required to take one Life Science course (lecture and lab) and one Physical Science course (lecture and lab) in addition to PSY 290 and the required general studies science course.

| Term 7 - B 83 - 89 Credit Hours | Hours | Minimum Grade | Notes |
|---------------------------------|-------|---------------|-------|
|---------------------------------|-------|---------------|-------|

Complete 2 courses:

Elective

6

- Create your **professional online presence**.

Term hours subtotal: 6

| Term 8 - A 89 - 95 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

★ PSY 474: Correctional Psychology

3

C

Upper Division Neuroscience Focus Area

3

C

Term hours subtotal: 6

- Use Handshake to research **employment opportunities**.

| Term 8 - B 95 - 101 Credit Hours | Hours | Minimum Grade | Notes |
|----------------------------------|-------|---------------|-------|
|----------------------------------|-------|---------------|-------|

Upper Division Related Coursework Elective

3

C

Elective

3

Term hours subtotal: 6

- Additional subjects may be used to fulfill related area requirements with academic advisor approval.
- Complete an in person or virtual **practice interview**.

| Term 9 - A 101 - 107 Credit Hours | Hours | Minimum Grade | Notes |
|-----------------------------------|-------|---------------|-------|
|-----------------------------------|-------|---------------|-------|

Upper Division Literacy and Critical Inquiry (L)

3

C

Upper Division Elective

3

Term hours subtotal: 6

- If PSY 304 is used for the upper division L, it may be used to fulfill the upper division elective requirement in the major.
- Gather **professional references**.

| Term 9 - B 107 - 113 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

★ PSY 368: Forensic Psychology

3

C

Elective

3

Term hours subtotal: 6

- Apply for full-time **career opportunities**.

| Term 10 - A 113 - 117 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

★ PSY 468: Psychology and Law

3

C

| | |
|----------------------|---|
| Elective | 1 |
| Term hours subtotal: | 4 |

| Term 10 - B 117 - 120 Credit Hours | Hours | Minimum Grade | Notes |
|------------------------------------|-------|---------------|-------|
| CRJ 260: Substantive Criminal Law | 3 | C | |
| Term hours subtotal: | 3 | | |

- The Additional Psychology Courses listed in the track can only apply once in the major and may not be used to fulfill multiple psychology major requirements.

Hide Course List(s)/Track Group(s)

| Neuroscience Focus Area | Social/Developmental Focus Area | Upper Division Related Coursework Electives |
|--------------------------------------|---|---|
| PSY 320: Learning and Motivation | PSY 315: Personality Theory and Research (SB) | ASM Upper Division Elective |
| PSY 323: Sensation and Perception | PSY 341: Developmental Psychology (SB) | COM Upper Division Elective |
| PSY 324: Memory and Cognition | PSY 350: Social Psychology (SB) | POS Upper Division Elective |
| | PSY 462: Health Psychology | PSY Upper Division Elective |
| | | SBS Upper Division Elective |
| | | SOC Upper Division Elective |
| Life Science Lab Science Requirement | Physical Science Lab Science Requirement | |
| BIO Elective | AST Elective | |
| LSC Elective | CHM Elective | |
| MIC Elective | GLG Elective | |
| | PHY Elective | |

Notes:

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)

- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map



Social Justice and Human Rights, BA





School/College: New College of Interdisciplinary Arts and Sciences

Location: West campus

ASJHRBA

| Term 1 0 - 13 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  JHR 100: Introduction to Social Justice and Human Rights (SB & G) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. NEW 101 meets this requirement. • IAS 300 is required by all transfer students in place of NEW 101. • Select your Career Interest Communities and play me3@ASU. • Activate your Handshake account and build out your profile. |
| ENG 101 or ENG 102: First-Year Composition OR | 3 | C | |
| ENG 105: Advanced First-Year Composition OR | | | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| NEW 101-S: The ASU New College Experience | 1 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 13 | | |

| Term 2 13 - 29 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ENG 101 or ENG 102: First-Year Composition OR | 3 | C | <ul style="list-style-type: none"> • Create a first draft resume. • Join a student club or professional organization. • Secure a part-time job or volunteer experience. |
| ENG 105: Advanced First-Year Composition OR | | | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 29 - 45 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  Focus Area Course | 3 | C | <ul style="list-style-type: none"> • Students select one focus area and complete 18 credit hours from within that area. • Develop your research skills. • Develop your professional skills. • Build your professional connections - join the ASU Mentor Network. |
| Historical Awareness (H) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
|  Complete First-Year Composition requirement. | | | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 45 - 60 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  Focus Area Course | 3 | C | |

| | |
|------------------------------------|----|
| Cultural Diversity in the U.S. (C) | 3 |
| | |
| Complete 3 courses: | 9 |
| Elective | |
| | |
| Term hours subtotal: | 15 |

- Explore an internship, IGLE international experience, or ASU Study Abroad.

| Term 5 60 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| HRC 310: Social and Cultural Studies: Method and Theory (C) OR ★ SBS 302: Qualitative Methods OR ASB 389: Ethnographic Field Lab or SBS 389: Ethnographic Field Lab or SOC 389: Ethnographic Field Lab | 3 | C | <ul style="list-style-type: none"> • IAS 300 (3 credit hours) is required for all transfer students. • Thinking about graduate school? Consider registering for a grad school test prep course. • Develop your professional online presence. |
| ★ Upper Division Focus Area Course | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB) | 3 | | |
| Complete 2 courses: | 6 | | |
| Elective | | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ JHR 305: Theory and Practice of Social Justice and Human Rights (SB & G) | 3 | C | <ul style="list-style-type: none"> • Use Handshake to research employment opportunities. • Complete an in person or virtual practice interview. |
| ★ Upper Division Focus Area Course | 3 | C | |
| SBS 303: Quantitative Methods OR SBS 304: Social Statistics I (CS) | 3 | C | |
| Complete 2 courses: | 6 | | |
| Elective | | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ Upper Division Focus Area Course | 3 | C | <ul style="list-style-type: none"> • Gather professional references. |
| Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| Complete 2 courses: | 6 | | |
| Upper Division Elective | | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ JHR 484: Internship | 3 | C | <ul style="list-style-type: none"> • Apply for full-time career opportunities. |
| ★ Upper Division Focus Area Course | 3 | C | |
| Complete 3 courses: | 9 | | |
| Upper Division Elective | | | |
| Term hours subtotal: | 15 | | |

- Select one focus area and complete 18 credit hours from within that area.

Hide Course List(s)/Track Group(s)

| Materialism Intersectionality & Inequality Focus Area | Advocacy & Social Change Focus Area | Critical Trauma Studies & Humanitarianism Focus Area |
|--|--|--|
| AMS 334: Class in America (SB) | AMS 276: U.S. Women's Movements (H & C) or WST 276: U.S. Women's Movements (H & C) | AMS 412: Studies in American Politics & Law (H) |
| AMS 353: African American Literature: Beginnings through the Harlem Renaissance ((L or HU) & C) or AFR 353: African American Literature: Beginnings through the Harlem Renaissance ((L or HU) & C) or ENG 353: African American Literature: Beginnings through the Harlem Renaissance ((L or HU) & C) or ETH 353: African American Literature: Beginnings through the Harlem Renaissance ((L or HU) & C) | ASB 339: Grassroots Social Movements (SB) or POS 339: Grassroots Social Movements (SB) or SBS 339: Grassroots Social Movements (SB) or SOC 339: Grassroots Social Movements (SB) | AMS 449: Hate Speech Manifestos and Radical Writings (SB & C) or ETH 449: Hate Speech Manifestos and Radical Writings (SB & C) or WST 449: Hate Speech Manifestos and Radical Writings (SB & C) |
| ASB 102: Introduction to Cultural Anthropology (SB & G) | ASB 442: Global Cities (SB & G) or SBS 460: Global Cities (SB & G) | AMS 469: Abject Bodies and the Politics of Trash (SB & C) or ETH 469: Abject Bodies and the Politics of Trash (SB & C) or WST 469: Abject Bodies and the Politics of Trash (SB & C) |
| ASB 211: Women in Other Cultures ((HU or SB) & G) | ASB 447: Citizenship Nationalism and Identity (SB & C & G) or POS 447: Citizenship Nationalism and Identity (SB & C & G) or SBS 447: Citizenship Nationalism and Identity (SB & C & G) | ASB 356: Central American Studies (SB & G) or GCU 356: Central American Studies (SB & G) or SBS 356: Central American Studies (SB & G) or SOC 356: Central American Studies (SB & G) or POS 354: Central American Studies (SB & G) |
| ASB 340: Migration and Culture (SB & G) or SOC 328: Migration and Culture (SB & G) | IAS 406: Moral Dilemmas (L or HU) or PHI 406: Moral Dilemmas (L or HU) | ETH 430: Gender on the Borderlands (SB & G) or LAS 430: Gender on the Borderlands (SB & G) or WST 430: Gender on the Borderlands (SB & G) |
| ASB 342: Mexico-U.S. Borderlands (SB & C) or SBS 342: Mexico-U.S. Borderlands (SB & C) or SOC 342: Mexico-U.S. Borderlands (SB & C) | PHI 306: Applied Ethics (HU) | HST 355: Total War and the Crisis of Modernity (SB & G & H) |
| COM 316: Gender and Communication (SB & C) | POS 210: Political Ideologies (SB) | HST 360: The Crusades: Religion & Conflict in the Middle Ages (SB & H) |
| ENG 462: Africana Literature (HU & G) | POS 335: Power and American Democracy or SBS 335: Power and American Democracy | HST 404: Conquest and Encounters in Colonial Latin America (L & G) |
| ETH 100: Ethnic and Indigenous Lives (SB & C) | POS 336: Voters in America (SB) | HST 430: The Ottoman Empire in the Classical Period |
| ETH 473: Indigenous and Latina/Chicana Representation (SB & C) or LAS 473: Indigenous and Latina/Chicana Representation (SB & C) or WST 473: Indigenous and Latina/Chicana Representation (SB & C) | POS 350: Comparative Politics (SB & G) | HST 454: History of Genocide (G & H) |
| HST 419: 20th Century Chicano/a History (C) or LAS 419: 20th Century Chicano/a History (C) | POS 434: Media and Politics (SB) | HST 495: Latin America and the Cold War (L) |
| IAP 464: Media and Diversity (HU & G) | POS 437: Women Power and Politics (G) | IAP 307: Art and War (HU & G) |
| PHI 360: Business and Professional Ethics (HU) | POS 438: Latino Politics (SB & C) | IAS 340: Bioethics (HU) or PHI 320: Bioethics (HU) |
| POS 160: Global Politics (SB & G) or POS 360: World Politics (SB & G) | POS 446: Democracy (HU) | LAS 355: Contemporary Mexican Cinema: Changing Cartographies |
| | POS 470: Law and the Political Order (SB) | LAS 481: Dictatorships and Dirty Wars: Latin American Cinema from Resistance to |
| | POS 494: Everyday Forms of Political Resistance or SOC 494: Everyday Forms of Political Resistance | |
| | POS 494: The Sociology of Everyday Life or SBS 494: The Sociology of Everyday Life or SOC 494: The Sociology of Everyday Life | |
| | SOC 334: Technology and Society (L or SB) | |
| | SOC 352: Social Change (SB & G & H) | |
| | SOC 456: Political Sociology | |

POS 464: Border Cities: Action Research on Globalization (SB & G)

POS 486: International Political Economy (SB & G)

SOC 241: Modern Social Problems (SB)

SOC 264: Gender and Society (SB & C)

SOC 270: Racial and Ethnic Relations (SB & C)

SOC 426: Social Inequality (SB)

WST 100: Women Gender and Society (SB & C) or WST 300: Women and Gender in Contemporary Society (SB & C)

Reconciliation (HU & G) or SPA 481: Dictatorships and Dirty Wars: Latin American Cinema from Resistance to Reconciliation (HU & G)

NEW 300: International Cities

PHI 494: Trauma Studies

POS 436: Gender Sexuality Nation-States

POS 454: Mexico (SB & G)

POS 456: Latin American Cities (SB & G)

POS 480: Global Justice (G) or SBS 480: Global Justice (G)

POS 484: Asylum Greece or SOC 484: Asylum Greece

SOC 331: Environmental Sociology (SB & G)

WST 333: Critical Perspectives on Sexuality (SB & C)

WST 385: Psychology of Gender (SB)

WST 444: Gender Health and Bodies (SB)

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.











2020 - 2021 Major Map

Social and Behavioral Sciences, BA

School/College: New College of Interdisciplinary Arts and Sciences

Location: West campus

ASSBSBA

| Term 1 0 - 15 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|--------------|----------------------|--|
|  Introductory Social and Behavioral Science Course AND Social-Behavioral Sciences (SB) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. NEW 101 satisfies this requirement. • IAS 300 (3 credits) is required for all transfer students in place of NEW 101. • Select Career Interest Communities and play me3@ASU. • Activate your Handshake account and build out your profile. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 117: College Algebra (MA) OR MAT 119: Finite Mathematics (MA) OR MAT 142: College Mathematics (MA) OR MAT 170: Precalculus (MA) | 3 | C | |
| NEW 101-S: The ASU New College Experience | 1 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Elective | 2 | | |
| Term hours subtotal: | 15 | | |
| Term 2 15 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  Program Elective | 3 | C | <ul style="list-style-type: none"> • Create a first draft resume • Join a student club or professional organization • Secure a part-time job or volunteer experience. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Historical Awareness (H) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 2 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |
| Term 3 30 - 45 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  SBS 200: Introduction to Social and Behavioral Sciences (SB) | 3 | C | <ul style="list-style-type: none"> • Develop your research skills. • Develop your professional skills. • Build your professional connections - join the ASU Mentor Network |
| Program Elective | 3 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | C | |
| Global Awareness (G) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
|  Complete First-Year Composition requirement. | | | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 15 | | |
| Term 4 45 - 60 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |

| | | |
|---|----|---|
| ❖ SBS 302: Qualitative Methods OR SBS 303: Quantitative Methods | 3 | C |
| ❖ Program Elective | 3 | C |
| Literacy and Critical Inquiry (L) | 3 | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | |
| Elective | 2 | |
| Term hours subtotal: | 15 | |

- Explore an internship, IGLE international experience or ASU Study Abroad.

| Term 5 60 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ SBS 301: Cultural Diversity (L or SB) & C | 3 | C | <ul style="list-style-type: none"> • IAS 300 (3 credit hours) is required for all transfer students. • Completion of SBS 301 in Term 5 and upper division language and cultures course in Term 7 fulfills the New College upper division language and cultures requirement. • Develop your professional online presence. • Thinking about graduate school? Consider registering for a grad school test prep course. |
| Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB) | 3 | | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ Upper Division Program Elective | 3 | C | <ul style="list-style-type: none"> • Use Handshake to research employment opportunities. • Complete an in person or virtual practice interview. |
| Complete 2 courses: | 6 | | |
| Upper Division Elective | | | |
| Complete 2 courses: | 6 | | |
| Elective | | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ Complete 2 courses: | 6 | C | <ul style="list-style-type: none"> • Completion of SBS 301 in Term 5 and upper division language and cultures course in Term 7 fulfills the New College upper division language and cultures requirement. • Gather professional references. |
| Upper Division Program Elective | | | |
| Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| Complete 2 courses: | 6 | | |
| Upper Division Elective | | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ Complete 3 courses: | 9 | C | <ul style="list-style-type: none"> • Apply for full-time career opportunities. |
| Upper Division Program Elective | | | |
| Complete 2 courses: | 6 | | |
| Elective | | | |

Term hours subtotal: 15

- Working with an academic advisor, select and complete courses from at least three of the following prefixes: ASB, COM, FAS, JHR, POS, PSY or SOC. Twelve credit hours must be taken from courses offered by the School of Social and Behavioral Sciences. Upon academic advisor approval, up to six credit hours of Internship, Supervised Research and Individualized Instruction may be applied toward the major and up to three credit hours of International Internship or Study Abroad courses (relevant to the major) may be applied to the major.

Hide Course List(s)/Track Group(s)

| Introductory Social and Behavioral Science Course | Program Electives |
|---|-------------------|
| ASB 102: Introduction to Cultural Anthropology (SB & G) | ASB Elective |
| COM 100: Introduction to Human Communication (SB) | COM Elective |
| JHR 100: Introduction to Social Justice and Human Rights (SB & G) | FAS Elective |
| POS 110: American Government and Politics (SB) | JHR Elective |
| PSY 101: Introduction to Psychology (SB) | POS Elective |
| SOC 101: Introductory Sociology (SB) | PSY Elective |
| SOS 111: Sustainable Cities ((HU or SB) & G) | SOC Elective |

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.












2020 - 2021 Major Map

Social and Behavioral Sciences, BS

School/College: New College of Interdisciplinary Arts and Sciences

Location: West campus

ASSBSBS

| Term 1 0 - 15 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  Introductory Social and Behavioral Science Course AND Social-Behavioral Sciences (SB) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. NEW 101 satisfies this requirement. • IAS 300 (3 credits) is required for all transfer students in place of NEW 101. • Select Career Interest Communities and play me3@ASU. • Activate your Handshake account and build out your profile. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 117: College Algebra (MA) OR MAT 119: Finite Mathematics (MA) OR MAT 142: College Mathematics (MA) OR MAT 170: Precalculus (MA) | 3 | C | |
| NEW 101-S: The ASU New College Experience | 1 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Elective | 2 | | |
| Term hours subtotal: | 15 | | |
| Term 2 15 - 29 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  Program Elective | 3 | C | <ul style="list-style-type: none"> • Create a first draft resume • Join a student club or professional organization • Secure a part-time job or volunteer experience. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Historical Awareness (H) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 1 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 14 | | |
| Term 3 29 - 44 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  SBS 200: Introduction to Social and Behavioral Sciences (SB) | 3 | C | <ul style="list-style-type: none"> • Develop your research skills. • Develop your professional skills. • Build your professional connections - join the ASU Mentor Network |
|  SBS 304: Social Statistics I (CS) | 3 | C | |
| Program Elective | 3 | C | |
| Global Awareness (G) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
|  Complete First-Year Composition requirement. | | | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 15 | | |
| Term 4 44 - 60 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |

| | | |
|---|----|---|
| 📌 SBS 303: Quantitative Methods | 3 | C |
| 📌 Program Elective | 3 | C |
| Literacy and Critical Inquiry (L) | 3 | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | |
| Elective | 3 | |
| Term hours subtotal: | 16 | |

- Explore an internship, IGLE international experience or ASU Study Abroad.

| Term 5 60 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ SBS 301: Cultural Diversity (L or SB) & C | 3 | C | <ul style="list-style-type: none"> • IAS 300 (3 credit hours) is required for all transfer students. • Develop your professional online presence. • Thinking about graduate school? Consider registering for a grad school test prep course. |
| ★ SBS 302: Qualitative Methods | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB) | 3 | | |
| Complete 2 courses: Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ SBS 484: Internship OR SBS 498: Pro-Seminar (L) | 3 | C | <ul style="list-style-type: none"> • Use Handshake to research employment opportunities. • Complete an in person or virtual practice interview. |
| ★ Upper Division Program Elective | 3 | C | |
| Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used; * . | 3 | C | |
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ Complete 2 courses: Upper Division Program Elective | 6 | C | <ul style="list-style-type: none"> • Gather professional references. |
| Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used; * . | 3 | C | |
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ Complete 2 courses: Upper Division Program Elective | 6 | C | • Apply for full-time career opportunities. |
| Complete 3 courses: Elective | 9 | | |
| Term hours subtotal: | | 15 | |

- Working with an academic advisor, select and complete courses from at least three of the following prefixes: ASB, COM, FAS, JHR, POS, PSY or SOC. Twelve credit hours must be taken from courses offered by the School of Social and Behavioral Sciences. Upon academic advisor approval, up to six credit hours of Internship, Supervised Research and Individualized Instruction may be applied toward the major and up to three credit hours of International Internship or Study Abroad courses (relevant to the major) may be applied to the major.

Hide Course List(s)/Track Group(s)

| | |
|---|-------------------|
| Introductory Social and Behavioral Science Course | Program Electives |
| | ASB Elective |
| ASB 102: Introduction to Cultural Anthropology (SB & G) | COM Elective |
| | FAS Elective |
| COM 100: Introduction to Human Communication (SB) | JHR Elective |
| | POS Elective |
| JHR 100: Introduction to Social Justice and Human Rights (SB & G) | PSY Elective |
| | SOC Elective |
| POS 110: American Government and Politics (SB) | |
| PSY 101: Introduction to Psychology (SB) | |
| SOC 101: Introductory Sociology (SB) | |
| SOS 111: Sustainable Cities ((HU or SB) & G) | |

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map




Social and Cultural Analysis (American Studies), BA




School/College: [New College of Interdisciplinary Arts and Sciences](#)



Location: [West campus](#)



ASSCAASBA




| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. NEW 101 satisfies this requirement. • IAS 300 is required for all transfer students in place of NEW 101. • Select your Career Interest Communities and play me3@ASU. • Activate your Handshake account and build out your profile. |
| MAT 142: College Mathematics (MA) | 3 | C | |
| NEW 101-H: The ASU New College Experience | 1 | | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Global Awareness (G) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 16 | | |



| Term 2 16 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • Students may elect to take AMS 201, ETH 100, PAX 230, or WST 100 in term 3 depending on course availability. Please speak with academic advisor. • Create a first draft resume. • Join a student club or professional organization. • Secure a part-time job or volunteer experience. |
| AMS 201: Introduction to American Studies (L & C) OR ETH 100: Ethnic and Indigenous Lives (SB & C) OR PAX 230: Introduction to Peace Studies (G) OR WST 100: Women, Gender, and Society (SB & C) | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 48 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| HRC 200: Introduction to Social and Cultural Analysis (SB & C) | 3 | C | <ul style="list-style-type: none"> • Develop your research skills. • Develop your professional skills. • Build your professional connections - join the ASU Mentor Network. |
| Humanities, Arts and Design (HU) | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Complete 2 courses: Elective | 6 | | |
|  Complete AMS 201 OR ETH 100 OR PAX 230 OR WST 100 course(s). | | | |
|  Complete Mathematics (MA) requirement. | | | |
| Complete First-Year Composition requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 48 - 63 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  American Studies Concentration Course | 3 | C | <ul style="list-style-type: none"> Explore an internship, IGLE international experience or ASU Study Abroad. |
| Historical Awareness (H) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  HRC 310: Social and Cultural Studies: Method and Theory (C) | 3 | C | <ul style="list-style-type: none"> HRC 310 (C) fulfills 3 credit hours of the New College Language and Cultures requirement. IAS 300 (3 credit hours) is required for all transfer students. Thinking about graduate school? Consider registering for a grad school test prep course. Develop your professional online presence |
| Complete 2 courses: | | | |
| Upper Division American Studies Concentration Course | 6 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) OR IAS 300: Career Strategies and Personal Resilience (L or SB) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  Complete 2 courses: | | | <ul style="list-style-type: none"> Use Handshake to research employment opportunities Complete an in person or virtual practice interview. |
| Upper Division American Studies Concentration Course | 6 | C | |
| Upper Division Language and Cultures: Requirement satisfied through the following: | | | |
| * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| Complete 2 courses: | | | |
| Upper Division Elective | 6 | | |
|  Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  Upper Division American Studies Concentration Course | 3 | C | <ul style="list-style-type: none"> Gather professional references. |
| Upper Division Elective OR IAS 484: Internship | 3 | | |
| Complete 3 courses: | | | |
| Elective | 9 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  HRC 480: Capstone: Practices and Approaches (L) | 3 | C | <ul style="list-style-type: none"> Apply for full-time career opportunities. |
| Complete 2 courses: | | | |
| Upper Division American Studies Concentration Course | 6 | C | |

- For Area of Concentration, choose 24 credit hours (eight courses) from the program concentration course list.

Hide Course List(s)/Track Group(s)

American Studies Concentration Course

AMS 201: Introduction to American Studies
(L & C)

AMS 276: U.S. Women's Movements (H & C)

AMS 326: Popular Culture

AMS 330: American Lives (HU & C)

AMS 334: Class in America (SB)

AMS 336: The American Southwest in
Literature and Film ((L or HU) & C)

AMS 353: African American Literature:
Beginnings through the Harlem Renaissance
((L or HU) & C)

AMS 354: African American Literature:
Harlem Renaissance to the Present ((L or HU)
& C)

AMS 380: Race Gender and Class (SB & C)

AMS 412: Studies in American Politics & Law
(H)

AMS 428: Peoples and Cultures of the
American West to 1848 (SB & H)

AMS 449: Hate Speech Manifestos and
Radical Writings (SB & C)

AMS 450: Latina/os Schooling and Social
Inequality (C)

AMS 469: Abject Bodies and the Politics of
Trash (SB & C)

ENG 337: Major American Novels (L or HU)

HST 320: U.S. Urban History since 1850 (SB
& H)

HST 413: Contemporary America ((L or SB)
& H)

HST 419: 20th Century Chicano/a History (C)

REL 321: Religion in America ((L or HU) & C
& H)

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map




Social and Cultural Analysis (Ethnicity, Race and Indigenous Studies), BA




School/College: [New College of Interdisciplinary Arts and Sciences](#)



Location: [West campus](#)


ASSCAERBA




| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. NEW 101 satisfies this requirement. • IAS 300 is required for all transfer students in place of NEW 101. • Select your Career Interest Communities and play me3@ASU. • Activate your Handshake account and build out your profile. |
| MAT 142: College Mathematics (MA) | 3 | C | |
| NEW 101-H: The ASU New College Experience | 1 | | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Global Awareness (G) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 16 | | |



| Term 2 16 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • Students may elect to take AMS 201, ETH 100, PAX 230, or WST 100 in term 3 depending on course availability. Please speak with academic advisor. • Create a first draft resume. • Join a student club or professional organization. • Secure a part-time job or volunteer experience. |
| AMS 201: Introduction to American Studies (L & C) OR ETH 100: Ethnic and Indigenous Lives (SB & C) OR PAX 230: Introduction to Peace Studies (G) OR WST 100: Women, Gender, and Society (SB & C) | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |



| Term 3 32 - 48 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| HRC 200: Introduction to Social and Cultural Analysis (SB & C) | 3 | C | <ul style="list-style-type: none"> • Develop your research skills. • Develop your professional skills. • Build your professional connections - join the ASU Mentor Network. |
| Humanities, Arts and Design (HU) | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Complete 2 courses: Elective | 6 | | |
|  Complete AMS 201 OR ETH 100 OR PAX 230 OR WST 100 course(s). | | | |
|  Complete Mathematics (MA) requirement. | | | |
| Complete First-Year Composition requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 48 - 63 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  Ethnicity, Race and Indigenous Studies Concentration Course | 3 | C | <ul style="list-style-type: none"> Explore an internship, IGLE international experience or ASU Study Abroad. |
| Historical Awareness (H) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  HRC 310: Social and Cultural Studies: Method and Theory (C) | 3 | C | <ul style="list-style-type: none"> HRC 310 (C) fulfills 3 credit hours of the New College Language and Cultures requirement. IAS 300 (3 credit hours) is required for all transfer students. Thinking about graduate school? Consider registering for a grad school test prep course. Develop your professional online presence |
| <i>Complete 2 courses:</i> | | | |
| Upper Division Ethnicity, Race and Indigenous Studies Concentration Course | 6 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) OR IAS 300: Career Strategies and Personal Resilience (L or SB) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| <i>Complete 2 courses:</i> | | | <ul style="list-style-type: none"> Use Handshake to research employment opportunities Complete an in person or virtual practice interview. |
|  Upper Division Ethnicity, Race and Indigenous Studies Concentration Course | 6 | C | |
| Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| <i>Complete 2 courses:</i> | 6 | | |
| Upper Division Elective | | | |
|  Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  Upper Division Ethnicity, Race and Indigenous Studies Concentration Course | 3 | C | <ul style="list-style-type: none"> Gather professional references. |
| Upper Division Elective OR IAS 484: Internship | 3 | | |
| <i>Complete 3 courses:</i> | 9 | | |
| Elective | | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  HRC 480: Capstone: Practices and Approaches (L) | 3 | C | <ul style="list-style-type: none"> Apply for full-time career opportunities. |
| <i>Complete 2 courses:</i> | | | |

| | | |
|--|----|---|
| Upper Division Ethnicity, Race and Indigenous Studies Concentration Course | 6 | C |
| Upper Division Elective | 3 | |
| Term hours subtotal: | 12 | |

- For Area of Concentration, choose 24 credit hours (eight courses) from the program concentration course list.

Hide Course List(s)/Track Group(s)

| |
|--|
| Ethnicity Race and Indigneous Studies Concentration |
| ENG 317: Cross-Cultural Writing ((L or HU) & G) |
| ENG 420: Multicultural Autobiographies ((L or HU) & C) |
| ENG 462: Africana Literature (HU & G) |
| ENG 463: African American Literature |
| ETH 100: Ethnic and Indigenous Lives (SB & C) |
| ETH 334: The American Southwest in Literature and Film ((L or HU) & C) |
| ETH 353: African American Literature: Beginnings through the Harlem Renaissance ((L or HU) & C) |
| ETH 354: African American Literature: Harlem Renaissance to the Present ((L or HU) & C) |
| ETH 380: Race Gender and Class (SB & C) |
| ETH 428: Peoples and Cultures of the American West to 1848 (SB & H) |
| ETH 430: Gender on the Borderlands (SB & G) |
| ETH 433: Race and Sexualities in Social Justice Movements or WST 433: Race and Sexualities in Social Justice Movements |
| ETH 449: Hate Speech Manifestos and Radical Writings (SB & C) |
| ETH 450: Latina/os Schooling and Social Inequality (C) |
| ETH 469: Abject Bodies and the Politics of Trash (SB & C) |
| ETH 473: Indigenous and Latina/Chicana Representation (SB & C) |

HST 419: 20th Century Chicano/a History (C)
or LAS 419: 20th Century Chicano/a History
(C)

SBS 301: Cultural Diversity ((L or SB) & C)

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map




Social and Cultural Analysis (Latin American Studies), BA




School/College: New College of Interdisciplinary Arts and Sciences



Location: West campus




ASSCALABA




| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. NEW 101 satisfies this requirement. • IAS 300 is required for all transfer students in place of NEW 101. • Select your Career Interest Communities and play me3@ASU. • Activate your Handshake account and build out your profile. |
| MAT 142: College Mathematics (MA) | 3 | C | |
| NEW 101-H: The ASU New College Experience | 1 | | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Global Awareness (G) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 16 | | |



| Term 2 16 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • Students may elect to take AMS 201, ETH 100, PAX 230, or WST 100 in term 3 depending on course availability. Please speak with academic advisor. • Create a first draft resume. • Join a student club or professional organization. • Secure a part-time job or volunteer experience. |
| AMS 201: Introduction to American Studies (L & C) OR ETH 100: Ethnic and Indigenous Lives (SB & C) OR PAX 230: Introduction to Peace Studies (G) OR WST 100: Women, Gender, and Society (SB & C) | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 48 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| HRC 200: Introduction to Social and Cultural Analysis (SB & C) | 3 | C | <ul style="list-style-type: none"> • Develop your research skills. • Develop your professional skills. • Build your professional connections - join the ASU Mentor Network. |
| Humanities, Arts and Design (HU) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Complete 2 courses: Elective | 6 | | |
|  Complete AMS 201 OR ETH 100 OR PAX 230 OR WST 100 course(s). | | | |
|  Complete Mathematics (MA) requirement. | | | |
| Complete First-Year Composition requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 48 - 63 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  Latin American Studies Concentration Course | 3 | C | <ul style="list-style-type: none"> Explore an internship, IGLE international experience or ASU Study Abroad. |
| Historical Awareness (H) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  HRC 310: Social and Cultural Studies: Method and Theory (C) | 3 | C | <ul style="list-style-type: none"> HRC 310 (C) fulfills 3 credit hours of the New College Language and Cultures requirement. IAS 300 (3 credit hours) is required for all transfer students. Thinking about graduate school? Consider registering for a grad school test prep course. Develop your professional online presence |
|  Complete 2 courses: | 6 | C | |
| Upper Division Latin American Studies Concentration Course | | | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) OR IAS 300: Career Strategies and Personal Resilience (L or SB) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  Complete 2 courses: | 6 | C | <ul style="list-style-type: none"> Use Handshake to research employment opportunities Complete an in person or virtual practice interview. |
| Upper Division Latin American Studies Concentration Course | | | |
| Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| Complete 2 courses: | 6 | | |
| Upper Division Elective | | | |
|  Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  Upper Division Latin American Studies Concentration Course | 3 | C | <ul style="list-style-type: none"> Gather professional references. |
| Upper Division Elective OR LAS 484: Internship | 3 | | |
| Complete 3 courses: | 9 | | |
| Elective | | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  HRC 480: Capstone: Practices and Approaches (L) | 3 | C | <ul style="list-style-type: none"> Apply for full-time career opportunities. |
|  Complete 2 courses: | 6 | C | |
| Upper Division Latin American Studies Concentration Course | | | |

- For Area of Concentration, choose 24 credit hours (eight courses) from the program concentration course list.

Hide Course List(s)/Track Group(s)

Latin American Studies Concentration

LAS 205: Deep Roots: Latin America (HU & G)

LAS 206: Locating Latin America: Interdisciplinary Methods

LAS 330: From the Inside: The Latin American Journey (HU)

LAS 340: Latin American Women Writers

LAS 350: The Construction of a Nation: Chile in the 20th/21st Century

LAS 351: Cityscapes: Urban Mexican Literature and Culture

LAS 355: Contemporary Mexican Cinema: Changing Cartographies

LAS 375: Colonial Latin America (SB & H)

LAS 376: Modern Latin America (SB & G & H)

LAS 404: Conquest and Encounters in Colonial Latin America (L & G)

LAS 419: 20th Century Chicano/a History (C)

LAS 428: Peoples and Cultures of the American West to 1848 (SB & H)

LAS 430: Gender on the Borderlands (SB & G)

LAS 441: Latin America and the World Economy (L & G & H)

LAS 450: Latina/os Schooling and Social Inequality (C)

LAS 471: Treaties and Cultural Production in Spain and the Americas

LAS 473: Indigenous and Latina/Chicana Representation (SB & C)

LAS 480: Current Trends in Theatre and New Media in Latin America and Spain (HU)

LAS 481: Dictatorships and Dirty Wars: Latin
American Cinema from Resistance to
Reconciliation (HU & G)

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
**Hrs Resident Credit for
Academic Recognition:** 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map




Social and Cultural Analysis (Peace Studies), BA




School/College: [New College of Interdisciplinary Arts and Sciences](#)



Location: [West campus](#)




ASSCAPSBA




| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. NEW 101 satisfies this requirement. • IAS 300 is required for all transfer students in place of NEW 101. • Select your Career Interest Communities and play me3@ASU. • Activate your Handshake account and build out your profile. |
| MAT 142: College Mathematics (MA) | 3 | C | |
| NEW 101-H: The ASU New College Experience | 1 | | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Global Awareness (G) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 16 | | |



| Term 2 16 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • Students may elect to take AMS 201, ETH 100, PAX 230, or WST 100 in term 3 depending on course availability. Please speak with academic advisor. • Create a first draft resume. • Join a student club or professional organization. • Secure a part-time job or volunteer experience. |
| AMS 201: Introduction to American Studies (L & C) OR ETH 100: Ethnic and Indigenous Lives (SB & C) OR PAX 230: Introduction to Peace Studies (G) OR WST 100: Women, Gender, and Society (SB & C) | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |




| Term 3 32 - 48 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| HRC 200: Introduction to Social and Cultural Analysis (SB & C) | 3 | C | <ul style="list-style-type: none"> • Develop your research skills. • Develop your professional skills. • Build your professional connections - join the ASU Mentor Network. |
| Humanities, Arts and Design (HU) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Complete 2 courses: Elective | 6 | | |
|  Complete AMS 201 OR ETH 100 OR PAX 230 OR WST 100 course(s). | | | |
|  Complete Mathematics (MA) requirement. | | | |
| Complete First-Year Composition requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 48 - 63 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  Peace Studies Concentration Course | 3 | C | <ul style="list-style-type: none"> Explore an internship, IGLE international experience or ASU Study Abroad. |
| Historical Awareness (H) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  HRC 310: Social and Cultural Studies: Method and Theory (C) | 3 | C | <ul style="list-style-type: none"> HRC 310 (C) fulfills 3 credit hours of the New College Language and Cultures requirement. IAS 300 (3 credit hours) is required for all transfer students. Thinking about graduate school? Consider registering for a grad school test prep course. Develop your professional online presence |
|  Complete 2 courses: | 6 | C | |
| Upper Division Peace Studies Concentration Course | | | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) OR IAS 300: Career Strategies and Personal Resilience (L or SB) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  Complete 2 courses: | 6 | C | <ul style="list-style-type: none"> Use Handshake to research employment opportunities Complete an in person or virtual practice interview. |
| Upper Division Peace Studies Concentration Course | | | |
| Upper Division Language and Cultures: Requirement satisfied through the following: | | | |
| * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| Complete 2 courses: | 6 | | |
| Upper Division Elective | | | |
|  Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  Upper Division Peace Studies Concentration Course | 3 | C | <ul style="list-style-type: none"> Gather professional references. |
| Upper Division Elective OR IAS 484: Internship | 3 | | |
| Complete 3 courses: | 9 | | |
| Elective | | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  HRC 480: Capstone: Practices and Approaches (L) | 3 | C | <ul style="list-style-type: none"> Apply for full-time career opportunities. |
|  Complete 2 courses: | 6 | C | |
| Upper Division Peace Studies Concentration Course | | | |

- For Area of Concentration, choose 24 credit hours (eight courses) from the program concentration course list.

Hide Course List(s)/Track Group(s)

Peace Studies Concentration

AMS 276: U.S. Women's Movements (H & C)
or WST 276: U.S. Women's Movements (H & C)

ASB 339: Grassroots Social Movements (SB)
or SBS 339: Grassroots Social Movements (SB) or SOC 339: Grassroots Social Movements (SB)

COM 312: Communication Conflict and Negotiation

COM 423: Facilitating Collaboration and Dialogue

ENG 312: English in its Social Setting (L or HU or SB)

ETH 433: Race and Sexualities in Social Justice Movements or WST 433: Race and Sexualities in Social Justice Movements

HST 454: History of Genocide (G & H) or FOR 454: History of Genocide (G & H)

IAP 307: Art and War (HU & G)

IAS 406: Moral Dilemmas (L or HU) or PHI 406: Moral Dilemmas (L or HU)

JHR 100: Introduction to Social Justice and Human Rights (SB & G)

JHR 305: Theory and Practice of Social Justice and Human Rights (SB & G)

NEW 100: Introduction to Conflict Resolution

PAX 230: Introduction to Peace Studies (G)

PHI 306: Applied Ethics (HU)

POS 480: Global Justice (G) or SBS 480: Global Justice (G)

SOC 241: Modern Social Problems (SB)

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)

Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map




Social and Cultural Analysis (Queer and Sexuality Studies), BA




School/College: [New College of Interdisciplinary Arts and Sciences](#)



Location: [West campus](#)



ASSCAQSBA




| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. NEW 101 satisfies this requirement. • IAS 300 is required for all transfer students in place of NEW 101. • Select your Career Interest Communities and play me3@ASU. • Activate your Handshake account and build out your profile. |
| MAT 142: College Mathematics (MA) | 3 | C | |
| NEW 101-H: The ASU New College Experience | 1 | | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Global Awareness (G) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 16 | | |



| Term 2 16 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • Students may elect to take AMS 201, ETH 100, PAX 230, or WST 100 in term 3 depending on course availability. Please speak with academic advisor. • Create a first draft resume. • Join a student club or professional organization. • Secure a part-time job or volunteer experience. |
| AMS 201: Introduction to American Studies (L & C) OR ETH 100: Ethnic and Indigenous Lives (SB & C) OR PAX 230: Introduction to Peace Studies (G) OR WST 100: Women, Gender, and Society (SB & C) | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 48 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| HRC 200: Introduction to Social and Cultural Analysis (SB & C) | 3 | C | <ul style="list-style-type: none"> • Develop your research skills. • Develop your professional skills. • Build your professional connections - join the ASU Mentor Network. |
| Humanities, Arts and Design (HU) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Complete 2 courses: Elective | 6 | | |
|  Complete AMS 201 OR ETH 100 OR PAX 230 OR WST 100 course(s). | | | |
|  Complete Mathematics (MA) requirement. | | | |
| Complete First-Year Composition requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 48 - 63 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  Queer and Sexuality Studies Concentration Course | 3 | C | <ul style="list-style-type: none"> Explore an internship, IGLE international experience or ASU Study Abroad. |
| Historical Awareness (H) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  HRC 310: Social and Cultural Studies: Method and Theory (C) | 3 | C | <ul style="list-style-type: none"> HRC 310 (C) fulfills 3 credit hours of the New College Language and Cultures requirement. IAS 300 (3 credit hours) is required for all transfer students. Thinking about graduate school? Consider registering for a grad school test prep course. Develop your professional online presence |
| <i>Complete 2 courses:</i> | | | |
| Upper Division Queer and Sexuality Studies Concentration Course | 6 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) OR IAS 300: Career Strategies and Personal Resilience (L or SB) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  <i>Complete 2 courses:</i> | | | <ul style="list-style-type: none"> Use Handshake to research employment opportunities Complete an in person or virtual practice interview. |
| Upper Division Queer and Sexuality Studies Concentration Course | 6 | C | |
| Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| <i>Complete 2 courses:</i> | | | |
| Upper Division Elective | 6 | | |
|  Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  Upper Division Queer and Sexuality Studies Concentration Course | 3 | C | <ul style="list-style-type: none"> Gather professional references. |
| Upper Division Elective OR WST 484: Internship | 3 | | |
| <i>Complete 3 courses:</i> | | | |
| Elective | 9 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  HRC 480: Capstone: Practices and Approaches (L) | 3 | C | <ul style="list-style-type: none"> Apply for full-time career opportunities. |
|  <i>Complete 2 courses:</i> | | | |
| Upper Division Queer and Sexuality Studies Concentration Course | 6 | C | |

 Term hours subtotal: 12

- For Area of Concentration, choose 24 credit hours (eight courses) from the program concentration course list.

Hide Course List(s)/Track Group(s)

Queer and Sexuality Studies Concentration

AMS 276: U.S. Women's Movements (H & C)
or WST 276: U.S. Women's Movements (H & C)

SWU 180: Introduction to Lesbian Gay
Bisexual and Transgender (LGBT) Studies
(SB & C)

WST 100: Women Gender and Society (SB & C)
or WST 300: Women and Gender in
Contemporary Society (SB & C)

WST 333: Critical Perspectives on Sexuality
(SB & C)

WST 376: Feminist Theory (H & C)

WST 380: Race Gender and Class (SB & C)

WST 428: Gender Madness and Justice (SB)

WST 433: Race and Sexualities in Social
Justice Movements or ETH 433: Race and
Sexualities in Social Justice Movements

WST 444: Gender Health and Bodies (SB)

WST 449: Hate Speech Manifestos and
Radical Writings (SB & C)

WST 457: Women Cultures and Societies (SB
& G)

WST 469: Abject Bodies and the Politics of
Trash (SB & C)

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map




Social and Cultural Analysis (Women and Gender Studies), BA




School/College: [New College of Interdisciplinary Arts and Sciences](#)



Location: [West campus](#)



ASSCAWSBA




| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. NEW 101 satisfies this requirement. • IAS 300 is required for all transfer students in place of NEW 101. • Select your Career Interest Communities and play me3@ASU. • Activate your Handshake account and build out your profile. |
| MAT 142: College Mathematics (MA) | 3 | C | |
| NEW 101-H: The ASU New College Experience | 1 | | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Global Awareness (G) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 16 | | |


| Term 2 16 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • Students may elect to take AMS 201, ETH 100, PAX 230, or WST 100 in term 3 depending on course availability. Please speak with academic advisor. • Create a first draft resume. • Join a student club or professional organization. • Secure a part-time job or volunteer experience. |
| AMS 201: Introduction to American Studies (L & C) OR ETH 100: Ethnic and Indigenous Lives (SB & C) OR PAX 230: Introduction to Peace Studies (G) OR WST 100: Women, Gender, and Society (SB & C) | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 48 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| HRC 200: Introduction to Social and Cultural Analysis (SB & C) | 3 | C | <ul style="list-style-type: none"> • Develop your research skills. • Develop your professional skills. • Build your professional connections - join the ASU Mentor Network. |
| Humanities, Arts and Design (HU) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Complete 2 courses: Elective | 6 | | |
|  Complete AMS 201 OR ETH 100 OR PAX 230 OR WST 100 course(s). | | | |
|  Complete Mathematics (MA) requirement. | | | |
| Complete First-Year Composition requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 48 - 63 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  Women and Gender Studies Concentration Course | 3 | C | <ul style="list-style-type: none"> Explore an internship, IGLE international experience or ASU Study Abroad. |
| Historical Awareness (H) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  HRC 310: Social and Cultural Studies: Method and Theory (C) | 3 | C | <ul style="list-style-type: none"> HRC 310 (C) fulfills 3 credit hours of the New College Language and Cultures requirement. IAS 300 (3 credit hours) is required for all transfer students. Thinking about graduate school? Consider registering for a grad school test prep course. Develop your professional online presence |
| Complete 2 courses: | | | |
| Upper Division Women and Gender Studies Concentration Course | 6 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) OR IAS 300: Career Strategies and Personal Resilience (L or SB) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  Complete 2 courses: | | | <ul style="list-style-type: none"> Use Handshake to research employment opportunities Complete an in person or virtual practice interview. |
| Upper Division Women and Gender Studies Concentration Course | 6 | C | |
| Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| Complete 2 courses: | | | |
| Upper Division Elective | 6 | | |
|  Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  Upper Division Women and Gender Studies Concentration Course | 3 | C | <ul style="list-style-type: none"> Gather professional references. |
| Upper Division Elective OR WST 484: Internship | 3 | | |
| Complete 3 courses: | | | |
| Elective | 9 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  HRC 480: Capstone: Practices and Approaches (L) | 3 | C | <ul style="list-style-type: none"> Apply for full-time career opportunities. |
| Complete 2 courses: | | | |
|  Upper Division Women and Gender Studies Concentration Course | 6 | C | |

- For Area of Concentration, choose 24 credit hours (eight courses) from the program concentration course list.

Hide Course List(s)/Track Group(s)

Women and Gender Studies Concentration

ENG 454: Gender and Literature (L or HU)

HST 328: Women in U.S. History 1880-1980
(HU or SB) & C & H

SBS 301: Cultural Diversity ((L or SB) & C)

WST 100: Women Gender and Society (SB & C) or WST 300: Women and Gender in Contemporary Society (SB & C)

WST 220: Gender Media and Culture (HU & C)

WST 276: U.S. Women's Movements (H & C)

WST 333: Critical Perspectives on Sexuality (SB & C)

WST 341: Latin American Women Writers

WST 370: Chronicling Women's Lives (HU & C)

WST 376: Feminist Theory (H & C)

WST 380: Race Gender and Class (SB & C)

WST 390: Women Gender and Religion (HU & G)

WST 428: Gender Madness and Justice (SB)

WST 430: Gender on the Borderlands (SB & G)

WST 433: Race and Sexualities in Social Justice Movements or ETH 433: Race and Sexualities in Social Justice Movements

WST 444: Gender Health and Bodies (SB)

WST 449: Hate Speech Manifestos and Radical Writings (SB & C)

WST 457: Women Cultures and Societies (SB & G)

WST 469: Abject Bodies and the Politics of Trash (SB & C)

WST 473: Indigenous and Latina/Chicana Representation (SB & C)

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.












2020 - 2021 Major Map

Sociology, BA

School/College: New College of Interdisciplinary Arts and Sciences

Location: West campus, ASU@Lake Havasu

ASSOCBA

| Term 1 0 - 13 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  SOC 101: Introductory Sociology (SB) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. NEW 101 satisfies this requirement. • IAS 300 (3 credit hours) is required for all transfer students in place of NEW 101. • Select your Career Interest Communities and play me3@ASU. • Activate your Handshake account and build out your profile. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| NEW 101-S: The ASU New College Experience | 1 | | |
| Elective | 3 | | |
| Term hours subtotal: | 13 | | |
| | | | |
| Term 2 13 - 29 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  SOC Elective | 3 | C | <ul style="list-style-type: none"> • For SOC electives, in addition to the SOC prefix, other relevant courses may be chosen with advisor approval from the following prefixes: ASB, JHR, POS, PSY and SBS. • Create a first draft resume. • Join a student club or professional organization. • Secure a part-time job or volunteer experience. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |
| Term 3 29 - 45 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  Related Area Course | 3 | C | <ul style="list-style-type: none"> • Develop your research skills. • Develop your professional skills. • Build your professional connections - join the ASU Mentor Network. |
| Historical Awareness (H) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
|  Complete First-Year Composition requirement. | | | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |
| Term 4 45 - 60 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  Related Area Course | 3 | C | |

| | |
|------------------------------------|----|
| Cultural Diversity in the U.S. (C) | 3 |
| Global Awareness (G) | 3 |
| Complete 2 courses: Elective | 6 |
| Term hours subtotal: | 15 |

- Explore an **internship**, an **IGLE international experience**, or **ASU Study Abroad**.

| Term 5 60 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|---|----|---|
| ★ SBS 302: Qualitative Methods OR SBS 303: Quantitative Methods | 3 | C |
| ★ SBS 304: Social Statistics I (CS) | 3 | C |
| ★ SOC Upper Division Elective | 3 | C |
| Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB) | 3 | |
| Upper Division Elective | 3 | |
| Term hours subtotal: | 15 | |

- IAS 300 (3 credit hours) is required for all transfer students.
- For SOC electives, in addition to the SOC prefix, other relevant courses may be chosen with advisor approval from the following prefixes: ASB, JHR, POS, PSY and SBS.
- A maximum of 6 credit hours of SOC 484 or SOC 499 can be used for SOC electives.
- Thinking about graduate school? Consider registering for a grad school **test prep course**.
- Develop your **professional online presence**.

| Term 6 75 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|---|----|---|
| Related Area Course | 3 | C |
| Complete 2 courses: SOC Upper Division Elective | 6 | C |
| Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C |
| Upper Division Elective | 3 | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |
| Term hours subtotal: | 15 | |

- For SOC electives, in addition to the SOC prefix, other relevant courses may be chosen with advisor approval from the following prefixes: ASB, JHR, POS, PSY and SBS.
- A maximum of 6 credit hours of SOC 484 or SOC 499 can be used for SOC electives.
- Use Handshake to research **employment opportunities**.
- Complete an in person or virtual **practice interview**.

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | |
|---|----|---|
| ★ SOC 426: Social Inequality (SB) OR SOC 486: Contemporary Theory (SB) | 3 | C |
| SOC Upper Division Elective | 3 | C |
| Related Area Course | 3 | C |
| Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C |
| Upper Division Elective | 3 | |
| Term hours subtotal: | 15 | |

- For SOC electives, in addition to the SOC prefix, other relevant courses may be chosen with advisor approval from the following prefixes: ASB, JHR, POS, PSY and SBS.
- A maximum of 6 credit hours of SOC 484 or SOC 499 can be used for SOC electives.
- Gather **professional references**.

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ SOC Upper Division Elective | 3 | C | <ul style="list-style-type: none"> For SOC electives, in addition to the SOC prefix, other relevant courses may be chosen with advisor approval from the following prefixes: ASB, JHR, POS, PSY and SBS. A maximum of 6 credit hours of SOC 484 or SOC 499 can be used for SOC electives. Apply for full-time career opportunities. |
| Related Area Course | 3 | C | |
| Upper Division Elective OR SOC 484: Internship | 3 | | |
| Complete 2 courses: | 6 | | |
| Elective | | | |
| Term hours subtotal: | 15 | | |

Hide Course List(s)/Track Group(s)

| Related Area Courses |
|----------------------|
| ASB Elective |
| JHR Elective |
| POS Elective |
| PSY Elective |
| SBS Elective |
| SOC Elective |

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.












2020 - 2021 Major Map

Sociology, BS

School/College: New College of Interdisciplinary Arts and Sciences

Location: West campus

ASSOCBS

| Term 1 0 - 13 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  SOC 101: Introductory Sociology (SB) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. NEW 101 satisfies this requirement. • IAS 300 (3 credit hours) is required for all transfer students in place of NEW 101. • Select your Career Interest Communities and play me3@ASU. • Activate your Handshake account and build out your profile. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| NEW 101-S: The ASU New College Experience | 1 | | |
| Elective | 3 | | |
| Term hours subtotal: | 13 | | |
| | | | |
| Term 2 13 - 29 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  SOC Elective | 3 | C | <ul style="list-style-type: none"> • For sociology electives, in addition to the SOC prefix, other relevant courses may be chosen with advisor approval from the following prefixes: ASB, JHR, POS, PSY and SBS. • Create a first draft resume. • Join a student club or professional organization. • Secure a part-time job or volunteer experience. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |
| Term 3 29 - 45 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  Related Area Course | 3 | C | <ul style="list-style-type: none"> • Develop your research skills. • Develop your professional skills. • Build your professional connections - join the ASU Mentor Network. |
| Historical Awareness (H) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
|  Complete First-Year Composition requirement. | | | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |
| Term 4 45 - 60 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  Complete 2 courses: Related Area Course | 6 | C | |

| | |
|------------------------------------|----|
| Cultural Diversity in the U.S. (C) | 3 |
| Global Awareness (G) | 3 |
| Elective | 3 |
| Term hours subtotal: | 15 |

- Explore an **internship**, an **IGLE international experience**, or **ASU Study Abroad**.

| Term 5 60 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | |
|--|----|---|
| ★ SBS 303: Quantitative Methods | 3 | C |
| ★ SBS 304: Social Statistics I (CS) | 3 | C |
| SOC Upper Division Elective | 3 | C |
| Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB) | 3 | |
| Elective | 3 | |
| Term hours subtotal: | 15 | |

- IAS 300 (3 credit hours) is required for all transfer students.
- For sociology electives, in addition to the SOC prefix, other relevant courses may be chosen with advisor approval from the following prefixes: ASB, JHR, POS, PSY and SBS.
- A maximum of 6 credit hours of SOC 484 or SOC 499 can be used for sociology electives.
- Thinking about graduate school? Consider registering for a grad school **test prep course**.
- Develop your **professional online presence**.

| Term 6 75 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | |
|---|----|---|
| ★ SBS 302: Qualitative Methods | 3 | C |
| Complete 2 courses: SOC Upper Division Elective | 6 | C |
| Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C |
| Elective | 3 | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |
| Term hours subtotal: | 15 | |

- For sociology electives, in addition to the SOC prefix, other relevant courses may be chosen with advisor approval from the following prefixes: ASB, JHR, POS, PSY and SBS.
- A maximum of 6 credit hours of SOC 484 or SOC 499 can be used for sociology electives.
- Use Handshake to research **employment opportunities**.
- Complete an in person or virtual **practice interview**

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|---|----|---|
| ★ SOC Upper Division Elective | 3 | C |
| Related Area Course | 3 | C |
| Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C |
| Complete 2 courses: Upper Division Elective | 6 | |
| Term hours subtotal: | 15 | |

- For sociology electives, in addition to the SOC prefix, other relevant courses may be chosen with advisor approval from the following prefixes: ASB, JHR, POS, PSY and SBS.
- A maximum of 6 credit hours of SOC 484 or SOC 499 can be used for sociology electives.
- Gather **professional references**.

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ SOC 426: Social Inequality (SB) OR SOC 486: Contemporary Theory (SB) | 3 | C | <ul style="list-style-type: none"> • For sociology electives, in addition to the SOC prefix, other relevant courses may be chosen with advisor approval from the following prefixes: ASB, JHR, POS, PSY and SBS. • A maximum of 6 credit hours of SOC 484 or SOC 499 can be used for sociology electives. • Apply for full-time career opportunities. |
| SOC Upper Division Elective | 3 | C | |
| Upper Division Elective OR SOC 484: Internship | 3 | | |
| Complete 2 courses: Elective | 6 | | |
| Term hours subtotal: | 15 | | |

Hide Course List(s)/Track Group(s)

| Related Area Courses |
|----------------------|
| ASB Elective |
| JHR Elective |
| POS Elective |
| PSY Elective |
| SBS Elective |
| SOC Elective |

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.










2020 - 2021 Major Map

Spanish, BA

School/College: [New College of Interdisciplinary Arts and Sciences](#)

Location: [West campus](#)

ASSPABA

| Term 1 0 - 15 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  SPA 102: Elementary Spanish II | 4 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. NEW 101 satisfies this requirement. • IAS 300 (3 credits) is required for all transfer students in place of NEW 101. • SPA 101 is for true beginners, is considered introductory, does not count toward the major, and taking it will extend the amount of time to degree completion. See an academic advisor for more information. • Select your Career Interest Communities and play me3@ASU. • Activate your Handshake account and build out your profile. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| NEW 101-H: The ASU New College Experience | 1 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 15 | | |
| | | | |
| Term 2 15 - 31 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  SPA 201: Intermediate Spanish (G) | 4 | C | <ul style="list-style-type: none"> • Create a first draft resume. • Join a student club or professional organization. • Secure a part-time job or volunteer experience. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Historical Awareness (H) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |
| Term 3 31 - 45 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  SPA 202: Intermediate Spanish (G) | 4 | C | <ul style="list-style-type: none"> • Develop your research skills. • Develop your professional skills. • Build your professional connections  join the ASU Mentor Network. |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
|  Complete First-Year Composition requirement. | | | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 14 | | |

| Term 4 45 - 60 Credit Hours Critical course signified by ⚠ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ⚠ SPA 313: Spanish Conversation and Composition (G) OR SPA 315: Advanced Spanish I for Bilinguals (C) | 3 | C | <ul style="list-style-type: none"> Explore an internship, an IGLE international experience, or ASU study abroad. |
| Related Area Elective | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ SPA 314: Spanish Conversation and Composition (G) OR SPA 316: Advanced Spanish II for Bilinguals (L & C) | 3 | C | <ul style="list-style-type: none"> IAS 300 (3 credit hours) is required for all transfer students. Thinking about graduate school? Consider registering for a grad school test prep course. Develop your professional online presence. |
| ★ SPA 325: Introduction to Hispanic Literature (HU) | 3 | C | |
| ★ Upper Division Spanish Culture and Civilization Course | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB) | 3 | | |
| Humanities, Arts and Design (HU) OR Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ Upper Division Spanish Culture and Civilization Course | 3 | C | <ul style="list-style-type: none"> Use Handshake to research employment opportunities. Complete an in person or virtual practice interview. |
| ★ Upper Division Spanish Literature Course | 3 | C | |
| Related Area Elective | 3 | C | |
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ Upper Division Spanish Culture and Civilization Course | 3 | C | <ul style="list-style-type: none"> Gather professional references. |
| ★ Upper Division Spanish Literature Course | 3 | C | |
| Complete 2 courses: Related Area Elective | 6 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ Upper Division Spanish Culture and Civilization Course | 3 | C | <ul style="list-style-type: none"> Apply for full-time career opportunities. |
| ★ Complete 2 courses: Upper Division Spanish Literature Course | 6 | C | |
| Upper Division Elective OR SPA 484: Internship | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

- Literature: choose 12 hours (four courses)
- Culture and Civilization: choose 12 hours (four courses). Courses taught in English will require all written work in Spanish for major credit.
- Related Area Electives: total of 12 hours (four courses). Choose from SPA, LAS or Related Area Electives List. Other courses must be approved by an academic advisor.
- No course may be used to satisfy more than one of these requirements. Other courses must be approved by an academic advisor.

Hide Course List(s)/Track Group(s)

| Upper Division Spanish Culture and Civilization | Upper Division Spanish Literature | Related Area Electives |
|---|---|--|
| LAS 330: From the Inside: The Latin American Journey (HU) | LAS 340: Latin American Women Writers | ASB 356: Central American Studies (SB & G) or GCU 356: Central American Studies (SB & G) or SBS 356: Central American Studies (SB & G) or SOC 356: Central American Studies (SB & G) or POS 354: Central American Studies (SB & G) |
| LAS 355: Contemporary Mexican Cinema: Changing Cartographies | LAS 351: Cityscapes: Urban Mexican Literature and Culture | |
| LAS 394: Special Topics | SPA 425: Foundational Texts of Spain (L or HU) | ENG 334: The American Southwest in Literature and Film ((L or HU) & C) |
| LAS 471: Treaties and Cultural Production in Spain and the Americas | SPA 426: Literature and Society in Modern Spain (HU) | ENG 363: Transborder Mexican and Chicano/a Literature of Southwest North America ((L or HU) & C) |
| LAS 480: Current Trends in Theatre and New Media in Latin America and Spain (HU) | SPA 427: Colonial and Postcolonial Latin American Literature (L or HU) | LAS 205: Deep Roots: Latin America (HU & G) |
| LAS 481: Dictatorships and Dirty Wars: Latin American Cinema from Resistance to Reconciliation (HU & G) | SPA 428: Foundational Texts of Latin American Literature Since Modernismo ((L or HU) & G) | LAS 206: Locating Latin America: Interdisciplinary Methods |
| LAS 494: Special Topics | SPA 429: Writing Mexico: Major Texts ((L or HU) & G) | LAS 340: Latin American Women Writers |
| SPA 394: Special Topics | SPA 434: Drama of the Golden Age | LAS 350: The Construction of a Nation: Chile in the 20th/21st Century |
| SPA 471: Civilization of the Indohispanomexicano Southwest ((L or HU) & C) | SPA 464: JaitÃ³n Works in Chicano/a Literature ((HU or SB) & C) | LAS 351: Cityscapes: Urban Mexican Literature and Culture |
| SPA 472: Latin American Society: Five Case Studies (HU & H & G) | SPA 487: Chicano/a Drama: Pachucos Vendidos y Cerezitas (C) | LAS 355: Contemporary Mexican Cinema: Changing Cartographies |
| SPA 473: Old and New Spaniards: Culture and Civilization of Spain ((HU or SB) & G) | | LAS 375: Colonial Latin America (SB & H) |
| SPA 474: Revolutionary Mexico and Postmodern Revisions ((L or HU) & G) | | LAS 376: Modern Latin America (SB & G & H) |
| SPA 494: Special Topics | | LAS 404: Conquest and Encounters in Colonial Latin America (L & G) |
| | | LAS 419: 20th Century Chicano/a History (C) |
| | | LAS 428: Peoples and Cultures of the American West to 1848 (SB & H) |
| | | LAS 471: Treaties and Cultural Production in Spain and the Americas |
| | | LAS 473: Indigenous and Latina/Chicana Representation (SB & C) |

LAS 480: Current Trends in Theatre and New Media in Latin America and Spain (HU)

LAS 481: Dictatorships and Dirty Wars: Latin American Cinema from Resistance to Reconciliation (HU & G)

POS 453: Latin America (SB & G)

POS 454: Mexico (SB & G)

SPA 412: Advanced Conversation and Composition (G)

SPA 413: Spanish Grammar in Context (G)

SPA 456: 20th-Century Spanish American Fiction

SPA 471: Civilization of the Indohispanomexicano Southwest ((L or HU) & C)

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map



Statistics, BS





School/College: New College of Interdisciplinary Arts and Sciences

Location: West campus

ASSTABS

| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  MAT 270: Calculus with Analytic Geometry I (MA) | 4 | C | <ul style="list-style-type: none"> An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses Mathematics Placement Assessment score determines placement in mathematics course ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. NEW 101 satisfies this requirement. IAS 300 (3 credit hours) is required for all transfer students in place of NEW 101. Select your Career Interest Communities and play me3@ASU. Activate your Handshake account and build out your profile. |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| NEW 101-M: The ASU New College Experience | 1 | | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  MAT 271: Calculus with Analytic Geometry II (MA) | 4 | C | <ul style="list-style-type: none"> Create a first draft resume. Join a student club or professional organization. Secure a part-time job or volunteer experience. |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| Historical Awareness (H) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 44 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  MAT 272: Calculus with Analytic Geometry III (MA) | 4 | C | <ul style="list-style-type: none"> Completion of both ACO 101 and ACO 102 with a C or better satisfies the New College Language and Cultures requirement. If an upper division C or G course is taken in term 4, another upper division C or G course must be taken in term 8 to satisfy the New College Language and Cultures requirement. Develop your research skills. Develop your professional skills. Build your professional connections - join the ASU Mentor Network. |
|  STP 280: Probability and Statistics for Researchers (CS) | 3 | C | |
| ACO 101: Introduction to Computer Science (CS) | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
|  Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 14 | | |

| Term 4 44 - 60 Credit Hours Critical course signified by ⚠ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ⚠ STP 281: Statistical Analysis for Researchers | 3 | C | <ul style="list-style-type: none"> • Completion of both ACO 101 and ACO 102 with a C or better satisfies the New College Language and Cultures requirement. If an upper division C or G course is taken in term 4, another upper division C or G course must be taken in term 8 to satisfy the New College Language and Cultures requirement. • Explore an internship, an IGLE international experience, or ASU Study Abroad. |
| ACO 102: Object-Oriented Programming (CS) | 3 | C | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Global Awareness (G) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ STP 310: Design and Analysis of Experiments | 3 | C | <ul style="list-style-type: none"> • IAS 300 (3 credit hours) is required for all transfer students. • Thinking about graduate school? Consider registering for a grad school test prep course. • Develop your professional online presence. |
| ★ STP 311: Regression and Time Series Analyses | 3 | C | |
| MAT 343: Applied Linear Algebra | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ STP 315: Statistical Computing | 3 | C | <ul style="list-style-type: none"> • Statistics Focus Area courses are courses in related disciplines in the New College of Interdisciplinary Arts and Sciences. Please consult with your academic advisor to select the proper courses for the desired related field. • Students interested in graduate school should enroll in MAT 300, MAT 371 and MAT 472. • LSC 388 is strongly recommended for students interested in graduate school. • For data science careers, complete ACO courses for focus area. • Use Handshake to research employment opportunities. • Complete an in person or virtual practice interview. |
| Upper Division Statistics Course | 3 | C | |
| Statistics Focus Area Course | 3 | C | |
| Literacy and Critical Inquiry (L) (LSC 388 recommended) | 3 | C | |
| Upper Division Elective OR STP 484: Internship | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ STP 485: Statistics Capstone | 3 | C | <ul style="list-style-type: none"> • Statistics Focus Area courses are courses in related disciplines in the New College of Interdisciplinary Arts and Sciences. Please consult with your academic advisor to select the proper courses for the desired related field. • Students interested in graduate school should enroll in MAT 300, 371 and MAT 472. • For data science careers, complete ACO courses for focus area. • Gather professional references. |
| ★ STP 421: Probability | 3 | C | |
| Upper Division Statistics Course | 3 | C | |
| Statistics Focus Area Course | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ STP 427: Mathematical Statistics | 3 | C | <ul style="list-style-type: none"> Statistics Focus Area courses are courses in related disciplines in the New College of Interdisciplinary Arts and Sciences. Please consult with your academic advisor to select the proper courses for the desired related field. Students interested in graduate school should enroll in MAT 300, MAT 371 and MAT 472 for focus area. For data science careers, complete ACO courses for focus area. Apply for full-time career opportunities. |
| Upper Division Statistics Course | 3 | C | |
| Statistics Focus Area Course | 3 | C | |
| Complete 2 courses: | 6 | | |
| Upper Division Elective | | | |
| Term hours subtotal: | 15 | | |

- Statistics Focus Area courses are in related disciplines in the New College of Interdisciplinary Arts and Sciences. Please consult with your academic advisor to select the proper courses for the desired focus area.
 - Students planning on attending graduate school should enroll in MAT 300, MAT 371, and MAT 472.

Hide Course List(s)/Track Group(s)

| Statistics Focus Area Course | Upper Division Statistics Course |
|--|------------------------------------|
| ACO 201: Data Structures and Algorithms (CS) | STP 450: Nonparametric Statistics |
| ACO 320: Database Systems | STP 451: Quality Improvement |
| ACO 350: Systems Programming (CS) | STP 452: Multivariate Statistics |
| CHM 113: General Chemistry I (SQ) | STP 460: Categorical Data Analysis |
| CHM 116: General Chemistry II (SQ) | |
| CHM 233: General Organic Chemistry I | |
| MAT 243: Discrete Mathematical Structures | |
| MAT 300: Mathematical Structures (L) | |
| MAT 371: Advanced Calculus I | |
| MAT 421: Applied Computational Methods (CS) | |
| MAT 450: Mathematical Models in Biology | |
| MAT 472: Intermediate Real Analysis I | |

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map



Women and Gender Studies, BS




School/College: New College of Interdisciplinary Arts and Sciences

Location: West campus

ASWSTBS

| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • Student should consult an advisor on (MA) course selection to ensure pre-requisites for selected Statistics or Quantitative Methods requirement are met. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. NEW 101 satisfies this requirement. • IAS 300 (3 credits) is required for all transfer students in place of NEW 101. • Select your Career Interest Communities and play me3@ASU. • Activate your Handshake account and build out your profile. |
|  WST 100: Women, Gender, and Society (SB & C) | 3 | C | |
| MAT 142: College Mathematics (MA) OR Mathematics (MA) | 3 | C | |
| NEW 101-H: The ASU New College Experience | 1 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 14 | | |




| Term 2 14 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • Create a first draft resume. • Join a student club or professional organization. • Secure a part-time job or volunteer experience. |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). Term hours subtotal: | 16 | | |




| Term 3 30 - 45 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  Women and Gender Studies Elective | 3 | C | <ul style="list-style-type: none"> • If student is interested in taking PSY 230 to satisfy 3 credit hours of the Statistics or Quantitative Methods requirement then PSY 101 should be selected. • Develop your research skills. • Develop your professional skills. |
| Humanities, Arts and Design (HU) | 3 | | |
| Social-Behavioral Sciences (SB) OR PSY 101: Introduction to Psychology (SB) | 3 | | |
| Complete 2 courses: Elective | 6 | | |
|  Complete Mathematics (MA) requirement. | | | |




Complete First-Year Composition requirement.

Term hours subtotal: 15

- Build your professional connections - join the [ASU Mentor Network](#).

| Term 4 45 - 60 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  WST 276: U.S. Women's Movements (H & C) | 3 | C | <ul style="list-style-type: none"> • Explore an internship, an IGLE international experience, or ASU Study Abroad. |
|  Women and Gender Studies Elective | 3 | C | |
| Global Awareness (G) | 3 | | |
| Complete 2 courses: Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  HRC 310: Social and Cultural Studies: Method and Theory (C) | 3 | C | <ul style="list-style-type: none"> • IAS 300 (3 credit hours) is required for all transfer students; elective credit hours may need adjustment. If transfer student, please see your academic advisor. • Completion of HRC 310 with a C or better fulfills 3 credit hours of the New College Language and Cultures requirement. • Thinking of grad school? Consider registering for a grad school test prep course. • Develop your professional online presence. |
|  Complete 2 courses: Upper Division Women and Gender Studies Elective | 6 | C | |
| Statistics or Quantitative Methods Electives | 3 | C | |
| Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  Complete 3 courses: Upper Division Women and Gender Studies Elective | 9 | C | <ul style="list-style-type: none"> • Use Handshake to research employment opportunities. • Complete an in person or virtual practice interview. |
| Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used. | 3 | C | |
| Elective | 3 | | |
|  Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  Complete 2 courses: Upper Division Women and Gender Studies Elective | 6 | C | <ul style="list-style-type: none"> • Gather professional references. |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Elective OR WST 484: Internship | 3 | | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| | | Minimum | |
|--|--|---------|--|
|--|--|---------|--|

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Grade | Notes |
|---|-------|-------|---|
| ★ HRC 480: Capstone: Practices and Approaches (L) | 3 | C | • Apply for full-time career opportunities. |
| ★ Complete 2 courses: | | | |
| Upper Division Women and Gender Studies Elective | 6 | C | |
| Statistics or Quantitative Methods Electives | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 15 | | |

- For Women and Gender Studies Electives, students must choose courses from the Women and Gender Studies Electives course list. Other courses must be approved by an academic advisor before enrollment. No course may be used to satisfy more than one requirement in the major.

Hide Course List(s)/Track Group(s)

| Women and Gender Studies Electives | Statistics or Quantitative Methods Electives |
|--|---|
| AMS 332: Studies in Race and Ethnicity | PSY 230: Introduction to Statistics (CS) |
| AMS 428: Peoples and Cultures of the American West to 1848 (SB & H) | PSY 290: Research Methods (L or SG) |
| COM 316: Gender and Communication (SB & C) | SBS 303: Quantitative Methods |
| COM 416: Gender and Race in the Media | SBS 304: Social Statistics I (CS) |
| ENG 363: Transborder Mexican and Chicano/a Literature of Southwest North America ((L or HU) & C) | STP 226: Elements of Statistics (CS) |
| ENG 454: Gender and Literature (L or HU) | STP 420: Introductory Applied Statistics (CS) |
| ENG 455: Contemporary Women Writers | |
| ENG 461: Studies in Women and Literature (HU) | |
| ENG 462: Africana Literature (HU & G) | |
| HST 328: Women in U.S. History 1880-1980 ((HU or SB) & C & H) | |
| HST 419: 20th Century Chicano/a History (C) | |
| SBS 301: Cultural Diversity ((L or SB) & C) | |
| SOC 426: Social Inequality (SB) | |
| WST 220: Gender Media and Culture (HU & C) | |
| WST 333: Critical Perspectives on Sexuality (SB & C) | |
| WST 341: Latin American Women Writers or LAS 340: Latin American Women Writers | |
| WST 370: Chronicling Women's Lives (HU & C) | |

WST 376: Feminist Theory (H & C)

WST 380: Race Gender and Class (SB & C)

WST 390: Women Gender and Religion (HU & G) or REL 390: Women Gender and Religion (HU & G)

WST 428: Gender Madness and Justice (SB)

WST 430: Gender on the Borderlands (SB & G)

WST 433: Race and Sexualities in Social Justice Movements or ETH 433: Race and Sexualities in Social Justice Movements

WST 444: Gender Health and Bodies (SB)

WST 449: Hate Speech Manifestos and Radical Writings (SB & C)

WST 457: Women Cultures and Societies (SB & G)

WST 469: Abject Bodies and the Politics of Trash (SB & C)

WST 473: Indigenous and Latina/Chicana Representation (SB & C)

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.









2020 - 2021 Major Map

Digital Audiences, BS

School/College: Walter Cronkite School of Journalism & Mass Comm

Location: Online



CSDIGABS



| Term 1 - A 0 - 7 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  MCO 120: Media and Society (SB) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • ASU 101 or College specific equivalent First Year Seminar required of all first-year students |
| ASU 101-UC: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| Term hours subtotal: | 7 | | |
| Term 1 - B 7 - 13 Credit Hours | Hours | Minimum Grade | Notes |
| Humanities, Arts and Design (HU) | 3 | | <ul style="list-style-type: none"> • Students interested in pursuing graduate programs in Digital Audiences should consult their academic adviser • View ASU Online first-year students registration information here |
| Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 6 | | |
| Term 2 - A 13 - 20 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  MCO 102: Fundamentals of Coding | 1 | C | <ul style="list-style-type: none"> • Create a first draft resume |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| Elective | 3 | | |
| Term hours subtotal: | 7 | | |
| Term 2 - B 20 - 26 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
| MAT 142: College Mathematics (MA) OR Mathematics (MA) | 3 | | <ul style="list-style-type: none"> • Mathematics Placement Assessment score determines placement in mathematics course |
| Mass Communication Elective | 3 | C | |
|  Complete ENG 101 or ENG 105 or ENG 107 course(s). | | | |
| Term hours subtotal: | 6 | | |
| Term 3 - A 26 - 33 Credit Hours | Hours | Minimum Grade | Notes |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| Term hours subtotal: | 7 | | |
| Term 3 - B 33 - 39 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Historical Awareness (H) | 3 | | |
|  Complete First-Year Composition requirement. | | | |



 Complete Mathematics (MA) requirement.

Term hours subtotal: 6

| Term 4 - A 39 - 45 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 2 | | |
| Term hours subtotal: | 6 | | |

| Term 4 - B 45 - 51 Credit Hours  Critical course signified by | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  Literacy and Critical Inquiry (L) | 3 | | <ul style="list-style-type: none"> Develop your professional online presence |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 6 | | |



| Term 5 - A 51 - 57 Credit Hours  Necessary course signified by | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  MCO 307: The Digital Audience | 3 | C | <ul style="list-style-type: none"> Due to course equivalency issues, students interested in pursuing graduate programs in Digital Audiences should consult their academic adviser |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - B 57 - 63 Credit Hours  Necessary course signified by | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  MCO 436: Audience Research and Behavior | 3 | C | <ul style="list-style-type: none"> Due to course equivalency issues, students interested in pursuing graduate programs in Digital Audiences should consult their academic adviser |
| Global Awareness (G) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - A 63 - 69 Credit Hours | Hours | Minimum Grade | Notes |
|---------------------------------|-------|---------------|--|
| Social-Behavioral Sciences (SB) | 3 | | <ul style="list-style-type: none"> Use Handshake to research employment opportunities |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 69 - 75 Credit Hours  Necessary course signified by | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|  MCO 437: Audience Acquisition and Engagement | 3 | C | |
| Elective | 3 | | |
|  Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 7 - A 75 - 81 Credit Hours | Hours | Minimum Grade | Notes |
|----------------------------------|-------|---------------|---|
| Humanities, Arts and Design (HU) | 3 | | <ul style="list-style-type: none"> Complete an in person or virtual practice interview |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 81 - 87 Credit Hours  Necessary course signified by | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  Upper Division Mass Communication Elective | 3 | C | |

| | |
|-------------------------|---|
| Upper Division Elective | 3 |
| Term hours subtotal: | 6 |

| Term 8 - A 87 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ MCO 438: Digital Audience Analysis | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 93 - 99 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|----------------------------------|
| Upper Division Literacy and Critical Inquiry (L) | 3 | | • Gather professional references |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - A 99 - 105 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - B 105 - 111 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ MCO 439: Digital Audience Growth | 3 | C | • Apply for full-time career opportunities |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 10 - A 111 - 117 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ Upper Division Mass Communication Elective | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 10 - B 117 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ Upper Division Mass Communication Elective | 3 | C | |
| Term hours subtotal: | 3 | | |

Hide Course List(s)/Track Group(s)

- Mass Communication Electives
- MCO 101: Everyday Grammar
- MCO 240: Media Issues in American Pop Culture
- MCO 302: Media Research Methods
- MCO 335: Social Media
- MCO 366: Media Ethics and Diversity

MCO 403: Media Law

MCO 418: History of Mass Communication
(SB & H)

MCO 425: Digital Media Literacy I

MCO 426: Digital Media Literacy II

MCO 430: International Mass Communication
(G)

MCO 450: Visual Communication (HU)

MCO 456: Political Communication (SB)

MCO 460: Race Gender and Media (C)

MCO 465: Sports and Media

MCO 470: Exploring the Business of
Journalism

MCO 473: Sex Love and Romance in the
Mass Media (SB)

MCO 494: Special Topics

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.





2020 - 2021 Major Map





Journalism and Mass Communication, BA


School/College: Walter Cronkite School of Journalism & Mass Comm

Location: Downtown Phoenix campus

CSJMCBA

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  JMC 101: Grammar for Journalists | 1 | B- | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determined placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year and transfer students • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students should take a placement exam. |
|  JMC 110: Principles and History of Journalism (SB) | 3 | C | |
| ASU 101-CS: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| JMC 102: Coding for Journalists | 1 | C | |
| MAT 142: College Mathematics (MA) OR Mathematics (MA) | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
|  Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  JMC 201: News Reporting and Writing (L) | 3 | C | <ul style="list-style-type: none"> • Select your career interest area and play me3@ASU • Develop your professional online presence |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| JMC 305: Multimedia Journalism | 3 | C | |
| Computer/Statistics/Quantitative Applications (CS) AND Statistics Course | 3 | | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 48 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| JMC 366: Journalism Ethics and Diversity | 3 | C | <ul style="list-style-type: none"> • Students interested in Public Relations should contact their academic adviser to review course recommendations. • Courses you are taking now will impact your eligibility for certain Professional Programs. Please consult with your academic adviser to make sure you are on the right track to achieve your goal. |
| ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB) | 3 | | |
| POS 110: American Government and Politics (SB) OR POS 310: American National Government (SB) | 3 | | |
| Philosophy Course AND Humanities, Arts and Design (HU) | 3 | | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |

❗ Complete First-Year Composition requirement.

❗ Complete Mathematics (MA) requirement.

❗ Minimum 2.50 GPA ASU Cumulative.

Term hours subtotal: 16

| Term 4 48 - 64 Credit Hours Critical course signified by ❗ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ❗ JMC 301: Intermediate Reporting and Writing (L) | 3 | C | |
| ❗ JMC 313: Introduction to Editing OR JMC 345: Videography OR JMC 448: Non-Narrative Video Storytelling | 3 | C | <ul style="list-style-type: none">• Related Area courses must be approved by an academic adviser• Explore careers and internship opportunities through Cronkite Career Services |
| SOC 101: Introductory Sociology (SB) OR PSY 101: Introduction to Psychology (SB) | 3 | | |
| Related Area Course | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. AND Global Awareness (G) | 4 | C | |
| ❗ Complete JMC 305 AND JMC 366 course(s). | | | |
| ❗ Minimum 2.50 GPA ASU Cumulative. | | | |

Term hours subtotal: 16

| Term 5 64 - 80 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| MCO Upper Division Elective | 3 | C | <ul style="list-style-type: none">• Thinking about graduate school? Consider registering for a grad school test prep course. |
| U.S. History Course AND Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |

Term hours subtotal: 16

| Term 6 80 - 96 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ JMC 473: The Business and Future of Journalism OR JMC 310: Public Relations | 3 | C | <ul style="list-style-type: none">• Students following Public Relations track should enroll in JMC 310; all others should enroll in JMC 473• Advanced Skills course should be selected in consultation with academic adviser |
| ★ Upper Division Advanced Skills Course | 3 | C | |
| JMC 484: Internship | 3 | Y | |
| Related Area Course | 3 | C | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Historical Awareness (H) AND Global Awareness (G) course(s). | | | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |

Term hours subtotal: 16

| Term 7 96 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|---|----|---|
| ★ JMC 402: Mass Communication Law | 3 | C |
| ★ Upper Division Advanced Skills Course | 3 | C |
| JMC OR MCO Upper Division Elective | 3 | C |
| Related Area Course | 3 | C |
| ★ Minimum 2.50 GPA ASU Cumulative. | | |
| Term hours subtotal: | 12 | |

- Professional Programs require placement and can be completed in fall or spring. Consult with your academic adviser to review your eligibility for certain programs.
- Students interested in additional Professional Program credit can apply it toward their Upper Division Advanced Skills Course credit. Consult with your academic adviser for more information.
- Related Area courses must be approved by an academic adviser

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ Upper Division Professional Program | 3 | C | <ul style="list-style-type: none"> • Related Area courses must be approved by an academic adviser • Complete an in person or virtual practice interview |
| JMC OR MCO Upper Division Elective | 3 | C | |
| Related Area Course | 3 | C | |
| Upper Division Elective | 3 | | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 12 | | |

- Advanced Skills course should be selected in consultation with academic adviser

Hide Course List(s)/Track Group(s)

| Statistics (CS) | Philosophy | U.S. History |
|--|--|---|
| JUS 302: Statistical Analysis for Justice Studies (CS) | HON 171: The Human Event (L or HU) | HST 109: United States to 1865 ((HU or SB) & H) |
| SOC 390: Social Statistics I (CS) | PHI 101: Introduction to Philosophy (HU) | HST 306: Studies in United States History ((HU or SB) & H) |
| STP 226: Elements of Statistics (CS) | PHI 103: Principles of Sound Reasoning (L or HU) | HST 314: American Cultural History Since 1865 ((HU or SB) & H) |
| SWU 321: Statistics for Social Workers (CS) | PHI 105: Intro to Ethics (HU) | HST 327: Women in U.S. History 1600 to 1880 ((HU or SB) & C & H) |
| | PHI 306: Applied Ethics (HU) | HST 328: Women in U.S. History 1880-1980 ((HU or SB) & C & H) |
| | | HST 334: African American History Since 1865 ((HU or SB) & C & H) |
| | | HST 337: American Indian History to 1900 ((HU or SB) & C & H) |
| | | HST 338: American Indian History since 1900 ((HU or SB) & C & H) |
| Advanced Skills Courses | | |
| JMC 320: Newscast Producing | | |
| JMC 330: Television Reporting | | |

JMC 333: Advanced Bilingual Broadcast Reporting

JMC 351: Photojournalism I

JMC 412: Opinion Writing

JMC 413: Advanced Editing

JMC 414: Digital Graphic Design

JMC 415: Writing for Public Relations

JMC 421: Advanced Digital Storytelling

JMC 430: Sports Marketing and Campaigns

JMC 434: Advanced Bilingual Reporting

JMC 436: Public Relations Research

JMC 437: Documentary Production

JMC 440: Magazine Writing

JMC 451: Photojournalism II

JMC 452: Visual Storytelling

JMC 453: Reporting on Business and the Economy

JMC 455: Digital Media Entrepreneurship

JMC 457: Advanced Radio Reporting

JMC 460: Advanced Online Media

JMC 465: Telling Stories with Data

JMC 470: Depth Reporting

JMC 476: Public Relations Laboratory

JMC 477: New Media Innovation and Entrepreneurship Lab

JMC 478: Cronkite News - Phoenix

JMC 478: Cronkite News: Los Angeles

JMC 479: Cronkite News: Washington Bureau

JMC 480: Cronkite News: Phoenix Sports Bureau

JMC 481: Cronkite News: Los Angeles Sports Bureau

JMC 485: Television Magazine

JMC 486: Digital Audiences Lab

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)

Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.

2020 - 2021 Major Map











Journalism and Mass Communication, BA

School/College: [Walter Cronkite School of Journalism & Mass Comm](#)

Location:
CSJMCBA

and
Graphic
Information
Technology,
BS

[Ira A. Fulton Schools of Engineering](#)
TSGITBS







| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  GIT 135: Graphic Communications | 3 | | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. |
|  JMC 101: Grammar for Journalists | 1 | Y | |
|  JMC 110: Principles and History of Journalism (SB) | 3 | C | |
| ASU 101-CS: The ASU Experience | 1 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| JMC 102: Coding for Journalists | 1 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
|  Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |
| | | | |
| Term 2 16 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  GIT 210: Creative Thinking and Design Visualization | 3 | | <ul style="list-style-type: none"> • Create a first draft resume • Select your career interest community and play me3@ASU |
|  JMC 201: News Reporting and Writing (L) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 170: Precalculus (MA) | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |
| | | | |
| Summer 2 32 - 39 Credit Hours | Hours | Minimum Grade | |
| STP 226: Elements of Statistics (CS) | 3 | | |





Natural Science - Quantitative (SQ)




4


Term hours subtotal: 7

- Build your professional connections -- join the [ASU Mentor Network](#)

| Term 3 39 - 55 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  GIT 230: Digital Illustration in Publishing | 3 | | <ul style="list-style-type: none"> • Develop your professional online presence |
|  JMC 305: Multimedia Journalism | 3 | C | |
| JMC 351: Photojournalism I | 3 | C | |
| JMC 366: Journalism Ethics and Diversity | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
|  Complete First-Year Composition requirement. | | | |
|  Complete Mathematics (MA) requirement. | | | |
|  Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 55 - 71 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  GIT 215: Introduction to Web Authoring | 3 | | <p>For Focus Area Courses, students must select one of the following focus areas:</p> <ul style="list-style-type: none"> • Front-End Web Design and Development • Game Art & Animation • Digital Design, Print and Publishing • Commercial Photography and Video <p>All 12 hours of focus area courses must be taken from the same focus area.</p> |
|  JMC 301: Intermediate Reporting and Writing (L) | 3 | C | |
| GIT 250: Introduction to Commercial Print | 3 | | |
| JMC 345: Videography | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. AND Global Awareness (G) | 4 | C | |
|  Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 5 71 - 89 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  GIT 303: Digital Publishing | 3 | | <ul style="list-style-type: none"> • Develop your skills |
| GIT 384: Commercial Photography | 3 | | |
| JMC 414: Digital Graphic Design | 3 | C | |
| GIT Focus Area Course | 3 | | |
| Philosophy Course AND Humanities, Arts and Design (HU) | 3 | | |
| U.S. History Course AND Humanities, Arts and Design (HU) AND Historical Awareness (H) AND Cultural Diversity in the U.S. (C) | 3 | | |
|  Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 18 | | |

| Term 6 89 - 102 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  Upper Division Journalism and Mass Communication Major Elective | 3 | C | <ul style="list-style-type: none"> • Explore an internship |
| JMC 473: The Business and Future of Journalism | 3 | C | |
| GIT Focus Area Course | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

★ Minimum 2.50 GPA ASU Cumulative.

Term hours subtotal: 13

| Term 7 102 - 117 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|----------------------------------|
| ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB) | 3 | | • Gather professional references |
| GIT 314: Multimedia Design, Planning and Storyboards | 3 | | |
| JMC 484: Internship | 3 | Y | |
| PSY 101: Introduction to Psychology (SB) OR SOC 101: Introductory Sociology (SB) | 3 | | |
| GIT Focus Area Course | 3 | | |

★ Minimum 2.50 GPA ASU Cumulative.

Term hours subtotal: 15

| Term 8 117 - 132 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ GIT 432: Graphic Industry Business Practices | 3 | | |
| ★ JMC 477: New Media Innovation and Entrepreneurship Lab | 3 | C | |
| JMC 402: Mass Communication Law | 3 | C | |
| POS 310: American National Government (SB) | 3 | | |
| GIT Focus Area Course | 3 | | |

★ Minimum 2.50 GPA ASU Cumulative.

Term hours subtotal: 15

- For Focus Area Courses, students must select one of the following focus areas:
 - Front-End Web Design and Development
 - Game Art & Animation
 - Digital Design, Print and Publishing
 - Commercial Photography and Video

All 12 hours of focus area courses must be taken from the same focus area.

Hide Course List(s)/Track Group(s)

| Philosophy Course | U.S. History Course | Journalism & Mass Communication Upper Division Major Elective |
|--|---|---|
| HON 171: The Human Event (L or HU) | HST 327: Women in U.S. History 1600 to 1880 ((HU or SB) & C & H) | JMC 451: Photojournalism II |
| PHI 101: Introduction to Philosophy (HU) | HST 328: Women in U.S. History 1880-1980 ((HU or SB) & C & H) | JMC 455: Digital Media Entrepreneurship |
| PHI 103: Principles of Sound Reasoning (L or HU) | HST 334: African American History Since 1865 ((HU or SB) & C & H) | JMC 460: Advanced Online Media |
| PHI 105: Intro to Ethics (HU) | HST 337: American Indian History to 1900 ((HU or SB) & C & H) | MCO 425: Digital Media Literacy I |
| PHI 306: Applied Ethics (HU) | HST 338: American Indian History since 1900 ((HU or SB) & C & H) | |

| | | |
|---|---|--|
| GIT Focus Area: Front-End Web Design and Development | GIT Focus Area: Game Art & Animation | GIT Focus Area: Digital Design Print and Publishing |
| GIT 337: Web Content Design | GIT 211: Introduction to Video Game Art | GIT 333: Printing Technology |
| GIT 340: Information Design and Usability | GIT 312: 3-D Computer Graphics Modeling and Representation (CS) | GIT 334: Image Editing and Manipulation |
| GIT 402: New Media Internet Technologies | GIT 411: Computer Animation | GIT 437: Color Reproduction Systems |
| GIT 414: Web Site Design and Internet/Web Technologies | GIT 450: Digital Workflow in Graphic Industries | GIT 450: Digital Workflow in Graphic Industries |
| GIT 417: Advanced Web Markup and Scripting | GIT 494: Special Topics | GIT 494: Special Topics |
| GIT 418: Multimedia Authoring Scripting and Production | | TWC 411: Principles of Visual Communication (L) |
| GIT 435: Website and E-Commerce Strategies | | |
| GIT 450: Digital Workflow in Graphic Industries | | |
| GIT 494: Special Topics | | |
| GIT Focus Area: Commercial Photography and Video | | |
| GIT 295: Introduction to Technical Imaging | | |
| GIT 315: Digital Video Techniques | | |
| GIT 334: Image Editing and Manipulation | | |
| GIT 415: Advanced Digital Video Techniques | | |
| GIT 450: Digital Workflow in Graphic Industries | | |
| GIT 490: Advanced Commercial Photography | | |
| GIT 494: Special Topics | | |

Total Hours: 132

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.

2020 - 2021 Major Map

Journalism and Mass Communication, BA

School/College: Walter Cronkite School of Journalism & Mass Comm

Location:
CSJMCBA

and














Geography

(Meteorology-Climatology),

BS

The College of Liberal Arts and Sciences

LAGCUMBS

| Term 1 0 - 17 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes | |
|--|-------|---------------|---|-------|
|  JMC 101: Grammar for Journalists | 1 | B- | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students should take a placement exam, regardless of prior credit earned. | |
|  JMC 110: Principles and History of Journalism (SB) | 3 | C | | |
|  MAT 170: Precalculus (MA) | 3 | C | | |
| ASU 101-CS: The ASU Experience | 1 | | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | | |
| JMC 102: Coding for Journalists | 1 | C | | |
| JMC 120: Studio Production | 1 | C | | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | | |
|  Minimum 2.50 GPA ASU Cumulative. | | | | |
| Term hours subtotal: | 17 | | | |
| Term 2 17 - 35 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes | |
|  GPH 111: Introduction to Physical Geography (SQ) | 3 | C | <ul style="list-style-type: none"> • Select your career interest area and play me3@ASU | |
|  GPH 112: Introduction to Physical Geography Lab (SQ) | 1 | C | | |
|  JMC 201: News Reporting and Writing (L) | 3 | C | | |
|  MAT 270: Calculus with Analytic Geometry I (MA) | 4 | C | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | | |
|  Minimum 2.50 GPA ASU Cumulative. | | | | |
| Term hours subtotal: | 18 | | | |
| Term 3 35 - 53 Credit Hours Critical course signified by  | Hours | Minimum Grade | | Notes |

| | | |
|--|----|---|
| ❖ JMC 305: Multimedia Journalism | 3 | C |
| ❖ MAT 271: Calculus with Analytic Geometry II (MA) | 4 | C |
| ❖ PHY 121: University Physics I: Mechanics (SQ) AND PHY 122: University Physics Laboratory I (SQ) | 4 | C |
| JMC 366: Journalism Ethics and Diversity | 3 | C |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C |
| ❖ Complete First-Year Composition requirement. | | |
| ❖ Minimum 2.50 GPA ASU Cumulative. | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 18 | |

- Develop your **professional online presence**
- Develop your **skills**

| Term 4 53 - 71 Credit Hours Critical course signified by ❖ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ❖ JMC 301: Intermediate Reporting and Writing (L) | 3 | C | |
| ❖ MAT 272: Calculus with Analytic Geometry III (MA) | 4 | C | |
| ❖ PHY 131: University Physics II: Electricity and Magnetism (SQ) AND PHY 132: University Physics Laboratory II (SQ) | 4 | C | |
| JMC 345: Videography | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent). AND Global Awareness (G) | 4 | C | |
| ❖ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 18 | | |

- Students should consult with an academic adviser to determine a journalism path and appropriate course selections for JMC Advanced Skill courses.

| Term 5 71 - 87 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ JMC 330: Television Reporting | 3 | C | |
| ★ JMC 473: The Business and Future of Journalism | 3 | C | |
| GPH 212: Introduction to Meteorology (SQ) | 3 | C | |
| GPH 314: Global Change (HU & G) OR Upper Division Science and Society Elective | 3 | | |
| GPH 409: Synoptic Meteorology I | 4 | C | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

- GPH 409 is offered once every two years--during the Fall semester of odd-numbered years (so it may be a Term 7 course)
- The Science and Society course list is found [here](#).
- Explore an **internship**

| Term 6 87 - 103 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ JMC 484: Internship | 3 | Y | |
| GPH 213: Climate and Weather (SG) OR Science and Society Elective | 3 | C | |
| GPH 410: Synoptic Meteorology II | 4 | C | |
| GPH 412: Physical Meteorology | 3 | C | |
| Upper Division JMC Advanced Skills Course | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |

- GPH 410 is offered once every two years--during the Spring semester of even-numbered years (so it may be a Term 8 course)
- GPH 412 is offered once every two years--during the Spring semester of even-numbered years (so it may be a Term 8 course)
- Advanced Skills Course should be selected in consultation with your academic advisor

★ Minimum 2.50 GPA ASU Cumulative.

• The Science and Society course list is found [here](#).

Term hours subtotal: 16

| Term 7 103 - 121 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ JMC 478: Cronkite News: Phoenix Bureau | 3 | C | <ul style="list-style-type: none"> • GPH 474 is offered once every two years--during the Fall semester of even-numbered years (so it may be a Term 5 course) • Complete an in person or virtual practice interview |
| GIS 270: Statistics for Geography and Planning | 3 | C | |
| GPH 474: Dynamic Meteorology I | 3 | C | |
| POS 110: American Government and Politics (SB) OR POS 310: American National Government (SB) | 3 | | |
| SOC 101: Introductory Sociology (SB) OR PSY 101: Introduction to Psychology (SB) | 3 | | |
| U.S. History Course AND Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | | 18 | |

| Term 8 121 - 139 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ GPH 475: Dynamic Meteorology II | 3 | C | <ul style="list-style-type: none"> • GPH 475 is offered once every two years--during the Spring semester of odd-numbered years (so it may be a Term 6 course) |
| ★ JMC OR MCO Upper Division Elective | 3 | C | |
| ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB) | 3 | | |
| GIS 205: Geographic Information Science I (CS) | 3 | C | |
| JMC 402: Mass Communication Law | 3 | C | |
| Philosophy Course AND Humanities, Arts and Design (HU) | 3 | | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | | 18 | |

- Advanced Skills course should be selected in consultation with academic advisor.
- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

| Philosophy | U.S. History | Advanced Skills Courses |
|--|---|---|
| HON 171: The Human Event (L or HU) | HST 327: Women in U.S. History 1600 to 1880 ((HU or SB) & C & H) | JMC 320: Newscast Producing |
| PHI 101: Introduction to Philosophy (HU) | HST 328: Women in U.S. History 1880-1980 ((HU or SB) & C & H) | JMC 351: Photojournalism I |
| PHI 103: Principles of Sound Reasoning (L or HU) | HST 334: African American History Since 1865 ((HU or SB) & C & H) | JMC 414: Digital Graphic Design |
| PHI 105: Intro to Ethics (HU) | | JMC 421: Advanced Digital Storytelling |
| PHI 306: Applied Ethics (HU) | | JMC 430: Sports Marketing and Campaigns |
| | | JMC 434: Advanced Bilingual Reporting |

HST 337: American Indian History to 1900
(HU or SB) & C & H

HST 338: American Indian History since 1900
(HU or SB) & C & H

JMC 437: Documentary Production

JMC 451: Photojournalism II

JMC 452: Visual Storytelling

JMC 453: Reporting on Business and the
Economy

JMC 455: Digital Media Entrepreneurship

JMC 457: Advanced Radio Reporting

JMC 460: Advanced Online Media

JMC 465: Telling Stories with Data

JMC 470: Depth Reporting

JMC 477: New Media Innovation and
Entrepreneurship Lab

JMC 478: Cronkite News: Los Angeles

JMC 478: Cronkite News: Phoenix Bureau

JMC 479: Cronkite News: Washington Bureau

JMC 480: Cronkite News: Phoenix Sports
Bureau

JMC 481: Cronkite News: Los Angeles Sports
Bureau

JMC 485: Television Magazine

JMC 486: Digital Audiences Lab

Total Hours: 139

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.

2020 - 2021 Major Map

Journalism and Mass Communication, BA

School/College: Walter Cronkite School of Journalism & Mass Comm

Location: ,

CSJMCBA

and

Transborder

Chicana/o

and

Latina/o

Studies

(Media and





Expressive



Culture),

BA

The College of Liberal Arts and Sciences

LATCLMBA

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  JMC 101: Grammar for Journalists | 1 | B- | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Majors are expected to fulfill The College's language requirement in Spanish. In addition, all majors must demonstrate proficiency in Spanish by passing an upper-division Spanish course. • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. |
|  JMC 110: Principles and History of Journalism (SB) | 3 | C | |
| ASU 101-CS: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| JMC 102: Coding for Journalists | 1 | C | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of Spanish SPA language course at the intermediate level (202 or equivalent). | 4 | C | |
|  Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  JMC 201: News Reporting and Writing (L) | 3 | C | <ul style="list-style-type: none"> • Select your career interest communities and play me3@ASU • Develop your professional online presence |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| JMC 305: Multimedia Journalism | 3 | C | |
| STP 226: Elements of Statistics (CS) | 3 | | |
| | | | |

Second Language: Requirement satisfied through the following: 4 C
 * Completion of Spanish SPA language course at the intermediate level (202 or equivalent).

❖ Complete ENG 101 OR ENG 105 OR ENG 107 course(s).

❖ Minimum 2.50 GPA ASU Cumulative.

Term hours subtotal: 16

| Term 3 32 - 48 Credit Hours Critical course signified by ❖ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

❖ JMC 366: Journalism Ethics and Diversity 3 C

❖ TCL 201: Transborder Society and Culture I: Interdisciplinary Approaches (HU & C) 3 C

❖ TCL 220: Transborder Latina/o Expressive Culture ((L or HU or SB) & C) 3 C

PSY 101: Introduction to Psychology (SB) OR SOC 101: Introductory Sociology (SB) 3

Second Language: Requirement satisfied through the following: 4 C
 * Completion of Spanish SPA language course at the intermediate level (202 or equivalent).

❖ Complete First-Year Composition requirement.

❖ Complete Mathematics (MA) requirement.

❖ Minimum 2.50 GPA ASU Cumulative.

Term hours subtotal: 16

| Term 4 48 - 65 Credit Hours Critical course signified by ❖ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

❖ JMC 301: Intermediate Reporting and Writing (L) 3 C

❖ TCL 202: Transborder Society and Culture II: Contemporary Issues (SB & C) 3 C

JMC 313: Introduction to Editing OR JMC 345: Videography OR JMC 448: Non-Narrative Video Storytelling 3 C

Second Language: Requirement satisfied through the following: 4 C
 * Completion of Spanish SPA language course at the intermediate level (202 or equivalent) that has a Global Awareness (G) designation..

Natural Science - Quantitative (SQ) 4

❖ Minimum 2.50 GPA ASU Cumulative.

Term hours subtotal: 17

| Term 5 65 - 81 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

★ JMC 473: The Business and Future of Journalism 3 C

★ TCL 303: Transborder Theory (SB) OR SOC 303: Transborder Theory (SB) 3 C

JMC 435: Latino and Transnational Issues 3 C

TCL 332: Mexican American History Since 1900 (SB & H & C) OR HST 332: Mexican American History Since 1900 (SB & H & C) 3 C

Natural Science - Quantitative (SQ) OR Natural Science - General (SG) 4

★ Minimum 2.50 GPA ASU Cumulative.

• Build your professional connections -- join the ASU Mentor Network

• Complete Spanish language proficiency by end of semester 4 for The College requirement. Completion of SPA 201 or SPA 202 can be used to satisfy Global Awareness (G) General Studies requirement.
 • Students should consult with an academic advisor to determine a journalism path and appropriate course selections for Professional Program Courses and JMC Advanced Skill courses.

• Students should consult with an academic advisor to determine a journalism path and appropriate course selections for Professional Program Courses and JMC Advanced Skill courses.

Term hours subtotal: 16

| Term 6 81 - 99 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ JMC 402: Mass Communication Law | 3 | C | • Explore an internship |
| ★ TCL 304: Transborder Research Methods (SB & C) | 3 | C | |
| JMC 470: Depth Reporting | 3 | C | |
| POS 110: American Government and Politics (SB) OR POS 310: American National Government (SB) | 3 | | |
| Media and Expressive Culture Track Course | 3 | C | |
| SPA Upper Division Elective | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |

Term hours subtotal: 18

| Term 7 99 - 114 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ TCL 305: Transborder Practicum and Field Research | 3 | C | • Gather professional references |
| JMC 484: Internship | 3 | Y | |
| Upper Division JMC Advanced Skills Course | 3 | C | |
| Media and Expressive Culture Track Course | 3 | C | |
| Philosophy Course AND Humanities, Arts and Design (HU) | 3 | | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |

Term hours subtotal: 15

| Term 8 114 - 129 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ TCL 498: Pro-Seminar | 3 | C | <ul style="list-style-type: none"> • Professional programs require placement. Please consult your academic advisor. • Apply for full-time career opportunities. |
| ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB) | 3 | | |
| Complete 2 courses: Media and Expressive Culture Track Course | 6 | C | |
| Professional Program Course | 3 | C | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |

Term hours subtotal: 15

- Students must complete a three credit hour JMC Advanced Skills Course and a three credit hour JMC Professional Program Course chosen in consultation with an academic advisor from the Cronkite School of Journalism and Mass Communication.
- Students must complete 15 credit hours from the Media and Expressive Culture Track.

Hide Course List(s)/Track Group(s)

| | | |
|--|--|-------------------------------|
| Philosophy Course | Professional Program Courses | JMC Advanced Skills Course |
| HON 171: The Human Event (L or HU) | JMC 477: New Media Innovation and Entrepreneurship Lab | JMC 320: Newscast Producing |
| PHI 101: Introduction to Philosophy (HU) | | JMC 330: Television Reporting |

| | | |
|--|---|--|
| PHI 103: Principles of Sound Reasoning (L or HU) | JMC 478: Cronkite News: Los Angeles | JMC 333: Advanced Bilingual Broadcast Reporting |
| PHI 105: Intro to Ethics (HU) | JMC 478: Cronkite News: Phoenix Bureau | JMC 351: Photojournalism I |
| PHI 306: Applied Ethics (HU) | JMC 479: Cronkite News: Washington Bureau | JMC 413: Advanced Editing |
| | JMC 485: Television Magazine | JMC 414: Digital Graphic Design |
| | | JMC 421: Advanced Digital Storytelling |
| | | JMC 430: Sports Marketing and Campaigns |
| | | JMC 434: Advanced Bilingual Reporting |
| | | JMC 437: Documentary Production |
| | | JMC 440: Magazine Writing |
| | | JMC 455: Digital Media Entrepreneurship |
| | | JMC 460: Advanced Online Media |
| | | JMC 465: Telling Stories with Data |
| | | JMC 477: New Media Innovation and Entrepreneurship Lab |
| | JMC 478: Cronkite News: Los Angeles | |
| | JMC 478: Cronkite News: Phoenix Bureau | |
| | JMC 479: Cronkite News: Washington Bureau | |
| | JMC 485: Television Magazine | |
| | JMC 486: Digital Audiences Lab | |

Media and Expressive Culture Track

| |
|--|
| TCL 211: Latinx Poetics (HU & C) |
| TCL 310: Folklore of the Southwest (HU & C) |
| TCL 328: U.S. Latino Religion and Culture (HU & C) |
| TCL 331: Mexican American History to 1900 (SB & H & C) |
| TCL 335: Historical Studies in Race Crime and the Law |
| TCL 350: Mexican and Chicana/o Artistic Production (HU & C & G) |
| TCL 351: Chicana/o and Latina/o Art (HU & C) |
| TCL 352: Chicana/o Film (C) |
| TCL 363: Transborder Mexican and Chicano/a Literature of Southwest North America ((L or HU) & C) |
| TCL 370: Signs of Aliens: Semiotics of Film and Popular Culture (HU) |

TCL 464: Latina/o Literature ((L or HU) & C)

TCL 471: Latinos In Hollywood (HU & C)

TCL 484: Internship

TCL 485: Chicana and Latina Writers ((L or HU) & C)

TCL 490: Transborder Queer Performativity (HU & C)

Total Hours: 129

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.

2020 - 2021 Major Map

Journalism and Mass Communication, BA

School/College: Walter Cronkite School of Journalism & Mass Comm

Location:
CSJMCBA

and

Transborder

Chicana/o

and Latina/o

Studies

(Transborder

Community





Development



and Health),

BA

The College of Liberal Arts and Sciences

LATCLTBA

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  JMC 101: Grammar for Journalists | 1 | B- | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Majors are expected to fulfill The College's language requirement in Spanish. In addition, all majors must demonstrate proficiency in Spanish by passing an upper-division Spanish course. • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. |
|  JMC 110: Principles and History of Journalism (SB) | 3 | C | |
| ASU 101-CS: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| JMC 102: Coding for Journalists | 1 | C | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of Spanish SPA language course at the intermediate level (202 or equivalent). | 4 | C | |
|  Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  JMC 201: News Reporting and Writing (L) | 3 | C | <ul style="list-style-type: none"> • Select your career interest area and play me3@ASU • Develop your professional online presence |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| JMC 305: Multimedia Journalism | 3 | C | |
| STP 226: Elements of Statistics (CS) | 3 | | |

Second Language: Requirement satisfied through the following: 4 C
 * Completion of Spanish SPA language course at the intermediate level (202 or equivalent).

❖ Complete ENG 101 OR ENG 105 OR ENG 107 course(s).

❖ Minimum 2.50 GPA ASU Cumulative.

Term hours subtotal: 16

| Term 3 32 - 48 Credit Hours Critical course signified by ❖ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ❖ JMC 366: Journalism Ethics and Diversity | 3 | C | <ul style="list-style-type: none"> • Build your professional connections -- join the ASU Mentor Network |
| ❖ TCL 201: Transborder Society and Culture I: Interdisciplinary Approaches (HU & C) | 3 | C | |
| PSY 101: Introduction to Psychology (SB) OR SOC 101: Introductory Sociology (SB) | 3 | | |
| Transborder Community Development and Health Track Course | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of Spanish SPA language course at the intermediate level (202 or equivalent). | 4 | C | |
| ❖ Complete First-Year Composition requirement. | | | |
| ❖ Complete Mathematics (MA) requirement. | | | |
| ❖ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 48 - 65 Credit Hours Critical course signified by ❖ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ❖ JMC 301: Intermediate Reporting and Writing (L) | 3 | C | <ul style="list-style-type: none"> • Complete Spanish language proficiency by end of semester 4 for The College requirement. Completion of SPA 201 or SPA 202 can be used to satisfy Global Awareness (G) General Studies requirement. • Students should consult with an academic advisor to determine a journalism path and appropriate course selections for Professional Program Courses and JMC Advanced Skill courses. |
| ❖ TCL 202: Transborder Society and Culture II: Contemporary Issues (SB & C) | 3 | C | |
| JMC 313: Introduction to Editing OR JMC 345: Videography OR JMC 448: Non-Narrative Video Storytelling | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of Spanish SPA language course at the intermediate level (202 or equivalent) that has a Global Awareness (G) designation.. | 4 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| ❖ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 17 | | |

| Term 5 65 - 81 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ JMC 473: The Business and Future of Journalism | 3 | C | |
| ★ TCL 303: Transborder Theory (SB) OR SOC 303: Transborder Theory (SB) | 3 | C | |
| JMC 435: Latino and Transnational Issues | 3 | C | |
| TCL 323: Latina/o Health Issues (SB & C) | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| | | Minimum | |
|--|--|---------|--|
|--|--|---------|--|

| Term 6 81 - 99 Credit Hours Necessary course signified by ★ | Hours | Grade | Notes |
|---|-------|-------|--------------------------------|
| ★ JMC 402: Mass Communication Law | 3 | C | • Explore an internship |
| ★ TCL 304: Transborder Research Methods (SB & C) | 3 | C | |
| JMC 470: Depth Reporting | 3 | C | |
| TCL 332: Mexican American History Since 1900 (SB & H & C) OR HST 332: Mexican American History Since 1900 (SB & H & C) | 3 | C | |
| POS 110: American Government and Politics (SB) OR POS 310: American National Government (SB) | 3 | | |
| SPA Upper Division Elective | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | | 18 | |

| Term 7 99 - 114 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ TCL 305: Transborder Practicum and Field Research | 3 | C | • Students should consult with an academic advisor to determine a journalism path and appropriate course selections for Professional Program Courses and JMC Advanced Skill courses. • Gather professional references |
| JMC 484: Internship | 3 | Y | |
| TCL 321: Transborder Community Development and Health OR SOC 320: Transborder Community Development and Health | 3 | | |
| Upper Division JMC Advanced Skills Course | 3 | C | |
| Philosophy Course AND Humanities, Arts and Design (HU) | 3 | | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | | 15 | |

| Term 8 114 - 129 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ TCL 498: Pro-Seminar | 3 | C | • Professional programs require placement. Please consult your academic advisor. • Apply for full-time career opportunities . |
| ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB) | 3 | | |
| Professional Program Course | 3 | C | |
| Complete 2 courses: Transborder Community Development and Health Track Course | 6 | C | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | | 15 | |

- Students must complete a three credit hour JMC Advanced Skills Course and a three credit hour JMC Professional Program Course chosen in consultation with an academic advisor from the Cronkite School of Journalism and Mass Communication.
- Students must complete 15 credit hours from the Transborder Community Development and Health track.

Hide Course List(s)/Track Group(s)

| | | |
|------------------------------------|-----------------------------|--|
| Philosophy Course | JMC Advanced Skills Course | Transborder Community Development and Health Track |
| HON 171: The Human Event (L or HU) | JMC 320: Newscast Producing | TCL 315: Latinx Family Structures (SB) |

| | | |
|--|--|---|
| PHI 101: Introduction to Philosophy (HU) | JMC 330: Television Reporting | TCL 326: Health of Chicanas and Latinas (SB & C) |
| PHI 103: Principles of Sound Reasoning (L or HU) | JMC 333: Advanced Bilingual Broadcast Reporting | TCL 327: Health and Migration (SB) |
| PHI 105: Intro to Ethics (HU) | JMC 351: Photojournalism I | TCL 342: Social Demographics of Latino Populations (SB & C) |
| PHI 306: Applied Ethics (HU) | JMC 413: Advanced Editing | TCL 410: Race Medicine and the Body (L) |
| | JMC 414: Digital Graphic Design | TCL 422: U.S.-Mexico Border Health |
| | JMC 421: Advanced Digital Storytelling | TCL 424: Theory and Practice of Community Development and Health (SB) |
| | JMC 430: Sports Marketing and Campaigns | TCL 443: Political Ecology of the Border (SB & G) |
| | JMC 434: Advanced Bilingual Reporting | TCL 447: Gender Culture and Development ((L or SB) & G) |
| | JMC 437: Documentary Production | TCL 484: Internship |
| | JMC 440: Magazine Writing | |
| | JMC 455: Digital Media Entrepreneurship | |
| | JMC 460: Advanced Online Media | |
| | JMC 465: Telling Stories with Data | |
| | JMC 477: New Media Innovation and Entrepreneurship Lab | |
| | JMC 478: Cronkite News: Los Angeles | |
| | JMC 478: Cronkite News: Phoenix Bureau | |
| | JMC 479: Cronkite News: Washington Bureau | |
| | JMC 485: Television Magazine | |
| | JMC 486: Digital Audiences Lab | |

Professional Program Courses

JMC 477: New Media Innovation and Entrepreneurship Lab

JMC 478: Cronkite News: Los Angeles

JMC 478: Cronkite News: Phoenix Bureau

JMC 479: Cronkite News: Washington Bureau

JMC 485: Television Magazine

JMC 486: Digital Audiences Lab

Total Hours: 129

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.

2020 - 2021 Major Map





Journalism and Mass Communication, BA



School/College: Walter Cronkite School of Journalism & Mass Comm

Location: .
CSJMCBA

and
Transborder
Chicana/o
and
Latina/o
Studies (US
and
Mexican
Regional
Immigration
Policy and
Economy),
BA

The College of Liberal Arts and Sciences
LATCLUBA

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  JMC 101: Grammar for Journalists | 1 | B- | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Majors are expected to fulfill The College's language requirement in Spanish. In addition, all majors must demonstrate proficiency in Spanish by passing an upper-division Spanish course. • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. |
|  JMC 110: Principles and History of Journalism (SB) | 3 | C | |
| ASU 101-CS: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| JMC 102: Coding for Journalists | 1 | C | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of Spanish SPA language course at the intermediate level (202 or equivalent). | 4 | C | |
|  Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  JMC 201: News Reporting and Writing (L) | 3 | C | <ul style="list-style-type: none"> • Select your career interest area and play me3@ASU • Develop your professional online presence |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |

| | | |
|---|----|---|
| JMC 305: Multimedia Journalism | 3 | C |
| STP 226: Elements of Statistics (CS) | 3 | |
| Second Language: Requirement satisfied through the following: * Completion of Spanish SPA language course at the intermediate level (202 or equivalent). | 4 | C |
| ❖ Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | |
| ❖ Minimum 2.50 GPA ASU Cumulative. | | |
| Term hours subtotal: | 16 | |

| Term 3 32 - 48 Credit Hours Critical course signified by ❖ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ❖ JMC 366: Journalism Ethics and Diversity | 3 | C | <ul style="list-style-type: none"> • Build your professional connections -- join the ASU Mentor Network |
| ❖ TCL 201: Transborder Society and Culture I: Interdisciplinary Approaches (HU & C) | 3 | C | |
| PSY 101: Introduction to Psychology (SB) OR SOC 101: Introductory Sociology (SB) | 3 | | |
| U.S. and Mexican Regional Immigration Policy and Economy Track Course | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of Spanish SPA language course at the intermediate level (202 or equivalent). | 4 | C | |
| ❖ Complete First-Year Composition requirement. | | | |
| ❖ Complete Mathematics (MA) requirement. | | | |
| ❖ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 48 - 65 Credit Hours Critical course signified by ❖ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ❖ JMC 301: Intermediate Reporting and Writing (L) | 3 | C | <ul style="list-style-type: none"> • Complete Spanish language proficiency by end of semester 4 for The College requirement. Completion of SPA 201 or SPA 202 can be used to satisfy Global Awareness (G) General Studies requirement. • Students should consult with an academic advisor to determine a journalism path and appropriate course selections for Professional Program Courses and JMC Advanced Skill courses. |
| ❖ TCL 202: Transborder Society and Culture II: Contemporary Issues (SB & C) | 3 | C | |
| JMC 313: Introduction to Editing OR JMC 345: Videography OR JMC 448: Non-Narrative Video Storytelling | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of Spanish SPA language course at the intermediate level (202 or equivalent) that has a Global Awareness (G) designation.. | 4 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| ❖ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 17 | | |

| Term 5 65 - 81 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ JMC 473: The Business and Future of Journalism | 3 | C | |
| ★ TCL 303: Transborder Theory (SB) OR SOC 303: Transborder Theory (SB) | 3 | C | |
| JMC 435: Latino and Transnational Issues | 3 | C | |
| TCL 332: Mexican American History Since 1900 (SB & H & C) OR HST 332: Mexican American History Since 1900 (SB & H & C) | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |

★ Minimum 2.50 GPA ASU Cumulative.

Term hours subtotal: 16

| Term 6 81 - 99 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--------------------------------|
| ★ JMC 402: Mass Communication Law | 3 | C | • Explore an internship |
| ★ TCL 304: Transborder Research Methods (SB & C) | 3 | C | |
| TCL 314: Transborder Latin American Migration to the U.S. ((L or SB) & H & C) OR SOC 314: Transborder Latin American Migration to the U.S. ((L or SB) & H & C) | 3 | C | |
| JMC 470: Depth Reporting | 3 | C | |
| POS 110: American Government and Politics (SB) OR POS 310: American National Government (SB) | 3 | | |
| SPA Upper Division Elective | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |

Term hours subtotal: 18

| Term 7 99 - 114 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ TCL 305: Transborder Practicum and Field Research | 3 | C | • Students should consult with an academic advisor to determine a journalism path and appropriate course selections for Professional Program Courses and JMC Advanced Skill courses. • Gather professional references |
| JMC 484: Internship | 3 | Y | |
| Upper Division JMC Advanced Skills Course | 3 | C | |
| Philosophy Course AND Humanities, Arts and Design (HU) | 3 | | |
| U.S. and Mexican Regional Immigration Policy and Economy Track Course | 3 | C | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |

Term hours subtotal: 15

| Term 8 114 - 129 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ TCL 498: Pro-Seminar | 3 | C | • Professional programs require placement. Please consult your academic advisor. • Apply for full-time career opportunities |
| ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB) | 3 | | |
| Professional Program Course | 3 | C | |
| Complete 2 courses: U.S. and Mexican Regional Immigration Policy and Economy Track Course | 6 | C | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |

Term hours subtotal: 15

- Students must complete 15 credit hours from the U.S. and Mexican Regional Immigration Policy and Economy Track.
- Students must complete a three credit hour JMC Advanced Skills Course and a three credit hour JMC Professional Program Course chosen in consultation with an academic advisor from the Cronkite School of Journalism and Mass Communication.

Hide Course List(s)/Track Group(s)

| | | |
|--|---|--|
| Philosophy Course | U.S. and Mexican Regional Immigration Policy and Economy Track | JMC Advanced Skills Course |
| HON 171: The Human Event (L or HU) | TCL 315: Latinx Family Structures (SB) | JMC 320: Newscast Producing |
| PHI 101: Introduction to Philosophy (HU) | TCL 327: Health and Migration (SB) | JMC 330: Television Reporting |
| PHI 103: Principles of Sound Reasoning (L or HU) | TCL 331: Mexican American History to 1900 (SB & H & C) | JMC 333: Advanced Bilingual Broadcast Reporting |
| PHI 105: Intro to Ethics (HU) | TCL 335: Historical Studies in Race Crime and the Law | JMC 351: Photojournalism I |
| PHI 306: Applied Ethics (HU) | TCL 340: Chicana/o and Latina/o Politics and Policy (L & C) | JMC 413: Advanced Editing |
| | TCL 341: Latinas/os and the City (C) | JMC 414: Digital Graphic Design |
| | TCL 342: Social Demographics of Latino Populations (SB & C) | JMC 421: Advanced Digital Storytelling |
| | TCL 377: Arizona Immigration Latinos and Politics | JMC 430: Sports Marketing and Campaigns |
| | TCL 443: Political Ecology of the Border (SB & G) | JMC 434: Advanced Bilingual Reporting |
| | TCL 444: The Ethnography of Mexico and the Borderlands (SB & G) | JMC 437: Documentary Production |
| | TCL 484: Internship | JMC 440: Magazine Writing |
| | | JMC 455: Digital Media Entrepreneurship |
| | | JMC 460: Advanced Online Media |
| | | JMC 465: Telling Stories with Data |
| | | JMC 477: New Media Innovation and Entrepreneurship Lab |
| | | JMC 478: Cronkite News: Los Angeles |
| | | JMC 478: Cronkite News: Phoenix Bureau |
| | | JMC 479: Cronkite News: Washington Bureau |
| | | JMC 485: Television Magazine |
| | | JMC 486: Digital Audiences Lab |
| Professional Program Courses | | |
| JMC 477: New Media Innovation and Entrepreneurship Lab | | |
| JMC 478: Cronkite News: Los Angeles | | |
| JMC 478: Cronkite News: Phoenix Bureau | | |
| JMC 479: Cronkite News: Washington Bureau | | |
| JMC 485: Television Magazine | | |
| JMC 486: Digital Audiences Lab | | |

Total Hours: 129

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.

2020 - 2021 Major Map

Mass Communication and Media Studies, BA



School/College: [Walter Cronkite School of Journalism & Mass Comm](#)

Location: [Online](#)

CSMCMSTBA



FT Fast Track Options: 3 Year

A student must speak with an advisor in order to be added to a fast track plan.

| Term 1 - A 0 - 7 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  MCO 120: Media and Society (SB) | 3 | C | <ul style="list-style-type: none"> An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses ASU 101 or College specific equivalent First Year Seminar required of all first-year students Select your Career Interest Communities and play me3@ASU. |
| ASU 101-UC: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 13 Credit Hours | Hours | Minimum Grade | Notes |
|------------------------------------|-------|---------------|---|
| Cultural Diversity in the U.S. (C) | 3 | | <ul style="list-style-type: none"> View ASU Online first-year student registration information here. Mathematics Placement Assessment score determines placement in mathematics course Create a first draft resume |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 2 - A 13 - 19 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 2 - B 19 - 25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| MAT 142: College Mathematics (MA) OR Mathematics (MA) | 3 | | |
| Historical Awareness (H) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 3 - A 25 - 31 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| MCO Elective | 3 | C | <ul style="list-style-type: none"> Develop your skills |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Term hours subtotal: | 6 | | |

| | | Minimum | |
|--|--|---------|--|
|--|--|---------|--|

| Term 3 - B 31 - 38 Credit Hours Critical course signified by ⚠ | Hours | Grade | Notes |
|---|-------|-------|-------|
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| ⚠ Complete First-Year Composition requirement. | | | |
| ⚠ Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 7 | | |

| Term 4 - A 38 - 44 Credit Hours Critical course signified by ⚠ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ⚠ Literacy and Critical Inquiry (L) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 4 - B 44 - 51 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 5 - A 51 - 57 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ Upper Division Mass Communication Elective | 3 | C | • Develop your professional online presence |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - B 57 - 63 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ Upper Division Mass Communication Elective | 3 | C | |
| Global Awareness (G) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - A 63 - 69 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ Upper Division Mass Communication Elective | 3 | C | • Use Handshake to research employment opportunities |
| Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 69 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 7 - A 75 - 81 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ Upper Division Mass Communication Elective | 3 | C | • Complete an in person or virtual practice interview |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 81 - 87 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |
| Term 8 - A 87 - 93 Credit Hours | Hours | Minimum Grade | Notes |
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |
| Term 8 - B 93 - 99 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
| ★ Upper Division Mass Communication Elective | 3 | C | • Gather professional references |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |
| Term 9 - A 99 - 105 Credit Hours | Hours | Minimum Grade | Notes |
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |
| Term 9 - B 105 - 111 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
| ★ Upper Division Mass Communication Elective | 3 | C | • Apply for full-time career opportunities |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |
| Term 10 - A 111 - 117 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
| ★ Upper Division Mass Communication Elective | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |
| Term 10 - B 117 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
| ★ Upper Division Mass Communication Elective | 3 | C | |
| Term hours subtotal: | 3 | | |

Hide Course List(s)/Track Group(s)

- Mass Communication Elective
- MCO 240: Media Issues in American Pop Culture
- MCO 302: Media Research Methods
- MCO 307: The Digital Audience

MCO 335: Social Media

MCO 366: Media Ethics and Diversity

MCO 403: Media Law

MCO 418: History of Mass Communication
(SB & H)

MCO 425: Digital Media Literacy I

MCO 426: Digital Media Literacy II

MCO 430: International Mass Communication
(G)

MCO 436: Audience Research and Behavior

MCO 437: Audience Acquisition and
Engagement

MCO 438: Digital Audience Analysis

MCO 450: Visual Communication (HU)

MCO 456: Political Communication (SB)

MCO 460: Race Gender and Media (C)

MCO 465: Sports and Media

MCO 470: Exploring the Business of
Journalism

MCO 473: Sex Love and Romance in the
Mass Media (SB)

MCO 494: Special Topics

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.





2020 - 2021 Major Map





Sports Journalism, BA


School/College: Walter Cronkite School of Journalism & Mass Comm

Location: Downtown Phoenix campus

CSSPJBA

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  JMC 101: Grammar for Journalists | 1 | B- | <ul style="list-style-type: none"> • An SAT, ACT, IELTS, Accuplacer, or TOEFL score determined placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year and transfer students • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students should take a placement exam. |
|  JMC 110: Principles and History of Journalism (SB) | 3 | C | |
| ASU 101-CS: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| JMC 102: Coding for Journalists | 1 | C | |
| MAT 142: College Mathematics (MA) OR Mathematics (MA) | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
|  Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  JMC 201: News Reporting and Writing (L) | 3 | C | <ul style="list-style-type: none"> • Select your career interest area and play me3@ASU • Develop your professional online presence |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| JMC 306: Sports Multimedia Journalism | 3 | C | |
| Statistics Course AND Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 49 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| JMC 367: Ethics and Diversity in Sports Journalism | 3 | C | <ul style="list-style-type: none"> • Students interested in Public Relations should contact their academic adviser to review course recommendations. • Courses you are taking now will impact your eligibility for certain Professional Programs. Please consult with your academic adviser to make sure you are on the right track to achieve your goal. |
| POS 110: American Government and Politics (SB) OR POS 310: American National Government (SB) | 3 | | |
| PSY 101: Introduction to Psychology (SB) OR SOC 101: Introductory Sociology (SB) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Term hours subtotal: | 16 | | |

🚩 Complete First-Year Composition requirement.

🚩 Complete Mathematics (MA) requirement.

🚩 Minimum 2.50 GPA ASU Cumulative.

Term hours subtotal: 17

| Term 4 49 - 65 Credit Hours Critical course signified by 🚩 | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| 🚩 JMC 302: Sports Reporting | 3 | C | <ul style="list-style-type: none">• Students interested in JMC 481 Cronkite News - Los Angeles Sports Bureau should enroll in JMC 346.• Related Area courses must be approved by an academic adviser.• Explore careers and internship opportunities through Cronkite Career Services |
| 🚩 JMC 313: Introduction to Editing OR JMC 346: Sports Videography OR JMC 448: Non-Narrative Video Storytelling | 3 | C | |
| U.S. History Course AND Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Related Area Course | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. AND Global Awareness (G) | 4 | C | |
| 🚩 Complete JMC 306 AND JMC 367 course(s). | | | |
| 🚩 Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 5 65 - 80 Credit Hours Necessary course signified by ⭐ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ⭐ JMC 331: Television Sports Reporting OR JMC 430: Sports Marketing and Campaigns | 3 | C | <ul style="list-style-type: none">• Sports Advanced Skills course should be selected in consultation with academic adviser.• Students interested in JMC 481 Cronkite News - Los Angeles Sports Bureau should enroll in JMC 331.• Related Area courses must be approved by an academic adviser.• Complete an in person or virtual practice interview. |
| ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB) | 3 | | |
| Philosophy Course AND Humanities, Arts and Design (HU) | 3 | | |
| Related Area Course | 3 | C | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| ⭐ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 6 80 - 96 Credit Hours Necessary course signified by ⭐ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ⭐ Upper Division Advanced Skills Course | 3 | C | <ul style="list-style-type: none">• Advanced Skills course should be selected in consultation with academic adviser.• Related Area courses must be approved by an academic adviser.• Thinking about graduate school? Consider registering for a grad school test prep course. |
| JMC 474: Advanced Issues in 21st-Century Sports and Media | 3 | C | |
| JMC 484: Internship | 3 | Y | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| ⭐ Minimum 2.50 GPA ASU Cumulative. | | | |
| ⭐ Complete Cultural Diversity in the U.S. (C) AND Historical Awareness (H) AND Global Awareness (G) course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 7 96 - 108 Credit Hours Necessary course signified by ⭐ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ⭐ JMC 402: Mass Communication Law | 3 | C | |

| | | |
|---|---|----|
| JMC OR MCO Upper Division Elective | 3 | C |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | |
| Related Area Course | 3 | C |
| ★ Minimum 2.50 GPA ASU Cumulative. | | |
| Term hours subtotal: | | 12 |

- Professional Programs require placement and can be completed in fall or spring. Consult with your academic adviser to review your eligibility for certain programs.
- Students interested in additional Professional Program credit can apply it toward their JMC or MCO Upper Division Elective. Consult with your academic adviser for more information.
- Related Area courses must be approved by an academic adviser.

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ JMC 480: Cronkite News: Phoenix Sports Bureau OR JMC 481: Cronkite News: Los Angeles Sports Bureau | 3 | C | • Related Area courses must be approved by an academic adviser |
| JMC OR MCO Upper Division Elective | 3 | C | |
| MCO Upper Division Elective (MCO 420 OR MCO 465 recommended) | 3 | C | |
| Related Area Course | 3 | C | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | | 12 | |

- Advanced Skills course should be selected in consultation with academic advisor

Hide Course List(s)/Track Group(s)

| Statistics (CS) | Philosophy | U.S. History |
|--|--|---|
| ECN 221: Business Statistics (CS) | HON 171: The Human Event (L or HU) | HST 109: United States to 1865 ((HU or SB) & H) |
| JUS 302: Statistical Analysis for Justice Studies (CS) | PHI 101: Introduction to Philosophy (HU) | HST 306: Studies in United States History ((HU or SB) & H) |
| PSY 230: Introduction to Statistics (CS) | PHI 103: Principles of Sound Reasoning (L or HU) | HST 314: American Cultural History Since 1865 ((HU or SB) & H) |
| SOC 390: Social Statistics I (CS) | PHI 105: Intro to Ethics (HU) | HST 327: Women in U.S. History 1600 to 1880 ((HU or SB) & C & H) |
| STP 226: Elements of Statistics (CS) | PHI 306: Applied Ethics (HU) | HST 328: Women in U.S. History 1880-1980 ((HU or SB) & C & H) |
| SWU 321: Statistics for Social Workers (CS) | | HST 334: African American History Since 1865 ((HU or SB) & C & H) |
| | | HST 337: American Indian History to 1900 ((HU or SB) & C & H) |
| | | HST 338: American Indian History since 1900 ((HU or SB) & C & H) |
| Advanced Skills Courses | | |
| JMC 320: Newscast Producing | | |

JMC 331: Television Sports Reporting

JMC 333: Advanced Bilingual Broadcast Reporting

JMC 352: Sports Photojournalism

JMC 413: Advanced Editing

JMC 414: Digital Graphic Design

JMC 415: Writing for Public Relations

JMC 421: Advanced Digital Storytelling

JMC 430: Sports Marketing and Campaigns

JMC 434: Advanced Bilingual Reporting

JMC 436: Public Relations Research

JMC 437: Documentary Production

JMC 440: Magazine Writing

JMC 451: Photojournalism II

JMC 452: Visual Storytelling

JMC 455: Digital Media Entrepreneurship

JMC 457: Advanced Radio Reporting

JMC 460: Advanced Online Media

JMC 465: Telling Stories with Data

JMC 470: Depth Reporting

JMC 477: New Media Innovation and Entrepreneurship Lab

JMC 478: Cronkite News: Los Angeles

JMC 478: Cronkite News: Phoenix Bureau

JMC 479: Cronkite News: Washington Bureau

JMC 480: Cronkite News: Phoenix Sports Bureau

JMC 481: Cronkite News: Los Angeles Sports Bureau

JMC 485: Television Magazine

JMC 486: Digital Audiences Lab

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)

Total Community College Hrs: 64 maximum

- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map





Actuarial Science, BS




School/College: The College of Liberal Arts and Sciences

Location: Tempe campus

LAACTBS

| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  CIS 105: Computer Applications and Information Technology (CS) | 3 | B | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • It is suggested that students complete both ECN 211 and 212 to satisfy the SB General Studies requirement as well as the VEE Requirement sequence for Economics by the Society of Actuaries (SOA), Casualty Actuarial Society (CAS), and Canadian Institute of Actuaries (CIA). • Select your career interest area and play me3@ASU. |
|  MAT 270: Calculus with Analytic Geometry I (MA) | 4 | B | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Maintain 3.50 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  ACT 201: Introduction to Elements and Techniques of Actuarial Science | 3 | B | <ul style="list-style-type: none"> • Meet with your academic advisor to reflect on your first year of classes and map your coursework towards a timely graduation. • It is suggested that students complete both ECN 211 and 212 to satisfy the SB General Studies requirement as well as the VEE Requirement sequence for Economics by the Society of Actuaries (SOA), Casualty Actuarial Society (CAS), and Canadian Institute of Actuaries (CIA). • COM 225 is recommended to satisfy the Literacy and Critical Inquiry ("L") General Studies requirement. • Join Gamma Iota Sigma Kappa chapter. |
|  MAT 271: Calculus with Analytic Geometry II (MA) | 4 | B | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Maintain 3.50 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 44 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  MAT 272: Calculus with Analytic Geometry III (MA) | 4 | B | <ul style="list-style-type: none"> • Meet with your academic advisor to discuss summer internship and Research Opportunities for Undergraduates (REU). |
| Science and Society Elective | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
|  Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Maintain 3.50 GPA in Critical Tracking Courses. | | | |

Term hours subtotal: 14

| Term 4 44 - 60 Credit Hours Critical course signified by 🚩 | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| 🚩 MAT 343: Applied Linear Algebra | 3 | B | <ul style="list-style-type: none"> • Meet with your academic advisor to discuss options for adding a minor, certificate or concurrent major to your degree program. • Upper-division MAT/STP courses should be taken through the Tempe campus, unless approved by a SoMSS advisor. • Students seeking VEE accreditation, select an elective from the course list in the note at the bottom of the major map. |
| MAT 300: Mathematical Structures (L) | 3 | C | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Elective | 3 | | |
| Maintain 3.50 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 16 | | |

| Term 5 60 - 76 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ ACT 410: Mathematics of Finance | 4 | B | <ul style="list-style-type: none"> • Meet with your academic advisor to discuss post-graduation plans, e.g. graduate school, career preparation. • Upper-division MAT/STP courses should be taken through the Tempe campus, unless approved by a SoMSS advisor. |
| ★ ACT 415: Probability for Risk Management | 3 | B | |
| ★ MAT 371: Advanced Calculus I | 3 | C | |
| ★ STP 420: Introductory Applied Statistics (CS) | 3 | B | |
| Elective | 3 | | |
| Maintain 3.00 GPA in Major Courses. | | | |
| Term hours subtotal: | 16 | | |

| Term 6 76 - 91 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ ACT 301: Risk Management and Insurance (SB) | 3 | B | <ul style="list-style-type: none"> • Meet with a career counselor from ASU Career Services for a review of your resume and interviewing tips for success. • Upper-division MAT/STP courses should be taken through the Tempe campus, unless approved by a SoMSS advisor. |
| ★ ACT 370: R and Excel for Actuaries | 3 | B | |
| ★ STP 427: Mathematical Statistics | 3 | B | |
| Upper Division Science and Society Elective | 3 | C | |
| Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Maintain 3.00 GPA in Major Courses. | | | |
| Term hours subtotal: | 15 | | |

| Term 7 91 - 107 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ ACT 430: Mathematics of Financial Derivatives | 4 | B | <ul style="list-style-type: none"> • Meet with your academic advisor to discuss post-graduation plans, e.g. graduate school, career preparation. • Develop your professional online presence. • Students seeking VEE accreditation, select elective from the course list in the note at the bottom of the major map. |
| ★ ACT 435: Statistics for Risk Modeling | 3 | B | |
| ★ ACT 440: Long-Term Actuarial Mathematics I | 3 | C | |
| ★ ACT 450: Actuarial Models and Modeling I | 3 | C | |
| Elective OR ACT 484: Internship | 3 | | |
| Maintain 3.00 GPA in Major Courses. | | | |
| Term hours subtotal: | 16 | | |

| Term 8 107 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ ACT 420: Ratemaking and Reserving | 3 | B | |

| | | |
|---|----|---|
| ★ ACT 441: Long-Term Actuarial Mathematics II | 3 | C |
| ★ ACT 451: Actuarial Models and Modeling II | 3 | C |
| ★ ACT 491: Actuarial Exam Preparation Seminar | 1 | Y |
| Elective | 3 | |
| Maintain 3.00 GPA in Major Courses. | | |
| Term hours subtotal: | 13 | |

- Meet with your academic advisor for final degree check and apply for graduation through your My ASU.
- Students seeking VEE Accreditation, select an elective from the course list in the note at the bottom of the major map.

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.
- The object of the degree is to prepare students to sit for exams to gain certification as an actuary. One of the optional certifications that individuals may pursue is completion of the VEE requirements from the Society of Actuaries or the Casualty Actuarial Society. This certification requires additional experience not covered in the maximum credits allowed for the degree.

However, students may decide to include these additional courses in their 12 hours of elective credit. ASU courses that meet VEE requirements include:

- STP 427 - requirement for Mathematical Statistics (Prerequisite(s): ACT 415 or STP 421 with C or better; STP 281 or 420 with C or better)
- ECN 211 and ECN 212 - sequence requirement for Economics
- FIN 300 - requirement for Fundamentals of Finance (Prerequisite(s) with C or better: ACC 231, 232 or 261; ECN 212; ECN 221, ECN 231, IEE 380 or STP 280; MAT 211, 266 or 271; Non-Business: min 2.50 GPA; min 56 hours; Pre- or corequisite(s): ACC 241, 242 or 271; Credit allowed for only FIN 300, 302 or 303)

[Hide Course List\(s\)/Track Group\(s\)](#)

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map



African and African American Studies, BA




School/College: [The College of Liberal Arts and Sciences](#)

Location: [Tempe campus](#)

LAAFRBA

| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  AFR 200: Introduction to Africana Studies (SB & G & H) | 3 | C | <ul style="list-style-type: none"> An ACT, SAT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses Mathematics Placement Assessment score determines placement in mathematics course ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. Select your career interest area and play me3@ASU. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> Create a first draft resume |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| AFR Elective | 3 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 44 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete 2 courses: Elective | 6 | | |
|  Complete First-Year Composition requirement. | | | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 14 | | |

| | Minimum |
|--|---------|
|--|---------|

| Term 4 44 - 61 Credit Hours Critical course signified by 🚩 | Hours | Grade | Notes |
|--|-------|-------|---|
| 🚩 Related Area Courses | 3 | C | <ul style="list-style-type: none"> Explore an internship -- contact the SST Advising office at 480-965-7682 to schedule an appointment with our internship coordinator. |
| AFR 300: Precolonial Africa (SB & G & H) | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Term hours subtotal: | 17 | | |

| Term 5 61 - 75 Credit Hours Necessary course signified by ⭐ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ⭐ AFR 305: The Global History of the Trans-Atlantic Slave Trade (SB & H) | 3 | C | |
| AFR Upper Division Elective | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Elective | 2 | | |
| Elective OR AFR 484: Internship | 3 | | |
| Term hours subtotal: | 14 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by ⭐ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| AFR Upper Division Elective | 6 | C | <ul style="list-style-type: none"> Gather professional references Use Handshake to research employment opportunities |
| Complete 3 courses: Elective | 9 | | |
| ⭐ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by ⭐ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ⭐ AFR Upper Division Elective | 3 | C | <ul style="list-style-type: none"> Apply for full-time career opportunities |
| AFR 428: Critical Race Theory | 3 | C | |
| Upper Division Related Area Courses | 6 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ⭐ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ⭐ AFR 498: Pro-Seminar (L) | 3 | C | |
| Complete 2 courses: Upper Division Related Area Courses | 6 | C | |
| Complete 2 courses: Upper Division Elective | 6 | | |
| Term hours subtotal: | 15 | | |

- African Studies and Related Area Courses: To see a complete list of available courses schedule an appointment with an advisor in the School of Social Transformation. The following is a sample of the courses that will qualify for these areas.

Hide Course List(s)/Track Group(s)

Related Area Courses

AFR 202: Immigration and Ethnic Relations in the U.S. (SB & C)

AFR 210: Introduction to African American Studies (C)

AFR 215: Bob Marley and Reggae: Lyrics of Resistance (HU & G)

AFR 300: Precolonial Africa (SB & G & H)

AFR 304: Islands of Globalization: Caribbean Politics and Political Economy (SB & G & H)

AFR 330: Survey of African American Politics (SB & H)

AFR 335: Historical Studies in Race Crime and the Law

AFR 336: African Art (HU & G)

AFR 350: Inequality and Diversity in Education (L & C)

AFR 354: African American Literature: Harlem Renaissance to the Present ((L or HU) & C)

AFR 364: African American History Since 1865 ((HU or SB) & C & H)

AFR 365: Unruly Voices: Black Women and Cultural Narratives (HU & C)

AFR 370: Family Ethnic and Cultural Diversity (SB & C)

AFR 372: Islam and Islamic Societies in Africa: Social and Political History (G)

AFR 375: Race Gender and Sport (SB & C)

AFR 383: Blacks in Science Medicine and Public Health

AFR 420: Race Ethnicity and Politics in the African Diaspora (SB & G)

AFR 428: Critical Race Theory

AFR 465: Harlem Renaissance: a Cultural History: 1877-1945

AFR 470: Women's International Human Rights

AFR 480: Different Voices Within Contemporary Islamic Discourse

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map




American Indian Studies, BS





School/College: The College of Liberal Arts and Sciences




Location: Tempe campus

LAAISBS

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  AIS 180: Introduction to American Indian Studies (C) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Select your career interest and play me3@ASU |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  AIS 280: American Indian Sovereignty and the Courts (H & C) | 3 | C | <ul style="list-style-type: none"> • Students are encouraged to consult with their academic advisor regarding the possibility of using elective hours toward completion of a certificate, minor or concurrent major that may complement the BS in American Indian Studies. • Join a student club or professional organization |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Complete 2 courses: Elective | 6 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 3 31 - 47 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  AIS Emphasis Area Course | 3 | C | <ul style="list-style-type: none"> • Students are encouraged to take AIS 294: Readings and Writings in American Indian Studies as a prerequisite to success in upper-division courses in the major. • Students should choose 18 hours in one of two emphasis areas shown in the track groups below. At least 12 hours must be taken at the upper-division level. Other courses in the AIS prefix may be used toward the emphasis area with prior approval of the academic advisor. |
| Natural Science - Quantitative (SQ) | 4 | | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Complete 2 courses: Elective | 6 | | |
|  Complete First-Year Composition requirement. | | | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 47 - 63 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  AIS 285: Federal Indian Policy (H & C) | 3 | C | <ul style="list-style-type: none"> • Create a first draft resume. |
|  AIS Emphasis Area Course | 3 | C | |
| Science and Society Elective | 3 | C | |

| | |
|---|----|
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 |
| Elective | 3 |
| Term hours subtotal: | 16 |

| Term 5 63 - 78 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ AIS 380: Contemporary Issues of American Indian Nations (C) | 3 | C | <ul style="list-style-type: none"> • AIS 380 is offered in Fall semesters only • Gather professional references. |
| Upper Division AIS Emphasis Area Course | 3 | C | |
| Upper Division Science and Society Elective | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ AIS 370: American Indian Languages and Cultures (C) | 3 | C | <ul style="list-style-type: none"> • AIS 370 is offered in Spring semesters only • Develop your professional online presence |
| JUS 302: Statistical Analysis for Justice Studies (CS) | 3 | C | |
| Upper Division AIS Emphasis Area Course | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ AIS 420: American Indian Studies Research Methods (L) | 3 | C | <ul style="list-style-type: none"> • For the Upper Division Emphasis Area Course: AIS 484 Internship is strongly recommended in either term 7 or 8. • Research employment opportunities |
| Upper Division AIS Emphasis Area Course | 3 | C | |
| Upper Division Elective OR AIS 484: Internship | 3 | | |
| Complete 2 courses: | 6 | | |
| Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ AIS 498: Pro-Seminar (L) | 3 | C | <ul style="list-style-type: none"> • For the Upper Division Emphasis Area Course: AIS 484 Internship is strongly recommended in either term 7 or 8. |
| Upper Division AIS Emphasis Area Course | 3 | C | |
| Complete 2 courses: | 6 | | |
| Upper Division Elective | 6 | | |
| Term hours subtotal: | 12 | | |

- Students must choose 18 credit hours in one of two emphasis areas shown in the track groups below. At least 12 credit hours must be taken at the upper-division level. Other courses in the AIS prefix may be used toward the emphasis area with prior approval of the academic advisor.
- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be

upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

| Legal Policy Community and Economic Development Emphasis Area | Arts Languages and Cultures Emphasis Area |
|---|--|
| AIS 360: Issues in Urban Indian Country (C) | AIS 194: Beginning Navajo I |
| AIS 455: Human Rights and Cultural Resource Laws | AIS 194: Beginning Navajo II |
| AIS 470: Tribal Governance | AIS 320: American Indian Philosophies and World Views (HU & C) |
| AIS 480: Actualizing Decolonization (HU & C & G) | AIS 360: Issues in Urban Indian Country (C) |
| AIS 484: Internship | AIS 381: American Indian Women (C) |
| AIS 494: American Indian Rights | AIS 394: American Indian & Indigenous Film |
| AIS 494: Crime in Indian Country | AIS 394: Intermediate Navajo I |
| AIS 494: Indigenous Media and Image-Making | AIS 394: Intermediate Navajo II |
| AIS 499: Individualized Instruction | AIS 394: Reservation Economic Development |
| | AIS 440: Cultural Professionalism (C) |
| | AIS 480: Actualizing Decolonization (HU & C & G) |
| | AIS 484: Internship |
| | ENG 359: Indigenous American Literature ((L or HU) & C) |

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.








2020 - 2021 Major Map

Anthropology, BA

School/College: The College of Liberal Arts and Sciences

Location: Tempe campus

LAASBBA

| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ASB 102: Introduction to Cultural Anthropology (SB & G) OR ASM  104: Bones, Stones, and Human Evolution (SB or SG) OR ASB 222: Buried Cities and Lost Tribes ((HU or SB) & G & H) or ASB 223: Aztecs, Incas and Mayas ((HU or SB) & G & H) | 3-4 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Students must take ASB 102 and ASM 104. They will choose either ASB 222 or ASB 223. • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. • Select your career interest area and play me3@ASU. • Create a first draft resume. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Maintain 2.00 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 14-15 | | |
| Term 2 14 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
| ASB 102: Introduction to Cultural Anthropology (SB & G) OR ASM  104: Bones, Stones, and Human Evolution (SB or SG) OR ASB 222: Buried Cities and Lost Tribes ((HU or SB) & G & H) or ASB 223: Aztecs, Incas and Mayas ((HU or SB) & G & H) | 3-4 | C | <ul style="list-style-type: none"> • Build your professional connections -- join the ASU Mentor Network. • Join a student club or professional organization. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 2 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Maintain 2.00 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 16-17 | | |
| Term 3 30 - 44 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
| ASB 102: Introduction to Cultural Anthropology (SB & G) OR ASM  104: Bones, Stones, and Human Evolution (SB or SG) OR ASB 222: Buried Cities and Lost Tribes ((HU or SB) & G & H) or ASB 223: Aztecs, Incas and Mayas ((HU or SB) & G & H) | 4-3 | C | <ul style="list-style-type: none"> • Secure a part-time job or volunteer experience. • Develop your skills. |

Second Language: Requirement satisfied through the following:
 * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. 4 C

Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) 3

Elective 3

❗ Complete First-Year Composition requirement.

❗ Complete Mathematics (MA) requirement.

Maintain 2.00 GPA in Critical Tracking Courses.

Term hours subtotal: 14-13

| Term 4 44 - 60 Credit Hours Critical course signified by ❗ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

ASB 394: Statistics for Social Scientists OR ASM 465: Quantification and Analysis for Anthropologists (CS) OR ASM 494: Bayesian Statistics in Theory and Practice OR STP 226: Elements of Statistics (CS) OR STP 231: Statistics for Life Science (CS) OR SOC 390: Social Statistics I (CS) 3 C

- Explore an **internship**.

Second Language: Requirement satisfied through the following:
 * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. 4 C

Humanities, Arts and Design (HU) 3

Literacy and Critical Inquiry (L) 3

Elective 3

Maintain 2.00 GPA in Critical Tracking Courses.

Term hours subtotal: 16

| Term 5 60 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

★ Upper Division Sociocultural Course 3 C

Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) 3

Complete 3 courses: 9

Elective

Term hours subtotal: 15

- Field school opportunities (archaeological and physical) can count toward major degree requirements. Talk with your advisor about available opportunities.
- Develop your **professional online presence**.

| Term 6 75 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

★ Upper Division Anthropology Practicum 3 C

Upper Division Literacy and Critical Inquiry (L) 3

Complete 3 courses: 9

Upper Division Elective

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal: 15

- Research **employment opportunities**.
- Complete an in person or virtual **practice interview**.

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

★ Upper Division Physical/Evolutionary Anthropology Course 3 C

ASB OR ASM Upper Division Elective 3 C

Complete 2 courses: 6

Upper Division Elective

Elective 3

- Gather **professional references**.
- Apply for **full-time career opportunities**.

Term hours subtotal: 15

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ ASB OR ASM Upper Division Elective | 3 | C | |
| Upper Division Archaeology Course | 3 | C | |
| Complete 2 courses: | | | |
| Upper Division Elective | 6 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

Hide Course List(s)/Track Group(s)

| Anthropology Practicum | Archaeology Courses | Physical/Evolutionary Anthropology Courses |
|--|---|--|
| ASB 302: Ethnographic Field Study ((L or SB) & G) | ASB 301: Global History of Health (SB & G & H) | ASB 301: Global History of Health (SB & G & H) |
| ASB 389: Ethnographic Field Lab | ASB 326: Human Impacts on Ancient Environments (SB & H) | ASB 368: Hunter-Gatherers (SB) |
| ASB 395: Research Methods (SB & G) | ASB 330: Understanding Archaeology (SB) | ASB 394: Modeling Simulation Neglected Tropical Diseases |
| ASB 443: Cross-Cultural Studies in Global Health ((L or SB) & G) | ASB 333: Frauds Myths and Mysteries ((HU or SB) & G) | ASB 408: Advanced Evolutionary Medicine |
| ASB 452: Community Partnerships for Global Health (SB) | ASB 335: Ancient Ruins of the Southwest (SB & H & C) | ASB 494: Applied Epidemiology |
| ASB 455: Practicum for Social Sciences (SB) | ASB 337: Pyramids and Hieroglyphs: Life in Ancient Mesoamerica ((HU or SB) & G & H) | ASB 494: Maternal and Child Health |
| ASB 484: Internship | ASB 361: Human Cultural Beginnings (H) | ASB 494: Reproductive Ecology |
| ASB 494: Access Equity and Inclusion in Higher Education | ASB 362: People and Plants | ASM 301: Peopling of the World (SB) |
| ASB 499: Individualized Instruction | ASB 366: African Archaeology: Precolonial Urban Culture (SB & H) | ASM 313: Great Adaptations |
| ASM 338: Anthropological Field Session | ASB 368: Hunter-Gatherers (SB) | ASM 332: Life and Death in Ancient Egypt |
| ASM 338: Bioarchaeology and the Human Skeleton | ASB 490: Earliest Cities (SB & H) | ASM 338: Bioarchaeology and the Human Skeleton |
| ASM 338: Field Archaeology & Geophysical Testing | ASM 338: Bioarchaeology and the Human Skeleton | ASM 341: Human Osteology |
| ASM 341: Human Osteology | ASM 338: Field Archaeology & Geophysical Testing | ASM 342: Evolution of Human Behavior or BIO 327: Evolution of Human Behavior |
| ASM 344: Fossil Hominids | ASM 350: Geoarchaeology | ASM 344: Fossil Hominids |
| ASM 365: Doing Archaeology | ASM 365: Doing Archaeology | ASM 345: Disease and Human Evolution |
| ASM 414: Urban and Environmental Health (SB) | ASM 450: Bioarchaeology (SB & G) | ASM 394: Evolution and Medicine Visiting Speaker Recitation |
| ASM 443: Primatology | | ASM 401: Health and Human Biology |
| ASM 452: Dental Anthropology (SG) | | ASM 403: Evolutionary Medicine and Global Health |
| | | ASM 443: Primatology |
| | | ASM 446: Principles of Human Genetics (L) |
| | | ASM 450: Bioarchaeology (SB & G) |

ASM 452: Dental Anthropology (SG)

ASM 456: Infectious Disease and Human Evolution

ASM 459: Forensic Anthropology

ASM 460: Human Growth and Development: An Evolutionary Perspective

ASM 465: Quantification and Analysis for Anthropologists (CS)

ASM 494: Bayesian Statistics in Theory and Practice

ASM 494: Evolution and Mental Disorders

ASM 494: Evolution of Technology

ASM 494: Models in Social Evolution

ASM 494: Social Complexity

Sociocultural Courses

ASB 300: Food and Culture ((L or SB) & C)

ASB 302: Ethnographic Field Study ((L or SB) & G)

ASB 305: Poverty and Global Health ((L or SB) & G)

ASB 310: Precolonial Africa (SB & G & H)

ASB 311: Principles of Social Anthropology (SB & G & H)

ASB 316: Money and Culture (L or SB)

ASB 319: The North American Indian

ASB 322: Peoples of Latin America ((L or SB) & G)

ASB 325: Peoples of Southeast Asia (G)

ASB 327: Disaster! ((L or SB) & C)

ASB 336: African Art (HU & G)

ASB 339: Grassroots Social Movements (SB)

ASB 340: Migration and Culture (SB & G)

ASB 342: Mexico-U.S. Borderlands (SB & C)

ASB 343: Latinas/os and the Environment

ASB 344: Technology and Society (L or SB)

ASB 346: Marriage and Family Diversity (SB & C)

ASB 348: The Borders of Language

ASB 350: Anthropology and Art (HU)

ASB 353: Death and Dying in Cross-Cultural Perspective ((HU or SB) & G)

ASB 355: Traditional Medicine and Healing (HU or SB)

ASB 356: Central American Studies (SB & G)

ASB 357: Society Drugs and Health (SB & G)

ASB 358: The Yoruba and the Atlantic World

ASB 370: Ethics of Eating (L or SB)

ASB 371: Language Hegemony and Culture

ASB 374: Cultures and Politics of the Internet (SB)

ASB 375: Humans and the Environment: What's the Connection? ((L or SB) & G)

ASB 376: Global Health Policy

ASB 378: Globalization: Migration Mass Media McDonald's ((L or SB) & C)

ASB 380: Language Culture and Gender (SB)

ASB 389: Ethnographic Field Lab

ASB 394: Culture and Society Transformation

ASB 394: Statistics for Social Scientists

ASB 395: Topics in Comparative Culture (SB & G)

ASB 412: History of Anthropology (L or SB)

ASB 421: Education and Society (SB)

ASB 442: Global Cities (SB & G)

ASB 443: Cross-Cultural Studies in Global Health ((L or SB) & G)

ASB 452: Community Partnerships for Global Health (SB)

ASB 455: Practicum for Social Sciences (SB)

ASB 457: Global Mental Health ((L or SB) & G)

ASB 462: Medical Anthropology: Culture and Health (SB & C)

ASB 463: Political Ecology of the Border (SB & G)

ASB 464: The Ethnography of Mexico and the Borderlands (SB & G)

ASB 466: Peoples and Cultures of Africa (SB & G)

ASB 494: Ethnography of Schooling in the Borderlands

ASB 494: Facing Immigration

ASB 494: Facing Immigration II

ASM 414: Urban and Environmental Health (SB)

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map

Anthropology, BA



School/College: [The College of Liberal Arts and Sciences](#)



Location: [Online](#)



LAASBBA

| Term 1 - A 0 - 7 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  ASB 102: Introduction to Cultural Anthropology (SB & G) OR ASB 222: Buried Cities and Lost Tribes ((HU or SB) & G & H) OR ASM 104: Bones, Stones, and Human Evolution (SB or SG) | 3-4 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar is required for all first-year students. • Select your career interest area and play me3@ASU. |
| ASU 101-UC: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| Term hours subtotal: | 7-8 | | |

| Term 1 - B 7 - 12 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • View ASU Online first-year student registration information here. |
| Elective | 2 | | |
| Term hours subtotal: | 5 | | |

| Term 2 - A 12 - 19 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  ASB 102: Introduction to Cultural Anthropology (SB & G) OR ASB 222: Buried Cities and Lost Tribes ((HU or SB) & G & H) OR ASM 104: Bones, Stones, and Human Evolution (SB or SG) | 3-4 | C | <ul style="list-style-type: none"> • ASU Language Placement: Only those students with no experience with the language are eligible for 101-level courses. All other students are required to take a language placement exam, regardless of prior credit earned. • Create a first draft resume. |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Term hours subtotal: | 7-8 | | |

| Term 2 - B 19 - 26 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| MAT 142: College Mathematics (MA) | 3 | C | <ul style="list-style-type: none"> • Mathematics Placement Assessment score determines placement in mathematics course. • Network in your career interest area. |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 7 | | |

| Term 3 - A 26 - 34 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  ASB 102: Introduction to Cultural Anthropology (SB & G) OR ASB 222: Buried Cities and Lost Tribes ((HU or SB) & G & H) OR ASM 104: Bones, Stones, and Human Evolution (SB or SG) | 4 | C | <ul style="list-style-type: none"> • Join a student club or professional organization. |


Second Language: Requirement satisfied through the following: 4 C
 * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.

Term hours subtotal: 8

| Term 3 - B 34 - 41 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|


Second Language: Requirement satisfied through the following: 4 C
 * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.


Elective 3

 Complete First-Year Composition requirement.

 Complete Mathematics (MA) requirement.

Term hours subtotal: 7

| Term 4 - A 41 - 47 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

 ASB 394: Statistics for Social Scientists OR SOC 390: Social Statistics I (CS) OR STP 226: Elements of Statistics (CS) OR STP 231: Statistics for Life Science (CS) 3 C

Elective 3

Term hours subtotal: 6

- Some General Studies requirements can overlap with major courses, leaving more room for electives. Consult an academic advisor to select the best courses for your personal plan of study.
- Secure a **part-time job** or **volunteer experience**.

| Term 4 - B 47 - 54 Credit Hours | Hours | Minimum Grade | Notes |
|---------------------------------|-------|---------------|-------|
|---------------------------------|-------|---------------|-------|

Natural Science - Quantitative (SQ) 4

Elective 3

Term hours subtotal: 7

| Term 5 - A 54 - 60 Credit Hours | Hours | Minimum Grade | Notes |
|---------------------------------|-------|---------------|-------|
|---------------------------------|-------|---------------|-------|

Literacy and Critical Inquiry (L) 3

Elective 3

Term hours subtotal: 6

- Develop your **skills**.

| Term 5 - B 60 - 66 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

 Upper Division Sociocultural Course 3 C

Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) 3

Term hours subtotal: 6

- Explore an **internship**.

| Term 6 - A 66 - 72 Credit Hours | Hours | Minimum Grade | Notes |
|---------------------------------|-------|---------------|-------|
|---------------------------------|-------|---------------|-------|

Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) 3

Elective 3

Term hours subtotal: 6

- Develop your **professional online presence**.

| Term 6 - B 72 - 78 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

 Upper Division Anthropology Practicum 3 C

Elective 3

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal: 6

| Term 7 - A 78 - 84 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|--------------------------------------|
| Upper Division Literacy and Critical Inquiry (L) | 3 | | • Research employment opportunities. |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 84 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ Upper Division Physical/Evolutionary Anthropology Course | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 90 - 96 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ ASB OR ASM Upper Division Elective | 3 | C | • Complete an in person or virtual practice interview. |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 96 - 102 Credit Hours | Hours | Minimum Grade | Notes |
|----------------------------------|-------|---------------|-------|
| Humanities, Arts and Design (HU) | 3 | | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - A 102 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-----------------------------------|
| ★ Upper Division Archaeology Course | 3 | C | • Gather professional references. |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - B 108 - 114 Credit Hours | Hours | Minimum Grade | Notes |
|-----------------------------------|-------|---------------|-------|
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 10 - A 114 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ ASB OR ASM Upper Division Elective | 3 | C | • Apply for full-time career opportunities. |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

Hide Course List(s)/Track Group(s)

| | | |
|--|------------------------|---------------------|
| Physical/Evolutionary Anthropology Courses | Anthropology Practicum | Archaeology Courses |
|--|------------------------|---------------------|

| | | |
|--|--|---|
| ASB 301: Global History of Health (SB & G & H) | ASB 395: Research Methods (SB & G) | ASB 301: Global History of Health (SB & G & H) |
| ASB 494: Maternal and Child Health | ASB 452: Community Partnerships for Global Health (SB) | ASB 330: Understanding Archaeology (SB) |
| ASM 301: Peopling of the World (SB) | ASB 455: Practicum for Social Sciences (SB) | ASB 333: Frauds Myths and Mysteries ((HU or SB) & G) |
| ASM 345: Disease and Human Evolution | ASB 484: Internship | ASB 335: Ancient Ruins of the Southwest (SB & H & C) |
| ASM 443: Primatology | ASM 414: Urban and Environmental Health (SB) or SOS 414: Urban and Environmental Health (SB) | ASB 337: Pyramids and Hieroglyphs: Life in Ancient Mesoamerica ((HU or SB) & G & H) |
| ASM 450: Bioarchaeology (SB & G) | ASM 443: Primatology | ASB 362: People and Plants |
| | | ASM 450: Bioarchaeology (SB & G) |

Sociocultural Courses

| |
|--|
| ASB 300: Food and Culture ((L or SB) & C) |
| ASB 305: Poverty and Global Health ((L or SB) & G) |
| ASB 316: Money and Culture (L or SB) |
| ASB 322: Peoples of Latin America ((L or SB) & G) |
| ASB 327: Disaster! ((L or SB) & C) |
| ASB 353: Death and Dying in Cross-Cultural Perspective ((HU or SB) & G) |
| ASB 357: Society Drugs and Health (SB & G) |
| ASB 370: Ethics of Eating (L or SB) or SOS 370: Ethics of Eating (L or SB) |
| ASB 378: Globalization: Migration Mass Media McDonald's ((L or SB) & C) |
| ASB 380: Language Culture and Gender (SB) |
| ASB 394: Culture and Society Transformation |
| ASB 395: Topics in Comparative Culture (SB & G) |
| ASB 452: Community Partnerships for Global Health (SB) |
| ASB 455: Practicum for Social Sciences (SB) |
| ASB 462: Medical Anthropology: Culture and Health (SB & C) |
| ASM 414: Urban and Environmental Health (SB) or SOS 414: Urban and Environmental Health (SB) |

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that

guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map




Anthropology, BS



School/College: The College of Liberal Arts and Sciences

Location: Tempe campus

LAASBBS

| Term 1 0 - 13 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ASB 102: Introduction to Cultural Anthropology (SB & G) OR ASM  104: Bones, Stones, and Human Evolution (SB or SG) OR ASB 222: Buried Cities and Lost Tribes ((HU or SB) & G & H) or ASB 223: Aztecs, Incas and Mayas ((HU or SB) & G & H) | 3-4 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course. Students who do not test into MAT 251 must take the math course they do place into in the first term. Do not take MAT 142, as it is not a prerequisite to MAT 251. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Students must take ASB 102 and ASM 104. They will choose between ASB 222 and ASB 223. • Select your career interest area and play me3@ASU. • Create a first draft resume. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Elective | 3 | | |
| Maintain 2.00 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 13-14 | | |

| Term 2 13 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ASB 102: Introduction to Cultural Anthropology (SB & G) OR ASM  104: Bones, Stones, and Human Evolution (SB or SG) OR ASB 222: Buried Cities and Lost Tribes ((HU or SB) & G & H) or ASB 223: Aztecs, Incas and Mayas ((HU or SB) & G & H) | 4-3 | C | <ul style="list-style-type: none"> • Build your professional connections -- join the ASU Mentor Network. • Join a student club or professional organization. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 251: Calculus for Life Sciences (MA) | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). Maintain 2.00 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 17-16 | | |

| Term 3 30 - 45 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ASB 102: Introduction to Cultural Anthropology (SB & G) OR ASM  104: Bones, Stones, and Human Evolution (SB or SG) OR ASB 222: Buried Cities and Lost Tribes ((HU or SB) & G & H) or ASB 223: Aztecs, Incas and Mayas ((HU or SB) & G & H) | 3-4 | C | <ul style="list-style-type: none"> • Secure a part-time job or volunteer experience. • Develop your skills. |
| ASB OR ASM Elective | 3 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |

Complete 2 courses: 6
 Elective

◆ Complete First-Year Composition requirement.

◆ Complete Mathematics (MA) requirement.

Maintain 2.00 GPA in Critical Tracking Courses.

Term hours subtotal: 15-16

| Term 4 45 - 60 Credit Hours Critical course signified by ◆ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--------------------------|
| ◆ Science and Society Elective | 3 | C | • Explore an internship. |
| ASB OR ASM Elective | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Complete 2 courses: | 6 | | |
| Elective | | | |
| Maintain 2.00 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 15 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ ASM 300: Anthropological Sciences Seminar | 3 | C | • Field school opportunities (archaeological or physical) can count toward major degree requirements. Talk to your advisor for available opportunities. • Develop your professional online presence. |
| ★ ASM Upper Division Elective | 3 | C | |
| Upper Division Science and Society Elective | 3 | C | |
| Complete 2 courses: | 6 | | |
| Elective | | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ASB 394: Statistics for Social Scientists OR ASM 465: Quantification and Analysis for Anthropologists (CS) OR ASM 494: Bayesian | | | • Research employment opportunities. • Complete an in person or virtual practice interview. |
| ★ Statistics in Theory and Practice OR BIO 415: Biometry (CS) OR SOC 390: Social Statistics I (CS) OR STP 420: Introductory Applied Statistics (CS) | 3-4 | C | |
| ASB OR ASM Upper Division Elective | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Complete 2 courses: | 6 | | |
| Elective | | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15-16 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ ASM Upper Division Elective | 3 | C | • Gather professional references. • Apply for full-time career opportunities. |
| ASB OR ASM Upper Division Elective | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Elective OR ASB 484: Internship | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| | | Minimum | |
|--|--|---------|--|
|--|--|---------|--|

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Grade | Notes |
|--|-------|-------|-------|
| ★ Complete 2 courses: ASM Upper Division Elective | 6 | C | |
| Complete 2 courses: Upper Division Elective | 9 | | |
| Term hours subtotal: | 15 | | |

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map




Applied Mathematics for Life and Social Sciences, BS




School/College: The College of Liberal Arts and Sciences



Location: Tempe campus

LAAMLBS



| Term 1 0 - 15 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  AML 100: Introduction to Applied Mathematics for the Life and Social Sciences (MA) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course and eligibility for AML 100 • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Minimum grade of C required in all MAT and STP classes; grade of B or better strongly correlated with timely graduation. • Select your career interest area and play me3@ASU. • Create a first draft resume. |
| BIO 181: General Biology I (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| MAT 270: Calculus with Analytic Geometry I (MA) | 4 | C | |
| Minimum 2.00 GPA in STP and MAT. | | | |
| Term hours subtotal: | 15 | | |




| Term 2 15 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  CSE 100: Principles of Programming with C++ (CS) OR CSE 110: Principles of Programming (CS) | 3 | C | <ul style="list-style-type: none"> • Minimum grade of C required in all MAT and STP classes; grade of B or better strongly correlated with timely graduation. • Use the SB course in this term as a prerequisite for upper-division work in the Social Science track. Recommended courses are found in track list below. • Build your professional connections -- join the ASU Mentor Network. • Join a student club or professional organization. |
| BIO 182: General Biology II (SG) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 271: Calculus with Analytic Geometry II (MA) | 4 | C | |
| Social-Behavioral Sciences (SB) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Minimum 2.00 GPA in STP and MAT. | | | |
| Term hours subtotal: | 17 | | |



| Term 3 32 - 48 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| MAT 272: Calculus with Analytic Geometry III (MA) | 4 | C | <ul style="list-style-type: none"> • Minimum grade of C required in all MAT and STP classes; grade of B or better strongly correlated with timely graduation. • Secure a part-time job or volunteer experience. • Develop your skills. |
| Science and Society Elective | 3 | C | |
| Global Awareness (G) | 3 | | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
|  Complete First-Year Composition requirement. | | | |
|  Complete Mathematics (MA) requirement. | | | |
| Minimum 2.00 GPA in STP and MAT. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 48 - 63 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  AML 253: Introduction to Mathematical Tools and Modeling for the Life and Social Sciences | 3 | C | <ul style="list-style-type: none"> • Minimum grade of C required in all MAT and STP classes; grade of B or better strongly correlated with timely graduation. • Use the SB course in this term to complete a prerequisite for upper-division work in the Social Science track. Recommended courses are found in the track list below. • Explore an internship. |
| MAT 274: Elementary Differential Equations (MA) OR MAT 275: Modern Differential Equations (MA) | 3 | C | |
| STP 420: Introductory Applied Statistics (CS) | 3 | C | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 3 | | |
| Minimum 2.00 GPA in STP and MAT. | | | |
| Term hours subtotal: | 15 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  Upper Division Life Science course | 3 | C | <ul style="list-style-type: none"> • Minimum grade of C required in all MAT and STP classes; grade of B or better strongly correlated with timely graduation. • Develop your professional online presence. |
|  Upper Division Social Science course | 3 | C | |
| STP 421: Probability | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Elective | 3 | | |
| Minimum 2.00 GPA in STP and MAT. | | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  MAT 342: Linear Algebra OR MAT 343: Applied Linear Algebra | 3 | C | <ul style="list-style-type: none"> • Research employment opportunities. • Complete an in person or virtual practice interview. |
|  Upper Division Applied Mathematics course | 3 | C | |
|  Upper Division Life Science course | 3 | C | |
| Upper Division Elective OR ASB 484: Internship | 3 | | |
| Elective | 3 | | |
|  Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Minimum 2.00 GPA in STP and MAT. | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  Upper Division Applied Mathematics course | 3 | C | <ul style="list-style-type: none"> • Gather professional references. • Apply for full-time career opportunities. |
|  Upper Division Social Science course | 3 | C | |
| Upper Division Science and Society Elective | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Minimum 2.00 GPA in STP and MAT. | | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|  AML 406: Directed Reading and Research in Applied Mathematics for the Life and Social Sciences | 3 | C | |

| | |
|----------------------------------|----|
| Upper Division Elective | 3 |
| Complete 2 courses: Elective | 6 |
| Minimum 2.00 GPA in STP and MAT. | |
| Term hours subtotal: | 12 |

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Hide Course List(s)/Track Group(s)

| Recommended SB courses | Upper Division Life Science | Upper Division Social Science |
|---|--|--|
| ASB 102: Introduction to Cultural Anthropology (SB & G) | AML 394: From Cells to Societies or ASB 394: From Cells to Societies or SOS 394: From Cells to Societies | ASB 316: Money and Culture (L or SB) |
| CDE 232: Human Development (SB) | AML 394: Modeling Simulation Neglected Tropical Diseases | ASB 394: Statistics for Social Scientists |
| JUS 105: Introduction to Justice Studies (SB) | ASB 494: Applied Epidemiology | ASM 345: Disease and Human Evolution |
| POS 110: American Government and Politics (SB) | ASM 342: Evolution of Human Behavior or BIO 327: Evolution of Human Behavior | ASM 465: Quantification and Analysis for Anthropologists (CS) |
| PSY 101: Introduction to Psychology (SB) | BIO 302: Cancer--Mother of All Diseases (L) | ASM 494: Bayesian Statistics in Theory and Practice |
| SOC 101: Introductory Sociology (SB) | BIO 321: Introductory Ecology Laboratory | GCU 351: Population Geography (SB & G) |
| | BIO 415: Biometry (CS) | GIS 461: Fundamentals of Spatial Optimization or PUP 481: Fundamentals of Spatial Optimization |
| | BMI 465: Introduction to Comparative Genomics | JUS 301: Research in Justice Studies (SB) |
| | HCD 300: Biostatistics (CS) or PBH 300: Biostatistics (CS) | JUS 302: Statistical Analysis for Justice Studies (CS) |
| | SOS 424: Dynamic Modeling in Social and Ecological Systems | POS 301: Empirical Political Inquiry (SB) or SGS 305: Empirical Political Inquiry (SB) |
| | | POS 401: Political Statistics (CS) or SGS 401: Political Statistics (CS) |
| | | POS 485: Political Economy (SB) |
| | | SOC 331: Environmental Sociology (SB & G) |
| | | SOC 390: Social Statistics I (CS) |
| | | SOC 391: Research Methods (L or SB) |
| | | SOC 448: Epidemics and Society (SB & G) |
| Upper Division Applied Mathematics | | |
| | AML 441: Mathematical Concepts and Tools in Sustainability or SOS 441: Mathematical Concepts and Tools in Sustainability | |
| | AML 494: Modeling with Game Theory | |

MAT 300: Mathematical Structures (L)

MAT 343: Applied Linear Algebra

MAT 355: Introduction to Computational
Molecular Biology (CS) or BIO 355:
Introduction to Computational Molecular
Biology (CS)

MAT 371: Advanced Calculus I

MAT 394: Forensic DNA Analysis

MAT 421: Applied Computational Methods
(CS)

MAT 451: Mathematical Modeling (CS)

MAT 494: Big Data and Mathematical
Modelling

MAT 494: Data Analysis in Neuroscience

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.








2020 - 2021 Major Map

Asia Studies (East Asia), BA



School/College: [The College of Liberal Arts and Sciences](#)



Location: [Tempe campus](#)




LAHSTEABA



| Term 1 0 - 15 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  HST 111: Introduction to Asia (HU & H & G) OR REL 111: Introduction to Asia (HU & H & G) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • ASU Language Placement and Testing: Only true beginners are eligible for 101-level second language courses. All other students are required to take a placement exam, regardless of prior credit earned, to verify the course level is appropriate. Students already proficient in a second language may take a proficiency exam. • Select your Career Interest Communities and play me3@ASU. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of Chinese, Japanese, or Korean language course at the intermediate level (202 or equivalent). | 5 | C | |
| Term hours subtotal: | 15 | | |
| Term 2 15 - 30 Credit Hours Critical course signified by  | | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • Except for courses marked "critical" or "necessary," the sequence of required and elective courses will vary with each student according to individual choices and the schedule of classes. • Join a student club or professional organization. • If interested in law school, review the Pre-Law at ASU website. |
| Across Asia Course | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of Chinese, Japanese, or Korean language course at the intermediate level (202 or equivalent). | 5 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |
| Term 3 30 - 45 Credit Hours Critical course signified by  | | | |
| Outside East Asia Course | 3 | C | <ul style="list-style-type: none"> • Choosing a Social-Behavioral Sciences (SB) course that also satisfies the Cultural Diversity (C) requirement is recommended. • Some General Studies requirements can overlap with major courses, leaving more room for electives. Consult an academic advisor to select the best courses for your personal plan of study. • Explore opportunities to study abroad. |
| Second Language: Requirement satisfied through the following: * Completion of Chinese, Japanese, or Korean language course at the intermediate level (202 or equivalent). | 5 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Elective | 1 | | |
|  Complete First-Year Composition requirement. | | | |
|  Complete Mathematics (MA) requirement. | | | |



Term hours subtotal: 15

| Term 4 45 - 60 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  East Asia Concentration Course | 3 | C | <ul style="list-style-type: none"> • See East Asia Concentration lists below. Students must complete 15 hours of coursework in one concentration (China, Japan or Korea). • Visit Career and Professional Development Services and meet with a career advisor for assistance with career planning and networking. • If interested in law school, make an appointment with the pre-law advisor. |
| Across Asia Course | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of Chinese, Japanese, or Korean language course at the intermediate level (202 or equivalent). | 5 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Term hours subtotal: | 15 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  Upper Division East Asia Concentration Course | 3 | C | <ul style="list-style-type: none"> • For the East Asia Electives, students may choose courses from the East Asia Electives list, additional courses from the chosen concentration, and/or courses from the other two concentrations. • Consider participating in an Undergraduate Research Experience through the School of Historical, Philosophical and Religious Studies or a research opportunity in the Humanities Lab. |
| Upper Division East Asia Elective | 3 | C | |
| Outside East Asia Course | 3 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  Upper Division East Asia Concentration Course | 3 | C | <ul style="list-style-type: none"> • Explore graduate school opportunities. • If planning on law school, prepare to take the LSAT. • Participate in an internship to gain valuable career experience and contacts. For help exploring internship opportunities related to your major, meet with an academic advisor. |
| Upper Division East Asia Elective | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective OR HST 484: Internship | 3 | | |
|  Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  Upper Division East Asia Concentration Course | 3 | C | <ul style="list-style-type: none"> • Use Handshake to research employment opportunities. • Attend career fairs, workshops and related events offered by Career and Professional Development Services. |
| Upper Division Outside East Asia Course | 3 | C | |
| East Asia Elective | 3 | C | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|  HST 496: South, Southeast, and East Asia in the Global Matrix | 3 | C | |
|  Upper Division East Asia Concentration Course | 3 | C | |

Complete 3 courses:
Upper Division Elective

9

Term hours subtotal: 15

- HST 496 is the required capstone course for the major and is only offered in spring terms.
- Take advantage of mock interview opportunities and assistance with writing resumes and cover letters.
- Apply for career opportunities.

- Students must choose an East Asia Concentration of China, Japan or Korea. Please refer to the appropriate list below.
- For the East Asia Electives requirement, in addition to the courses shown in the East Asia Electives list, students may choose more courses from the concentration list or the areas not chosen as concentration (e.g., students completing the Chinese concentration may use courses from the Japanese list, Korean list and/or additional courses from the Chinese list as East Asia electives).

Hide Course List(s)/Track Group(s)

| Across Asia | East Asia Concentration - China | East Asia Concentration - Japan |
|--|--|--|
| ARS 201: Art of Asia (HU & H & G) | ARS 472: Art of China (HU) | ARS 473: Art of Japan (HU) |
| GCU 326: Geography of Asia (SB & G) | ARS 475: Chinese Painting (HU) | HST 108: Introduction to Japan (SB & G & H) |
| HST 106: Asian Civilizations ((HU or SB) & G & H) | CHI 120: Introduction to Chinese Culture (L or HU) or SLC 120: Introduction to Chinese Culture (L or HU) | HST 303: WWII in Asia: Cultures of War (SB & H) |
| HST 303: ASIA: Women in Asia (SB & H) | CHI 307: Introduction to Literary Chinese I (HU) | HST 387: Japan ((L or SB) & H) |
| HST 303: Cold War Asia (SB & H) | CHI 308: Classical Chinese II (HU) | HST 388: Japan (SB & G & H) |
| HST 303: Democracy in Asia (SB & H) | CHI 321: Chinese Literature (HU) | HST 389: Japan Society and Values/Premod |
| HST 303: Empires in Asia (SB & H) | CHI 322: Chinese Literature (HU & G) | JPN 115: Japanese Popular Culture: Anime Manga and Film (G) |
| HST 303: Film and Politics in Colonial Asia (SB & H) | CHI 345: Chinese Film and Civilization | JPN 315: The Language of Japanese Popular Culture I: Gender and Onomatopoeia/Mimesis (G) |
| HST 303: WWII in Asia: Cultures of War (SB & H) | CHI 348: Pathways into Chinese Culture | JPN 316: The Language of Japanese Popular Culture II: Honorifics and Dialects (G) |
| POS 468: Comparative Asian Foreign Policies (SB & G) | CHI 470: Modern Chinese Literature and Culture | JPN 401: Reading Modern Japanese Texts I ((L or HU) & G) |
| REL 345: Asian Religious Traditions (HU & G) | GCU 432: Geography of China (SB & G) | JPN 414: Introduction to Classical Japanese |
| REL 350: Hinduism ((L or HU) & G) | HST 303: The Family in Modern China (SB & H) | JPN 415: Advanced Classical Japanese |
| REL 351: Buddhism ((L or HU) & G) | HST 303: History of Modern China: From Taiping to Tiananmen (SB & H) | JPN 445: Readings in Modern Japanese Letters and Culture |
| | HST 303: Modern China: Personal Narratives and Histories (SB & H) | JPN 485: Literary Translation: Theory and Practice |
| | HST 303: Modern China: Violence (SB & H) | REL 344: Religion and Values in Japanese Life (HU & G) |
| | HST 383: China (SB & H) or CHI 333: China (SB & H) or SLC 333: China (SB & H) | REL 355: Japanese Cities and Cultures to 1800 (HU) |

| | | |
|--|--|--|
| | HST 384: Modern China: 1700 to the Present (SB & G & H) or SLC 334: Modern China: 1700 to the Present (SB & G & H) | SLC 421: Japanese Literature in Translation ((L or HU) & G) |
| | HST 385: History of Chinese Medicine (HU & H & G) | |
| | HST 386: Interpreting China's Classics ((L or HU) & H) or CHI 336: Interpreting China's Classics ((L or HU) & H) or SLC 336: Interpreting China's Classics ((L or HU) & H) | |
| | HST 451: Chinese Cultural History I ((HU or SB) & H) or CHI 451: Chinese Cultural History I ((HU or SB) & H) or SLC 451: Chinese Cultural History I ((HU or SB) & H) | |
| | HST 452: Chinese Cultural History II (SB & G & H) or CHI 452: Chinese Cultural History II (SB & G & H) or SLC 452: Chinese Cultural History II (SB & G & H) | |
| | POS 452: China (SB & G) | |
| | REL 338: The Daoist Bible: The Daode jing (L or HU) or CHI 338: The Daoist Bible: The Daode jing (L or HU) | |
| | REL 343: Daoism ((L or HU) & G & H) or CHI 343: Daoism ((L or HU) & G & H) | |
| | REL 346: Chinese Religions or CHI 346: Chinese Religions | |
| East Asia Concentration - Korea | East Asia Electives | Outside East Asia |
| KOR 250: Korean Culture and Society (HU & G) | HST 303: China Japan & East Asia in World History (SB & H) | ARS 444: Films of India or FMS 426: Films of India |
| KOR 321: Modern Korean Literature (HU) or SLC 321: Modern Korean Literature (HU) | REL 352: Modern Buddhism | ASB 325: Peoples of Southeast Asia (G) |
| KOR 347: Korean Film and Literature (HU) | Students may also choose any courses from the China Japan and Korea concentration lists. These courses must be separate from those taken to fulfill the concentration requirement. | DCE 114: Dances of India I |
| KOR 350: Women of Korea (H) | | GCU 433: Geography of Southeast Asia |
| KOR 375: Intercultural Communication in Korea or SLC 375: Intercultural Communication in Korea | | HST 240: Introduction to Southeast Asia ((HU or SB) & G) or GCU 240: Introduction to Southeast Asia ((HU or SB) & G) or POS 240: Introduction to Southeast Asia ((HU or SB) & G) or REL 240: Introduction to Southeast Asia ((HU or SB) & G) or SGS 240: Introduction to Southeast Asia ((HU or SB) & G) |
| KOR 415: Korean Popular Culture (HU & G) or SLC 415: Korean Popular Culture (HU & G) | | HST 245: Introduction to India and South Asia (HU & H & G) or POS 245: Introduction to India and South Asia (HU & H & G) or REL 245: Introduction to India and South Asia (HU & H & G) or SGS 245: Introduction to India and South Asia (HU & H & G) or SLC 245: Introduction to India and South Asia (HU & H & G) |
| KOR 457: Premodern Korea in a Global Context or SLC 457: Premodern Korea in a Global Context | | HST 302: Envisioning Peace ((HU or SB) & G & H) |
| REL 354: Religions of Korea (HU) or KOR 354: Religions of Korea (HU) | | |

HST 302: Women War and Peace ((HU or SB) & G & H)

HST 391: Modern Southeast Asia (SB & G & H) or SGS 381: Modern Southeast Asia (SB & G & H)

HST 392: Modern India

HST 456: The Vietnam War (SB & G & H)

HST 459: Gandhi and the Politics of Nonviolence

MUP 489: Gamelan

POS 357: South Asia Politics (SB & G)

POS 358: Southeast Asia (SB & G)

REL 347: Religions of India: Peace and Conflict ((L or HU) & G)

REL 348: Religion and Culture in Southeast Asia

REL 350: Hinduism ((L or HU) & G)

REL 357: Theravada Buddhism in South and Southeast Asia ((L or HU) & G)

REL 364: Islam in Eurasia and Central Asia

REL 365: Islamic Civilization (HU & H) or HST 336: Islamic Civilization (HU & H)

REL 366: Islam in the Modern World (HU & G) or HST 339: Islam in the Modern World (HU & G)

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.
- At least 12 upper-division hours in the major must be in courses offered by The College of Liberal Arts and Sciences.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map



Asia Studies (South Asia), BA


School/College: [The College of Liberal Arts and Sciences](#)

Location: [Tempe campus](#)

LAHSTSABA

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  HST 111: Introduction to Asia (HU & H & G) OR REL 111: Introduction to Asia (HU & H & G) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • ASU Language Placement and Testing: Only true beginners are eligible for 101-level second language courses. All other students are required to take a placement exam, regardless of prior credit earned, to ensure the course level is appropriate. Students who are already proficient in a second language may take a proficiency exam. • Depending on the language chosen, students may need to take more or less elective hours to meet the minimum 120 hours needed for graduation. • Select your Career Interest Communities and play me3@ASU. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of Arabic or Hindi language course(s) at the intermediate level (202 or equivalent). | 4-5 | C | |
| Elective | 2-0 | | |
| Term hours subtotal: | 16-15 | | |

| Term 2 16 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • Except for courses marked "critical" or "necessary," the sequence of required and elective courses will vary with each student according to individual choices and the schedule of classes. • Join a student club or professional organization. • If interested in law school, review the Pre-Law at ASU website. |
| Across Asia course | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of Arabic or Hindi language course(s) at the intermediate level (202 or equivalent). | 4-5 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 14-15 | | |

| Term 3 30 - 46 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| HST 245: Introduction to India and South Asia (HU & H & G) or POS 245: Introduction to India and South Asia (HU & H & G) or REL 245: Introduction to India and South Asia (HU & H & G) or SGS 245: Introduction to India and South Asia (HU & H & G) or SLC 245: Introduction to India and South Asia (HU & H & G) OR South Asia Concentration Course | 3 | C | <ul style="list-style-type: none"> • Some General Studies requirements can overlap with major courses, leaving more room for electives. Consult an academic advisor to select the best courses for your personal plan of study. • Explore opportunities to study abroad. |

Second Language: Requirement satisfied through the following: 4-5 C
 * Completion of Arabic or Hindi language course(s) at the intermediate level (202 or equivalent).

| | |
|--|---|
| Computer/Statistics/Quantitative Applications (CS) | 3 |
| Literacy and Critical Inquiry (L) | 3 |
| Social-Behavioral Sciences (SB) | 3 |

❖ Complete First-Year Composition requirement.

❖ Complete Mathematics (MA) requirement.

Term hours subtotal: 16-17

| Term 4 46 - 60 Credit Hours Critical course signified by ❖ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ❖ Outside South Asia course | 3 | C | <ul style="list-style-type: none"> • Visit Career and Professional Development Services and meet with a career advisor for assistance with career planning and networking. • If interested in law school, make an appointment with the pre-law advisor. |
| Across Asia course | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of Arabic or Hindi language course(s) at the intermediate level (202 or equivalent). | 4-5 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Term hours subtotal: | 14-15 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ Upper Division South Asia Concentration course | 3 | C | <ul style="list-style-type: none"> • Choosing a Social-Behavioral Sciences (SB) course that also satisfies the Cultural Diversity (C) requirement is recommended. • Depending on the Second Language chosen, students may need to take more or less elective hours to meet the minimum 120 hours needed for graduation. • Participate in an internship to gain valuable career experience and contacts. For help exploring internship opportunities related to your major, meet with an academic advisor. |
| Upper Division South Asia Elective course | 3 | C | |
| Outside South Asia course | 3 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Elective OR HST 484: Internship | 3-1 | | |
| Term hours subtotal: | 15-13 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ Upper Division South Asia Concentration course | 3 | C | <ul style="list-style-type: none"> • Consider participating in an Undergraduate Research Experience through the School of Historical, Philosophical and Religious Studies or a research opportunity in the Humanities Lab. • Explore graduate school opportunities. • If planning on law school, prepare to take the LSAT. |
| Upper Division South Asia Elective course | 3 | C | |
| South Asia Elective course | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ Upper Division South Asia Concentration course | 3 | C | <ul style="list-style-type: none"> • Use Handshake to research employment opportunities. |
| Upper Division Outside South Asia course | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |

Complete 2 courses:
Upper Division Elective 6

Term hours subtotal: 15

- Attend career fairs, workshops and related events offered by Career and Professional Development Services.

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ HST 496: South, Southeast, and East Asia in the Global Matrix | 3 | C | <ul style="list-style-type: none"> • HST 496 is the required capstone course for the major and is only offered in spring terms. • Take advantage of mock interview opportunities and assistance with writing resumes and cover letters. • Apply for career opportunities. |
| ★ Upper Division South Asia Concentration course | 3 | C | |
| Complete 3 courses: | 9 | | |
| Upper Division Elective | | | |
| Term hours subtotal: | 15 | | |

- For the South Asia Electives requirement, in addition to the courses shown in the South Asia Electives list, students may take any courses in the South Asia Concentration list that were not used to fulfill the concentration.

Hide Course List(s)/Track Group(s)

| Across Asia Courses | South Asia Concentration | South Asia Electives |
|--|--|--|
| ARS 201: Art of Asia (HU & H & G) | ARS 444: Films of India or FMS 426: Films of India | DCE 114: Dances of India I |
| GCU 326: Geography of Asia (SB & G) | HST 245: Introduction to India and South Asia (HU & H & G) or POS 245: Introduction to India and South Asia (HU & H & G) or REL 245: Introduction to India and South Asia (HU & H & G) or SGS 245: Introduction to India and South Asia (HU & H & G) or SLC 245: Introduction to India and South Asia (HU & H & G) | HST 302: Envisioning Peace ((HU or SB) & G & H) |
| HST 106: Asian Civilizations ((HU or SB) & G & H) | HST 392: Modern India | HST 302: Women War and Peace ((HU or SB) & G & H) |
| HST 303: ASIA: Women in Asia (SB & H) | HST 459: Gandhi and the Politics of Nonviolence | POS 468: Comparative Asian Foreign Policies (SB & G) |
| HST 303: The British Empire in Asia (SB & H) | POS 357: South Asia Politics (SB & G) | REL 357: Theravada Buddhism in South and Southeast Asia ((L or HU) & G) |
| HST 303: Cold War Asia (SB & H) | REL 347: Religions of India: Peace and Conflict ((L or HU) & G) | REL 365: Islamic Civilization (HU & H) or HST 336: Islamic Civilization (HU & H) |
| HST 303: Democracy in Asia (SB & H) | REL 350: Hinduism ((L or HU) & G) | REL 366: Islam in the Modern World (HU & G) or HST 339: Islam in the Modern World (HU & G) |
| HST 303: Film and Politics in Colonial Asia (SB & H) | | |
| HST 303: WWII in Asia: Cultures of War (SB & H) | | |
| POS 468: Comparative Asian Foreign Policies (SB & G) | | |
| REL 345: Asian Religious Traditions (HU & G) | | |
| REL 351: Buddhism ((L or HU) & G) | | |
| Outside South Asia | Outside South Asia Continued | |
| ARS 472: Art of China (HU) | JPN 115: Japanese Popular Culture: Anime Manga and Film (G) | |
| ARS 473: Art of Japan (HU) | KOR 250: Korean Culture and Society (HU & G) | |
| ARS 475: Chinese Painting (HU) | | |
| ASB 325: Peoples of Southeast Asia (G) | | |

| | |
|--|--|
| CHI 120: Introduction to Chinese Culture (L or HU) or SLC 120: Introduction to Chinese Culture (L or HU) | KOR 321: Modern Korean Literature (HU) or SLC 321: Modern Korean Literature (HU) |
| CHI 205: Chinese Calligraphy | KOR 347: Korean Film and Literature (HU) |
| CHI 321: Chinese Literature (HU) | KOR 350: Women of Korea (H) |
| CHI 322: Chinese Literature (HU & G) | KOR 375: Intercultural Communication in Korea or SLC 375: Intercultural Communication in Korea |
| CHI 345: Chinese Film and Civilization | KOR 415: Korean Popular Culture (HU & G) or SLC 415: Korean Popular Culture (HU & G) |
| GCU 432: Geography of China (SB & G) | KOR 457: Premodern Korea in a Global Context or SLC 457: Premodern Korea in a Global Context |
| GCU 433: Geography of Southeast Asia | MUP 489: Gamelan |
| HST 108: Introduction to Japan (SB & G & H) | POS 358: Southeast Asia (SB & G) |
| HST 240: Introduction to Southeast Asia ((HU or SB) & G) or GCU 240: Introduction to Southeast Asia ((HU or SB) & G) or POS 240: Introduction to Southeast Asia ((HU or SB) & G) or REL 240: Introduction to Southeast Asia ((HU or SB) & G) or SGS 240: Introduction to Southeast Asia ((HU or SB) & G) | POS 452: China (SB & G) |
| HST 303: China Japan & East Asia in World History (SB & H) | REL 338: The Daoist Bible: The Daode jing (L or HU) or CHI 338: The Daoist Bible: The Daode jing (L or HU) |
| HST 303: The Family in Modern China (SB & H) | REL 343: Daoism ((L or HU) & G & H) or CHI 343: Daoism ((L or HU) & G & H) |
| HST 303: History of Modern China: From Taiping to Tiananmen (SB & H) | REL 344: Religion and Values in Japanese Life (HU & G) |
| HST 303: Modern China: Personal Narratives and Histories (SB & H) | REL 346: Chinese Religions or CHI 346: Chinese Religions |
| HST 303: Modern China: Violence (SB & H) | REL 348: Religion and Culture in Southeast Asia |
| HST 383: China (SB & H) or CHI 333: China (SB & H) or SLC 333: China (SB & H) | REL 352: Modern Buddhism |
| HST 384: Modern China: 1700 to the Present (SB & G & H) or SLC 334: Modern China: 1700 to the Present (SB & G & H) | REL 354: Religions of Korea (HU) or KOR 354: Religions of Korea (HU) |
| HST 385: History of Chinese Medicine (HU & H & G) | REL 355: Japanese Cities and Cultures to 1800 (HU) |
| HST 386: Interpreting China's Classics ((L or HU) & H) or CHI 336: Interpreting China's Classics ((L or HU) & H) or SLC 336: Interpreting China's Classics ((L or HU) & H) | REL 364: Islam in Eurasia and Central Asia |
| HST 387: Japan ((L or SB) & H) | SLC 421: Japanese Literature in Translation ((L or HU) & G) |
| HST 388: Japan (SB & G & H) | |
| HST 389: Japan Society and Values/Premod | |
| HST 391: Modern Southeast Asia (SB & G & H) or SGS 381: Modern Southeast Asia (SB & G & H) | |

HST 451: Chinese Cultural History I ((HU or SB) & H) or CHI 451: Chinese Cultural History I ((HU or SB) & H) or SLC 451: Chinese Cultural History I ((HU or SB) & H)

HST 452: Chinese Cultural History II (SB & G & H) or CHI 452: Chinese Cultural History II (SB & G & H) or SLC 452: Chinese Cultural History II (SB & G & H)

HST 456: The Vietnam War (SB & G & H)

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.
- At least 12 upper-division hours in the major must be in courses offered by The College of Liberal Arts and Sciences.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map



Asia Studies (Southeast Asia), BA



School/College: The College of Liberal Arts and Sciences

Location: Tempe campus

LAHSTSEABA

| Term 1 0 - 15 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  HST 111: Introduction to Asia (HU & H & G) OR REL 111: Introduction to Asia (HU & H & G) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • ASU Language Placement and Testing: Only true beginners are eligible for 101-level second language courses. All other students are required to take a placement exam, regardless of prior credit earned, to ensure the course level is appropriate. Students who are already proficient in a second language may take a proficiency exam. • Select your Career Interest Communities and play me3@ASU. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of Southeast Asian language course(s) (Thai, Vietnamese, or Indonesian) at the intermediate level (202 or equivalent). | 5 | C | |
| Term hours subtotal: | 15 | | |

| Term 2 15 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • Except for courses marked "critical" or "necessary," the sequence of required and elective courses will vary with each student according to individual choices and the schedule of classes. • Join a student club or professional organization. • If interested in law school, review the Pre-Law at ASU website. |
| Across Asia Course | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of Southeast Asian language course(s) (Thai, Vietnamese, or Indonesian) at the intermediate level (202 or equivalent). | 5 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 3 30 - 45 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| GCU 240: Introduction to Southeast Asia ((HU or SB) & G) OR HST 240: Introduction to Southeast Asia ((HU or SB) & G) OR POS 240:  Introduction to Southeast Asia ((HU or SB) & G) OR REL 240: Introduction to Southeast Asia ((HU or SB) & G) OR SGS 240: Introduction to Southeast Asia ((HU or SB) & G) | 3 | C | <ul style="list-style-type: none"> • Some General Studies requirements can overlap with major courses, leaving more room for electives. Consult an academic advisor to select the best courses for your personal plan of study. • Explore opportunities to study abroad. |
| Second Language: Requirement satisfied through the following: * Completion of Southeast Asian language course(s) (Thai, Vietnamese, or Indonesian) at the intermediate level (202 or equivalent). | 5 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |

| | |
|--|----|
| Social-Behavioral Sciences (SB) | 3 |
| Elective | 1 |
| ❗ Complete First-Year Composition requirement. | |
| ❗ Complete Mathematics (MA) requirement. | |
| Term hours subtotal: | 15 |

| Term 4 45 - 60 Credit Hours Critical course signified by ❗ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ❗ Outside Southeast Asia course | 3 | C | <ul style="list-style-type: none"> • Visit Career and Professional Development Services and meet with a career advisor for assistance with career planning and networking. • If interested in law school, make an appointment with the pre-law advisor. |
| Across Asia Course | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of Southeast Asian language course(s) (Thai, Vietnamese, or Indonesian) at the intermediate level (202 or equivalent). | 5 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Term hours subtotal: | 15 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ Upper Division Southeast Asia concentration | 3 | C | <ul style="list-style-type: none"> • Choosing a Social-Behavioral Sciences (SB) course that also satisfies the Cultural Diversity (C) requirement is recommended. • Consider participating in an Undergraduate Research Experience through the School of Historical, Philosophical and Religious Studies or a research opportunity in the Humanities Lab. |
| Upper Division Southeast Asia Elective | 3 | C | |
| Outside Southeast Asia course | 3 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ Upper Division Southeast Asia concentration | 3 | C | <ul style="list-style-type: none"> • Explore graduate school opportunities. • If planning to attend law school, prepare to take the LSAT. • Participate in an internship to gain valuable career experience and contacts. For help exploring internship opportunities related to your major, meet with an academic advisor. |
| Southeast Asia Elective | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective OR HST 484: Internship | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ Upper Division Southeast Asia concentration | 3 | C | <ul style="list-style-type: none"> • Use Handshake to research employment opportunities. • Attend career fairs, workshops and related events offered by Career and Professional Development Services. |
| Upper Division Outside Southeast Asia Course | 3 | C | |
| Upper Division Southeast Asia Elective | 3 | C | |
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | |
|---|---|----|
| ★ HST 496: South, Southeast, and East Asia in the Global Matrix | 3 | C |
| ★ Upper Division Southeast Asia concentration | 3 | C |
| <i>Complete 3 courses:</i> | | |
| Upper Division Elective | 9 | |
| Term hours subtotal: | | 15 |

- HST 496 is the required capstone course for the major and is only offered in spring terms.
- Take advantage of mock interview opportunities and assistance with writing resumes and cover letters.
- Apply for career opportunities.

- For the Southeast Asia Electives requirement, in addition to the courses shown in the Southeast Asia Electives list, students may take any courses in the Southeast Asia Concentration list that were not used to fulfill the concentration.

Hide Course List(s)/Track Group(s)

| Across Asia | Southeast Asia Concentration | Southeast Asia Electives |
|--|--|---|
| ARS 201: Art of Asia (HU & H & G) | ASB 325: Peoples of Southeast Asia (G) | HST 303: Film and Politics in Colonial Asia (SB & H) |
| GCU 326: Geography of Asia (SB & G) | GCU 433: Geography of Southeast Asia | HST 456: The Vietnam War (SB & G & H) |
| HST 106: Asian Civilizations ((HU or SB) & G & H) | HST 391: Modern Southeast Asia (SB & G & H) or SGS 381: Modern Southeast Asia (SB & G & H) | MUP 489: Gamelan |
| HST 303: ASIA: Women in Asia (SB & H) | POS 358: Southeast Asia (SB & G) | POS 468: Comparative Asian Foreign Policies (SB & G) |
| HST 303: Cold War Asia (SB & H) | REL 348: Religion and Culture in Southeast Asia | REL 352: Modern Buddhism |
| HST 303: Democracy in Asia (SB & H) | | REL 357: Theravada Buddhism in South and Southeast Asia ((L or HU) & G) |
| HST 303: Empires in Asia (SB & H) | | |
| HST 303: Film and Politics in Colonial Asia (SB & H) | | |
| HST 303: WWII in Asia: Cultures of War (SB & H) | | |
| POS 468: Comparative Asian Foreign Policies (SB & G) | | |
| REL 345: Asian Religious Traditions (HU & G) | | |
| REL 350: Hinduism ((L or HU) & G) | | |
| REL 351: Buddhism ((L or HU) & G) | | |
| Outside Southeast Asia | | |
| ARS 444: Films of India or FMS 426: Films of India | | |
| ARS 472: Art of China (HU) | | |
| ARS 473: Art of Japan (HU) | | |
| ARS 475: Chinese Painting (HU) | | |
| CHI 120: Introduction to Chinese Culture (L or HU) or SLC 120: Introduction to Chinese Culture (L or HU) | | |

CHI 205: Chinese Calligraphy

CHI 321: Chinese Literature (HU)

CHI 322: Chinese Literature (HU & G)

CHI 345: Chinese Film and Civilization

DCE 114: Dances of India I

GCU 432: Geography of China (SB & G)

HST 108: Introduction to Japan (SB & G & H)

HST 245: Introduction to India and South Asia (HU & H & G) or POS 245: Introduction to India and South Asia (HU & H & G) or REL 245: Introduction to India and South Asia (HU & H & G) or SGS 245: Introduction to India and South Asia (HU & H & G) or SLC 245: Introduction to India and South Asia (HU & H & G)

HST 302: Envisioning Peace ((HU or SB) & G & H)

HST 302: Women War and Peace ((HU or SB) & G & H)

HST 303: China Japan & East Asia in World History (SB & H)

HST 303: History of Modern China: From Taiping to Tiananmen (SB & H)

HST 303: Modern China: Personal Narratives and Histories (SB & H)

HST 303: Modern China: Violence (SB & H)

HST 303: The Family in Modern China (SB & H)

HST 383: China (SB & H) or CHI 333: China (SB & H) or SLC 333: China (SB & H)

HST 384: Modern China: 1700 to the Present (SB & G & H) or SLC 334: Modern China: 1700 to the Present (SB & G & H)

HST 385: History of Chinese Medicine (HU & H & G)

HST 386: Interpreting China's Classics ((L or HU) & H) or CHI 336: Interpreting China's Classics ((L or HU) & H) or SLC 336: Interpreting China's Classics ((L or HU) & H)

HST 387: Japan ((L or SB) & H)

HST 388: Japan (SB & G & H)

HST 389: Japan Society and Values/Premod

HST 392: Modern India

HST 451: Chinese Cultural History I ((HU or SB) & H) or CHI 451: Chinese Cultural History I ((HU or SB) & H) or SLC 451: Chinese Cultural History I ((HU or SB) & H)

HST 452: Chinese Cultural History II (SB & G & H) or CHI 452: Chinese Cultural History II (SB & G & H) or SLC 452: Chinese Cultural History II (SB & G & H)

HST 459: Gandhi and the Politics of Nonviolence

JPN 115: Japanese Popular Culture: Anime Manga and Film (G)

KOR 250: Korean Culture and Society (HU & G)

KOR 321: Modern Korean Literature (HU) or SLC 321: Modern Korean Literature (HU)

KOR 347: Korean Film and Literature (HU)

KOR 350: Women of Korea (H)

KOR 375: Intercultural Communication in Korea or SLC 375: Intercultural Communication in Korea

KOR 415: Korean Popular Culture (HU & G) or SLC 415: Korean Popular Culture (HU & G)

KOR 457: Premodern Korea in a Global Context or SLC 457: Premodern Korea in a Global Context

POS 357: South Asia Politics (SB & G)

POS 452: China (SB & G)

REL 338: The Daoist Bible: The Daode jing (L or HU) or CHI 338: The Daoist Bible: The Daode jing (L or HU)

REL 343: Daoism ((L or HU) & G & H) or CHI 343: Daoism ((L or HU) & G & H)

REL 344: Religion and Values in Japanese Life (HU & G)

REL 346: Chinese Religions or CHI 346: Chinese Religions

REL 347: Religions of India: Peace and Conflict ((L or HU) & G)

REL 350: Hinduism ((L or HU) & G)

REL 354: Religions of Korea (HU) or KOR 354: Religions of Korea (HU)

REL 355: Japanese Cities and Cultures to 1800 (HU)

REL 364: Islam in Eurasia and Central Asia

REL 365: Islamic Civilization (HU & H) or
HST 336: Islamic Civilization (HU & H)

REL 366: Islam in the Modern World (HU &
G) or HST 339: Islam in the Modern World
(HU & G)

SLC 421: Japanese Literature in Translation
(L or HU) & G)

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.
- At least 12 upper-division hours in the major must be in courses offered by The College of Liberal Arts and Sciences.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map



Asian Languages (Chinese), BA




School/College: The College of Liberal Arts and Sciences

Location: Tempe campus

LACHIBA

| Term 1 0 - 15 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  SLC 201: Introduction to Linguistics (HU or SB) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • ASU Language Placement: Only true beginners are eligible to take 101-level language courses. Students with previous experience in the language are required to take a language placement test. • Students may opt to take CHI 110 Intensive Chinese I (8 credit course equivalent to CHI 101 and CHI 102) in Term 1. • Learn about the Chinese Language Flagship Program. • Engage in Chinese at ASU. Come to the SILC Cafe. |
| CHI 101: First-Year Chinese I (G) | 5-8 | C | |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Maintain 2.33 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 15-18 | | |

| Term 2 15 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| CHI 102: First-Year Chinese II (G) | 5-8 | C | <ul style="list-style-type: none"> • Students interested in the Chinese Flagship Program should meet with a Flagship representative. • Meet with a School of International Letters and Cultures academic advisor to discuss the best study abroad options for your major. • Attend a Financing Your Study Abroad Program Workshop. • Join a student club or professional organization. • Students who have taken CHI 110 may take CHI 210 Intensive Chinese II (8 credit intensive course equivalent to CHI 201 and CHI 202) in Term 2. |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Elective | 4 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Maintain 2.33 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 15-18 | | |

| Term 3 30 - 45 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  CHI 120: Introduction to Chinese Culture (L or HU) | 3 | C | <ul style="list-style-type: none"> • Meet with a School of International Letters and Cultures academic advisor to discuss the best study abroad options for your major. • Learn about language-specific scholarship opportunities. |
| CHI 201: Second-Year Chinese I (G) | 5-8 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
|  Complete First-Year Composition requirement. | | | |

❖ Complete Mathematics (MA) requirement.

Maintain 2.33 GPA in Critical Tracking Courses.

Term hours subtotal: 15-18

- Learn about [internships](#) for language and culture majors.

| Term 4 45 - 60 Credit Hours Critical course signified by ❖ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ❖ SLC 202: Introduction to Literary and Cultural Theory | 3 | C | <ul style="list-style-type: none"> • A Chinese Flagship representative can provide you information about opportunities available to students in the program. • Explore your career interest area. • Learn about research opportunities through the ASU Humanities Lab. |
| CHI 202: Second-Year Chinese II (G) | 5-8 | C | |
| Historical Awareness (H) | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Maintain 2.33 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 15-18 | | |

| Term 5 60 - 74 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ CHI 301: Third-Year Chinese I (G) | 5 | C | <ul style="list-style-type: none"> • Minimum grade of "C" required in all CHI, SLC and East-Asian Related Fields courses. • Learn about national scholarships, fellowships and research opportunities. |
| ★ CHI 321: Chinese Literature (HU) OR CHI 322: Chinese Literature (HU & G) | 3 | C | |
| China Related Area | 3 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 14 | | |

| Term 6 74 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ CHI 302: Third-Year Chinese II (G) | 5 | C | <ul style="list-style-type: none"> • Minimum grade of "C" required in all CHI, SLC and East-Asian Related Fields courses. • Enroll in listed courses or in a School of International Letters and Cultures recommended program abroad. • Use Handshake to research employment opportunities. |
| CHI 321: Chinese Literature (HU) OR CHI 322: Chinese Literature (HU & G) | 3 | C | |
| China Related Area | 3 | C | |
| Upper Division Elective | 2 | | |
| Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ CHI 307: Introduction to Literary Chinese I (HU) | 3 | C | <ul style="list-style-type: none"> • Minimum grade of "C" required in all CHI, SLC and East-Asian Related Fields courses. • Attend an ASU Career and Professional Development Services workshop or Job Fair. |
| ★ CHI 380: The Chinese Language | 3 | C | |
| Complete 2 courses: | | | |
| ★ Upper Division Chinese Language, Literature, and Linguistics Elective Courses | 6 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ CHI 308: Classical Chinese II (HU) | 3 | C | <ul style="list-style-type: none"> • Minimum grade of "C" required in all CHI, SLC and East-Asian Related Fields courses. |
| ★ Upper Division Chinese Language, Literature, and Linguistics Elective Courses | 3 | C | |

| | | |
|--|----|---|
| ★ 4** 400-Level SLC Required Culture Course | 3 | C |
| China Related Area | 3 | C |
| Upper Division Elective OR SLC 484: Internship | 3 | |
| Term hours subtotal: | 15 | |

- Apply for full-time career opportunities.

- Select nine hours from the Upper Division Chinese Language, Linguistics, or Literature Courses listed. Students who desire a linguistics emphasis should select CHI 482 plus three hours of language courses. Students who want to emphasize literature should select nine hours of literature courses. All students must take at least six units of Chinese electives at the 400 level or above.
- SLC 400-level language courses may not be used to satisfy the SLC 400-Level Required Course Option.

Hide Course List(s)/Track Group(s)

| SLC 400-Level Required Culture Course | China Related Area | Upper-division Chinese Language Literature and Linguistics Elective Courses |
|--|---|---|
| SLC 414: French and Italian Popular Culture ((L or HU) & G) | ARS 201: Art of Asia (HU & H & G) | CHI 333: China (SB & H) |
| SLC 415: Korean Popular Culture (HU & G) | ARS 472: Art of China (HU) | CHI 336: Interpreting China's Classics ((L or HU) & H) |
| SLC 421: Ghosts Monsters and Supernatural in Jpn Lit&Film ((L or HU) & G) | ARS 475: Chinese Painting (HU) | CHI 338: The Daoist Bible: The Daode jing (L or HU) |
| SLC 421: Japanese Film and Animation 1945-present ((L or HU) & G) | CHI 333: China (SB & H) | CHI 348: Pathways into Chinese Culture |
| SLC 421: Japanese Literature in Translation ((L or HU) & G) | CHI 336: Interpreting China's Classics ((L or HU) & H) | CHI 401: Fourth-Year Chinese I (G) |
| SLC 421: Samurai and Geisha ((L or HU) & G) | CHI 338: The Daoist Bible: The Daode jing (L or HU) | CHI 402: Fourth-Year Chinese II (G) |
| SLC 423: Italian Organized Crime in Films and History ((L or HU) & G) | CHI 343: Daoism ((L or HU) & G & H) | CHI 407: Chinese for Academic and Professional Purposes I (G) |
| SLC 425: What is Globalization? A History of Contact and Conflict (HU & G) | CHI 451: Chinese Cultural History I ((HU or SB) & H) | CHI 408: Chinese for Academic and Professional Purposes II (G) |
| SLC 429: Studies in European Literature and Culture ((L or HU) & G & H) | CHI 452: Chinese Cultural History II (SB & G & H) | CHI 470: Modern Chinese Literature and Culture |
| SLC 439: Art in Exile: VladĀ-mir VladĀ-mirovich Nabokov (L or HU) | HST 384: Modern China: 1700 to the Present (SB & G & H) | CHI 482: History of the Chinese Language |
| SLC 441: Fairy Tales (HU & G) | REL 345: Asian Religious Traditions (HU & G) | |
| SLC 442: Dracula and Vampire Lore (HU) | REL 351: Buddhism ((L or HU) & G) | |
| SLC 444: Heroes Ancient and Modern (L or HU) | | |
| SLC 445: The Holocaust in German-Mediated Memory | | |
| SLC 446: Weimar-Era German Film | | |
| SLC 447: German Modernism | | |
| SLC 450: Experimental Narrative | | |

SLC 451: Chinese Cultural History I ((HU or SB) & H)

SLC 452: Chinese Cultural History II (SB & G & H)

SLC 455: Berlin: Migration Arts and Activism (G)

SLC 457: Premodern Korea in a Global Context

SLC 459: Latin American Jewish Culture

SLC 465: Intercultural Communicative Competence

SLC 475: Latin American Film ((L or HU) & G)

SLC 494: Special Topics

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map




Asian Languages (Chinese) - Chinese Flagship, BA

School/College: [The College of Liberal Arts and Sciences](#)

Location: [Tempe campus](#)

LACHIBA






| Term 1 0 - 15 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  SLC 201: Introduction to Linguistics (HU or SB) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Learn about Chinese intensive language courses. Students may opt to take CHI 110 (8 credit course equivalent to CHI 101 and CHI 102) in Term 1. • ASU Language Placement: Students with previous experience in the language are required to take a language placement test. • Engage in Chinese at ASU. Practice your language skills at the SILC Cafe. |
| CHI 101: First-Year Chinese I (G) | 5-8 | C | |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Term hours subtotal: | 15-18 | | |





| Term 2 15 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| CHI 102: First-Year Chinese II (G) | 5-8 | C | <ul style="list-style-type: none"> • Newly accepted Flagship students should schedule a meeting with an academic advisor and a Flagship coordinator to create a semester-by-semester plan of study for all required courses for graduation. • Create a Handshake account and explore your career interest area. • Attend a Financing Your Study Abroad Program workshop. • Students who have taken CHI 110 may opt to take CHI 210 (equivalent to CHI 201 and CHI 202) in Term 2. |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Maintain 2.33 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 15-18 | | |





| Summer 2 Session 1 30 - 35 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| CHI 201: Second-Year Chinese I (G) | 5-8 | C | <ul style="list-style-type: none"> • To remain on track for graduation, Flagship students are expected to participate in a Flagship domestic or abroad approved language program in Summer 2. |
| Term hours subtotal: | 5-8 | | |

| Summer 2 Session 2 35 - 40 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| CHI 202: Second-Year Chinese II (G) | 5-8 | C | |
| Term hours subtotal: | 5-8 | | |


- To remain on track for graduation, Flagship students are expected to participate in a Flagship **approved language program** away from ASU in Summer 2.

| Term 3 40 - 54 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  CHI 120: Introduction to Chinese Culture (L or HU) | 3 | C | <ul style="list-style-type: none"> • Flagship students should schedule a meeting with an academic advisor and a Flagship coordinator to create a semester-by-semester plan of study for all required courses for graduation. • Learn about research opportunities through the ASU Humanities Lab. |
|  CHI 301: Third-Year Chinese I (G) | 5 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
|  Complete First-Year Composition requirement. | | | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 14 | | |

| Term 4 54 - 69 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  CHI 302: Third-Year Chinese II (G) | 5 | C | <ul style="list-style-type: none"> • Learn about internships, scholarships and awards for language majors. • Flagship students may participate in a Flagship approved language program away from ASU in the summer between Terms 4 and 5. |
|  SLC 202: Introduction to Literary and Cultural Theory | 3 | C | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
|  Maintain 2.33 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 15 | | |

| Term 5 69 - 84 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  CHI 307: Introduction to Literary Chinese I (HU) | 3 | C | <ul style="list-style-type: none"> • Enroll in Study Abroad Program credits or listed courses. • China Related Content Courses must be taught in Chinese. Consult your academic advisor or Flagship coordinator when choosing your content courses. • Develop your professional online presence. |
|  CHI 401: Fourth-Year Chinese I (G) | 3 | C | |
|  Upper Division China Related Content Courses | 3 | C | |
| Upper Division Chinese Literature and Linguistics Course | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 84 - 96 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  CHI 308: Classical Chinese II (HU) | 3 | C | <ul style="list-style-type: none"> • Enroll in Study Abroad Program credits or listed courses. • Learn about national scholarships, fellowships, and research opportunities through the Humanities Lab. • Attend an ASU Career and Professional Development Services workshop or job fair. • Use Handshake to research employment opportunities |
|  CHI 402: Fourth-Year Chinese II (G) | 3 | C | |
| CHI 380: The Chinese Language | 3 | C | |
| Elective | 3 | | |
|  Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 12 | | |

| Term 7 96 - 108 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|---|----|---|
| ★ CHI 407: Chinese for Academic and Professional Purposes I (G) | 3 | C |
| 4** (400-Level) Chinese Literature and Linguistics Course | 3 | C |
| Upper Division China Related Content Courses | 3 | C |
| Elective | 3 | |
| Term hours subtotal: | 12 | |

- All Flagship students must spend their final terms 7 and 8 in China for their capstone year abroad participating in a Flagship approved program at [National Taiwan University](#) or [Nanjing University](#).
- China related content courses must be taught in Chinese.
- Gather [professional references](#).

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ CHI 408: Chinese for Academic and Professional Purposes II (G) | 3 | C | <ul style="list-style-type: none"> • All Flagship students must spend their final terms 7 and 8 in China for their capstone year abroad participating in a Flagship approved program at National Taiwan University or Nanjing University. |
| ★ SLC 498: Pro-Seminar | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Elective OR SLC 484: Internship | 3 | | |
| Term hours subtotal: | 12 | | |

- Flagship students are required to complete two China Related Area "Content Courses" taught in the Chinese language. Students are required to take a one-credit Chinese Writing Module to accompany China Related Area "Content Courses" that are taught in English. See department advisor or Flagship program director for additional course offerings.

Hide Course List(s)/Track Group(s)

| Upper-Division China Related Content Courses | Chinese Literature and Linguistics Courses |
|---|--|
| ARS 472: Art of China (HU) | CHI 321: Chinese Literature (HU) |
| CHI 333: China (SB & H) | CHI 322: Chinese Literature (HU & G) |
| CHI 336: Interpreting China's Classics ((L or HU) & H) | CHI 336: Interpreting China's Classics ((L or HU) & H) |
| CHI 338: The Daoist Bible: The Daode jing (L or HU) | CHI 338: The Daoist Bible: The Daode jing (L or HU) |
| CHI 343: Daoism ((L or HU) & G & H) | CHI 348: Pathways into Chinese Culture |
| CHI 345: Chinese Film and Civilization | CHI 451: Chinese Cultural History I ((HU or SB) & H) |
| CHI 348: Pathways into Chinese Culture | CHI 452: Chinese Cultural History II (SB & G & H) |
| CHI 394: Special Topics | CHI 470: Modern Chinese Literature and Culture |
| CHI 451: Chinese Cultural History I ((HU or SB) & H) | CHI 482: History of the Chinese Language |
| CHI 452: Chinese Cultural History II (SB & G & H) | |
| CHI 494: Special Topics | |
| HST 384: Modern China: 1700 to the Present (SB & G & H) | |
| REL 345: Asian Religious Traditions (HU & G) | |

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map




Asian Languages (Japanese), BA






School/College: [The College of Liberal Arts and Sciences](#)

Location: [Tempe campus](#)

LAJPNBA

| Term 1 0 - 15 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  SLC 201: Introduction to Linguistics (HU or SB) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • ASU Language Placement: Only true beginners are eligible for 101-level courses. Students with previous experience in the language are required to take a language placement test. • Learn about Japanese intensive language courses. Students may opt to take JPN 110 Intensive Japanese I (8 credit course equivalent to JPN 101 and JPN 102) in Term 1. • Engage in Japanese at ASU. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| JPN 101: First-Year Japanese I (G) | 5-8 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
|  Maintain 2.33 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 15-18 | | |

| Term 2 15 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • Start planning your study abroad experience. Meet with a SILC advisor to learn about major-specific study abroad programs in Japan. • Attend a Financing Your Study Abroad Program Workshop. • Explore your career interest area. • Students may opt to take JPN 210 Intensive Japanese II (8 credit course equivalent to JPN 201 and JPN 202) in Term 2 if credit has been earned in JPN 110 or JPN 102. |
| JPN 102: First-Year Japanese II (G) | 5-8 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Elective | 4 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Maintain 2.33 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 15-18 | | |

| Term 3 30 - 45 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  JPN 201: Second-Year Japanese I (G) | 5 | C | <ul style="list-style-type: none"> • Develop your skills. • Learn about research opportunities through the ASU Humanities Lab. |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
|  Complete First-Year Composition requirement. | | | |
|  Complete Mathematics (MA) requirement. | | | |
|  Maintain 2.33 GPA in Critical Tracking Courses. | | | |

Term hours subtotal: 15

| Term 4 45 - 60 Credit Hours Critical course signified by ⚠ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ⚠ JPN 202: Second-Year Japanese II (G) | 5 | C | <ul style="list-style-type: none"> • Meet with a School of International Letters and Cultures academic advisor to discuss the best study abroad options for your major. |
| ⚠ SLC 202: Introduction to Literary and Cultural Theory | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| ⚠ Maintain 2.33 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | | 15 | |

| Term 5 60 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ JPN 301: Third-Year Japanese I (G) | 3 | C | <ul style="list-style-type: none"> • Enroll in listed courses or participate in a School of International Letters and Cultures endorsed program abroad for your major. • Many upper-division elective courses have prerequisites which may be taken as electives in earlier semesters. • Learn about internship, scholarship and award opportunities for language and culture majors. |
| ★ CHI OR KOR Elective | 3 | C | |
| SLC 421: Japanese Literature in Translation ((L or HU) & G) | 3 | C | |
| Related Area Course | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | | 15 | |

| Term 6 75 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ JPN 302: Third-Year Japanese II (G) | 3 | C+ | <ul style="list-style-type: none"> • Enroll in listed courses or participate in a School of International Letters and Cultures endorsed program abroad for your major. • Many upper-division elective courses have prerequisites which may be taken as electives in earlier semesters. • Learn about national scholarships, fellowships, and research opportunities. • Use Handshake to research employment opportunities. |
| ★ Upper Division JPN Restricted Electives | 3 | C | |
| ★ CHI OR KOR Elective | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | | 15 | |

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ JPN 401: Reading Modern Japanese Texts I ((L or HU) & G) | 3 | C | <ul style="list-style-type: none"> • Learn about internship opportunities in Japanese • Gather professional references |
| ★ JPN 414: Introduction to Classical Japanese | 3 | C | |
| Complete 3 courses: | | | |
| Upper Division Elective | 9 | | |
| Term hours subtotal: | | 15 | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ 4** (400-Level) Japanese Elective | 3 | C | <ul style="list-style-type: none"> • Attend a Career Services workshop or Job Fair. |
| ★ 4** (400-Level) SLC Required Culture Course Option | 3 | C | |
| ★ Upper Division JPN Restricted Electives | 3 | C | |
| Complete 2 courses: | | | |

Term hours subtotal: 15

- SLC language and/or translation courses may not be used for the SLC 400-Level Required Course Option.

Hide Course List(s)/Track Group(s)

| Upper-division JPN Restricted Electives | SLC 400-Level Required Culture Course Option | Japanese 400-Level Elective |
|--|--|--|
| JPN 309: Japanese Oral Communication I | | JPN 415: Advanced Classical Japanese |
| JPN 310: Japanese Oral Communication II | SLC 414: French and Italian Popular Culture ((L or HU) & G) | JPN 445: Readings in Modern Japanese Letters and Culture |
| JPN 311: Japanese Composition I (G) | SLC 415: Korean Popular Culture (HU & G) | JPN 484: Internship |
| JPN 333: Japanese Civilization from the Ice Age to Last Thursday | SLC 423: Italian Organized Crime in Films and History ((L or HU) & G) | JPN 485: Literary Translation: Theory and Practice |
| JPN 394: Special Topics | SLC 425: What is Globalization? A History of Contact and Conflict (HU & G) | JPN 493: Honors Thesis (L) |
| JPN 415: Advanced Classical Japanese | SLC 429: Studies in European Literature and Culture ((L or HU) & G & H) | JPN 494: Special Topics |
| JPN 445: Readings in Modern Japanese Letters and Culture | SLC 439: Art in Exile: VladĀ-mir VladĀ-mirovich Nabokov (L or HU) | JPN 499: Individualized Instruction |
| JPN 485: Literary Translation: Theory and Practice | SLC 441: Fairy Tales (HU & G) | |
| JPN 494: Special Topics | SLC 442: Dracula and Vampire Lore (HU) | |
| | SLC 444: Heroes Ancient and Modern (L or HU) | |
| | SLC 445: The Holocaust in German-Mediated Memory | |
| | SLC 446: Weimar-Era German Film | |
| | SLC 447: German Modernism | |
| | SLC 450: Experimental Narrative | |
| | SLC 451: Chinese Cultural History I ((HU or SB) & H) | |
| | SLC 452: Chinese Cultural History II (SB & G & H) | |
| | SLC 455: Berlin: Migration Arts and Activism (G) | |
| | SLC 457: Premodern Korea in a Global Context | |
| | SLC 459: Latin American Jewish Culture | |
| | SLC 465: Intercultural Communicative Competence | |
| | SLC 475: Latin American Film ((L or HU) & G) | |

SLC 494: Special Topics

| Related Area Course |
|--|
| ARS 472: Art of China (HU) |
| ARS 473: Art of Japan (HU) |
| ARS 475: Chinese Painting (HU) |
| CHI 120: Introduction to Chinese Culture (L or HU) |
| CHI 333: China (SB & H) |
| CHI 336: Interpreting China's Classics ((L or HU) & H) |
| CHI 338: The Daoist Bible: The Daode jing (L or HU) |
| CHI 343: Daoism ((L or HU) & G & H) |
| CHI 345: Chinese Film and Civilization |
| CHI 451: Chinese Cultural History I ((HU or SB) & H) |
| CHI 452: Chinese Cultural History II (SB & G & H) |
| GCU 326: Geography of Asia (SB & G) |
| GCU 432: Geography of China (SB & G) |
| HST 106: Asian Civilizations ((HU or SB) & G & H) |
| HST 387: Japan ((L or SB) & H) |
| HST 389: Japan Society and Values/Premod |
| KOR 250: Korean Culture and Society (HU & G) |
| KOR 321: Modern Korean Literature (HU) |
| KOR 347: Korean Film and Literature (HU) |
| KOR 350: Women of Korea (H) |
| KOR 354: Religions of Korea (HU) |
| KOR 375: Intercultural Communication in Korea |
| KOR 394: Special Topics |
| KOR 415: Korean Popular Culture (HU & G) |
| KOR 457: Premodern Korea in a Global Context |
| POS 452: China (SB & G) |
| POS 468: Comparative Asian Foreign Policies (SB & G) |

REL 344: Religion and Values in Japanese
Life (HU & G)

REL 351: Buddhism ((L or HU) & G)

REL 483: Religion and Science

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map




Asian Pacific American Studies, BA





School/College: [The College of Liberal Arts and Sciences](#)













Location: [Tempe campus](#)

LAAPABA

| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  APA 200: Introduction to Asian Pacific American Studies ((HU or SB) & C) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. • Create your Handshake account. • Select your career interest area and play me3@asu.edu. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  Related Area Courses | 3 | C | <ul style="list-style-type: none"> • Create a first draft resume |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 44 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|  APA Elective | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
|  Complete First-Year Composition requirement. | | | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 14 | | |

| Term 4 44 - 60 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  Related Area Courses | 3 | C | <ul style="list-style-type: none"> Explore an internship -- call our advising office at 480-965-7682 to schedule an appointment with our internship coordinator. |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Elective | 2 | | |
| Term hours subtotal: | 16 | | |
| Term 5 60 - 75 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|  APA 360: Asian Pacific American Experience ((HU or SB) & C) | 3 | C | |
| APA 450: Asian Pacific American Contemporary Issues (SB & C) | 3 | C | |
| Upper Division Related Area Courses | 3 | C | |
| APA Upper Division Elective | 3 | C | |
| Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 15 | | |
| Term 6 75 - 90 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|  APA 484: Internship | 3 | C | <ul style="list-style-type: none"> APA 484 Internship requires departmental approval for enrollment. Gather professional references. |
|  APA Upper Division Elective | 3 | C | |
| Upper Division Related Area Courses | 3 | C | |
| Complete 2 courses: Upper Division Elective | 6 | | |
|  Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |
| Term 7 90 - 105 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|  APA Upper Division Elective | 3 | C | <ul style="list-style-type: none"> Apply for full-time career opportunities |
| Upper Division Related Area Courses | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Complete 2 courses: Elective | 6 | | |
| Term hours subtotal: | 15 | | |
| Term 8 105 - 120 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|  APA 499: Individualized Instruction | 3 | C | <ul style="list-style-type: none"> APA 499 Individualized Instruction is a capstone research project determined in consultation with faculty advisor and required by end of term 8 |
| APA Upper Division Elective | 3 | C | |
| Upper Division Elective | 3 | | |
| Complete 2 courses: Elective | 6 | | |
| Term hours subtotal: | 15 | | |

Hide Course List(s)/Track Group(s)

Related Area Courses

AFR 370: Family Ethnic and Cultural Diversity (SB & C)

APA Elective

ASB 202: Immigration and Ethnic Relations in the U.S. (SB & C)

COM 371: Language Culture and Communication (SB & C & G)

ENG 333: American Ethnic Literature ((L or HU) & C)

ENG 460: Ethnic Women Writers

HST 325: Immigration and Ethnicity in the United States (SB & H & C)

JUS 320: Community and Social Justice (SB & C)

JUS 325: Globalization and Socio-Economic Justice (SB & G)

JUS 350: Immigration and Justice (SB & C)

JUS 405: Inequality Economy and Justice ((L or SB) & G)

JUS 432: Racial Justice (L)

POS 439: Minority Group Politics in America (SB & C)

SBS 301: Cultural Diversity ((L or SB) & C)

SBS 339: Grassroots Social Movements (SB)

TCL 327: Health and Migration (SB)

TCL 410: Race Medicine and the Body (L)

WST 378: Global Feminist Theory (L & G)

WST 380: Race Gender and Class (SB & C)

WST 420: Women of Color in Film (HU & C)

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

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General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.










2020 - 2021 Major Map

Astronomical and Planetary Sciences, BS

School/College: [The College of Liberal Arts and Sciences](#)

Location: [Online](#)

LAASPLSBS

| Term 1 - A 0 - 11 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  AST 111: Introduction to Solar Systems Astronomy (SQ) AND AST 113: Astronomy Laboratory I (SQ) | 4 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement into mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar is required for all first-year students. • AST 111 and AST 113 are Session C courses (15 weeks long). |
| ASU 101-UC: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 170: Precalculus (MA) | 3 | C | |
| Term hours subtotal: | 11 | | |
| Term 1 - B 11 - 17 Credit Hours | Hours | Minimum Grade | Notes |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | <ul style="list-style-type: none"> • View ASU Online first-year student registration information here. |
| Elective | 3-2 | | |
| Term hours subtotal: | 6-5 | | |
| Term 2 - A 17 - 27 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  AST 112: Introduction to Stars, Galaxies, and Cosmology (SQ) AND AST 114: Astronomy Laboratory II (SQ) | 4 | C | <ul style="list-style-type: none"> • AST 112 and AST 114 are Session C courses (15 weeks long). • Select your career interest areas and play me3@ASU. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 210: Brief Calculus (MA) | 3 | C | |
| Term hours subtotal: | 10 | | |
| Term 2 - B 27 - 33 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Elective | 3-2 | | |
|  Complete ENG 101 or ENG 105 or ENG 107 course(s) | | | |
| Term hours subtotal: | 6-5 | | |
| Term 3 - A 33 - 40 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ) | 4 | C | <ul style="list-style-type: none"> • Review the Career Guide for ASU Online Students to learn about available career planning resources. |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 7 | | |
| Term 3 - B 40 - 47 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |

| | | |
|--|---|---|
| PHY 112: General Physics (SQ) AND PHY 114: General Physics Laboratory (SQ) | 4 | C |
| Science and Society Elective | 3 | C |
| ♦ Complete First-Year Composition requirement. | | |
| ♦ Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 7 | |

| Term 4 - A 47 - 54 Credit Hours Critical course signified by ♦ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ♦ SES 106: Habitable Worlds (SQ) | 4 | C | <ul style="list-style-type: none"> Register for a Handshake account and participate in virtual career advising. |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 4 - B 54 - 60 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - A 60 - 66 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ AST 301: Physics of Astrophysics | 3 | C | <ul style="list-style-type: none"> AST 301 is a Session C course (15 weeks long). Build your professional connections -- join the ASU Mentor Network. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - B 66 - 72 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| Astronomical and Planetary Sciences Major Elective | 3-4 | C | <ul style="list-style-type: none"> Major Elective options vary in credit hours. Depending on chosen courses, overall elective hours may vary. |
| Elective | 3-2 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - A 72 - 78 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ SES 350: Engineering Systems and Experimental Problem Solving | 3 | C | <ul style="list-style-type: none"> SES 350 is a Session C course (15 weeks long). Develop your professional online presence. |
| SES 376: Communicating Astronomical and Planetary Sciences I | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 78 - 84 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| SES 377: Communicating Astronomical and Planetary Sciences II | 3 | C | <ul style="list-style-type: none"> Use Handshake to research employment opportunities. Major Elective options vary in credit hours. Depending on chosen courses, overall elective hours may vary. |
| Astronomical and Planetary Sciences Major Elective | 3-4 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 6-7 | | |

| Term 7 - A 84 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ AST 321: Introduction to Planetary and Stellar Astrophysics (SQ) | 3 | C | <ul style="list-style-type: none"> AST 321 is a Session C course (15 weeks long). |
| Upper Division Science and Society Elective | 3 | C | |

Term hours subtotal: 6

- Apply for full-time career opportunities.

| Term 7 - B 90 - 96 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| Astronomical and Planetary Sciences Major Elective | 3-4 | C | • Major Elective options vary in credit hours. Depending on chosen courses, overall elective hours may vary. |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 6-7 | | |

| Term 8 - A 96 - 102 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ AST 322: Introduction to Galactic and Extragalactic Astrophysics (SQ) | 3 | C | • AST 322 is a Session C course (15 weeks long). |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 102 - 108 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| Upper Division Astronomical and Planetary Sciences Major Elective | 3-4 | C | • Major Elective options vary in credit hours. Depending on chosen courses, overall elective hours may vary. |
| Upper Division Elective | 3-2 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - A 108 - 114 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ Upper Division Astronomical and Planetary Sciences Major Elective | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - B 114 - 120 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| Complete 2 courses: Upper Division Elective | 6 | | |
| Term hours subtotal: | 6 | | |

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all 6 credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

| | |
|---|--|
| Astronomical and Planetary Sciences Major Electives | Upper Division Astronomical and Planetary Sciences Major Electives |
| BIO 181: General Biology I (SQ) | BIO 340: General Genetics |
| BIO 182: General Biology II (SG) | BIO 345: Evolution |
| BIO 340: General Genetics | MAT 343: Applied Linear Algebra |
| BIO 345: Evolution | MCO 307: The Digital Audience |
| CHM 113: General Chemistry I (SQ) | MCO 335: Social Media |

| | |
|--|--|
| CHM 114: General Chemistry for Engineers (SQ) | MCO 425: Digital Media Literacy I |
| CHM 116: General Chemistry II (SQ) | PHI 314: Philosophy of Science (HU) |
| GLG 101: Introduction to Geology I (Physical) (SQ) | TWC 401: Fundamentals of Technical Communication (L) |
| GLG 103: Introduction to Geology I-Laboratory (SQ) | TWC 446: Technical and Scientific Reports (L) |
| MAT 275: Modern Differential Equations (MA) | |
| MAT 343: Applied Linear Algebra | |
| MCO 307: The Digital Audience | |
| MCO 335: Social Media | |
| MCO 425: Digital Media Literacy I | |
| PHI 314: Philosophy of Science (HU) | |
| TWC 401: Fundamentals of Technical Communication (L) | |
| TWC 446: Technical and Scientific Reports (L) | |
| SES 141: Energy In Everyday Life (SQ) | |
| STP 226: Elements of Statistics (CS) | |

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.












2020 - 2021 Major Map

Biochemistry, BA

School/College: The College of Liberal Arts and Sciences

Location: Tempe campus

LABCHBA

| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  CHM 117: General Chemistry for Majors I (SQ) AND CHM 111: General Chemistry Laboratory for Majors I (SQ) OR CHM 113: General Chemistry I (SQ) | 4 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Students placing into lower level math classes can still graduate in 4 years -- see an academic advisor for planning. • Students considering advanced science degrees and those who plan to take advanced math courses should take MAT 270 in place of MAT 251. • Select your Career Interest Areas and play me3@ASU. |
|  MAT 251: Calculus for Life Sciences (MA) OR MAT 265: Calculus for Engineers I (MA) OR MAT 270: Calculus with Analytic Geometry I (MA) | 3-4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Term hours subtotal: | 14-15 | | |
| Term 2 14 - 29 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  BIO 181: General Biology I (SQ) | 4 | C | <ul style="list-style-type: none"> • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. • Research the timeline for health careers and professional program admissions preparation. |
|  CHM 118: General Chemistry for Majors II (SQ) AND CHM 112: General Chemistry Laboratory for Majors II (SQ) OR CHM 116: General Chemistry II (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |
| Term 3 29 - 45 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  CHM 233: General Organic Chemistry I | 3 | C | <ul style="list-style-type: none"> • Students who are interested in graduate degrees in natural sciences or health-related professional degrees should take PHY 111 and PHY 113 instead of PHY 101 in this term. Then, complete PHY 112 and PHY 114 in the next term. • Research admission requirements for health-related professional schools. |
|  CHM 237: General Organic Chemistry Laboratory I | 1 | C | |
|  PHY 101: Introduction to Physics (SQ) | 4 | C | |
| BIO 182: General Biology II (SG) | 4 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |

❖ Complete First-Year Composition requirement.

Complete Mathematics (MA) requirement.

Term hours subtotal: 16

- Discuss **study abroad opportunities** with a School of Molecular Sciences advisor.

| Term 4 45 - 59 Credit Hours Critical course signified by ❖ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ❖ CHM 234: General Organic Chemistry II | 3 | C | <ul style="list-style-type: none"> • Due to lower-division pre-requisites, pre-health students are encouraged to choose upper-division General Studies (HU or SB) courses. • Connect with a Career Advisor by registering for a Handshake account. |
| CHM 238: General Organic Chemistry Laboratory II | 1 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| ❖ Complete PHY 101 OR PHY 112 AND PHY 114 course(s). | | | |
| Term hours subtotal: | 14 | | |

| Term 5 59 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ BCH 341: Physical Chemistry with a Biological Focus | 3 | C | <ul style="list-style-type: none"> • Create a first draft resume. |
| BCH 461: General Biochemistry | 3 | C | |
| CHM 302: Environmental Chemistry OR CHM 325: Analytical Chemistry | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| BCH 462: General Biochemistry | 3 | C | <ul style="list-style-type: none"> • Explore internship opportunities in industry and health fields. • This is an ideal semester to study abroad. BCH course may be taken in the final two terms. |
| Advanced BIO Elective | 3-4 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | | |
| Upper Division Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15-16 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ BCH 467: Analytical Biochemistry Laboratory (L) | 3 | C | <ul style="list-style-type: none"> • Upper Division BCH or CHM Electives must be completed at Tempe campus and cannot be met with BCH 361, BCH 367, BCH 371, BCH 372, CHM 341, CHM 460, or CHM 480. |
| BCH OR CHM Upper Division Elective | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Upper Division Elective OR BCH 484: Internship | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | |
|--|----|---|
| ★ BCH OR CHM Upper Division Elective | 3 | C |
| Complete 4 courses: Upper Division Elective | 12 | |
| Term hours subtotal: | 15 | |

- Apply for full-time career opportunities.

- With prior approval of an academic advisor in the School of Molecular Sciences, other courses may be used to satisfy the Advanced BIO Elective requirement.

Hide Course List(s)/Track Group(s)

| |
|--|
| Advanced BIO Elective |
| BIO 201: Human Anatomy and Physiology I (SG) |
| BIO 302: Cancer--Mother of All Diseases (L) |
| BIO 325: Oceanography or CHM 385: Oceanography |
| BIO 340: General Genetics or MBB 347: Molecular Genetics: From Genes to Proteins |
| BIO 351: Developmental Biology |
| BIO 353: Cell Biology |
| BIO 360: Animal Physiology |
| BIO 431: Genes Development and Evolution (L) |
| MIC 205: Microbiology (SG) |
| MIC 206: Microbiology Laboratory (SG) |
| MIC 220: Biology of Microorganisms |
| MIC 461: Geomicrobiology |

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)

Total College Residency Hrs: 12 minimum

- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.

2020 - 2021 Major Map

Biochemistry, BA

School/College: [The College of Liberal Arts and Sciences](#)



Location: [Online](#)



LABCHBA




In order to complete the requirements of this program, some laboratory courses will be completed in-person at the Tempe Campus.

These laboratory courses will be offered during summer. This may impact your financial aid. Financial aid is available to those who apply and qualify, and students may receive funds to help cover costs for each semester of enrollment. The amount of financial aid that a student is eligible for varies depending on prior education experience and other individual factors. [Learn](#) more about summer financial aid and additional ways to cover summer costs.



| Term 1 - A 0 - 7 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ASU 101-UC: The ASU Experience | 1 | | <ul style="list-style-type: none"> An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses. ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. Select your Career Interest Areas and play me3@ASU. Due to lower-division pre-requisites, pre-health students are encouraged to choose upper-division General Studies (HU or SB) courses. |
| ENG 101 or ENG 102: First-Year Composition OR | | C | |
| ENG 105: Advanced First-Year Composition OR | 3 | | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 7 | | |



| Term 1 - B 7 - 13 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  MAT 251: Calculus for Life Sciences (MA) | 3 | C | <ul style="list-style-type: none"> View ASU Online first-year student registration information here. Mathematics Placement Assessment score determines placement in mathematics course. |
| ENG 101 or ENG 102: First-Year Composition OR | | C | |
| ENG 105: Advanced First-Year Composition OR | 3 | | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| Term hours subtotal: | 6 | | |




| Term 2 - A 13 - 21 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  CHM 113: General Chemistry I (SQ) | 4 | C | <ul style="list-style-type: none"> ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. Research the timeline for health careers and professional program admissions preparation. |
| Second Language: Requirement satisfied through the following: | | C | |
| * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | | |
| Term hours subtotal: | 8 | | |




| Term 2 - B 21 - 29 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  CHM 116: General Chemistry II (SQ) | 4 | C | |
| Second Language: Requirement satisfied through the following: | | C | |
| * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |



Term hours subtotal: 8

| Term 3 - A 29 - 37 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  PHY 101: Introduction to Physics (SQ) | 4 | C | <ul style="list-style-type: none"> • Research admission requirements for health-related professional schools. • Students who are interested in graduate degrees in natural sciences or health-related professional degrees should take PHY 111 and PHY 113 instead of PHY 101 in this term. Then, complete PHY 112 and PHY 114 in the next term. |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Term hours subtotal: | 8 | | |

| Term 3 - B 37 - 44 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
|  Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 7 | | |

| Term 4 - A 44 - 51 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  BIO 181: General Biology I (SQ) | 4 | C | <ul style="list-style-type: none"> • Connect with a Career Advisor by registering for a Handshake account. |
|  CHM 233: General Organic Chemistry I | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 4 - B 51 - 58 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  CHM 234: General Organic Chemistry II | 3 | C | |
| BIO 182: General Biology II (SG) | 4 | C | |
|  Complete PHY 101 OR PHY 112 AND PHY 114 course(s). | | | |
| Term hours subtotal: | 7 | | |

| Summer 4 58 - 60 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  CHM 237: General Organic Chemistry Laboratory I | 1 | C | <ul style="list-style-type: none"> • ASU Online students will complete all experiments for the Organic Chemistry labs at the ASU Tempe campus during a one-week session in summer. Lab reports will be completed in subsequent weeks during the same summer term. |
| CHM 238: General Organic Chemistry Laboratory II | 1 | C | |
| Term hours subtotal: | 2 | | |

| Term 5 - A 60 - 66 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  BCH 341: Physical Chemistry with a Biological Focus | 3 | C | <ul style="list-style-type: none"> • Create a first draft resume. |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 6 | | |

Minimum

| Term 5 - B 66 - 72 Credit Hours | Hours | Grade | Notes |
|--|-------|-------|---|
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | • Explore internship opportunities in industry and health fields. |
| Upper Division Elective OR BCH 484: Internship | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - A 72 - 78 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ CHM 325: Analytical Chemistry | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 78 - 84 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ BCH OR CHM Upper Division Elective | 3 | C | |
| Upper Division Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 7 - A 84 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ BCH OR CHM Upper Division Elective | 3 | C | |
| Advanced BIO Elective | 3-4 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 9-10 | | |

| Term 7 - B 93 - 102 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 8 - A 102 - 108 Credit Hours | Hours | Minimum Grade | Notes |
|-----------------------------------|-------|---------------|---|
| BCH 461: General Biochemistry | 3 | C | • Apply for full-time career opportunities. |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 108 - 114 Credit Hours | Hours | Minimum Grade | Notes |
|-----------------------------------|-------|---------------|-------|
| BCH 462: General Biochemistry | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Summer 8 114 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ BCH 467: Analytical Biochemistry Laboratory (L) | 3 | C | • ASU Online students will complete all experiments for the Analytical Biochemistry lab at the ASU Tempe campus during a one-week session in summer. Lab reports will |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

be completed in subsequent weeks during the same summer term.

- With prior approval of an academic advisor in the School of Molecular Sciences, other courses may be used to satisfy the Advanced BIO Elective requirement.

Hide Course List(s)/Track Group(s)

Advanced BIO Elective

BIO 201: Human Anatomy and Physiology I (SG)

BIO 340: General Genetics

BIO 351: Developmental Biology

BIO 353: Cell Biology

BIO 360: Animal Physiology

MIC 205: Microbiology (SG)

MIC 206: Microbiology Laboratory (SG)

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map





Biochemistry, BS






School/College: The College of Liberal Arts and Sciences


Location: Tempe campus

LABCHBS

| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  CHM 117: General Chemistry for Majors I (SQ) AND CHM 111: General Chemistry Laboratory for Majors I (SQ) OR CHM 113: General Chemistry I (SQ) | 4 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Students placing in lower level math classes can still graduate in four years. See an academic advisor for planning. • Select your Career Interest Areas and play me3@ASU. |
|  MAT 270: Calculus with Analytic Geometry I (MA) OR MAT 265: Calculus for Engineers I (MA) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 28 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  BIO 181: General Biology I (SQ) | 4 | C | <ul style="list-style-type: none"> • Research timeline for health careers and professional program admissions preparation. |
|  CHM 118: General Chemistry for Majors II (SQ) AND CHM 112: General Chemistry Laboratory for Majors II (SQ) OR CHM 116: General Chemistry II (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 271: Calculus with Analytic Geometry II (MA) OR MAT 266: Calculus for Engineers II (MA) | 3 | C | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 14 | | |

| Term 3 28 - 43 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  CHM 233: General Organic Chemistry I | 3 | C | <ul style="list-style-type: none"> • Research admission requirements for health-related professional schools. • Discuss study abroad opportunities with a School of Molecular Sciences advisor. |
|  CHM 237: General Organic Chemistry Laboratory I | 1 | C | |
|  PHY 111: General Physics (SQ) | 3 | C | |
| PHY 113: General Physics Laboratory (SQ) | 1 | C | |
| BIO 182: General Biology II (SG) | 4 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
|  Complete First-Year Composition requirement. Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 15 | | |

| Term 4 43 - 60 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|--|----|---|
| 📌 PHY 112: General Physics (SQ) | 3 | C |
| PHY 114: General Physics Laboratory (SQ) | 1 | C |
| CHM 234: General Organic Chemistry II | 3 | C |
| CHM 238: General Organic Chemistry Laboratory II | 1 | C |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | |
| Elective | 3 | |
| Term hours subtotal: | 17 | |

- Due to lower-division prerequisites, pre-health students are encouraged to choose upper-division General Studies (HU or SB) and Science and Society courses.
- Connect with a Career Advisor by registering for a [Handshake](#) account.

| Term 5 60 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ BCH 341: Physical Chemistry with a Biological Focus | 3 | C | <ul style="list-style-type: none"> • Create a first draft resume. |
| BCH 461: General Biochemistry | 3 | C | |
| Advanced BIO Elective | 3-4 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 15-16 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| BCH 462: General Biochemistry | 3 | C | <ul style="list-style-type: none"> • This is an ideal semester to study abroad. BCH courses may be taken in the final two terms. • Explore internship opportunities in industry and health fields. |
| BCH 463: Biophysical Chemistry | 3 | C | |
| Advanced BIO Elective | 3-4 | C | |
| Science and Society Elective | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15-16 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ BCH 467: Analytical Biochemistry Laboratory (L) | 3 | C | <ul style="list-style-type: none"> • Apply for full-time career opportunities. |
| Upper Division Science and Society Elective | 3 | C | |
| Upper Division Elective OR BCH 484: Internship | 3 | | |
| Complete 2 courses: | | | |
| Upper Division Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ BCH OR CHM Upper Division Elective | 3 | C | <ul style="list-style-type: none"> • Upper Division BCH or CHM Elective must be completed at Tempe campus and cannot be met with BCH 361, BCH 367, BCH 371, BCH 372, CHM 341, CHM 460, or CHM 480. |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Complete 3 courses: | | | |
| Upper Division Elective | 9 | | |
| Term hours subtotal: | 15 | | |

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.
- With prior approval of an academic advisor in the School of Molecular Sciences, other courses may be used to satisfy the Advanced BIO Elective requirement.

Hide Course List(s)/Track Group(s)

| Advanced BIO Elective |
|--|
| BIO 201: Human Anatomy and Physiology I (SG) |
| BIO 202: Human Anatomy and Physiology II (SG) |
| BIO 302: Cancer--Mother of All Diseases (L) |
| BIO 325: Oceanography or CHM 385: Oceanography |
| BIO 340: General Genetics or MBB 347: Molecular Genetics: From Genes to Proteins |
| BIO 351: Developmental Biology |
| BIO 353: Cell Biology |
| BIO 360: Animal Physiology |
| BIO 440: Functional Genomics |
| BIO 446: Principles of Human Genetics (L) |
| BIO 450: Advanced Developmental Biology |
| BIO 451: Cell Biotechnology: Cell Culture Immunocytochemistry and Bioimaging |
| BIO 465: Neurophysiology |
| MBB 343: Genetic Engineering and Society (L) |
| MBB 350: Applied Genetics |
| MIC 205: Microbiology (SG) |
| MIC 206: Microbiology Laboratory (SG) |
| MIC 220: Biology of Microorganisms |
| MIC 360: Bacterial Physiology |
| MIC 379: Medical Bacteriology |
| MIC 461: Geomicrobiology |

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.

2020 - 2021 Major Map

Biochemistry, BS

School/College: [The College of Liberal Arts and Sciences](#)



Location: [Online](#)



LABCHBS




In order to complete the requirements of this program, some laboratory courses will be completed in-person at the Tempe Campus.



These laboratory courses will be offered during summer. This may impact your financial aid. Financial aid is available to those who apply and qualify, and students may receive funds to help cover costs for each semester of enrollment. The amount of financial aid that a student is eligible for varies depending on prior education experience and other individual factors. [Learn](#) more about summer financial aid and additional ways to cover summer costs.

| Term 1 - A 0 - 7 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ASU 101-UC: The ASU Experience | 1 | | <ul style="list-style-type: none"> An SAT, ACT, Accuplacer, IETLS or TOEFL score determines placement into first-year composition courses. ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 13 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  MAT 265: Calculus for Engineers I (MA) | 3 | C | <ul style="list-style-type: none"> Mathematics Placement Assessment score determines placement in mathematics course. View ASU Online first-year student registration information here. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 2 - A 13 - 20 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  CHM 113: General Chemistry I (SQ) | 4 | C | <ul style="list-style-type: none"> Select your career interest area and play me3@ASU. |
| MAT 266: Calculus for Engineers II (MA) | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 2 - B 20 - 27 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  CHM 116: General Chemistry II (SQ) | 4 | C | <ul style="list-style-type: none"> If interested in health-related professional programs, research the timeline for admissions preparation and general admission requirements. |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 7 | | |

| Term 3 - A 27 - 34 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  PHY 111: General Physics (SQ) | 3 | C | <ul style="list-style-type: none"> Review the Career Guide for ASU Online students to learn about available career planning resources. |
| PHY 113: General Physics Laboratory (SQ) | 1 | C | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 3 - B 34 - 41 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|--|---|---|
| 🚩 PHY 112: General Physics (SQ) | 3 | C |
| PHY 114: General Physics Laboratory (SQ) | 1 | C |
| Literacy and Critical Inquiry (L) | 3 | |
| 🚩 Complete First-Year Composition requirement. | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 7 | |

| Term 4 - A 41 - 47 Credit Hours Critical course signified by 🚩 | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| 🚩 CHM 233: General Organic Chemistry I | 3 | C | <ul style="list-style-type: none"> Register for a Handshake account and participate in virtual career advising. |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 4 - B 47 - 53 Credit Hours | Hours | Minimum Grade | Notes |
|---------------------------------------|-------|---------------|--|
| CHM 234: General Organic Chemistry II | 3 | C | <ul style="list-style-type: none"> Plan for in-person laboratory attendance in Summer. Talk with your academic advisor. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Summer 4 53 - 55 Credit Hours Critical course signified by 🚩 | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| 🚩 CHM 237: General Organic Chemistry Laboratory I | 1 | C | <ul style="list-style-type: none"> ASU Online students will complete all experiments for the Organic Chemistry labs at the ASU Tempe campus during a one-week session in summer. Lab reports will be completed in subsequent weeks during the same summer term. |
| CHM 238: General Organic Chemistry Laboratory II | 1 | C | |
| Term hours subtotal: | 2 | | |

| Term 5 - A 55 - 62 Credit Hours Necessary course signified by 🌟 | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| 🌟 BIO 181: General Biology I (SQ) | 4 | C | <ul style="list-style-type: none"> Due to lower-division prerequisites, pre-health students are encouraged to choose upper-division General Studies (HU or SB) and Science and Society courses. Build your professional connections -- join the ASU Mentor Network. |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 5 - B 62 - 69 Credit Hours | Hours | Minimum Grade | Notes |
|----------------------------------|-------|---------------|-------|
| BIO 182: General Biology II (SG) | 4 | C | |
| Science and Society Elective | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 6 - A 69 - 75 Credit Hours Necessary course signified by 🌟 | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| 🌟 BCH 341: Physical Chemistry with a Biological Focus | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 75 - 81 Credit Hours Necessary course signified by 🌟 | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|--|---|---|
| BCH 463: Biophysical Chemistry | 3 | C |
| Upper Division Elective | 3 | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |
| Term hours subtotal: | 6 | |

- Create a first draft **resume**.

| Term 7 - A 81 - 87 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ BCH 461: General Biochemistry | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 87 - 93 Credit Hours | Hours | Minimum Grade | Notes |
|---------------------------------|-------|---------------|-------|
| BCH 462: General Biochemistry | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

- View **career webinars** offered by Career and Professional Development Center.

| Term 8 - A 93 - 99 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ Advanced BIO Elective | 3-4 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6-7 | | |

| Term 8 - B 99 - 105 Credit Hours | Hours | Minimum Grade | Notes |
|----------------------------------|-------|---------------|-------|
| Advanced BIO Elective | 3-4 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6-7 | | |

- Plan for in-person laboratory attendance in Summer. Talk with your academic advisor.
- Apply for **full-time career opportunities**.

| Summer 8 105 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ BCH 467: Analytical Biochemistry Laboratory (L) | 3 | C | |
| Term hours subtotal: | 3 | | |

- ASU Online students will complete all experiments for the Analytical Biochemistry lab at the ASU Tempe campus during a one-week session in summer. Lab reports will be completed in subsequent weeks during the same summer term.

| Term 9 - A 108 - 114 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ BCH OR CHM Upper Division Elective | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

- Upper Division BCH or CHM Elective cannot be met with BCH 361, BCH 367, BCH 371, BCH 372, CHM 341, CHM 460, or CHM 480. Talk with your academic advisor for options.

| Term 9 - B 114 - 120 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| Upper Division Science and Society Elective | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.
- With prior approval of an academic advisor in the School of Molecular Sciences, other courses may be used to satisfy the Advanced BIO Elective requirement.

Hide Course List(s)/Track Group(s)

| Advanced BIO Elective |
|---|
| BIO 201: Human Anatomy and Physiology I (SG) |
| BIO 202: Human Anatomy and Physiology II (SG) |
| BIO 340: General Genetics |
| BIO 351: Developmental Biology |
| BIO 353: Cell Biology |
| BIO 360: Animal Physiology |
| MIC 205: Microbiology (SG) |
| MIC 206: Microbiology Laboratory (SG) |
| MIC 220: Biology of Microorganisms |

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)

- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map




Biochemistry (Medicinal Chemistry), BS






School/College: The College of Liberal Arts and Sciences


Location: Tempe campus

LABCHMBS

| Term 1 0 - 15 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  CHM 117: General Chemistry for Majors I (SQ) AND CHM 111: General Chemistry Laboratory for Majors I (SQ) OR CHM 113: General Chemistry I (SQ) | 4 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Students placing into lower level math courses can still graduate in 4 years -- see an academic advisor for planning. • Select your Career Interest Areas and play me3@ASU. |
|  MAT 270: Calculus with Analytic Geometry I (MA) OR MAT 265: Calculus for Engineers I (MA) | 4-3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Term hours subtotal: | 15-14 | | |

| Term 2 15 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  BIO 181: General Biology I (SQ) | 4 | C | <ul style="list-style-type: none"> • Research timeline for health careers and professional program admissions preparation. |
| CHM 118: General Chemistry for Majors II (SQ) AND CHM 112: General Chemistry Laboratory for Majors II (SQ) OR CHM 116: General Chemistry II (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 271: Calculus with Analytic Geometry II (MA) OR MAT 266: Calculus for Engineers II (MA) | 4-3 | C | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15-14 | | |

| Term 3 30 - 45 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  CHM 233: General Organic Chemistry I | 3 | C | <ul style="list-style-type: none"> • Research admission requirements for health-related professional schools. • Create a first draft resume. |
|  CHM 237: General Organic Chemistry Laboratory I | 1 | C | |
|  PHY 111: General Physics (SQ) | 3 | C | |
| PHY 113: General Physics Laboratory (SQ) | 1 | C | |
| BIO 182: General Biology II (SG) | 4 | | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
|  Complete First-Year Composition requirement. Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 15 | | |

| Term 4 45 - 60 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|--|----|---|
| 📌 PHY 112: General Physics (SQ) | 3 | C |
| PHY 114: General Physics Laboratory (SQ) | 1 | C |
| CHM 234: General Organic Chemistry II | 3 | C |
| CHM 238: General Organic Chemistry Laboratory II | 1 | C |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | |
| Elective | 4 | |
| Term hours subtotal: | 15 | |

- Due to lower-division pre-requisites, pre-health students are encouraged to choose upper-division General Studies (HU or SB) and Science and Society courses.
- Explore internship opportunities within **industry and health fields**.
- Discuss **study abroad** opportunities with a School of Molecular Sciences advisor.

| Term 5 60 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ BCH 341: Physical Chemistry with a Biological Focus | 3 | C | <ul style="list-style-type: none"> • Connect with a Career Advisor by registering for a Handshake account. • Students choosing BIO 353 & CHM 343 should take a 3 credit hour elective in term 6. |
| BCH 461: General Biochemistry | 3 | C | |
| BIO 353: Cell Biology OR BIO 360: Animal Physiology | 3 | | |
| CHM 343: Elementary Physical Chemistry Laboratory OR BIO 361: Animal Physiology Laboratory | 2 | | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Upper Division Elective | 1 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| BCH 462: General Biochemistry | 3 | C | <ul style="list-style-type: none"> • This is an ideal semester to study abroad. BCH courses may be taken in final two terms. |
| BCH 463: Biophysical Chemistry | 3 | C | |
| Science and Society Elective | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ CHM 433: Advanced Organic Chemistry I | 3 | C | <ul style="list-style-type: none"> • Apply for full-time career opportunities. |
| BCH 467: Analytical Biochemistry Laboratory (L) | 3 | C | |
| Upper Division Science and Society Elective | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Upper Division Elective OR BCH 484: Internship | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ CHM 435: Medicinal Chemistry | 3 | C | <ul style="list-style-type: none"> • Upper Division BCH or CHM Elective must be completed at Tempe campus and cannot be met with BCH 361, BCH 367, BCH 371, BCH 372, CHM 341, CHM 460, or CHM 480. |
| BCH OR CHM Upper Division Elective | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Complete 2 courses: | 6 | | |
| Upper Division Elective | | | |
| Term hours subtotal: | 15 | | |

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.

2020 - 2021 Major Map

Biochemistry (Medicinal Chemistry), BS

School/College: [The College of Liberal Arts and Sciences](#)



Location: [Online](#)



LABCHMBS




In order to complete the requirements of this program, some laboratory courses will be completed in-person at the Tempe Campus.



These laboratory courses will be offered during summer. This may impact your financial aid. Financial aid is available to those who apply and qualify, and students may receive funds to help cover costs for each semester of enrollment. The amount of financial aid that a student is eligible for varies depending on prior education experience and other individual factors. [Learn](#) more about summer financial aid and additional ways to cover summer costs.

| Term 1 - A 0 - 7 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ASU 101-UC: The ASU Experience | 1 | | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Select your Career Interest Areas and play me3@ASU. |
| ENG 101 or ENG 102: First-Year Composition OR | | C | |
| ENG 105: Advanced First-Year Composition OR | 3 | | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Term hours subtotal: | 7 | | |












| Term 1 - B 7 - 13 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  MAT 265: Calculus for Engineers I (MA) | 3 | | <ul style="list-style-type: none"> • View ASU Online first-year student registration information here. • Mathematics Placement Assessment score determines placement in mathematics course. |
| ENG 101 or ENG 102: First-Year Composition OR | | C | |
| ENG 105: Advanced First-Year Composition OR | 3 | | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| Term hours subtotal: | 6 | | |

| Term 2 - A 13 - 20 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  CHM 113: General Chemistry I (SQ) | 4 | C | <ul style="list-style-type: none"> • Research timelines for health careers and professional program admissions preparation. |
| MAT 266: Calculus for Engineers II (MA) | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 2 - B 20 - 27 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  CHM 116: General Chemistry II (SQ) | 4 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 7 | | |

| Term 3 - A 27 - 34 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  PHY 111: General Physics (SQ) | 3 | C | <ul style="list-style-type: none"> • Research admission requirements for health-related professional schools. • Create a first draft resume. |
| PHY 113: General Physics Laboratory (SQ) | 1 | C | |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 7 | | |

- Due to lower-division pre-requisites, pre-health students are encouraged to choose upper-division General Studies (HU or SB) and Science and Society courses.

| Term 3 - B 34 - 41 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  PHY 112: General Physics (SQ) | 3 | C | |
| PHY 114: General Physics Laboratory (SQ) | 1 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 7 | | |
| Term 4 - A 41 - 48 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  BIO 181: General Biology I (SQ) | 4 | C | |
|  CHM 233: General Organic Chemistry I | 3 | C | |
| Term hours subtotal: | 7 | | <ul style="list-style-type: none"> • Explore internship opportunities within industry and health fields. |
| Term 4 - B 48 - 55 Credit Hours | Hours | Minimum Grade | Notes |
| BIO 182: General Biology II (SG) | 4 | | |
| CHM 234: General Organic Chemistry II | 3 | C | |
| Term hours subtotal: | 7 | | |
| Summer 4 55 - 57 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  CHM 237: General Organic Chemistry Laboratory I | 1 | C | |
| CHM 238: General Organic Chemistry Laboratory II | 1 | C | |
| Term hours subtotal: | 2 | | <ul style="list-style-type: none"> • ASU Online students will complete all experiments for the Organic Chemistry labs at the ASU Tempe campus during a one-week session in summer. Lab reports will be completed in subsequent weeks during the same summer term. |
| Term 5 - A 57 - 63 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|  BCH 341: Physical Chemistry with a Biological Focus | 3 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 6 | | <ul style="list-style-type: none"> • Connect with a Career Advisor by registering for a Handshake account. |
| Term 5 - B 63 - 70 Credit Hours | Hours | Minimum Grade | Notes |
| BCH 463: Biophysical Chemistry | 3 | C | |
| Upper Division Elective | 4 | | |
| Term hours subtotal: | 7 | | |
| Term 6 - A 70 - 76 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|  BIO 353: Cell Biology OR BIO 360: Animal Physiology | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |

Term hours subtotal: 6

| Term 6 - B 76 - 81 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| CHM 343: Elementary Physical Chemistry Laboratory OR BIO 361: Animal Physiology Laboratory | 2 | | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 5 | | |

| Term 7 - A 81 - 87 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ CHM 433: Advanced Organic Chemistry I | 3 | C | • Apply for full-time career opportunities. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 87 - 93 Credit Hours | Hours | Minimum Grade | Notes |
|------------------------------------|-------|---------------|-------|
| Science and Society Elective | 3 | C | |
| BCH OR CHM Upper Division Elective | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 93 - 99 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ BCH 461: General Biochemistry | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 99 - 105 Credit Hours | Hours | Minimum Grade | Notes |
|----------------------------------|-------|---------------|-------|
| BCH 462: General Biochemistry | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Summer 8 105 - 108 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| BCH 467: Analytical Biochemistry Laboratory (L) | 3 | C | • ASU Online students will complete all experiments for the Analytical Biochemistry lab at the ASU Tempe campus during a one-week session in summer. Lab reports will be completed in subsequent weeks during the same summer term. |
| Term hours subtotal: | 3 | | |

| Term 9 - A 108 - 114 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|--------------------------|
| Upper Division Science and Society Elective | 3 | C | • Explore an internship. |
| Upper Division Elective OR BCH 484: Internship | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - B 114 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ CHM 435: Medicinal Chemistry | 3 | C | |

Elective

3

Term hours subtotal:

6

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map




Biological Sciences, BS





School/College: The College of Liberal Arts and Sciences



Location: Tempe campus




LABSCBS




| Term 1 0 - 15 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  BIO 281: Conceptual Approaches to Biology for Majors I (SQ) OR BIO 181: General Biology I (SQ) | 4 | C | <ul style="list-style-type: none"> • Mathematics Placement Assessment score determines placement in mathematics and science courses • LIA 101, ASU 101, or other First-Year Seminar required of all first-year students • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Students transferring General Statistics (STP 226 or PSY 230) will fulfill STP 231 requirement • Select your career interest area and play me3@ASU |
|  LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| CHM 113: General Chemistry I (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| STP 231: Statistics for Life Science (CS) | 3 | C | |
| Term hours subtotal: | 15 | | |




| Term 2 15 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  BIO 282: Conceptual Approaches to Biology for Majors II OR BIO 182: General Biology II (SG) | 4 | C | <ul style="list-style-type: none"> • Join a student organization • Create a resume & Handshake account with the Career & Professional Development Center • Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.) • Attend a Pre-Health 101 session • Students transferring Calculus (MAT 270 or MAT 210) will fulfill MAT 251 requirement |
| CHM 116: General Chemistry II (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 251: Calculus for Life Sciences (MA) | 3 | C | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 17 | | |


| Term 3 32 - 46 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  BIO 340: General Genetics | 4 | C | <ul style="list-style-type: none"> • Pre-health students should take CHM 233 and CHM 237 instead of CHM 231 and CHM 235. See the pre-health website for more information • If CHM 233 and 237 are taken, then CHM 234 and 238 must be taken the following semester • It is not recommended to take more than two lab courses in a term. • Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.) • Attend a Study Abroad 101 Session • Explore minors or certificates |
| CHM 231: Elementary Organic Chemistry (SQ) | 3 | | |
| CHM 235: Elementary Organic Chemistry Laboratory (SQ) | 1 | | |
| Science and Society Elective | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
|  Complete First-Year Composition requirement. | | | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 14 | | |

| Term 4 46 - 61 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  BIO 345: Evolution | 3 | C | <ul style="list-style-type: none"> Pre-health students should take CHM 234 and CHM 238 instead of the elective in this term. See the pre-health website for more information If CHM 233 and 237 are taken, then CHM 234 and 238 must be taken the following semester Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.) Explore or pursue internship opportunities Meet with the Career & Professional Development Center to learn how to develop professional skills |
| Additional Major Requirement Course | 3-4 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15-16 | | |

| Term 5 61 - 75 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  Upper Division Additional Major Requirement Course | 3 | C | <ul style="list-style-type: none"> Pre-health students should take PHY 111 and PHY 113 instead of PHY 101 in this term. See the pre-health website for more information Meet with your advisor to discuss ways to maximize your remaining time at ASU (i.e. pre-health; 4+1 Masters Programs; study abroad) Explore graduate school or full-time opportunities |
|  Major Laboratory/Research Course | 1-4 | C | |
| PHY 101: Introduction to Physics (SQ) | 4 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Upper Division Elective OR BIO 484: Internship OR MIC 484: Internship | 3 | | |
| Term hours subtotal: | 14-17 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  Upper Division Additional Major Requirement Course | 3 | C | <ul style="list-style-type: none"> Pre-health students should take PHY 112 and PHY 114 instead of an elective in this term. See the pre-health website for more information Use Handshake to research employment opportunities Explore graduate school or full-time opportunities |
| Upper Division Major Laboratory/Research Course | 2-4 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Complete 2 courses: Elective | 7 | | |
|  Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15-17 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  Upper Division Additional Major Requirement Course | 3-4 | C | <ul style="list-style-type: none"> Explore or apply for full-time career opportunities or graduate school Meet with your advisor to verify remaining degree requirements have been met prior to Term 8 |
|  Upper Division Major Elective Course | 3 | C | |
| Upper Division Science and Society Elective | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 15-16 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | |
|--|-------|---|
| ★ Upper Division Additional Major Requirement Course | 3-4 | C |
| ★ Upper Division Major Elective Course | 3 | C |
| Upper Division Elective | 3 | |
| Complete 2 courses: Elective | 6 | |
| Term hours subtotal: | 15-16 | |

- Continue to apply for full-time career opportunities or graduate school

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

| Major Laboratory/Research Courses | Major Elective Courses | Additional Major Requirements Courses |
|---|---|--|
| BCH 367: Elementary Biochemistry Laboratory | BCH 361: Advanced Principles of Biochemistry | BCH 361: Advanced Principles of Biochemistry |
| BIO 308: Plant Physiology | BIO 302: Cancer--Mother of All Diseases (L) | BIO 303: Plant Diversity and Evolution (L or SG) or ENV 300: Plant Diversity and Evolution (L or SG) |
| BIO 309: Plant Anatomy | BIO 304: Plants and Civilization (L) or ENV 302: Plants and Civilization (L) | BIO 308: Plant Physiology |
| BIO 342: General Genetics Laboratory | BIO 313: The Flora of Arizona | BIO 312: Bioethics (HU) or PHI 320: Bioethics (HU) or BIO 311: Biology and Society or HPS 340: Biology and Society or PHI 314: Philosophy of Science (HU) or HPS 314: Philosophy of Science (HU) or BIO 416: Biomedical Research Ethics (L) or HPS 410: Biomedical Research Ethics (L) |
| BIO 343: Genetic Engineering and Society (L) or MBB 343: Genetic Engineering and Society (L) | BIO 316: History of Biology: Conflicts and Controversies (H) or HPS 330: History of Biology: Conflicts and Controversies (H) | BIO 320: Fundamentals of Ecology |
| BIO 352: Laboratory in Vertebrate Developmental Anatomy | BIO 318: History of Medicine (HU & H) or HPS 331: History of Medicine (HU & H) | BIO 331: Animal Behavior |
| BIO 354: Cell Biology Laboratory | BIO 322: Conservation of Biodiversity | BIO 351: Developmental Biology |
| BIO 361: Animal Physiology Laboratory | BIO 323: Ecosystem Restoration and Management | BIO 353: Cell Biology |
| BIO 370: Vertebrate Zoology | BIO 325: Oceanography | BIO 360: Animal Physiology |
| BIO 385: Comparative Invertebrate Zoology | BIO 355: Introduction to Computational Molecular Biology (CS) or MAT 355: Introduction to Computational Molecular Biology (CS) or MBB 355: Introduction to Computational Molecular Biology (CS) | BIO 370: Vertebrate Zoology |
| BIO 386: General Entomology | BIO 370: Vertebrate Zoology | MIC 220: Biology of Microorganisms AND MIC 206: Microbiology Laboratory (SG) |
| BIO 435: Research Techniques in Animal Behavior | BIO 412: Conservation in Practice or SOS 412: Conservation in Practice | |
| BIO 451: Cell Biotechnology: Cell Culture Immunocytochemistry and Bioimaging | BIO 415: Biometry (CS) | |
| BIO 453: Animal Histology | BIO 416: Biomedical Research Ethics (L) or HPS 410: Biomedical Research Ethics (L) | |
| BIO 471: Ornithology | BIO 423: Population and Community Ecology | |
| BIO 472: Mammalogy | BIO 427: Fire (H) | |
| BIO 474: Herpetology | | |
| BIO 484: Internship or MIC 484: Internship | | |
| BIO 495: Undergraduate Research or MBB 495: Undergraduate Research or MIC 495: Undergraduate Research | | |

| | |
|--|--|
| MBB 350: Applied Genetics | BIO 431: Genes Development and Evolution (L) |
| MIC 220: Biology of Microorganisms AND MIC 206: Microbiology Laboratory (SG) | BIO 436: Sociobiology and Behavioral Ecology |
| MIC 302: Advanced Bacteriology Laboratory (L) | BIO 440: Functional Genomics or MBB 440: Functional Genomics |
| | BIO 446: Principles of Human Genetics (L) or ASM 446: Principles of Human Genetics (L) |
| | BIO 461: Comparative Animal Physiology |
| | BIO 462: Endocrine Physiology |
| | BIO 467: Neurobiology |
| | BIO 484: Internship or MIC 484: Internship |
| | BIO 495: Undergraduate Research or MBB 495: Undergraduate Research or MIC 495: Undergraduate Research |
| | BMI 465: Introduction to Comparative Genomics |
| | CHM 435: Medicinal Chemistry |
| | HPS 322: History of Science (HU & H) |
| | HPS 323: History of Science (HU & H) or BIO 317: History of Science (HU & H) |
| | MIC 314: HIV/AIDS: Science Behavior and Society |
| | MIC 360: Bacterial Physiology |
| | MIC 420: Immunology: Molecular and Cellular Foundations or BIO 420: Immunology: Molecular and Cellular Foundations |
| | MIC 485: General Virology |

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)

Total College Residency Hrs: 12 minimum

- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.

2020 - 2021 Major Map

Biological Sciences, BS

School/College: The College of Liberal Arts and Sciences

Location: ,

LABSCBS

and



Secondary




Education,



BAE

Mary Lou Fulton Teachers College

TESEDBAE

| Term 1 0 - 15 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | <ul style="list-style-type: none"> Mathematics Placement Assessment score determines placement in mathematics and science courses. An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. Students transferring General Biology I (BIO 181) will fulfill BIO 281 requirement. Students transferring General Statistics (STP 226 or PSY 230) will fulfill STP 231 requirement. Select your Career Interest Communities and play me3@ASU. |
| BIO 281: Conceptual Approaches to Biology for Majors I (SQ) | 4 | C | |
| CHM 113: General Chemistry I (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| STP 231: Statistics for Life Science (CS) | 3 | C | |
| Term hours subtotal: | 15 | | |

| Term 2 15 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| BIO 282: Conceptual Approaches to Biology for Majors II | 4 | C | <ul style="list-style-type: none"> Activate your Handshake account and build out your profile. Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.). Students transferring General Biology II (BIO 182) will fulfill BIO 282 requirement. Students transferring Calculus (MAT 270 or MAT 210) will fulfill MAT 251 requirement. |
| CHM 116: General Chemistry II (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 251: Calculus for Life Sciences (MA) | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
|  Complete BIO 281 AND BIO 282 course(s). | | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 17 | | |

| Term 3 32 - 49 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  BIO 340: General Genetics | 4 | C | <ul style="list-style-type: none"> Pre-health students should take CHM 233 and CHM 237 instead of CHM 231 and CHM 235. See the pre-health website for more information. |
| CHM 231: Elementary Organic Chemistry (SQ) AND CHM 235: Elementary Organic Chemistry Laboratory (SQ) | 4 | C | |
| Science and Society Elective | 3 | C | |

| | |
|--|----|
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) (GCU 113 recommended) | 3 |
| ◆ Complete First-Year Composition requirement. | |
| ◆ Complete Mathematics (MA) requirement. | |
| Term hours subtotal: | 17 |

- If CHM 233 and 237 are taken, then CHM 234 and 238 must be taken the following semester.
- Attend a [Study Abroad 101 Session](#).
- GCU 113 satisfies the US/AZ constitution requirement needed for teacher certification.

| Term 4 49 - 64 Credit Hours Critical course signified by ◆ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ◆ BIO 345: Evolution | 3 | C | <ul style="list-style-type: none"> • Apply for an Identity Verified Print (IVP) DPS fingerprint card, required by state law for participation in internships in 6-12th grade schools. • Meet with the Career & Professional Development Center to learn how to develop professional skills. |
| EDP 313: Childhood and Adolescence (SB) | 3 | C | |
| SPE 222: Orientation to Education of Exceptional Children (SB & C) | 3 | C | |
| Upper Division Science and Society Elective | 3 | C | |
| Additional Major Requirement Course | 3-4 | C | |
| Term hours subtotal: | 15-16 | | |

| Term 5 64 - 78 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ Major Laboratory/Research Course | 1-4 | C | <ul style="list-style-type: none"> • Meet with a Mary Lou Fulton Teachers College advisor early in the semester to discuss education program requirements and submit copy of IVP fingerprint card. Once this is completed, you will be asked to attend a professional pathways program orientation. These steps must be completed prior to enrolling in Term 6 courses. • Pre-health students should take PHY 111 and PHY 113 instead of PHY 101 in this term. See the pre-health website for more information. • Explore graduate school or full-time employment opportunities. |
| ★ Upper Division Major Elective Course | 3 | C | |
| PHY 101: Introduction to Physics (SQ) | 4 | C | |
| Complete 2 courses: | 6 | C | |
| Upper Division Additional Major Requirement Course | | | |
| ★ Milestone: Complete online Intent to Progress form (meet with advisor). | | | |
| ★ Milestone: Submit Identity Verified Print (IVP) DPS fingerprint clearance card. | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 14-17 | | |

| Term 6 78 - 94 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ BLE 407: SEI for Secondary Students (L) | 3 | C | <ul style="list-style-type: none"> • During your clinical experience internship, you will work alongside a lead teacher in a 6th-12th grade classroom. Reliable transportation is important. • Students may substitute SED 398 for their Upper Division Major Laboratory/Research Course in Term 6. Speak to your SOLS advisor to discuss this special exception. • Use Handshake to research employment opportunities. |
| ★ SED 397: Clinical Experience II | 1 | C | |
| ★ SPE 417: Inclusion Practices at the Secondary Level | 3 | C | |
| ★ TEL 311: Instruction and Management in the Inclusive Classroom | 3 | C | |
| Upper Division Additional Major Requirement Course | 3 | C | |
| Upper Division Major Laboratory/Research Course | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 7 94 - 110 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ BIO 480: Methods of Teaching Biology OR PHY 494: Teaching Physical Science OR SED 482: Science Teaching Methods for Secondary Schools | 3 | C | |

| | | |
|--|----|---|
| ★ RDG 323: Literacy Processes in Content Areas | 3 | C |
| ★ SED 322: Classroom Leadership in Secondary Schools (L) | 3 | C |
| ★ SED 496: Clinical Experience III | 1 | C |
| Upper Division Additional Major Requirement Course | 3 | C |
| Upper Division Major Elective Course | 3 | C |
| Minimum 2.50 GPA ASU Cumulative. | | |
| Term hours subtotal: | 16 | |

- During your clinical experience internship, you will work alongside a lead teacher in a 6th-12th grade classroom. Reliable transportation is important.
- Students seeking teacher certification must pass state **educator exams**. Please speak with your education advisor to plan appropriately.
- Meet with your advisor to verify remaining degree requirements have been met prior to student teaching in Term 8.

| Term 8 110 - 122 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|---|----|---|
| ★ SED 478: Student Teaching: Secondary Education (Grades 6-12) OR Upper Division Non-Teacher Certification Track | 12 | C |
| Minimum 2.50 GPA ASU Cumulative. | | |
| Term hours subtotal: | 12 | |

- Your student teaching residency requires a full-time commitment in a 6-12th grade classroom for the semester.
- If you choose not to participate in student teaching, select 12 hours from the non-certification track group below. Without student teaching, you will not be qualified for Arizona Department of Education Secondary Education Certification, but you will still earn a degree in Secondary Education. You may be eligible for an Arizona Subject Matter Expert credential. Please consult with your education advisor and the **Arizona Department of Education** for clarification. We highly recommend all students complete student teaching.

- Some upper-division track courses require prerequisites not required for this degree. Students may wish to use elective hours to complete those prerequisites.
- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

| Major Laboratory/Research Courses | Major Elective Courses | Additional Major Requirements Courses |
|--|--|--|
| BCH 367: Elementary Biochemistry Laboratory | BCH 361: Advanced Principles of Biochemistry | BIO 303: Plant Diversity and Evolution (L or SG) |
| BIO 308: Plant Physiology | BIO 302: Cancer--Mother of All Diseases (L) | BIO 312: Bioethics (HU) or PHI 320: Bioethics (HU) or HPS 340: Biology and Society or BIO 311: Biology and Society or HPS 314: Philosophy of Science (HU) or PHI 314: Philosophy of Science (HU) |
| BIO 321: Introductory Ecology Laboratory | BIO 304: Plants and Civilization (L) | BIO 320: Fundamentals of Ecology |
| BIO 342: General Genetics Laboratory | BIO 313: The Flora of Arizona | BIO 331: Animal Behavior |
| BIO 343: Genetic Engineering and Society (L) or MBB 343: Genetic Engineering and Society (L) | BIO 318: History of Medicine (HU & H) or HPS 331: History of Medicine (HU & H) | |

| | | |
|--|--|--|
| BIO 352: Laboratory in Vertebrate Developmental Anatomy | BIO 322: Conservation of Biodiversity | BIO 351: Developmental Biology |
| BIO 361: Animal Physiology Laboratory | BIO 323: Ecosystem Restoration and Management | BIO 353: Cell Biology |
| BIO 386: General Entomology | BIO 325: Oceanography | BIO 360: Animal Physiology |
| BIO 435: Research Techniques in Animal Behavior | BIO 355: Introduction to Computational Molecular Biology (CS) or MBB 355: Introduction to Computational Molecular Biology (CS) | BIO 370: Vertebrate Zoology |
| BIO 451: Cell Biotechnology: Cell Culture Immunocytochemistry and Bioimaging | BIO 415: Biometry (CS) | MIC 220: Biology of Microorganisms AND MIC 206: Microbiology Laboratory (SG) |
| BIO 453: Animal Histology | BIO 416: Biomedical Research Ethics (L) | |
| BIO 471: Ornithology | BIO 423: Population and Community Ecology | |
| BIO 472: Mammalogy | BIO 427: Fire (H) | |
| BIO 474: Herpetology | BIO 431: Genes Development and Evolution (L) | |
| BIO 495: Undergraduate Research | BIO 436: Sociobiology and Behavioral Ecology | |
| MBB 350: Applied Genetics | BIO 440: Functional Genomics or MBB 440: Functional Genomics | |
| MIC 220: Biology of Microorganisms AND MIC 206: Microbiology Laboratory (SG) | BIO 446: Principles of Human Genetics (L) | |
| MIC 302: Advanced Bacteriology Laboratory (L) | BIO 461: Comparative Animal Physiology | |
| | BIO 462: Endocrine Physiology | |
| | BIO 467: Neurobiology | |
| | HPS 322: History of Science (HU & H) | |
| | HPS 323: History of Science (HU & H) | |
| | HPS 330: History of Biology: Conflicts and Controversies (H) | |
| | MIC 360: Bacterial Physiology | |
| | MIC 420: Immunology: Molecular and Cellular Foundations | |
| | MIC 485: General Virology | |
| Non-Teacher Certification Track | | |
| ECS Upper Division Elective | | |
| EDP Upper Division Elective | | |
| EDT Upper Division Elective | | |
| SCN Upper Division Elective | | |
| SED Upper Division Elective | | |
| SPE Upper Division Elective | | |
| SPF Upper Division Elective | | |
| TEL Upper Division Elective | | |

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 122

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.

2020 - 2021 Major Map

Biological Sciences, BS




School/College: [The College of Liberal Arts and Sciences](#)



Location: [Online](#)

LABSCBS



In order to complete the requirements of this program, some laboratory courses will be completed in-person at the Tempe Campus.

These laboratory courses will be offered during summer. This may impact your financial aid. Financial aid is available to those who apply and qualify, and students may receive funds to help cover costs for each semester of enrollment. The amount of financial aid that a student is eligible for varies depending on prior education experience and other individual factors. [Learn](#) more about summer financial aid and additional ways to cover summer costs.



| Term 1 - A 0 - 8 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  ASU 101-UC: The ASU Experience | 1 | | <ul style="list-style-type: none"> An SAT, ACT, Accuplacer, IETLS or TOEFL score determines placement into first-year composition courses ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students |
|  BIO 181: General Biology I (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 8 | | |




| Term 1 - B 8 - 15 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  BIO 182: General Biology II (SG) | 4 | C | <ul style="list-style-type: none"> View ASU Online first-year student registration information here. Create a resume & Handshake account with the Career & Professional Development Center to explore research or internship opportunities Mathematics Placement Assessment score determines placement in mathematics and science courses Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.) Join a student organization Students transferring Calculus (MAT 270 or MAT 210) will fulfill MAT 251 requirement |
| MAT 251: Calculus for Life Sciences (MA) | 3 | C | |
| Term hours subtotal: | 7 | | |



| Term 2 - A 15 - 22 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| CHM 113: General Chemistry I (SQ) | 4 | C | <ul style="list-style-type: none"> Select your career interest area and play me3@ASU. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 2 - B 22 - 29 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| CHM 116: General Chemistry II (SQ) | 4 | C | <ul style="list-style-type: none"> If interested in health-related professional programs, research the timeline for admissions preparation and general admission requirements. |
| STP 231: Statistics for Life Science (CS) | 3 | C | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 7 | | |

- Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.)
- Students transferring General Statistics (STP 226 or PSY 230) will fulfill STP 231 requirement

| Term 3 - A 29 - 36 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  BIO 340: General Genetics | 4 | C | <ul style="list-style-type: none"> • Due to lower-division prerequisites, pre-health students are encouraged to choose upper division General Studies (HU or SB) and The College Science and Society courses. • It is not recommended to take more than two lab courses in a term. • Review the Career Guide for ASU Online students to learn about available career planning resources. |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 3 - B 36 - 42 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| Literacy and Critical Inquiry (L) | 3 | | <ul style="list-style-type: none"> • Meet with the Career & Professional Development Center to learn how to develop professional skills |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
|  Complete First-Year Composition requirement. | | | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 6 | | |

| Term 4 - A 42 - 48 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  BIO 345: Evolution | 3 | C | <ul style="list-style-type: none"> • Develop your professional online presence • Pre-health students should take CHM 233 and CHM 237 instead of CHM 231 and CHM 235. See the pre-health website for more information • If CHM 233 is taken, then CHM 234 must be taken the following semester • Organic Chemistry labs (CHM 237 for CHM 233, and CHM 238 for CHM 234) are required and available at ASU over the summer. Please speak with an advisor for more information. |
| CHM 231: Elementary Organic Chemistry (SQ) | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 4 - B 48 - 55 Credit Hours | Hours | Minimum Grade | Notes |
|----------------------------------|-------|---------------|-------|
| Humanities, Arts and Design (HU) | 3 | | |
| Elective | 4 | | |
| Term hours subtotal: | 7 | | |

| Summer 4 55 - 56 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| CHM 235: Elementary Organic Chemistry Laboratory (SQ) | 1 | C | <ul style="list-style-type: none"> • ASU Online students will complete all experiments for the CHM 235 organic chemistry lab at the Tempe Campus of ASU |
| Term hours subtotal: | 1 | | |

during a one-week session in summer. Lab reports will be completed in later weeks during the same summer term.

- Pre-health students will complete CHM 237 and CHM 238 organic chemistry labs instead of CHM 235.

| Term 5 - A 56 - 63 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| PHY 101: Introduction to Physics (SQ) | 4 | C | <ul style="list-style-type: none"> • Due to lower-division prerequisites, pre-health students are encouraged to choose upper division General Studies (HU or SB) and The College Science and Society courses. • If interested in health-related professional programs, use ASU's Health Professions Advising to prepare for application. • Pre-health students should take PHY 111 and PHY 113 instead of PHY 101 in this term. See the pre-health website for more information • Meet with your advisor to discuss ways to maximize your remaining time at ASU (i.e. pre-health; 4+1 Masters Programs; study abroad) • Explore graduate school or full-time career opportunities |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 5 - B 63 - 69 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ Additional Major Requirement Course | 3-4 | C | <ul style="list-style-type: none"> • Pre-health students should take PHY 112 and PHY 114 instead of an elective this term. See the pre-health website for more information • Network in your career interest area. |
| Elective | 3 | | |
| Term hours subtotal: | 6-7 | | |

| Term 6 - A 69 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ Upper Division Additional Major Requirement Course | 3 | C | <ul style="list-style-type: none"> • Work with your academic advisor to align your additional major requirement and major elective courses with your career aspirations • Use Handshake to research employment opportunities |
| Science and Society Elective | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 75 - 82 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ Upper Division Additional Major Requirement Course | 3 | C | |
| ★ Major Laboratory Research Course | 1 | C | |
| Upper Division Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 7 | | |

| Term 7 - A 82 - 87 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| Upper Division Major Laboratory Research Course | 2-4 | C | |

Upper Division Humanities, Arts and Design (HU) OR Upper
Division Social-Behavioral Sciences (SB) 3

Term hours subtotal: 5-7

- Meet with your advisor to verify remaining degree requirements have been met prior to Term 8
- **Explore** or apply for full-time career opportunities or graduate school

| Term 7 - B 87 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | | |
|--|---|---|--|
| ★ Upper Division Major Elective Course | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 93 - 99 Credit Hours | Hours | Minimum Grade | Notes |
|---------------------------------|-------|---------------|-------|
|---------------------------------|-------|---------------|-------|

| | | | |
|--|---|---|--|
| Upper Division Science and Society Elective | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 6 | | |

- Explore other resources available through ASU's **Career and Professional Development Center**

| Term 8 - B 99 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | | |
|--|---|---|--|
| ★ Upper Division Major Elective Course | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

- Gather **professional references**

| Term 9 - A 105 - 111 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | | |
|--|---|---|--|
| ★ Upper Division Additional Major Requirement Course | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - B 111 - 117 Credit Hours | Hours | Minimum Grade | Notes |
|-----------------------------------|-------|---------------|-------|
|-----------------------------------|-------|---------------|-------|

| | | | |
|-------------------------|---|--|--|
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

- Continue to apply for **full-time career opportunities** or **graduate school**

| Term 10 - A 117 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | | |
|--|---|---|--|
| ★ Upper Division Additional Major Requirement Course | 3 | C | |
| Term hours subtotal: | 3 | | |

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

Major Laboratory Research Course

Major Electives

Additional Major Requirements Courses

| | | |
|--|--|--|
| BCH 367: Elementary Biochemistry Laboratory | BCH 361: Advanced Principles of Biochemistry | BCH 361: Advanced Principles of Biochemistry |
| BIO 354: Cell Biology Laboratory | BIO 304: Plants and Civilization (L) or ENV 302: Plants and Civilization (L) | BIO 312: Bioethics (HU) or PHI 320: Bioethics (HU) or PHI 314: Philosophy of Science (HU) or HPS 314: Philosophy of Science (HU) |
| BIO 361: Animal Physiology Laboratory | BIO 316: History of Biology: Conflicts and Controversies (H) or HPS 330: History of Biology: Conflicts and Controversies (H) | BIO 320: Fundamentals of Ecology |
| BIO 370: Vertebrate Zoology | BIO 370: Vertebrate Zoology | BIO 331: Animal Behavior |
| BIO 484: Internship or MIC 484: Internship | BIO 412: Conservation in Practice | BIO 351: Developmental Biology |
| BIO 495: Undergraduate Research or MBB 495: Undergraduate Research | BIO 416: Biomedical Research Ethics (L) | BIO 353: Cell Biology |
| MIC 220: Biology of Microorganisms AND MIC 206: Microbiology Laboratory (SG) | BIO 484: Internship or MIC 484: Internship | BIO 360: Animal Physiology |
| | BIO 495: Undergraduate Research or MBB 495: Undergraduate Research or MIC 495: Undergraduate Research | BIO 370: Vertebrate Zoology |
| | CHM 435: Medicinal Chemistry | MIC 220: Biology of Microorganisms AND MIC 206: Microbiology Laboratory (SG) |
| | HPS 322: History of Science (HU & H) | |
| | MIC 314: HIV/AIDS: Science Behavior and Society | |
| | MIC 420: Immunology: Molecular and Cellular Foundations or BIO 420: Immunology: Molecular and Cellular Foundations | |

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map




Biological Sciences (Biology and Society), BS





School/College: The College of Liberal Arts and Sciences

Location: Tempe campus



LABSCSBS




| Term 1 0 - 15 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  BIO 281: Conceptual Approaches to Biology for Majors I (SQ) OR BIO 181: General Biology I (SQ) | 4 | C | <ul style="list-style-type: none"> Mathematics Placement Assessment score determines placement in mathematics and science course LIA 101, ASU 101, or other First-Year Seminar required of all first-year students An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses Students transferring General Statistics (STP 226 or PSY 230) will fulfill STP 231 requirement Select your career interest area and play me3@ASU |
|  LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| CHM 113: General Chemistry I (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| STP 231: Statistics for Life Science (CS) | 3 | C | |
| Term hours subtotal: | 15 | | |

| Term 2 15 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  BIO 282: Conceptual Approaches to Biology for Majors II OR BIO 182: General Biology II (SG) | 4 | C | <ul style="list-style-type: none"> Join a student organization Create a resume & Handshake account with the Career & Professional Development Center Explore Research Opportunities Attend a Pre-Health 101 Session Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.) Students transferring Calculus (MAT 270 or MAT 210) will fulfill MAT 251 requirement |
| CHM 116: General Chemistry II (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 251: Calculus for Life Sciences (MA) | 3 | C | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 17 | | |

| Term 3 32 - 48 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  BIO 340: General Genetics | 4 | C | <ul style="list-style-type: none"> Pre-health students should take CHM 233 and CHM 237 instead of the elective in this term. See pre-health website for more information. If CHM 233 and 237 are taken, then CHM 234 and 238 must be taken the following semester It is not recommended to take more than two lab courses in a term. BIO 311 or HPS 340 will fulfill the upper-division Science and Society requirement for The College |
| BIO 311: Biology and Society OR HPS 340: Biology and Society | 3 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Complete 2 courses: Elective | 6 | | |
|  Complete First-Year Composition requirement. | | | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

- Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.)
- Attend a [Study Abroad 101 Session](#)
- Explore [minors and certificates](#)

| Term 4 48 - 63 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  BIO 345: Evolution | 3 | C | <ul style="list-style-type: none"> • Pre-health students should take CHM 234 and CHM 238 instead of the elective in this term. See pre-health website for more information. • If CHM 233 and 237 are taken, then CHM 234 and 238 must be taken the following semester • Explore or pursue internship opportunities • Meet with the Career & Professional Development Center to learn how to develop professional skills |
| Literacy and Critical Inquiry (L) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Complete 2 courses: | | | |
| Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 5 63 - 77 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  BIO 314: Research Colloquium in Biology and Society I (L) | 2 | C | <ul style="list-style-type: none"> • Pre-health students should take PHY 111 and 113 instead of an elective this term. See the pre-health website for more information • BIO 314 is recommended in this term, but can also be taken in Term 7 • BIO 314 is only taught in the Fall semester • Meet with your advisor to discuss ways to maximize your remaining time at ASU (i.e. pre-health; 4+1 Masters Programs; study abroad) • Some upper-division Science in Contemporary Society Interface courses require lower-division prerequisites which may be taken as electives • Explore graduate school or full-time career opportunities |
|  Upper Division Science in Contemporary Society Interface Course | 3 | C | |
| Science and Society Elective | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 14 | | |

| Term 6 77 - 93 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  Upper Division History and Philosophy of Science Interface Course | 3 | C | <ul style="list-style-type: none"> • Pre-health students should take PHY 112 and 114 instead of electives this term. See the pre-health website for more information • Research employment opportunities or graduate school programs |
|  Upper Division Major Biological Sciences Elective | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Complete 2 courses: | | | |
| Elective | 7 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 7 93 - 107 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  Upper Division Additional Major Core Elective Courses | 3 | C | |
| Complete 2 courses: | | | |

| | | |
|---|----|---|
| ★ Upper Division Major Biological Sciences Elective | 6 | C |
| Upper Division Ethics Interface Course | 3 | C |
| Upper Division Elective | 2 | |
| Term hours subtotal: | 14 | |

- Meet with your **advisor** to verify remaining degree requirements have been met prior to Term 8
- Explore or apply for **full-time career opportunities or graduate school**

| Term 8 107 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ BIO 414: Research Colloquium in Biology and Society II (L) | 1 | C | <ul style="list-style-type: none"> • BIO 414 is only taught in the Spring semester • Students who complete less than 3 hours of BIO 484 or BIO 495 should plan to complete additional elective hours to reach the minimum 120 total hours required for this degree. • BIO 484 or BIO 495 requires the completion of an individualized instruction form and meeting with a faculty member before the semester begins. These are positions and research experience secured by the student on their own. • Continue to apply for full-time career opportunities or graduate school |
| ★ Upper Division Major Biological Sciences Elective | 3 | C | |
| BIO 484: Internship OR BIO 492: Honors Directed Study OR BIO 495: Undergraduate Research | 1 | | |
| Upper Division Elective | 2 | | |
| Complete 2 courses: Elective | 6 | | |
| Term hours subtotal: | 13 | | |

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

| Science in Contemporary Society Interface Courses | Major Biological Sciences Elective Courses | Additional Major Core Elective Courses |
|--|--|--|
| AFR 383: Blacks in Science Medicine and Public Health | BIO 303: Plant Diversity and Evolution (L or SG) or ENV 300: Plant Diversity and Evolution (L or SG) | BIO 302: Cancer--Mother of All Diseases (L) |
| ASB 353: Death and Dying in Cross-Cultural Perspective ((HU or SB) & G) | BIO 308: Plant Physiology | BIO 304: Plants and Civilization (L) or ENV 302: Plants and Civilization (L) |
| BIO 302: Cancer--Mother of All Diseases (L) | BIO 309: Plant Anatomy | BIO 312: Bioethics (HU) or PHI 320: Bioethics (HU) |
| BIO 304: Plants and Civilization (L) or ENV 302: Plants and Civilization (L) | BIO 312: Bioethics (HU) or PHI 320: Bioethics (HU) | BIO 316: History of Biology: Conflicts and Controversies (H) or HPS 330: History of Biology: Conflicts and Controversies (H) |
| BIO 317: History of Science (HU & H) | BIO 313: The Flora of Arizona | BIO 322: Conservation of Biodiversity |
| BIO 322: Conservation of Biodiversity | BIO 316: History of Biology: Conflicts and Controversies (H) or HPS 330: History of Biology: Conflicts and Controversies (H) | BIO 323: Ecosystem Restoration and Management |
| BIO 323: Ecosystem Restoration and Management | BIO 320: Fundamentals of Ecology | BIO 324: Environmental Ethics (HU) or PHI 310: Environmental Ethics (HU) |
| BIO 412: Conservation in Practice or SOS 412: Conservation in Practice | BIO 322: Conservation of Biodiversity | BIO 412: Conservation in Practice or SOS 412: Conservation in Practice |
| BIO 427: Fire (H) | BIO 323: Ecosystem Restoration and Management | BIO 416: Biomedical Research Ethics (L) or HPS 410: Biomedical Research Ethics (L) |
| HPS 311: Origins Evolution and Creation | BIO 324: Environmental Ethics (HU) or PHI 310: Environmental Ethics (HU) | |

| | | |
|--|---|---|
| MIC 314: HIV/AIDS: Science Behavior and Society or SSH 314: HIV/AIDS: Science Behavior and Society | BIO 331: Animal Behavior | BIO 427: Fire (H) |
| WST 360: Women as Healers (SB & G) | BIO 343: Genetic Engineering and Society (L) or MBB 343: Genetic Engineering and Society (L) | HPS 311: Origins Evolution and Creation |
| | BIO 351: Developmental Biology | HPS 313: Probability Evidence and Decision or PHI 313: Probability Evidence and Decision |
| | BIO 353: Cell Biology | HPS 314: Philosophy of Science (HU) or PHI 314: Philosophy of Science (HU) |
| | BIO 360: Animal Physiology | HPS 322: History of Science (HU & H) |
| | BIO 370: Vertebrate Zoology | HPS 323: History of Science (HU & H) or BIO 317: History of Science (HU & H) or HST 385: History of Chinese Medicine (HU & H & G) |
| | BIO 386: General Entomology | HPS 331: History of Medicine (HU & H) or BIO 318: History of Medicine (HU & H) |
| | BIO 412: Conservation in Practice or SOS 412: Conservation in Practice | HPS 336: Exploration and Science (SB & H) |
| | BIO 415: Biometry (CS) | MIC 314: HIV/AIDS: Science Behavior and Society or SSH 314: HIV/AIDS: Science Behavior and Society |
| | BIO 416: Biomedical Research Ethics (L) or HPS 410: Biomedical Research Ethics (L) | |
| | BIO 427: Fire (H) | |
| | BIO 431: Genes Development and Evolution (L) | |
| | BIO 436: Sociobiology and Behavioral Ecology | |
| | BIO 440: Functional Genomics or MBB 440: Functional Genomics | |
| | BIO 446: Principles of Human Genetics (L) or ASM 446: Principles of Human Genetics (L) | |
| | BIO 461: Comparative Animal Physiology | |
| | BIO 462: Endocrine Physiology | |
| | BIO 467: Neurobiology | |
| | BIO 471: Ornithology | |
| | BIO 472: Mammalogy | |
| | BIO 498: Sonoran Desert Field Botany | |
| | BMI 465: Introduction to Comparative Genomics | |
| | HPS 311: Origins Evolution and Creation | |
| | HPS 313: Probability Evidence and Decision or PHI 313: Probability Evidence and Decision | |
| | HPS 314: Philosophy of Science (HU) or PHI 314: Philosophy of Science (HU) | |
| | HPS 322: History of Science (HU & H) or BIO 317: History of Science (HU & H) or HST 385: History of Chinese Medicine (HU & H & G) | |
| | HPS 323: History of Science (HU & H) | |

HPS 331: History of Medicine (HU & H) or
BIO 318: History of Medicine (HU & H)

HPS 336: Exploration and Science (SB & H)

MBB 355: Introduction to Computational
Molecular Biology (CS) or BIO 355:
Introduction to Computational Molecular
Biology (CS) or MAT 355: Introduction to
Computational Molecular Biology (CS)

MIC 314: HIV/AIDS: Science Behavior and
Society or SSH 314: HIV/AIDS: Science
Behavior and Society

MIC 360: Bacterial Physiology

MIC 420: Immunology: Molecular and
Cellular Foundations

History and Philosophy of Science Interface Courses

ASB 357: Society Drugs and Health (SB & G)

BIO 316: History of Biology: Conflicts and
Controversies (H) or HPS 330: History of
Biology: Conflicts and Controversies (H)

HPS 311: Origins Evolution and Creation

HPS 313: Probability Evidence and Decision
or PHI 313: Probability Evidence and
Decision

HPS 314: Philosophy of Science (HU) or PHI
314: Philosophy of Science (HU)

HPS 322: History of Science (HU & H)

HPS 323: History of Science (HU & H) or
BIO 317: History of Science (HU & H)

HPS 331: History of Medicine (HU & H) or
BIO 318: History of Medicine (HU & H)

HPS 336: Exploration and Science (SB & H)

Ethics Interface Courses

BIO 312: Bioethics (HU) or PHI 320:
Bioethics (HU)

BIO 324: Environmental Ethics (HU) or PHI
310: Environmental Ethics (HU)

BIO 416: Biomedical Research Ethics (L) or
HPS 410: Biomedical Research Ethics (L)

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map




Biological Sciences (Biomedical Sciences), BS





School/College: The College of Liberal Arts and Sciences

Location: Tempe campus



LABSCMBS






| Term 1 0 - 15 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  BIO 181: General Biology I (SQ) OR BIO 281: Conceptual Approaches to Biology for Majors I (SQ) | 4 | C | <ul style="list-style-type: none"> Mathematics Placement Assessment score determines placement in mathematics and science courses LIA 101, ASU 101, or other First-Year Seminar is required of all first-year students An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses Students transferring General Statistics (STP 226 or PSY 230) will fulfill STP 231 requirement Select your career interest area and play me3@ASU. |
|  LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| CHM 113: General Chemistry I (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| STP 231: Statistics for Life Science (CS) | 3 | C | |
| Term hours subtotal: | 15 | | |



| Term 2 15 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  BIO 182: General Biology II (SG) OR BIO 282: Conceptual Approaches to Biology for Majors II | 4 | C | <ul style="list-style-type: none"> Create a resume & Handshake account with the Career & Professional Development Center to explore research or internship opportunities Attend a Pre-Health 101 Session Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.) Join a student organization Students transferring Calculus (MAT 270 or MAT 210) will fulfill MAT 251 requirement |
| CHM 116: General Chemistry II (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 251: Calculus for Life Sciences (MA) | 3 | C | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 17 | | |

| Term 3 32 - 46 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  BIO 340: General Genetics OR MBB 347: Molecular Genetics: From Genes to Proteins | 4 | C | <ul style="list-style-type: none"> Pre-health students should take CHM 233 and CHM 237 instead of CHM 231 and CHM 235. See pre-health website for more information. If CHM 233 and 237 are taken, then CHM 234 and 238 must be taken the following semester It is not recommended to take more than two lab courses in a term. Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.) Attend a Study Abroad 101 Session |
| CHM 231: Elementary Organic Chemistry (SQ) | 3 | C | |
| CHM 235: Elementary Organic Chemistry Laboratory (SQ) | 1 | C | |
| Science and Society Elective | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
|  Complete First-Year Composition requirement. | | | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 14 | | |

- Explore [minors or certificates](#)

| Term 4 46 - 61 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  BIO 345: Evolution | 3 | C | <ul style="list-style-type: none"> • Pre-health students should take CHM 234 and CHM 238 instead of the elective in this term. See pre-health website for more information. • If CHM 233 and 237 are taken, then CHM 234 and 238 must be taken the following semester • Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.) • Meet with the Career & Professional Development Center to learn how to develop professional skills |
| Literacy and Critical Inquiry (L) | 3 | | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Complete 2 courses: | | | |
| Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 5 61 - 75 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  BCH 361: Advanced Principles of Biochemistry | 3 | C | <ul style="list-style-type: none"> • Pre-health students should take PHY 111 and PHY 113 instead of PHY 101 in this term. See pre-health website for more information. • Meet with your advisor to discuss ways to maximize your remaining time at ASU (i.e. pre-health; 4+1 Masters Programs; study abroad) • Explore graduate school or full-time career opportunities |
|  BCH 367: Elementary Biochemistry Laboratory | 1 | C | |
|  BIO 353: Cell Biology | 3 | C | |
|  BIO 360: Animal Physiology | 3 | C | |
| PHY 101: Introduction to Physics (SQ) | 4 | C | |
| Term hours subtotal: | 14 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| BIO 351: Developmental Biology OR BIO 420: Immunology: Molecular and Cellular Foundations OR BIO 440: Functional Genomics OR BIO 462: Endocrine Physiology OR BIO 467: Neurobiology | 3 | C | <ul style="list-style-type: none"> • Pre-health students should take PHY 112 and PHY 114 instead of an elective in this term. See pre-health website for more information. • BIO 312 or BIO 416 will be used to satisfy the upper-division Science and Society credit for The College. • Some upper-division Medicine in Society and Biomedical Research Courses require prerequisites, which may be taken as electives. • Research employment opportunities or graduate school programs |
| BIO 312: Bioethics (HU) OR BIO 416: Biomedical Research Ethics (L) | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Upper Division Elective | 4 | | |
| Elective | 2 | | |
|  Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 106 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  Upper Division Biomedical Research Course OR Upper Division Medicine in Society Course | 4-2 | C | <ul style="list-style-type: none"> • Courses from the Medicine in Society and Biomedical Research groups must include at least one course from each group and at least one lab course. |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective | 3 | | |
| Elective OR BIO 484: Internship OR MIC 484: Internship | 3 | | |

Term hours subtotal: 16-14

- Some upper-division Medicine in Society and Biomedical Research Courses require prerequisites, which may be taken as electives.
- Explore or apply for **full-time career opportunities** or **graduate school**
- Meet with your **advisor** to verify remaining degree requirements have been met prior to Term 8

| Term 8 106 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ BIO 351: Developmental Biology OR BIO 420: Immunology: Molecular and Cellular Foundations OR BIO 440: Functional Genomics OR BIO 462: Endocrine Physiology OR BIO 467: Neurobiology | 3 | C | <ul style="list-style-type: none"> • Courses from the Medicine in Society and Biomedical Research groups must include at least one course from each group and at least one lab course. • Continue to apply for full-time career opportunities or graduate school |
| ★ Upper Division Biomedical Research Course OR Upper Division Medicine in Society Course | 2-4 | C | |
| Complete 3 courses: Elective | 9 | | |
| Term hours subtotal: | | 14-16 | |

- Students must take at least one course from the Medicine in Society group and at least one course from the Biomedical Research group, and at least one of those must be a lab course.
- Some upper-division Medicine in Society Courses require lower-division prerequisites, which may be taken as electives. See list of Suggested Electives provided.
- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

| Biomedical Research | Medicine in Society | Suggested Electives |
|---|--|---|
| BIO 342: General Genetics Laboratory | ASB 301: Global History of Health (SB & G & H) or HST 301: Global History of Health (SB & G & H) or SSH 301: Global History of Health (SB & G & H) | ASB 100: Introduction to Global Health (SB & G) |
| BIO 343: Genetic Engineering and Society (L) or MBB 343: Genetic Engineering and Society (L) | ASB 355: Traditional Medicine and Healing (HU or SB) | ASB 102: Introduction to Cultural Anthropology (SB & G) |
| BIO 352: Laboratory in Vertebrate Developmental Anatomy | ASB 443: Cross-Cultural Studies in Global Health ((L or SB) & G) or SSH 403: Cross-Cultural Studies in Global Health ((L or SB) & G) | ASB 222: Buried Cities and Lost Tribes ((HU or SB) & G & H) |
| BIO 355: Introduction to Computational Molecular Biology (CS) or MAT 355: Introduction to Computational Molecular Biology (CS) or MBB 355: Introduction to Computational Molecular Biology (CS) | ASB 452: Community Partnerships for Global Health (SB) or SSH 402: Community Partnerships for Global Health (SB) | ASB 223: Aztecs Incas and Mayas ((HU or SB) & G & H) |
| BIO 361: Animal Physiology Laboratory | ASB 462: Medical Anthropology: Culture and Health (SB & C) | ASM 104: Bones Stones and Human Evolution (SB or SG) |
| BIO 415: Biometry (CS) | | BIO 331: Animal Behavior |
| | | BMI 465: Introduction to Comparative Genomics |

| | | |
|--|--|--|
| BIO 435: Research Techniques in Animal Behavior | ASM 345: Disease and Human Evolution | HST 101: Global History Since 1500 (HU & H & G) or SGS 111: Global History Since 1500 (HU & H & G) |
| BIO 439: Computing for Research | ASM 401: Health and Human Biology | |
| BIO 450: Advanced Developmental Biology | BIO 302: Cancer--Mother of All Diseases (L) | MBB 445: Techniques in Molecular Biology/Genetics or MIC 445: Techniques in Molecular Biology/Genetics |
| BIO 451: Cell Biotechnology: Cell Culture Immunocytochemistry and Bioimaging | BIO 311: Biology and Society or HPS 340: Biology and Society | |
| BIO 492: Honors Directed Study or MBB 492: Honors Directed Study or MIC 492: Honors Directed Study | BIO 408: Advanced Evolutionary Medicine | MIC 420: Immunology: Molecular and Cellular Foundations or BIO 420: Immunology: Molecular and Cellular Foundations |
| BIO 495: Undergraduate Research or MBB 495: Undergraduate Research or MIC 495: Undergraduate Research | HPS 331: History of Medicine (HU & H) | |
| | MIC 314: HIV/AIDS: Science Behavior and Society | |
| BMI 465: Introduction to Comparative Genomics | | |
| MBB 446: Techniques in Molecular Biology/Genetics Lab or MIC 446: Techniques in Molecular Biology/Genetics Lab | | |
| MIC 421: Experimental Immunology | | |
| MIC 425: Advanced Immunology | | |

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.

2020 - 2021 Major Map

Biological Sciences (Biomedical Sciences), BS




School/College: [The College of Liberal Arts and Sciences](#)



Location: [Online](#)

LABSCMBS


In order to complete the requirements of this program, some laboratory courses will be completed in-person at the Tempe Campus.

These laboratory courses will be offered during summer. This may impact your financial aid. Financial aid is available to those who apply and qualify, and students may receive funds to help cover costs for each semester of enrollment. The amount of financial aid that a student is eligible for varies depending on prior education experience and other individual factors. [Learn](#) more about summer financial aid and additional ways to cover summer costs.

| Term 1 - A 0 - 8 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ASU 101-UC: The ASU Experience | 1 | | <ul style="list-style-type: none"> ASU 101 or other First-Year Seminar is required of all first-year students An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses |
|  BIO 181: General Biology I (SQ) | 4 | C | |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 8 | | |

| Term 1 - B 8 - 15 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  BIO 182: General Biology II (SQ) | 4 | C | <ul style="list-style-type: none"> View ASU Online first-year student registration information here. Create a resume & Handshake account with the Career & Professional Development Center to explore research or internship opportunities Mathematics Placement Assessment score determines placement in mathematics and science courses Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.) Join a student organization Students transferring Calculus (MAT 270 or MAT 210) will fulfill MAT 251 requirement |
| MAT 251: Calculus for Life Sciences (MA) | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 2 - A 15 - 22 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| CHM 113: General Chemistry I (SQ) | 4 | C | <ul style="list-style-type: none"> Select your career interest area and play me3@ASU |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 2 - B 22 - 29 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| CHM 116: General Chemistry II (SQ) | 4 | C | |
| STP 231: Statistics for Life Science (CS) | 3 | C | |

◆ Complete ENG 101 OR ENG 105 OR ENG 107 course(s).

Term hours subtotal: 7

- If interested in health-related professional programs, research the [timeline](#) for admissions preparation and [general admission requirements](#).
- Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.)
- Students transferring General Statistics (STP 226 or PSY 230) will fulfill STP 231 requirement

| Term 3 - A 29 - 36 Credit Hours Critical course signified by ◆ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | | |
|-----------------------------|---|---|--|
| ◆ BIO 340: General Genetics | 4 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 7 | | |

- Due to lower-division prerequisites, pre-health students are encouraged to choose upper-division General Studies (HU or SB) and The College Science and Society courses.
- It is not recommended to take more than two lab courses in a term.
- Review the [Career Guide for ASU Online students](#) to learn about available career planning resources.

| Term 3 - B 36 - 42 Credit Hours Critical course signified by ◆ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | | |
|--|---|---|--|
| ◆ BIO 345: Evolution | 3 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| ◆ Complete First-Year Composition requirement. | | | |
| ◆ Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 6 | | |

- Meet with the [Career & Professional Development Center](#) to learn how to develop professional skills

| Term 4 - A 42 - 48 Credit Hours Critical course signified by ◆ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | | |
|--|---|---|--|
| ◆ CHM 231: Elementary Organic Chemistry (SQ) | 3 | C | |
| Science and Society Elective | 3 | C | |
| Term hours subtotal: | 6 | | |

- Develop your [professional online presence](#)
- Pre-health students should take CHM 233 and CHM 237 instead of CHM 231 and CHM 235. See [pre-health website](#) for more information
- If CHM 233 and 237 are taken, then CHM 234 and 238 must be taken the following term
- Organic Chemistry labs (CHM 237 for CHM 233, and CHM 238 for CHM 234) are required and available at ASU over the summer. Please speak with an advisor for more information.

| Term 4 - B 48 - 54 Credit Hours | Hours | Minimum Grade | Notes |
|---------------------------------|-------|---------------|-------|
|---------------------------------|-------|---------------|-------|

| | | | |
|--|---|---|--|
| BIO 312: Bioethics (HU) OR BIO 416: Biomedical Research Ethics (L) | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 6 | | |

- BIO 312 or BIO 416 may be used to satisfy the upper-division Science and Society credit for The College.

| Summer 4 Session 1 54 - 55 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | | |
|---|---|---|--|
| CHM 235: Elementary Organic Chemistry Laboratory (SQ) | 1 | C | |
|---|---|---|--|

Term hours subtotal: 1

- ASU Online students will complete all experiments for the CHM 235 organic chemistry lab at the ASU Tempe campus during a one-week session in summer. Lab reports will be completed in later weeks during the same summer term.
- Pre-health students will complete CHM 237 and CHM 238 organic chemistry labs instead of CHM 235.

| Term 5 - A 55 - 62 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| PHY 101: Introduction to Physics (SQ) | 4 | C | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Term hours subtotal: | 7 | | |

- Due to lower-division prerequisites, pre-health students are encouraged to choose upper-division General Studies (HU or SB) and The College Science and Society courses.
- If interested in health-related professional programs, use [ASU's Health Professions Advising](#) to prepare for applications.
- Pre-health students should take PHY 111 and PHY 113 instead of PHY 101 in this term. See the pre-health [website](#) for more information.
- Meet with your advisor to discuss ways to maximize your remaining time at ASU (i.e. pre-health; 4+1 Masters Programs; study abroad)
- Explore [graduate school](#) or full-time [career opportunities](#).

| Term 5 - B 62 - 68 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ BIO 360: Animal Physiology | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

- Pre-health students should take PHY 112 and PHY 114 instead of Elective this term. See the pre-health [website](#) for more information
- [Network](#) in your career interest area.

| Term 6 - A 68 - 74 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ BIO 353: Cell Biology | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 6 | | |

- Biochemistry lab BCH 367 is available at ASU over the summer. Please speak with an advisor for more information
- Pre-health students should take PHY 112 and PHY 114 instead of an elective in this term. See pre-health [website](#) for more information.

| Term 6 - B 74 - 80 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ BCH 361: Advanced Principles of Biochemistry | 3 | C | |
| Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 6 | | |

- Biochemistry lab BCH 367 is available at ASU over the summer. Please speak with an advisor for more information.

| Summer 6 Session 2 80 - 84 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|---|---|---|
| ★ BCH 367: Elementary Biochemistry Laboratory | 1 | C |
| Elective | 3 | |
| Term hours subtotal: | 4 | |

- ASU Online students will complete all experiments for the BCH 367 biochemistry lab at the ASU Tempe campus during a one-week session in summer. Lab reports will be completed in later weeks during the same summer term.

| Term 7 - A 84 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| BIO 351: Developmental Biology OR BIO 420: Immunology: | | | |
| ★ Molecular and Cellular Foundations OR BIO 440: Functional Genomics OR BIO 462: Endocrine Physiology OR BIO 467: Neurobiology | 3 | C | <ul style="list-style-type: none"> Meet with your advisor to verify remaining degree requirements have been met prior to Term 8 Explore or apply for full-time career opportunities or graduate school |
| Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 90 - 96 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| BIO 351: Developmental Biology OR BIO 420: Immunology: | | | |
| ★ Molecular and Cellular Foundations OR BIO 440: Functional Genomics OR BIO 462: Endocrine Physiology OR BIO 467: Neurobiology | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 96 - 99 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| Elective OR BIO 484: Internship OR MIC 484: Internship | 3 | | <ul style="list-style-type: none"> Explore other resources available through ASU's Career and Professional Development Center |
| Term hours subtotal: | 3 | | |

| Term 8 - B 99 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ Upper Division Biomedical Research Course OR Upper Division Medicine in Society Course | 3 | C | <ul style="list-style-type: none"> Some upper-division Medicine in Society and Biomedical Research Courses require prerequisites, which may be taken as electives. Courses from the Medicine in Society and Biomedical Research groups must include at least one course from each group and at least one lab course. Research employment opportunities or graduate school programs Gather professional references |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 9 - A 105 - 113 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ Upper Division Biomedical Research Course OR Upper Division Medicine in Society Course | 3 | C | <ul style="list-style-type: none"> Courses from the Medicine in Society and Biomedical Research groups must include at least one course from each group and at least one lab course. Some upper-division Medicine in Society and Biomedical Research Courses require prerequisites, which may be taken as electives. |
| Complete 2 courses: | | | |
| Elective | 5 | | |
| Term hours subtotal: | 8 | | |

| Term 9 - B 113 - 120 Credit Hours | Hours | Minimum Grade | Notes |
|-----------------------------------|-------|---------------|-------|
|-----------------------------------|-------|---------------|-------|

Complete 2 courses:

Upper Division Elective

7

Term hours subtotal:

7

- Meet with your advisor to verify remaining degree requirements have been met prior to Term 8
- Continue to apply for full-time career opportunities or graduate school

- Students must take at least one course from the Medicine in Society group and at least one course from the Biomedical Research group, and at least one of those must be a lab course.
- Some upper-division Medicine in Society Courses require lower-division prerequisites, which may be taken as electives. See list of Suggested Electives provided.
- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

| Biomedical Research | Medicine in Society | Suggested Electives |
|---|--|--|
| BIO 361: Animal Physiology Laboratory | ASB 301: Global History of Health (SB & G & H) or HST 301: Global History of Health (SB & G & H) or SSH 301: Global History of Health (SB & G & H) | ASB 100: Introduction to Global Health (SB & G) |
| BIO 415: Biometry (CS) | | ASB 102: Introduction to Cultural Anthropology (SB & G) |
| BIO 495: Undergraduate Research or MIC 495: Undergraduate Research or MBB 495: Undergraduate Research | ASB 443: Cross-Cultural Studies in Global Health ((L or SB) & G) or SSH 403: Cross-Cultural Studies in Global Health ((L or SB) & G) | ASB 222: Buried Cities and Lost Tribes ((HU or SB) & G & H) |
| | ASB 452: Community Partnerships for Global Health (SB) or SSH 402: Community Partnerships for Global Health (SB) | ASM 104: Bones Stones and Human Evolution (SB or SG) |
| | ASB 462: Medical Anthropology: Culture and Health (SB & C) | BIO 331: Animal Behavior |
| | ASM 345: Disease and Human Evolution | HST 101: Global History Since 1500 (HU & H & G) or SGS 111: Global History Since 1500 (HU & H & G) |
| | HPS 331: History of Medicine (HU & H) | MIC 420: Immunology: Molecular and Cellular Foundations or BIO 420: Immunology: Molecular and Cellular Foundations |
| | MIC 314: HIV/AIDS: Science Behavior and Society | |

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map




Biological Sciences (Conservation Biology and Ecology), BS





School/College: The College of Liberal Arts and Sciences

Location: Tempe campus



LABSCCBS





| Term 1 0 - 15 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  BIO 281: Conceptual Approaches to Biology for Majors I (SQ) OR BIO 181: General Biology I (SQ) | 4 | C | <ul style="list-style-type: none"> • Mathematics Placement Assessment score determines placement in mathematics and science courses • LIA 101, ASU 101, or other First-Year Seminar required of all first-year students • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Students transferring General Statistics (STP 226 or PSY 230) will fulfill STP 231 requirement • Select your career interest area and play me3@ASU. |
|  LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| CHM 113: General Chemistry I (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| STP 231: Statistics for Life Science (CS) | 3 | C | |
| Term hours subtotal: | 15 | | |




| Term 2 15 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  BIO 282: Conceptual Approaches to Biology for Majors II OR BIO 182: General Biology II (SG) | 4 | C | <ul style="list-style-type: none"> • Join a student organization • Create a resume & Handshake account with the Career & Professional Development Center • Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.) • Attend a Pre-Health 101 Session • Students transferring Calculus (MAT 270 or MAT 210) will fulfill MAT 251 requirement |
| CHM 116: General Chemistry II (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 251: Calculus for Life Sciences (MA) | 3 | C | |
| Elective | 1 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |



| Term 3 30 - 45 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  BIO 320: Fundamentals of Ecology | 3 | C | <ul style="list-style-type: none"> • Pre-health students should take CHM 233 and CHM 237 as their Physical Science requirement course this term. See the pre-health website for more information • If CHM 233 and 237 are taken, then CHM 234 and 238 must be taken the following semester • It is not recommended to take more than two lab courses in a term. • Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.) • Attend a Study Abroad 101 Session • Explore minors or certificates |
| Physical Science Requirement Course | 3 | C | |
| Science and Society Elective | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
|  Complete First-Year Composition requirement. | | | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 15 | | |

Minimum

| Term 4 45 - 61 Credit Hours Critical course signified by  | Hours | Grade | Notes |
|---|-------|-------|--|
|  BIO 340: General Genetics | 4 | C | <ul style="list-style-type: none"> • Meet with the Career & Professional Development Center to learn how to develop professional skills • Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.) • Pre-health students should take CHM 234 and CHM 238 this term instead of an elective. See the pre-health website for more information • If CHM 233 and 237 are taken, then CHM 234 and 238 must be taken the following semester |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Complete 2 courses: | | | |
| Elective | 6 | | |
| Term hours subtotal: | 16 | | |

| Term 5 61 - 76 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  BIO 322: Conservation of Biodiversity | 3 | C | <ul style="list-style-type: none"> • BIO 322 will be used to satisfy the upper-division Science and Society requirement for The College. • Pre-health students should take PHY 111 and 113 instead of an elective this term. See the pre-health website for more information • Meet with your advisor to discuss ways to maximize your remaining time at ASU (i.e. pre-health; 4+1 Masters Programs; study abroad) • Explore graduate school or full-time career opportunities |
|  BIO 345: Evolution | 3 | C | |
|  Upper Division Human Dimensions of Conservation and Ecology Course | 3 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 76 - 91 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  Upper Division Conservation Biology and Ecology Field Methods Course | 3 | C | <ul style="list-style-type: none"> • Conservation Biology and Ecology courses teach students field (outdoor) and laboratory methods that are commonly used in conservation biology and ecology. • Pre-health students should take PHY 112 and 114 instead of Elective this term. See the pre-health website for more information • Use Handshake to research employment opportunities |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Complete 2 courses: | | | |
| Upper Division Elective | 6 | | |
| Elective | 3 | | |
|  Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 91 - 106 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  Upper Division Advanced Ecology Course | 3-4 | C | <ul style="list-style-type: none"> • Explore or apply for full-time career opportunities or graduate school • Meet with your advisor to verify remaining degree requirements have been met prior to Term 8. |
| Quantitative & Spatial Analysis Course | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Complete 2 courses: | | | |
| Elective | 6 | | |
| Term hours subtotal: | 15-16 | | |

| Term 8 106 - 120 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | |
|---|----|---|
| ★ Upper Division Advanced Ecology, Biodiversity, Field or Research Course | 3 | C |
| ★ Upper Division Advanced Human Dimensions of Conservation and Ecology Course | 3 | C |
| Complete 2 courses: Upper Division Elective | 5 | |
| Elective OR BIO 484: Internship OR MIC 484: Internship | 3 | |
| Term hours subtotal: | 14 | |

- Continue to apply for full-time career opportunities or graduate school.

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

| | | |
|--|--|---|
| Human Dimensions of Conservation and Ecology | Conservation Biology and Ecology Field Methods | Physical Science Requirement Courses |
| BIO 304: Plants and Civilization (L) or ENV 302: Plants and Civilization (L) | BIO 407: Novel Ecosystems | CHM 231: Elementary Organic Chemistry (SQ) AND CHM 235: Elementary Organic Chemistry Laboratory (SQ) |
| BIO 324: Environmental Ethics (HU) or PHI 310: Environmental Ethics (HU) | BIO 410: Techniques in Conservation Biology and Ecology (L) | GIS 205: Geographic Information Science I (CS) |
| BIO 412: Conservation in Practice | BIO 494: Discovering Biodiversity | GIS 211: Geographic Information Science II (CS) |
| BIO 427: Fire (H) | BIO 498: Sonoran Desert Field Botany | GLG 101: Introduction to Geology I (Physical) (SQ) AND GLG 103: Introduction to Geology I-Laboratory (SQ) |
| BIO 434: People and Nature: Ecosystem Services or SOS 434: People and Nature: Ecosystem Services | | GPH 111: Introduction to Physical Geography (SQ) |
| BIO 495: Undergraduate Research | | PHY 101: Introduction to Physics (SQ) or PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ) |
| Quantitative & Spatial Analysis Courses | Advanced Ecology | Advanced Human Dimensions of Conservation and Ecology |
| BIO 411: Quantitative Methods in Conservation and Ecology | ABS 472: Applied Herpetology | BIO 304: Plants and Civilization (L) or ENV 302: Plants and Civilization (L) |
| BIO 415: Biometry (CS) | BIO 360: Animal Physiology | BIO 324: Environmental Ethics (HU) or PHI 310: Environmental Ethics (HU) |
| GIS 311: Geographic Information Science III (CS) | BIO 361: Animal Physiology Laboratory | BIO 434: People and Nature: Ecosystem Services or SOS 434: People and Nature: Ecosystem Services |
| GIS 470: Advanced Statistics for Geography and Planning (CS) | BIO 421: Landscape Ecology or SOS 421: Landscape Ecology | JUS 444: Environment and Justice (L & C) or FIS 444: Environment and Justice (L & C) |
| GIS 471: Spatial Statistics for Geography and Planning | BIO 422: Ecosystem Ecology | SOS 310: Equity Justice and Sustainability |
| SOS 212: Systems Dynamics and Sustainability | BIO 423: Population and Community Ecology | SOS 321: Policy and Governance in Sustainable Systems |
| | BIO 429: Human Impacts on Ecosystem Functioning or SOS 429: Human Impacts on Ecosystem Functioning | |
| | BIO 461: Comparative Animal Physiology | |

BIO 471: Ornithology

SOS 325: The Economics of Sustainability

BIO 495: Undergraduate Research

Advanced Ecology Biodiversity Field or
Research Course

ABS 376: Wildlife Ecology

ABS 380: Restoration and Wildlife Plants

ABS 470: Life History of Mammals

ABS 476: Big Game Habitat Management

ABS 481: Riparian and Wetland Restoration

ASM 443: Primatology

BIO 303: Plant Diversity and Evolution (L or
SG)

BIO 313: The Flora of Arizona

BIO 325: Oceanography

BIO 331: Animal Behavior

BIO 370: Vertebrate Zoology

BIO 385: Comparative Invertebrate Zoology

BIO 386: General Entomology

BIO 410: Techniques in Conservation Biology
and Ecology (L)

BIO 419: Physiological Plant Ecology

BIO 421: Landscape Ecology

BIO 461: Comparative Animal Physiology

BIO 498: Sonoran Desert Field Botany

GPH 422: Plant Geography or BIO 430: Plant
Geography

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)

Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map




Biological Sciences (Genetics, Cell and Developmental Biology), BS





School/College: [The College of Liberal Arts and Sciences](#)



Location: [Tempe campus](#)



LABSCGBS




| Term 1 0 - 15 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  BIO 281: Conceptual Approaches to Biology for Majors I (SQ) OR BIO 181: General Biology I (SQ) | 4 | C | <ul style="list-style-type: none"> • Mathematics Placement Assessment score determines placement in mathematics and science courses • LIA 101, ASU 101, or other First-Year Seminar required of all first-year students • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Students transferring General Statistics (STP 226 or PSY 230) will fulfill STP 231 requirement • Select your career interest area and play me3@ASU. |
|  LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| CHM 113: General Chemistry I (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| STP 231: Statistics for Life Science (CS) | 3 | C | |
| Term hours subtotal: | 15 | | |



| Term 2 15 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  BIO 282: Conceptual Approaches to Biology for Majors II OR BIO 182: General Biology II (SG) | 4 | C | <ul style="list-style-type: none"> • Join a student organization • Create a resume & Handshake account with the Career & Professional Development Center • Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.) • Attend a Pre-Health 101 Session • Students transferring Calculus (MAT 270 or MAT 210) will fulfill MAT 251 requirement |
| CHM 116: General Chemistry II (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 251: Calculus for Life Sciences (MA) | 3 | C | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 17 | | |

| Term 3 32 - 46 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  BIO 340: General Genetics | 4 | C | <ul style="list-style-type: none"> • Pre-health students should take CHM 233 and CHM 237 instead of CHM 231 and CHM 235 this term. See pre-health website for more information • If CHM 233 and 237 are taken, then CHM 234 and 238 must be taken the following semester • It is not recommended to take more than two lab courses in a term. • Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.) • Attend a Study Abroad 101 Session • Explore minors or certificates |
| CHM 231: Elementary Organic Chemistry (SQ) AND CHM 235: Elementary Organic Chemistry Laboratory (SQ) | 4 | C | |
| Science and Society Elective | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
|  Complete First-Year Composition requirement. | | | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 14 | | |

| Term 4 46 - 61 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  BIO 345: Evolution | 3 | C | <ul style="list-style-type: none"> • Pre-health students should take CHM 234 and CHM 238 instead of an elective this term. See pre-health website for more information. • If CHM 233 and 237 are taken, then CHM 234 and 238 must be taken the following semester • Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.) • Meet with the Career & Professional Development Center to learn how to develop professional skills |
| Literacy and Critical Inquiry (L) | 3 | | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Complete 2 courses: Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 5 61 - 78 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| Complete 2 courses: | | | <ul style="list-style-type: none"> • Pre-health students should take PHY 111 and PHY 113 instead of PHY 101 this term. See pre-health website for more information • BIO 351 is only taught in the Fall semester • Meet with your advisor to discuss ways to maximize your remaining time at ASU (i.e. pre-health; 4+1 Masters Programs; study abroad) • Explore graduate school or full-time career opportunities |
|  BIO 351: Developmental Biology OR BIO 353: Cell Biology OR BCH 361: Advanced Principles of Biochemistry | 6 | C | |
| PHY 101: Introduction to Physics (SQ) | 4 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Upper Division Elective | 4 | | |
| Term hours subtotal: | 17 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  BIO 351: Developmental Biology OR BIO 353: Cell Biology OR BCH 361: Advanced Principles of Biochemistry | 3 | C | <ul style="list-style-type: none"> • Pre-health students should take PHY 112 and PHY 114 instead of an elective this term. See pre-health website for more information • Use Handshake to research employment opportunities or explore graduate school |
| BIO 360: Animal Physiology OR BIO 446: Principles of Human Genetics (L) or ASM 446: Principles of Human Genetics (L) OR MBB 440: Functional Genomics or BIO 440: Functional Genomics OR MIC 420: Immunology: Molecular and Cellular Foundations or BIO 420: Immunology: Molecular and Cellular Foundations | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Complete 2 courses: Elective | 6 | | |
| Term hours subtotal: | 15 | | |
|  Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |

| Term 7 93 - 107 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  Upper Division Major Laboratory/Research Course | 2-4 | C | <ul style="list-style-type: none"> • Meet with your advisor to verify remaining degree requirements have been met prior to Term 8 |
| Upper Division Major Elective | 3 | C | |
| Upper Division Science and Society Elective | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |

Elective OR BIO 484: Internship OR MIC 484: Internship 3

Term hours subtotal: 14-16

| Term 8 107 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ Major Laboratory/Research Course | 1 | C | • Continue to apply for full-time career opportunities or graduate school |
| BIO 360: Animal Physiology OR BIO 446: Principles of Human Genetics (L) or ASM 446: Principles of Human Genetics (L) OR MBB 440: Functional Genomics or BIO 440: Functional Genomics OR MIC 420: Immunology: Molecular and Cellular Foundations or BIO 420: Immunology: Molecular and Cellular Foundations | 3 | C | |
| Upper Division Major Elective | 2-4 | C | |
| Upper Division Elective | 3 | | |
| Elective | 4 | | |
| Term hours subtotal: | 13-15 | | |

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

| Major Laboratory/Research Courses | Major Electives |
|---|---|
| BCH 367: Elementary Biochemistry Laboratory | BCH 367: Elementary Biochemistry Laboratory |
| BIO 308: Plant Physiology | BIO 302: Cancer--Mother of All Diseases (L) |
| BIO 342: General Genetics Laboratory | BIO 308: Plant Physiology |
| BIO 352: Laboratory in Vertebrate Developmental Anatomy | BIO 312: Bioethics (HU) or PHI 320: Bioethics (HU) |
| BIO 451: Cell Biotechnology: Cell Culture Immunocytochemistry and Bioimaging | BIO 320: Fundamentals of Ecology |
| BIO 453: Animal Histology | BIO 342: General Genetics Laboratory |
| BIO 495: Undergraduate Research or MBB 495: Undergraduate Research or MIC 495: Undergraduate Research | BIO 352: Laboratory in Vertebrate Developmental Anatomy |
| MBB 343: Genetic Engineering and Society (L) or BIO 343: Genetic Engineering and Society (L) | BIO 355: Introduction to Computational Molecular Biology (CS) or MBB 355: Introduction to Computational Molecular Biology (CS) or MAT 355: Introduction to Computational Molecular Biology (CS) |
| MBB 350: Applied Genetics | BIO 360: Animal Physiology |
| MIC 206: Microbiology Laboratory (SG) AND MIC 220: Biology of Microorganisms | BIO 415: Biometry (CS) |
| MIC 302: Advanced Bacteriology Laboratory (L) | BIO 416: Biomedical Research Ethics (L) or HPS 410: Biomedical Research Ethics (L) |
| MIC 421: Experimental Immunology | BIO 431: Genes Development and Evolution (L) |

BIO 440: Functional Genomics or MBB 440:
Functional Genomics

BIO 446: Principles of Human Genetics (L) or
ASM 446: Principles of Human Genetics (L)

BIO 451: Cell Biotechnology: Cell Culture
Immunocytochemistry and Bioimaging

BIO 453: Animal Histology

BIO 462: Endocrine Physiology

BIO 467: Neurobiology

BMI 465: Introduction to Comparative
Genomics

HPS 322: History of Science (HU & H)

HPS 323: History of Science (HU & H) or
BIO 317: History of Science (HU & H)

HPS 330: History of Biology: Conflicts and
Controversies (H) or BIO 316: History of
Biology: Conflicts and Controversies (H)

HPS 331: History of Medicine (HU & H) or
BIO 318: History of Medicine (HU & H)

MBB 343: Genetic Engineering and Society
(L) or BIO 343: Genetic Engineering and
Society (L)

MBB 350: Applied Genetics

MIC 302: Advanced Bacteriology Laboratory
(L)

MIC 420: Immunology: Molecular and
Cellular Foundations or BIO 420:
Immunology: Molecular and Cellular
Foundations

MIC 421: Experimental Immunology

MIC 485: General Virology

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map




Biological Sciences (Neurobiology, Physiology and Behavior), **BS**





School/College: The College of Liberal Arts and Sciences



Location: Tempe campus



LABSCABS





| Term 1 0 - 15 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  BIO 281: Conceptual Approaches to Biology for Majors I (SQ) OR BIO 181: General Biology I (SQ) | 4 | C | <ul style="list-style-type: none"> • Mathematics Placement Assessment score determines placement in mathematics and science courses • LIA 101, ASU 101, or other First-Year Seminar required of all first-year students. • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Students transferring General Statistics (STP 226 or PSY 230) will fulfill STP 231 requirement • Select your career interest area and play me3@ASU |
|  LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| CHM 113: General Chemistry I (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| STP 231: Statistics for Life Science (CS) | 3 | C | |
| Term hours subtotal: | 15 | | |



| Term 2 15 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  BIO 282: Conceptual Approaches to Biology for Majors II OR BIO 182: General Biology II (SG) | 4 | C | <ul style="list-style-type: none"> • Join a student organization • Create a resume & Handshake account with the Career & Professional Development Center • Attend a Pre-Health 101 Session • Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.) • Students transferring Calculus (MAT 270 or MAT 210) will fulfill MAT 251 requirement |
| CHM 116: General Chemistry II (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 251: Calculus for Life Sciences (MA) | 3 | C | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 17 | | |

| Term 3 32 - 46 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  BIO 340: General Genetics | 4 | C | <ul style="list-style-type: none"> • Pre-health students should take CHM 233 and CHM 237 instead of CHM 231 and 235 this term. See pre-health website for more information • If CHM 233 and 237 are taken, then CHM 234 and 238 must be taken the following semester • It is not recommended to take more than two lab courses in a term. • Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.) • Attend a Study Abroad 101 Session • Explore minors or certificates |
| CHM 231: Elementary Organic Chemistry (SQ) AND CHM 235: Elementary Organic Chemistry Laboratory (SQ) | 4 | C | |
| Science and Society Elective | 3 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
|  Complete First-Year Composition requirement. | | | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 14 | | |

| Term 4 46 - 62 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  BIO 345: Evolution | 3 | C | <ul style="list-style-type: none"> • Pre-health students should take CHM 234 and CHM 238 instead of an elective this term. See pre-health website for more information • If CHM 233 and 237 are taken, then CHM 234 and 238 must be taken the following semester • Meet with the Career & Professional Development Center to learn how to develop professional skills • Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.) |
| Literacy and Critical Inquiry (L) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Complete 2 courses: | | | |
| Elective | 7 | | |
| Term hours subtotal: | 16 | | |

| Term 5 62 - 78 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  BIO 331: Animal Behavior OR BIO 360: Animal Physiology | 3 | C | <ul style="list-style-type: none"> • Pre-health students should take PHY 111 and PHY 113 instead of PHY 101 this term. See pre-health website for more information • Meet with your advisor to discuss ways to maximize your remaining time at ASU (i.e. pre-health; 4+1 Masters Programs; study abroad) • Explore graduate school or full-time career opportunities |
| PHY 101: Introduction to Physics (SQ) | 4 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Complete 2 courses: | | | |
| Elective | 6 | | |
| Term hours subtotal: | 16 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  BIO 331: Animal Behavior OR BIO 360: Animal Physiology | 3 | C | <ul style="list-style-type: none"> • Pre-health students should take PHY 112 and PHY 114 this term instead of an elective. See pre-health website for more information. |
| BIO 436: Sociobiology and Behavioral Ecology OR BIO 461: Comparative Animal Physiology OR BIO 462: Endocrine Physiology | | | |
|  OR BIO 467: Neurobiology OR MIC 420: Immunology: Molecular and Cellular Foundations or BIO 420: Immunology: Molecular and Cellular Foundations | 3 | C | |
| Upper Division Science and Society Elective | 3 | C | |
| Complete 2 courses: | | | |
| Elective | 6 | | |
|  Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 107 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| BIO 436: Sociobiology and Behavioral Ecology OR BIO 461: Comparative Animal Physiology OR BIO 462: Endocrine Physiology | | | <ul style="list-style-type: none"> • Explore or apply for full-time career opportunities or graduate school • Meet with your advisor to verify remaining degree requirements have been met prior to Term 8 |
|  OR BIO 467: Neurobiology OR MIC 420: Immunology: Molecular and Cellular Foundations or BIO 420: Immunology: Molecular and Cellular Foundations | 3 | C | |
| BCH 361: Advanced Principles of Biochemistry | 3 | C | |
| Upper Division Major Comparative Structure and Function Course | 3-4 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective | 2 | | |

Term hours subtotal: 14-15

| Term 8 107 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ Complete 2 courses: Upper Division Major Electives | 6-8 | C | • Continue to apply for full-time career opportunities or graduate school |
| ★ Major Laboratory/Research Course | 1-4 | C | |
| Upper Division Social-Behavioral Sciences (SB) OR Upper Division Humanities, Arts and Design (HU) | 3 | | |
| Upper Division Elective OR BIO 484: Internship OR MIC 484: Internship | 3 | | |
| Term hours subtotal: | 13-18 | | |

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

| Major Comparative Structure and Function Courses | Major Laboratory/Research Courses | Upper Division Major Electives |
|--|---|--|
| BIO 351: Developmental Biology | BCH 367: Elementary Biochemistry Laboratory | BIO 302: Cancer--Mother of All Diseases (L) |
| BIO 370: Vertebrate Zoology | BIO 308: Plant Physiology | BIO 312: Bioethics (HU) or PHI 320: Bioethics (HU) |
| BIO 385: Comparative Invertebrate Zoology | BIO 342: General Genetics Laboratory | BIO 320: Fundamentals of Ecology |
| BIO 453: Animal Histology | BIO 343: Genetic Engineering and Society (L) or MBB 343: Genetic Engineering and Society (L) | BIO 353: Cell Biology |
| PSY 426: Neuroanatomy | BIO 352: Laboratory in Vertebrate Developmental Anatomy | BIO 386: General Entomology |
| | BIO 361: Animal Physiology Laboratory | BIO 415: Biometry (CS) |
| | BIO 435: Research Techniques in Animal Behavior | BIO 431: Genes Development and Evolution (L) |
| | BIO 451: Cell Biotechnology: Cell Culture Immunocytochemistry and Bioimaging | BIO 440: Functional Genomics or MBB 440: Functional Genomics |
| | BIO 484: Internship or MIC 484: Internship | BIO 465: Neurophysiology |
| | BIO 495: Undergraduate Research or MBB 495: Undergraduate Research or MIC 495: Undergraduate Research | BIO 471: Ornithology |
| | MIC 421: Experimental Immunology | BIO 472: Mammalogy |
| | | BIO 474: Herpetology |
| | | BMI 465: Introduction to Comparative Genomics |
| | | PSY 470: Psychopharmacology |

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map






Biophysics, BS





School/College: The College of Liberal Arts and Sciences




Location: Tempe campus

LABIPHBS

| Term 1 0 - 15 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  MAT 270: Calculus with Analytic Geometry I (MA) | 4 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Select your career interest area and play me3@ASU |
| BIO 181: General Biology I (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
|  Maintain 2.50 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | | 15 | |

| Term 2 15 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  MAT 271: Calculus with Analytic Geometry II (MA) | 4 | C | <ul style="list-style-type: none"> • PHY 121/122 and 131/132 (or other equivalents) may be used in place of PHY 150 and 151, respectively • Join a physics student organization |
|  PHY 150: Physics I (SQ) | 4 | C | |
| BIO 182: General Biology II (SG) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Maintain 2.50 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | | 15 | |

| Term 3 30 - 45 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  MAT 272: Calculus with Analytic Geometry III (MA) | 4 | C | <ul style="list-style-type: none"> • PHY 121/122 and 131/132 (or other equivalents) may be used in place of PHY 150 and 151, respectively • CHM 113 may be used in place of CHM 117 and CHM 111 |
|  PHY 151: Physics II (SQ) | 4 | C | |
| CHM 117: General Chemistry for Majors I (SQ) AND CHM 111: General Chemistry Laboratory for Majors I (SQ) | 4 | C | |
| Science and Society Elective | 3 | C | |
|  Maintain 2.50 GPA in Critical Tracking Courses. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | | 15 | |

| Term 4 45 - 62 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  PHY 201: Mathematical Methods in Physics I (CS) | 3 | C | <ul style="list-style-type: none"> • CHM 116 may be used in place of CHM 118 and CHM 112. CHM 116 must be taken if students have received credit for CHM 113. |
|  PHY 252: Physics III (SQ) | 4 | C | |

| | | |
|--|----|---|
| CHM 118: General Chemistry for Majors II (SQ) AND CHM 112: General Chemistry Laboratory for Majors II (SQ) | 4 | C |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | |
| Maintain 2.50 GPA in Critical Tracking Courses. | | |
| Term hours subtotal: | 17 | |

- MAT 275 AND MAT 342 or MAT 343 may be taken in place of PHY 201. The combination MAT 275 + MAT 342 or MAT 343 is sufficient, but PHY 201 is recommended.
- Explore **research fields within physics**.

| Term 5 62 - 77 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| CHM 345: Physical Chemistry I | 3 | C | <ul style="list-style-type: none"> • Gain research experience |
| BIO 360: Animal Physiology OR BIO 353: Cell Biology | 3 | C | |
| Upper Division Science and Society Elective | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 77 - 92 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| CHM 346: Physical Chemistry II | 3 | C | <ul style="list-style-type: none"> • Use Handshake to research employment opportunities • Start preparing for graduate school exams (GRE, physics subject test GRE, MCAT) |
| PHY 312: Mechanics and Electromagnetism | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 92 - 107 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| PHY 371: Driving Forces in Biology | 3 | C | <ul style="list-style-type: none"> • Develop your professional online presence |
| PHY 472: Advanced Biophysics Lab | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective OR PHY 484: Internship | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 107 - 120 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| PHY 473: From Molecules to Cells | 3 | C | |
| Complete 3 courses: | | | |
| Upper Division Elective | 9 | | |
| Elective | 1 | | |
| Term hours subtotal: | 13 | | |

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must

be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

[Hide Course List\(s\)/Track Group\(s\)](#)

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map




Chemistry, BA






School/College: The College of Liberal Arts and Sciences

Location: Tempe campus



LACHMBA



| Term 1 0 - 15 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  CHM 117: General Chemistry for Majors I (SQ) AND CHM 111: General Chemistry Laboratory for Majors I (SQ) OR CHM 113: General Chemistry I (SQ) | 4 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Students placing into lower level math can still graduate in 4 years -- see an academic advisor for planning. • Select your Career Interest Areas and play me3@ASU. |
|  MAT 270: Calculus with Analytic Geometry I (MA) OR MAT 265: Calculus for Engineers I (MA) | 4-3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Term hours subtotal: | 15-14 | | |

| Term 2 15 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  CHM 118: General Chemistry for Majors II (SQ) AND CHM 112: General Chemistry Laboratory for Majors II (SQ) OR CHM 116: General Chemistry II (SQ) | 4 | C | <ul style="list-style-type: none"> • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. • Connect with a Career Advisor by registering for a Handshake account. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 271: Calculus with Analytic Geometry II (MA) OR MAT 266: Calculus for Engineers II (MA) | 4-3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15-14 | | |

| Term 3 30 - 45 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  CHM 233: General Organic Chemistry I | 3 | C | <ul style="list-style-type: none"> • Discuss study abroad opportunities with a School of Molecular Sciences advisor or an International Coordinator. |
|  CHM 237: General Organic Chemistry Laboratory I | 1 | C | |
|  PHY 111: General Physics (SQ) | 3 | C | |
| PHY 113: General Physics Laboratory (SQ) | 1 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
|  Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |

Term hours subtotal: 15

| Term 4 45 - 60 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  PHY 112: General Physics (SQ) | 3 | C | <ul style="list-style-type: none"> Build your professional connections -- join the ASU Mentor Network |
| CHM 234: General Organic Chemistry II | 3 | C | |
| CHM 238: General Organic Chemistry Laboratory II | 1 | C | |
| PHY 114: General Physics Laboratory (SQ) | 1 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 5 60 - 74 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  CHM 325: Analytical Chemistry OR BCH 361: Advanced Principles of Biochemistry | 3 | | <ul style="list-style-type: none"> CHM 325 and CHM 326 are only offered in the Fall semester. Create a first draft resume. This is an ideal semester to study abroad. CHM 325 and CHM 326 may be taken in Term 7. |
| CHM 326: Advanced Analytical Chemistry Laboratory OR BCH 367: Elementary Biochemistry Laboratory | 1 | | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 14 | | |

| Term 6 74 - 90 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  CHM 341: Elementary Physical Chemistry | 3 | C | <ul style="list-style-type: none"> Explore internship opportunities. |
| CHM 343: Elementary Physical Chemistry Laboratory | 1 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Complete 3 courses: Upper Division Elective | 9 | | |
|  Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  CHM 453: Inorganic Chemistry | 3 | C | <ul style="list-style-type: none"> CHM 453 is only offered in the Fall semester. Apply for full-time career opportunities. |
| Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective OR CHM 484: Internship | 3 | | |
| Complete 2 courses: Upper Division Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  CHM OR BCH Upper Division Elective | 3 | C | <ul style="list-style-type: none"> Upper Division CHM or BCH Elective must be completed at the Tempe campus and |

| | |
|---|----|
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 |
| Upper Division Literacy and Critical Inquiry (L) | 3 |
| Upper Division Elective | 4 |
| Elective | 2 |
| Term hours subtotal: | 15 |

cannot be met with BCH 341, BCH 371, BCH 372, or CHM 480.

- Students who choose the BCH 361/367 sequence should take CHM 325 as their major elective to ensure competitiveness in science industry careers.

Hide Course List(s)/Track Group(s)

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.

2020 - 2021 Major Map

Chemistry, BA

School/College: The College of Liberal Arts and Sciences

Location: Tempe campus

LACHMBA

and




Secondary

Education,

BAE

Mary Lou Fulton Teachers College

TESEDBAE

| Term 1 0 - 15 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| <p>CHM 117: General Chemistry for Majors I (SQ) AND CHM 111: General Chemistry Laboratory for Majors I (SQ) OR CHM 113: General Chemistry I (SQ)</p> | 4 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Select your Career Interest Communities and play me3@ASU. |
| <p>MAT 270: Calculus with Analytic Geometry I (MA) OR MAT 265: Calculus for Engineers I (MA)</p> | 4-3 | C | |
| <p>ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition</p> | 3 | C | |
| <p>LIA 101: Student Success in The College of Liberal Arts and Sciences OR TEL 101: Professional Educator Series: The Student Experience</p> | 1 | | |
| <p>Humanities, Arts and Design (HU) AND Global Awareness (G)</p> | 3 | | |
| Term hours subtotal: | | 15-14 | |
| Term 2 15 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
| <p>CHM 118: General Chemistry for Majors II (SQ) AND CHM 112: General Chemistry Laboratory for Majors II (SQ) OR CHM 116: General Chemistry II (SQ)</p> | 4 | C | <ul style="list-style-type: none"> • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. • Connect with a Career Advisor by registering for a Handshake account. |
| <p>ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition</p> | 3 | C | |
| <p>MAT 271: Calculus with Analytic Geometry II (MA) OR MAT 266: Calculus for Engineers II (MA)</p> | 4-3 | C | |
| <p>Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.</p> | 4 | C | |
| <p>Complete ENG 101 OR ENG 105 OR ENG 107 course(s).</p> | | | |
| Term hours subtotal: | | 15-14 | |
| Term 3 30 - 45 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
| <p>CHM 233: General Organic Chemistry I</p> | 3 | C | <ul style="list-style-type: none"> • Discuss study abroad opportunities with a School of Molecular Sciences advisor or an International Coordinator. |
| <p>CHM 237: General Organic Chemistry Laboratory I</p> | 1 | C | |
| <p>PHY 111: General Physics (SQ)</p> | 3 | C | |

| | | |
|---|----|---|
| PHY 113: General Physics Laboratory (SQ) | 1 | C |
| Second Language: Requirement satisfied through the following: | | |
| * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C |
| Computer/Statistics/Quantitative Applications (CS) | 3 | |
| ❗ Complete First-Year Composition requirement. | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 15 | |

| Term 4 45 - 60 Credit Hours Critical course signified by ❗ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ❗ PHY 112: General Physics (SQ) | 3 | C | <ul style="list-style-type: none"> Teachers College Requirement: Apply for an Identity Verified Print (IVP) DPS fingerprint clearance card. Build your professional connections -- join the ASU Mentor Network. |
| PHY 114: General Physics Laboratory (SQ) | 1 | C | |
| CHM 234: General Organic Chemistry II | 3 | C | |
| CHM 238: General Organic Chemistry Laboratory II | 1 | C | |
| Second Language: Requirement satisfied through the following: | | | |
| * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) (GCU 113 recommended) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 5 60 - 77 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ CHM 325: Analytical Chemistry | 3 | C | <ul style="list-style-type: none"> Meet with Teachers College advisor to complete paperwork needed to start education program. Call 480.965.5555 to schedule appointment by recommended deadline of September 15. CHM 325 and CHM 326 are only offered in the Fall semester. Create a first draft resume. |
| CHM 326: Advanced Analytical Chemistry Laboratory | 1 | C | |
| EDP 313: Childhood and Adolescence (SB) | 3 | C | |
| SPE 222: Orientation to Education of Exceptional Children (SB & C) | 3 | C | |
| Second Language: Requirement satisfied through the following: | | | |
| * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| ★ Milestone: Complete online Intent to Progress form (meet with advisor). | | | |
| ★ Milestone: Submit Identity Verified Print (IVP) DPS fingerprint clearance card. | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 17 | | |

| Term 6 77 - 92 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ BLE 407: SEI for Secondary Students (L) | 3 | C | <ul style="list-style-type: none"> During your clinical experience internship, you will work alongside an intern mentor teacher in a 6-12th grade classroom. You will be required to complete 75 hours over 12 weeks. Reliable transportation is important. Use Handshake to research employment opportunities. |
| ★ SED 397: Clinical Experience II | 1 | C | |
| ★ SPE 417: Inclusion Practices at the Secondary Level | 3 | C | |
| ★ TEL 311: Instruction and Management in the Inclusive Classroom | 3 | C | |
| ★ CHM 341: Elementary Physical Chemistry | 3 | C | |
| CHM 343: Elementary Physical Chemistry Laboratory | 1 | C | |
| Elective | 1 | | |

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Minimum 2.50 GPA ASU Cumulative.

Term hours subtotal: 15

| Term 7 92 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ CHM 453: Inorganic Chemistry | 3 | C | <ul style="list-style-type: none"> • During your clinical experience internship, you will work alongside an intern mentor teacher in a 6-12th grade classroom. You will be required to complete 75 hours over 12 weeks. Reliable transportation is important. • Apply for full-time career opportunities. • Students seeking teacher certification must pass state educator exams. Please speak with your education advisor to plan appropriately. • CHM 453 is only offered in the Fall semester. • Upper Division CHM or BCH Elective must be completed at Tempe campus and cannot be met with BCH 341, BCH 371, BCH 372, or CHM 480. |
| ★ RDG 323: Literacy Processes in Content Areas | 3 | C | |
| ★ SED 322: Classroom Leadership in Secondary Schools (L) | 3 | C | |
| ★ CHM 480: Methods of Teaching Chemistry OR PHY 480: Methods of Teaching Physics OR SED 482: Science Teaching Methods for Secondary Schools | 3 | C | |
| ★ SED 496: Clinical Experience III | 1 | C | |
| CHM OR BCH Upper Division Elective | 3 | C | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ SED 478: Student Teaching: Secondary Education (Grades 6-12) OR Upper Division Non-Teacher Certification Track | 12 | C | <ul style="list-style-type: none"> • If you choose not to participate in student teaching, select 12 hours from the non-certification track group below. Without student teaching, you will not be qualified for Arizona Department of Education Secondary Education Certification, but you will still earn a degree in Secondary Education. You may be eligible for an Arizona Subject Matter Expert credential. Please consult with your education advisor and the Arizona Department of Education for clarification. We highly encourage all students to complete student teaching. |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 12 | | |

Hide Course List(s)/Track Group(s)

- Non-Teacher Certification Track
- ECS Upper Division Elective
- EDP Upper Division Elective
- EDT Upper Division Elective
- SCN Upper Division Elective
- SED Upper Division Elective
- SPE Upper Division Elective
- SPF Upper Division Elective

TEL Upper Division Elective

USL Upper Division Elective

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map






Chemistry, BS






School/College: The College of Liberal Arts and Sciences



Location: Tempe campus


LACHMBS




| Term 1 0 - 15 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  CHM 117: General Chemistry for Majors I (SQ) AND CHM 111: General Chemistry Laboratory for Majors I (SQ) OR CHM 113: General Chemistry I (SQ) | 4 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Select your Career Interest Areas and play me3@ASU. |
|  MAT 270: Calculus with Analytic Geometry I (MA) OR MAT 265: Calculus for Engineers I (MA) | 4-3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Term hours subtotal: | 15-14 | | |

| Term 2 15 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  CHM 118: General Chemistry for Majors II (SQ) AND CHM 112: General Chemistry Laboratory for Majors II (SQ) OR CHM 116: General Chemistry II (SQ) | 4 | C | <ul style="list-style-type: none"> • Connect with a Career Advisor by registering for a Handshake account. |
|  MAT 271: Calculus with Analytic Geometry II (MA) OR MAT 266: Calculus for Engineers II (MA) | 4-3 | C | |
|  PHY 121: University Physics I: Mechanics (SQ) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| PHY 122: University Physics Laboratory I (SQ) | 1 | C | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15-14 | | |



| Term 3 30 - 45 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  CHM 233: General Organic Chemistry I | 3 | C | <ul style="list-style-type: none"> • Build your professional connections -- join the ASU Mentor Network. |
|  CHM 237: General Organic Chemistry Laboratory I | 1 | C | |
|  PHY 131: University Physics II: Electricity and Magnetism (SQ) | 3 | C | |
| PHY 132: University Physics Laboratory II (SQ) | 1 | C | |
| MAT 272: Calculus with Analytic Geometry III (MA) OR MAT 267: Calculus for Engineers III (MA) | 4-3 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
|  Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 15-14 | | |

| Term 4 45 - 60 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  CHM 240: Mathematical Methods in Chemistry (CS) | 3 | C | <ul style="list-style-type: none"> • CHM 240 is only offered in the Spring semester. • Transfer students may need to take MAT 274 or MAT 275 (Differential Equations) and MAT 242 (Linear Algebra) in place of the 5 units of "electives" in Term 4. These courses will allow the student to meet Term 4 critical tracking and the enrollment requirements for CHM 345 in Term 5. Discuss substitutions with major advisor. |
| CHM 234: General Organic Chemistry II | 3 | C | |
| CHM 238: General Organic Chemistry Laboratory II | 1 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Complete 2 courses: | 5 | | |
| Elective | | | |
| Term hours subtotal: | 15 | | |

| Term 5 60 - 74 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  CHM 345: Physical Chemistry I | 3 | C | <ul style="list-style-type: none"> • CHM 325, CHM 326, CHM 345, and CHM 348 are only offered in the Fall semester. • Create a first draft resume. |
| CHM 325: Analytical Chemistry | 3 | C | |
| CHM 326: Advanced Analytical Chemistry Laboratory | 1 | C | |
| CHM 348: Physical Chemistry Laboratory I (L) | 1 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 14 | | |

| Term 6 74 - 89 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  CHM 346: Physical Chemistry II | 3 | C | <ul style="list-style-type: none"> • CHM 327, CHM 328, CHM 346, and CHM 349 are only offered in the Spring semester. • Explore internship opportunities. |
| CHM 327: Instrumental Analysis | 3 | C | |
| CHM 328: Instrumental Analysis Laboratory | 2 | C | |
| CHM 349: Physical Chemistry Laboratory II (L) | 1 | C | |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | | |
| Upper Division Elective | 3 | | |
|  Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 89 - 104 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  CHM 453: Inorganic Chemistry | 3 | C | <ul style="list-style-type: none"> • CHM 453 is only offered in the Fall semester. • Upper Division CHM or BCH Elective must be completed at the Tempe campus and cannot be met with BCH 341, BCH 361, BCH 367, BCH 371, BCH 372, CHM 341, or CHM 480. • Apply for full-time career opportunities. |
| Science and Society Elective | 3 | C | |
| CHM OR BCH Upper Division Elective | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Elective OR CHM 484: Internship | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 104 - 120 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  CHM 452: Inorganic Chemistry Laboratory (L) | 1 | C | <ul style="list-style-type: none"> • CHM 452 and CHM 460 are only offered in the Spring semester. |
| CHM 460: Biological Chemistry | 3 | C | |
| Upper Division Science and Society Elective | 3 | C | |
| Complete 2 courses: | | | |

| | |
|-------------------------|----|
| Upper Division Elective | 6 |
| Elective | 3 |
| Term hours subtotal: | 16 |

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map






Chemistry (Environmental Chemistry), BS






School/College: The College of Liberal Arts and Sciences



Location: Tempe campus


LACHMEBS

| Term 1 0 - 15 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  CHM 117: General Chemistry for Majors I (SQ) AND CHM 111: General Chemistry Laboratory for Majors I (SQ) OR CHM 113: General Chemistry I (SQ) | 4 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Select your Career Interest Areas and play me3@ASU. |
|  MAT 270: Calculus with Analytic Geometry I (MA) OR MAT 265: Calculus for Engineers I (MA) | 4-3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Term hours subtotal: | 15-14 | | |

| Term 2 15 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  CHM 118: General Chemistry for Majors II (SQ) AND CHM 112: General Chemistry Laboratory for Majors II (SQ) OR CHM 116: General Chemistry II (SQ) | 4 | C | <ul style="list-style-type: none"> • Connect with a Career Advisor by registering for a Handshake account. |
|  MAT 271: Calculus with Analytic Geometry II (MA) OR MAT 266: Calculus for Engineers II (MA) | 4-3 | C | |
|  PHY 121: University Physics I: Mechanics (SQ) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| PHY 122: University Physics Laboratory I (SQ) | 1 | C | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15-14 | | |

| Term 3 30 - 45 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  CHM 233: General Organic Chemistry I | 3 | C | <ul style="list-style-type: none"> • Build your professional connections -- join the ASU Mentor Network |
|  CHM 237: General Organic Chemistry Laboratory I | 1 | C | |
|  PHY 131: University Physics II: Electricity and Magnetism (SQ) | 3 | C | |
| PHY 132: University Physics Laboratory II (SQ) | 1 | C | |
| MAT 272: Calculus with Analytic Geometry III (MA) OR MAT 267: Calculus for Engineers III (MA) | 4-3 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
|  Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 15-14 | | |

| Term 4 45 - 60 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  CHM 240: Mathematical Methods in Chemistry (CS) | 3 | C | <ul style="list-style-type: none"> • CHM 240 is only offered in the Spring semester. • Transfer students may need to take MAT 274 or MAT 275 (Differential Equations) and MAT 242 (Linear Algebra) in place of the 5 units of "electives". These two courses will allow the student to meet Term 4 critical tracking and the enrollment requirements for CHM 345 in Term 5. Discuss substitutions with major advisor. |
| CHM 234: General Organic Chemistry II | 3 | C | |
| CHM 238: General Organic Chemistry Laboratory II | 1 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Complete 2 courses: | 5 | | |
| Elective | | | |
| Term hours subtotal: | 15 | | |

| Term 5 60 - 76 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  CHM 302: Environmental Chemistry | 3 | C | <ul style="list-style-type: none"> • CHM 302, CHM 345, and CHM 348 are only offered in the Fall semester. • Create a first draft resume. |
| CHM 345: Physical Chemistry I | 3 | C | |
| CHM 348: Physical Chemistry Laboratory I (L) | 1 | C | |
| Science and Society Elective | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 6 76 - 90 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  GLG 321: Mineralogy | 3 | C | <ul style="list-style-type: none"> • CHM 303 and GLG 321 are only offered in the Spring semester. • Explore internship opportunities. |
| CHM 303: Environmental Chemistry Laboratory (L) | 2 | C | |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | | |
| Complete 2 courses: | 6 | | |
| Upper Division Elective | | | |
|  Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 14 | | |

| Term 7 90 - 106 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  CHM 325: Analytical Chemistry | 3 | C | <ul style="list-style-type: none"> • CHM 325 and CHM 326 are only offered in the Fall semester. • Apply for full-time career opportunities. |
| CHM 326: Advanced Analytical Chemistry Laboratory | 1 | C | |
| Upper Division Science and Society Elective | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Elective OR CHM 484: Internship | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 8 106 - 120 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  CHM 481: Geochemistry | 3 | C | <ul style="list-style-type: none"> • CHM 481 is only offered in the Spring semester. |
| BCH 361: Advanced Principles of Biochemistry | 3 | C | |
| BCH 367: Elementary Biochemistry Laboratory | 1 | C | |
| Complete 2 courses: | 7 | | |
| Upper Division Elective | | | |
| Term hours subtotal: | 14 | | |

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map



Civic and Economic Thought and Leadership, BA




School/College: [The College of Liberal Arts and Sciences](#)

Location: [Tempe campus](#)



LACELBA



| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  CEL 100: Great Ideas of Politics and Ethics (HU) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition course. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. • Select your career interest area and play me3@ASU. • Create a first draft resume. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Term hours subtotal: | 14 | | |




| Term 2 14 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  CEL 200: Great Debates in American Politics and Economics (HU) | 3 | C | <ul style="list-style-type: none"> • Build your professional connections -- join the ASU Mentor Network. • Join a student club or professional organization. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 16 | | |



| Term 3 30 - 44 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| CEL Elective | 3 | C | |
| Historical Awareness (H) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
|  Complete First-Year Composition requirement. | | | |
|  Complete Mathematics (MA) requirement. | | | |

Term hours subtotal: 14

| Term 4 44 - 60 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  Related Area Course | 3 | C | <ul style="list-style-type: none"> • See your academic advisor to explore internship opportunities. • Secure a part-time job or volunteer experience. |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 5 60 - 76 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  CEL 300: Capitalism and Great Economic Debates | 3 | C | <ul style="list-style-type: none"> • CEL 499 and additional CEL 484 internship hours may be used to satisfy the CEL elective requirement. • Explore graduate programs with faculty and your advisor. |
| American Political and Economic Thought Course | 3 | C | |
| CEL Upper Division Elective | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 16 | | |

| Term 6 76 - 91 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  Upper Division Moral and Political Thought Course | 3 | C | <ul style="list-style-type: none"> • Develop your professional online presence. • Use Handshake to research employment opportunities. |
| CEL 484: Internship | 3 | C | |
| Upper Division Related Area Course | 3 | C | |
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
|  Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 91 - 106 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  Upper Division Leadership and Statesmanship for the 21st Century Course | 3 | C | <ul style="list-style-type: none"> • Gather online references. • Update and polish your resume. • Apply to graduate programs. |
| CEL 475: Statesmanship and American Grand Strategy | 3 | C | |
| CEL Upper Division Elective | 3 | C | |
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 106 - 120 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  CEL 485: Capstone Seminar in Civic and Economic Thought and Leadership | 3 | C | <ul style="list-style-type: none"> • Complete an in person or virtual practice interview. • Apply for full-time career opportunities. |
|  Upper Division Economic Thought and Political Economy Course | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Elective | 3 | | |

Term hours subtotal: 14

Hide Course List(s)/Track Group(s)

| Related Area Courses | Moral and Political Thought | Leadership and Statesmanship for the 21st Century |
|---|---|--|
| AFR 212: Introduction to Ethnic Studies in the U.S. (C) | CEL 305: Classical Political Philosophy and Statesmanship: The Greeks | CEL 375: Politics and Leadership in the Age of Revolutions 1776-1826 |
| AFR 302: History of Black Women in America (SB & H) | CEL 320: Modern Political Thought: Origins and Debates about Modern Liberty | CEL 394: Ideological Origins Anglo-Am Librty: 4 Mod Revolutns |
| AFR 364: African American History Since 1865 ((HU or SB) & C & H) | CEL 394: Democracies in Crisis | CEL 394: Left and Right Around the World |
| AIS 285: Federal Indian Policy (H & C) | CEL 394: Justice and Virtue | CEL 394: U.S. Natl Security Challenges in the 21st Century |
| AIS 455: Human Rights and Cultural Resource Laws | CEL 494: Political Thought: Islam Hinduism Confucianism | CEL 494: National Security Policy Design |
| AIS 470: Tribal Governance | CEL 494: Politics & Literature/Shakespeare Prince | CEL 494: Political Leadership and Statesmanship |
| APA 210: Introduction to Ethnic Studies in the U.S. (C) | | |
| ECN 211: Macroeconomic Principles (SB) or ECN 213: Honors Macroeconomics (SB) | | |
| ECN 212: Microeconomic Principles (SB) or ECN 214: Honors Microeconomics (SB) | | |
| HST 109: United States to 1865 ((HU or SB) & H) | | |
| HST 110: United States Since 1865 (SB & H) | | |
| JUS 105: Introduction to Justice Studies (SB) | | |
| JUS 321: Wealth Distribution and Poverty (SB & C) | | |
| JUS 352: The Global Politics of Human Rights (SB & G) | | |
| JUS 360: Law and Social Control (SB) | | |
| JUS 405: Inequality Economy and Justice ((L or SB) & G) | | |
| PHI 105: Intro to Ethics (HU) | | |
| PHI 347: Philosophical Theories of Constitutional Law | | |
| POS 110: American Government and Politics (SB) | | |
| POS 150: Comparative Government (SB & G) | | |
| POS 160: Global Politics (SB & G) | | |
| POS 210: Political Ideologies (SB) | | |

POS 216: State and Local Government (SB)

POS 465: International Organization and Law (SB & G)

SLC 142: Ancient Greek Civilization (HU & H)

SLC 373: Roman History I: Foundations and Republic

WST 276: U.S. Women's Movements (H & C)

WST 302: History of Black Women in America (SB & H)

WST 377: History of American Feminist Thought (H & C)

American Political and Economic Thought

Economic Thought and Political Economy

CEL 235: Federalists Anti-Federalists and the Enduring Debate over American Constitutionalism (HU)

CEL 345: Classics of Modern Economic Thought: Smith to Hayek and Beyond

CEL 294: Race and the American Story

CEL 394: The American Political Economy

CEL 294: Social Justice Movements in the U.S.

CEL 394: Classical to Modern Economic Thought

CEL 394: Liberalism and Conservatism in America

CEL 394: Entrepreneurialism and Innovation

CEL 394: Lincoln: Rhetoric Thought Statesmanship

CEL 494: Adam Smith and Classical Political Economy

CEL 394: Political Thought & Leadership of James Madison

CEL 394: Tocqueville on Liberty Equality and Democracy

CEL 494: Civil Liberties and Rights

CEL 494: Law of the Constitution: Governments & Powers

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)

Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map




Civic and Economic Thought and Leadership, BS




School/College: The College of Liberal Arts and Sciences



Location: Tempe campus

LACETLBS

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  CEL 100: Great Ideas of Politics and Ethics (HU) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Select your career interest communities and play me3@ASU. • Create a first draft resume. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Complete 2 courses: Elective | 6 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  CEL 200: Great Debates in American Politics and Economics (HU) | 3 | C | <ul style="list-style-type: none"> • Network in your career interest area • Join a student club or professional organization |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete 2 courses: Elective | 6 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 48 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  CEL Elective | 3 | C | |
| Historical Awareness (H) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Elective | 3 | | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 48 - 63 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  American Political and Economic Thought Course | 3 | C | <ul style="list-style-type: none"> • See your academic advisor to explore internship opportunities. • Secure a part-time job or volunteer experience. |
| Science and Society Elective | 3 | C | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |

Elective 3

Term hours subtotal: 15

| Term 5 63 - 78 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ CEL 300: Capitalism and Great Economic Debates | 3 | C | <ul style="list-style-type: none"> • CEL 499 and additional CEL 484 internship hours may be used to satisfy the CEL elective requirement. • Explore graduate programs with faculty and your advisor. |
| Upper Division Related Area Electives | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Complete 2 courses: | | | |
| Elective | 6 | | |
| Term hours subtotal: | | 15 | |

| Term 6 78 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ POS 301: Empirical Political Inquiry (SB) OR SGS 305: Empirical Political Inquiry (SB) | 3 | C | <ul style="list-style-type: none"> • Develop your professional online presence. • Use Handshake to research employment opportunities. |
| ★ Upper Division Moral and Political Thought Course | 3 | C | |
| CEL 484: Internship | 3 | Y | |
| Upper Division Related Area Electives | 3 | C | |
| Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | | 15 | |

| Term 7 93 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ CEL 475: Statesmanship and American Grand Strategy | 3 | C | <ul style="list-style-type: none"> • Gather professional references. • Update and polish your resume. • Apply to graduate programs. |
| ★ POS 401: Political Statistics (CS) OR SGS 401: Political Statistics (CS) | 3 | C | |
| ★ Upper Division Leadership and Statesmanship for the 21st Century Course | 3 | C | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | | 15 | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ CEL 485: Capstone Seminar in Civic and Economic Thought and Leadership | 3 | C | <ul style="list-style-type: none"> • Complete an in person or virtual practice interview. • Apply for full-time career opportunities. |
| ★ Upper Division Economic Thought and Political Economy Course | 3 | C | |
| Upper Division Science and Society Elective | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | | 12 | |

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

| American Political and Economic Thought | Economic Thought and Political Economy | Leadership and Statesmanship for the 21st Century |
|--|---|--|
| CEL 235: Federalists Anti-Federalists and the Enduring Debate over American Constitutionalism (HU) | CEL 345: Classics of Modern Economic Thought: Smith to Hayek and Beyond | CEL 375: Politics and Leadership in the Age of Revolutions 1776-1826 |
| CEL 294: Race and the American Story | CEL 394: The American Political Economy | CEL 394: Ideological Origins Anglo-Am Librty: 4 Mod Revolutns |
| CEL 294: Social Justice Movements in the U.S. | CEL 394: Classical to Modern Economic Thought | CEL 394: Left and Right Around the World |
| CEL 394: Liberalism and Conservatism in America | CEL 394: Entrepreneurialism and Innovation | CEL 394: U.S. Natl Security Challenges in the 21st Century |
| CEL 394: Lincoln: Rhetoric Thought Statesmanship | CEL 494: Adam Smith and Classical Political Economy | CEL 494: National Security Policy Design |
| CEL 394: Political Thought & Leadership of James Madison | | CEL 494: Political Leadership and Statesmanship |
| CEL 394: Tocqueville on Liberty Equality and Democracy | | |
| CEL 494: Civil Liberties and Rights | | |
| CEL 494: Law of the Constitution: Governments & Powers | | |
| Moral and Political Thought | Related Area Electives | |
| CEL 305: Classical Political Philosophy and Statesmanship: The Greeks | ECN 331: Economics of the European Economic Union (SB & G) | |
| CEL 320: Modern Political Thought: Origins and Debates about Modern Liberty | ECN 345: Survey of Environmental and Resource Economics | |
| CEL 394: Democracies in Crisis | ECN 355: Economics of Healthcare | |
| CEL 394: Justice and Virtue | ECN 360: Economic Development (SB & G) | |
| CEL 394: Theories of Democratic Citizenship | ECN 404: History of Economic Thought (SB) | |
| CEL 494: Political Thought: Islam Hinduism Confucianism | POS 348: Do You Want to Build a Nation? (L) | |
| CEL 494: Politics & Literature/Shakespeare Prince | POS 465: International Organization and Law (SB & G) | |
| | POS 485: Political Economy (SB) | |
| | POS 486: International Political Economy (SB & G) | |
| | SGS 323: International Development | |
| | SGS 394: Global Markets | |

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition




General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map Communication, BA





School/College: The College of Liberal Arts and Sciences

Location: Tempe campus

LACOMBA

| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  COM 100: Introduction to Human Communication (SB) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. • Select your career interest area and play me3@ASU. |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR | | | |
|  ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107: First-Year Composition or ENG 108: First-Year Composition | | | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ENG 101: First-Year Composition or ENG 102: First-Year Composition OR | 3 | C | <ul style="list-style-type: none"> • Join a student club or professional organization |
| ENG 105: Advanced First-Year Composition OR | | | |
| ENG 107: First-Year Composition or ENG 108: First-Year Composition | | | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Complete 2 courses: Elective | 6 | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 47 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  COM 207: Introduction to Communication Inquiry | 3 | C | <ul style="list-style-type: none"> • Develop your skills |
|  COM 225: Public Speaking (L) | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
|  Complete Mathematics (MA) requirement. | | | |

⚠ Minimum 2.00 GPA ASU Cumulative.

Complete First-Year Composition requirement.

Term hours subtotal: 17

| Term 4 47 - 62 Credit Hours Critical course signified by ⚠ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ⚠ COM 308: Advanced Research Methods in Communication (L) | 3 | C | <ul style="list-style-type: none"> Explore an internship |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Complete 2 courses: Elective | 5 | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 5 62 - 77 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| Complete 2 courses: COM 110: Elements of Interpersonal Communication (SB) or COM 310: Relational Communication (SB) OR COM 250: Communication and the Workplace (SB) OR COM 241: Introduction to Oral Interpretation (L or HU) OR COM 263: Elements of Intercultural Communication (SB & C & G) OR COM 321: Rhetorical Theory and Research (L or HU) & H) | 6 | C | <ul style="list-style-type: none"> Select COM courses in consultation with academic advisor Majors will select two Areas of Emphasis from the five available options and complete both required courses in each of the two chosen areas. The first required course from the two selected areas should be completed in term 5 and the second required course in each selected area should be completed in term 6. It is recommended that upper-division COM electives be chosen from the two Areas of Emphasis from which required courses are selected in terms 5 and 6. Develop your professional online presence. |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Upper Division Elective | 3 | | |
| Elective OR COM 484: Internship | 3 | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 6 77 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ COM 407: Advanced Critical Methods in Communication | 3 | C | <ul style="list-style-type: none"> Select COM courses in consultation with academic advisor Majors will select two Areas of Emphasis from the five available options and complete both required courses in each of the two chosen areas. The first required course from the two selected areas should be completed in term 5 and the second required course in each selected area should be completed in term 6. It is recommended that upper-division COM electives be chosen from the two Areas of Emphasis from which required courses are selected in terms 5 and 6. Use Handshake to research employment opportunities. |
| Complete 2 courses: COM 410: Interpersonal Communication Theory and Research (SB) OR COM 421: Rhetoric of Social Issues (HU) OR COM 442: Identity, Performance, and Human Communication OR COM 450: Organizational Communication (SB) OR COM 463: Intercultural Communication in a Global Context (SB & G) | 6 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ COM 3** Elective | 3 | C | <ul style="list-style-type: none"> • Select COM courses in consultation with academic advisor • It is recommended that upper-division COM electives be chosen from the two Areas of Emphasis from which required courses are selected in terms 5 and 6. • Visit Career and Professional Development Services and meet with a career advisor for assistance with career planning and networking. |
| COM Upper Division Elective | 3 | C | |
| Complete 3 courses: | | | |
| Upper Division Elective | 9 | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ COM 4** Elective | 3 | C | <ul style="list-style-type: none"> • Select COM courses in consultation with academic advisor • It is recommended that upper-division COM electives be chosen from the two Areas of Emphasis from which required courses are selected in terms 5 and 6. • Apply for full-time career opportunities |
| COM Upper Division Elective | 3 | C | |
| Complete 2 courses: | | | |
| Upper Division Elective | 6 | | |
| Term hours subtotal: | 12 | | |

- Majors will select two out of five Areas of Emphasis and complete both required courses in each of the two chosen areas. Emphasis areas include Communication and Healthy Relating; Workplace, Organizational, and Leadership Communication; Civility, Advocacy, and Engaging Publics; Communication, Creativity, and Performance; and Communication Across Cultures. The required course sequence for each area is listed at the top of each track list below.
- In the Communication and Healthy Relating Area of Emphasis, students may complete COM 310 as an upper-division elective if not used toward the required courses in the area, but cannot be counted for both a required course and an elective.

Hide Course List(s)/Track Group(s)

| Civility Advocacy and Engaging Publics | Communication Creativity and Performance | Workplace Organizational and Leadership Communication |
|--|--|--|
| COM 321: Rhetorical Theory and Research (L or HU) & H) AND COM 421: Rhetoric of Social Issues (HU) | COM 241: Introduction to Oral Interpretation (L or HU) AND COM 442: Identity Performance and Human Communication | COM 250: Communication and the Workplace (SB) AND COM 450: Organizational Communication (SB) |
| Electives: | Electives: | Electives: |
| COM 222: Argumentation (L) | COM 194: Communication and Creativity | COM 230: Small Group Communication (SB) |
| COM 316: Gender and Communication (SB & C) | COM 281: Communication Activities | COM 312: Communication Conflict and Negotiation |
| COM 320: Communication and Consumerism (SB) | COM 341: Social Contexts for Performance | COM 377: Communication Terrorism and National Security |
| COM 323: Communication Approaches to Popular Culture (C) | COM 441: Performance Studies (HU) | COM 394: Communication Culture and New Media Technologies |
| COM 325: Advanced Public Speaking (L) | COM 445: Narrative Performance (HU) | COM 414: Crisis Communication |
| COM 326: Court Room Oratory | COM 446: Performance of Literature Written by Women (L or HU) & C) | |

COM 327: Civil Communication

COM 426: Political Communication (SB)

COM 430: Leadership in Group Communication

COM 452: Communication and the Art of Happiness

COM 453: Communication Training and Development

Communication and Healthy Relating

COM 110: Elements of Interpersonal Communication (SB) AND COM 410: Interpersonal Communication Theory and Research (SB) or COM 310: Relational Communication (SB) AND COM 410: Interpersonal Communication Theory and Research (SB)

Electives:

COM 310: Relational Communication (SB)

COM 312: Communication Conflict and Negotiation

COM 316: Gender and Communication (SB & C)

COM 317: Nonverbal Communication (SB)

COM 319: Persuasion and Social Influence (SB)

COM 411: Communication in the Family (SB)

COM 452: Communication and the Art of Happiness

Communication Across Cultures

COM 263: Elements of Intercultural Communication (SB & C & G) AND COM 463: Intercultural Communication in a Global Context (SB & G)

Electives:

COM 317: Nonverbal Communication (SB)

COM 327: Civil Communication

COM 394: Communication Culture and New Media Technologies

COM 442: Identity Performance and Human Communication

COM 465: Intercultural Communication Workshop

COM 494: Communication in Multi-National Organizations

COM 494: Conflict and Intercultural Dialogue

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)

- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map




Communication, BS






School/College: The College of Liberal Arts and Sciences


Location: Tempe campus

LACOMBS

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  COM 100: Introduction to Human Communication (SB) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Select your career interest area and play me3@ASU. |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR | | | |
|  ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107: First-Year Composition or ENG 108: First-Year Composition | | | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| Mathematics (MA) | 3 | C | |
| Complete 2 courses: | | | |
| Elective | 6 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR | | | <ul style="list-style-type: none"> • Join a student club or professional organization |
|  ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107: First-Year Composition or ENG 108: First-Year Composition | | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Complete 2 courses: | | | |
| Elective | 6 | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 3 31 - 47 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  COM 207: Introduction to Communication Inquiry | 3 | C | <ul style="list-style-type: none"> • Develop your skills |
|  COM 225: Public Speaking (L) | 3 | C | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
|  Complete Mathematics (MA) requirement. | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete First-Year Composition requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 47 - 63 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  COM 308: Advanced Research Methods in Communication (L) | 3 | C | |

| | | |
|---|----|---|
| Science and Society Elective | 3 | C |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | |
| Complete 2 courses: Elective | 6 | |
| Minimum 2.00 GPA ASU Cumulative. | | |
| Term hours subtotal: | 16 | |

- All students pursuing a B.S. or B.S.P. degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found [here](#).
- Visit [Career and Professional Development Services](#) and meet with a career advisor for assistance with career planning and networking.

| Term 5 63 - 78 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|---|----|---|
| Complete 2 courses: COM 110: Elements of Interpersonal Communication (SB) or COM 310: Relational Communication (SB) OR COM 241: Introduction to Oral Interpretation (L or HU) OR COM 250: Communication and the Workplace (SB) OR COM 263: Elements of Intercultural Communication (SB & C & G) OR COM 321: Rhetorical Theory and Research ((L or HU) & H) | 6 | C |
| Upper Division Science and Society Elective | 3 | C |
| Computer/Statistics/Quantitative Applications (CS) | 3 | |
| Upper Division Elective | 3 | |
| Minimum 2.00 GPA ASU Cumulative. | | |
| Term hours subtotal: | 15 | |

- All students pursuing a B.S. or B.S.P. degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found [here](#).
- Majors will select two **Areas of Emphasis** from five available options and complete both required courses in each of the two chosen areas. The first course from each selected area should be completed in term 5 and the second course from each selected area should be completed in term 6.
- COM 310 may be used as an upper-division COM elective if not selected as a required course for the Communication and Healthy Relating Area of Emphasis.
- Develop your [professional online presence](#)

| Term 6 78 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|---|----|---|
| Complete 2 courses: COM 410: Interpersonal Communication Theory and Research (SB) OR COM 421: Rhetoric of Social Issues (HU) OR COM 442: Identity, Performance, and Human Communication OR COM 450: Organizational Communication (SB) OR COM 463: Intercultural Communication in a Global Context (SB & G) | 6 | C |
| ★ COM 408: Quantitative Research Methods in Communication | 3 | C |
| COM Upper Division Elective | 3 | C |
| Upper Division Social-Behavioral Sciences (SB) OR Upper Division Humanities, Arts and Design (HU) | 3 | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |
| Minimum 2.00 GPA ASU Cumulative. | | |
| Term hours subtotal: | 15 | |

- Select COM courses in conjunction with academic advisor
- Majors will select two **Areas of Emphasis** from five available options and complete both required courses in each of the two chosen areas. The first course from each selected area should be completed in term 5 and the second course from each selected area should be completed in term 6.
- Use Handshake to research [employment opportunities](#)

| Term 7 93 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | |
|--|---|---|
| ★ COM 3** Elective | 3 | C |
| COM Upper Division Elective | 3 | C |
| Complete 2 courses: Upper Division Elective | 6 | |
| Elective OR COM 484: Internship | 3 | |

- Select COM courses in conjunction with academic advisor
- It is recommended that upper division COM electives be chosen from the two **Areas of Emphasis** from which required courses are selected in terms 5 and 6.

Minimum 2.00 GPA ASU Cumulative.

- Explore an **internship**

Term hours subtotal: 15

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ COM 4** Elective | 3 | C | <ul style="list-style-type: none"> • Select COM courses in conjunction with academic advisor • It is recommended that upper-division COM electives be chosen from the two Areas of Emphasis from which required courses are selected in terms 5 and 6. • Apply for full-time career opportunities |
| Complete 2 courses: | 6 | | |
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 12 | | |

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.
- Majors will select two out of five Areas of Emphasis and complete both required courses in each of the two chosen areas. Emphasis areas include Communication and Healthy Relating; Workplace, Organizational, and Leadership Communication; Civility, Advocacy, and Engaging Publics; Communication, Creativity, and Performance; and Communication Across Cultures. The required course sequence for each area is listed at the top of each track list below. In the Communication and Healthy Relating Area of Emphasis, students may complete COM 310 as an upper-division elective if not used toward the required courses in the area, but it cannot be counted for both a required course and an elective.

Hide Course List(s)/Track Group(s)

| Civility Advocacy and Engaging Publics | Communication Creativity and Performance | Workplace Organizational and Leadership Communication |
|--|--|--|
| COM 321: Rhetorical Theory and Research (L or HU) & H) AND COM 421: Rhetoric of Social Issues (HU) | COM 241: Introduction to Oral Interpretation (L or HU) AND COM 442: Identity Performance and Human Communication | COM 250: Communication and the Workplace (SB) AND COM 450: Organizational Communication (SB) |
| Electives: | Electives: | Electives: |
| COM 222: Argumentation (L) | COM 194: Communication and Creativity | COM 230: Small Group Communication (SB) |
| COM 316: Gender and Communication (SB & C) | COM 281: Communication Activities | COM 312: Communication Conflict and Negotiation |
| COM 320: Communication and Consumerism (SB) | COM 341: Social Contexts for Performance | COM 377: Communication Terrorism and National Security |
| COM 323: Communication Approaches to Popular Culture (C) | COM 441: Performance Studies (HU) | COM 394: Communication Culture and New Media Technologies |
| COM 325: Advanced Public Speaking (L) | COM 445: Narrative Performance (HU) | COM 414: Crisis Communication |
| COM 326: Court Room Oratory | COM 446: Performance of Literature Written by Women (L or HU) & C) | COM 430: Leadership in Group Communication |
| COM 327: Civil Communication | | COM 452: Communication and the Art of Happiness |
| COM 426: Political Communication (SB) | | |

| Communication and Healthy Relating | Communication Across Cultures |
|---|---|
| COM 110: Elements of Interpersonal Communication (SB) AND COM 410: Interpersonal Communication Theory and Research (SB) or COM 310: Relational Communication (SB) AND COM 410: Interpersonal Communication Theory and Research (SB) | COM 263: Elements of Intercultural Communication (SB & C & G) AND COM 463: Intercultural Communication in a Global Context (SB & G) |
| Electives: | Electives: |
| COM 310: Relational Communication (SB) | COM 317: Nonverbal Communication (SB) |
| COM 312: Communication Conflict and Negotiation | COM 327: Civil Communication |
| COM 316: Gender and Communication (SB & C) | COM 394: Communication Culture and New Media Technologies |
| COM 317: Nonverbal Communication (SB) | COM 442: Identity Performance and Human Communication |
| COM 319: Persuasion and Social Influence (SB) | COM 465: Intercultural Communication Workshop |
| COM 411: Communication in the Family (SB) | COM 494: Communication in Multi-National Organizations |
| COM 452: Communication and the Art of Happiness | COM 494: Conflict and Intercultural Dialogue |

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.

2020 - 2021 Major Map Communication, BS




School/College: [The College of Liberal Arts and Sciences](#)

Location: [Online](#)



LACOMBS



FT Fast Track Options: 3 Year




A student must speak with an advisor in order to be added to a fast track plan.

| Term 1 - A 0 - 7 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  COM 100: Introduction to Human Communication (SB) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or College specific equivalent First Year Seminar is required for all first-year students • Select your career interest area and play me3@ASU. |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR | 3 | C | |
|  Composition OR ENG 105: Advanced First-Year Composition OR | | | |
| ENG 107: First-Year Composition or ENG 108: First-Year Composition | | | |
| ASU 101-UC: The ASU Experience | 1 | | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 13 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| Mathematics (MA) (MAT 142 recommended) | 3 | C | <ul style="list-style-type: none"> • View ASU Online first-year student registration information here. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 2 - A 13 - 19 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition | 3 | C | |
|  OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 2 - B 19 - 25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| Complete 2 courses: | 6 | | <ul style="list-style-type: none"> • Develop your skills |
| Elective | | | |
|  Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 3 - A 25 - 31 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  COM 207: Introduction to Communication Inquiry | 3 | C | |
|  COM 259: Communication in Business and the Professions | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 3 - B 31 - 38 Credit Hours Critical course signified by ⚠ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| Literacy and Critical Inquiry (L) | 3 | | <ul style="list-style-type: none"> • Contact Career and Professional Development Services and speak with a career advisor for assistance with career planning and networking. |
| Natural Science - Quantitative (SQ) | 4 | | |
| ⚠ Complete Mathematics (MA) requirement. | | | |
| ⚠ Minimum 2.00 GPA ASU Cumulative. | | | |
| Complete First-Year Composition requirement. | | | |
| Term hours subtotal: | 7 | | |

| Term 4 - A 38 - 44 Credit Hours Critical course signified by ⚠ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ⚠ COM 308: Advanced Research Methods in Communication (L) | 3 | C | <ul style="list-style-type: none"> • Explore an internship |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 4 - B 44 - 51 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| Global Awareness (G) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 5 - A 51 - 57 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ COM 312: Communication, Conflict, and Negotiation | 3 | C | <ul style="list-style-type: none"> • Draft or update your resume |
| Science and Society Elective | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 5 - B 57 - 63 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Elective | 3 | | |
| ★ Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 6 | | |

| Term 6 - A 63 - 69 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ COM 316: Gender and Communication (SB & C) | 3 | C | <ul style="list-style-type: none"> • Use Handshake to research employment opportunities |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 69 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ COM 319: Persuasion and Social Influence (SB) | 3 | C | |
| Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 6 | | |

| Term 7 - A 75 - 81 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | |
|---|---|---|
| ★ COM 408: Quantitative Research Methods in Communication | 3 | C |
| Upper Division Science and Society Elective | 3 | C |
| Term hours subtotal: | 6 | |

- Apply for full-time career opportunities

| Term 7 - B 81 - 87 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|--|---|---|
| ★ COM 400: Communication in Professions (HU & C) | 3 | C |
| Upper Division Elective | 3 | |
| Minimum 2.00 GPA ASU Cumulative. | | |
| Term hours subtotal: | 6 | |

| Term 8 - A 87 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|--|---|---|
| ★ COM 430: Leadership in Group Communication | 3 | C |
| Upper Division Elective | 3 | |
| Term hours subtotal: | 6 | |

- Develop your professional online presence

| Term 8 - B 93 - 99 Credit Hours | Hours | Minimum Grade | Notes |
|---------------------------------|-------|---------------|-------|
|---------------------------------|-------|---------------|-------|

| | | |
|----------------------------------|---|--|
| Complete 2 courses: | | |
| Upper Division Elective | 6 | |
| Minimum 2.00 GPA ASU Cumulative. | | |
| Term hours subtotal: | 6 | |

| Term 9 - A 99 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | |
|---|---|---|
| ★ COM 453: Communication Training and Development | 3 | C |
| Upper Division Elective | 3 | |
| Term hours subtotal: | 6 | |

- Gather professional references

| Term 9 - B 105 - 111 Credit Hours | Hours | Minimum Grade | Notes |
|-----------------------------------|-------|---------------|-------|
|-----------------------------------|-------|---------------|-------|

| | | |
|----------------------------------|---|--|
| Upper Division Elective | 3 | |
| Elective | 3 | |
| Minimum 2.00 GPA ASU Cumulative. | | |
| Term hours subtotal: | 6 | |

| Term 10 - A 111 - 117 Credit Hours | Hours | Minimum Grade | Notes |
|------------------------------------|-------|---------------|-------|
|------------------------------------|-------|---------------|-------|

| | | |
|----------------------|---|--|
| Complete 2 courses: | | |
| Elective | 6 | |
| Term hours subtotal: | 6 | |

- Apply for full-time career opportunities

| Term 10 - B 117 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | |
|----------------------|---|--|
| ★ Elective | 3 | |
| Term hours subtotal: | 3 | |

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must

be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

[Hide Course List\(s\)/Track Group\(s\)](#)

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.













2020 - 2021 Major Map




Computational Mathematical Sciences, BS




School/College: [The College of Liberal Arts and Sciences](#)

Location: [Tempe campus](#)


LACMSBS



| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|----------------|---|
|  CSE 110: Principles of Programming (CS) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Select your career interest area and play me3@ASU. |
|  MAT 270: Calculus with Analytic Geometry I (MA) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| Elective | 3 | | |
| Maintain 2.50 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 14 | | |
| Term 2 14 - 31 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  CSE 205: Object-Oriented Programming and Data Structures (CS) | 3 | C | <ul style="list-style-type: none"> • Meet with your academic advisor to reflect on your first year of classes and map your coursework towards a timely graduation. • Join a student club or professional organization, like Math Club |
|  MAT 271: Calculus with Analytic Geometry II (MA) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Science Sequence Course AND Natural Science - Quantitative (SQ) | 4 | C | |
| Literacy and Critical Inquiry (L) (PHI 103 recommended) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Maintain 2.50 GPA in Critical Tracking Courses. Minimum 2.00 GPA in MAT and STP. | | | |
| Term hours subtotal: | 17 | | |
| Term 3 31 - 47 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  CSE 240: Introduction to Programming Languages | 3 | C | <ul style="list-style-type: none"> • Minimum grade of C required in all MAT and STP classes; grade of B or better strongly correlated with timely graduation • Meet with your academic advisor to discuss summer internship and/or Research Opportunities for Undergraduates (REU) • Visit Career and Professional Development Services and meet with a career advisor for assistance with career planning and networking. |
|  MAT 272: Calculus with Analytic Geometry III (MA) | 4 | C | |
|  MAT 275: Modern Differential Equations (MA) | 3 | C | |
| Science and Society Elective | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
|  Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. Maintain 2.50 GPA in Critical Tracking Courses. Minimum 2.00 GPA in MAT and STP. | | | |
| Term hours subtotal: | 16 | | |
| | | Minimum | |

| Term 4 47 - 63 Credit Hours Critical course signified by  | Hours | Grade | Notes |
|--|-------|-------|--|
|  MAT 300: Mathematical Structures (L) | 3 | C | <ul style="list-style-type: none"> • Minimum grade of C required in all MAT classes; grade of B or better strongly correlated with timely graduation • Meet with your academic advisor to discuss options for adding a minor, certificate, or concurrent major to your degree program. • Develop professional skills • Upper-division MAT/STP courses should be taken through the Tempe campus, unless approved by a SoMSS advisor. |
|  MAT 342: Linear Algebra OR MAT 343: Applied Linear Algebra | 3 | C | |
| Science Sequence Course AND Natural Science - Quantitative (SQ) or Natural Science - General (SG) | 4 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Maintain 2.50 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 16 | | |

| Term 5 63 - 77 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  MAT 370: Intermediate Calculus OR MAT 371: Advanced Calculus I | 3 | C | <ul style="list-style-type: none"> • Minimum grade of C required in all MAT and STP classes; grade of B or better strongly correlated with timely graduation • Meet with your academic advisor to discuss post-graduation plans, e.g. graduate school, career preparation. • Develop your professional online presence. • Upper-division MAT/STP courses should be taken through the Tempe campus, unless approved by a SoMSS advisor. |
|  MAT 420: Scientific Computing | 3 | C | |
| Science Sequence Course | 4 | C | |
| Elective | 4 | | |
| Minimum 2.00 GPA in MAT and STP. | | | |
| Term hours subtotal: | 14 | | |

| Term 6 77 - 93 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  MAT 421: Applied Computational Methods (CS) | 3 | C | <ul style="list-style-type: none"> • Minimum grade of C required in all MAT and STP classes; grade of B or better strongly correlated with timely graduation • Upper-division MAT/STP courses should be taken through the Tempe campus, unless approved by a SoMSS advisor. • Meet with a career counselor from ASU Career Services for a review of your resume and interviewing tips for success. |
| Science Sequence Course | 4 | C | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Complete 2 courses: Upper Division Elective | 6 | | |
|  Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Minimum 2.00 GPA in MAT and STP. | | | |
| Term hours subtotal: | 16 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  Upper Division Internship/Research/Advanced Science Course | 3 | C | <ul style="list-style-type: none"> • Minimum grade of C required in all MAT and STP classes; grade of B or better strongly correlated with timely graduation • Upper-division MAT/STP courses should be taken through the Tempe campus, unless approved by a SoMSS advisor. • Meet with your academic advisor to discuss post-graduation plans, e.g. graduate school, career preparation. • Gather professional references. |
| Upper Division Advanced Courses | 3 | C | |
| Upper Division Science and Society Elective | 3 | C | |
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| Minimum 2.00 GPA in MAT and STP. | | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  Complete 2 courses: Upper Division Advanced Courses | 6 | C | |

| | |
|---|----|
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 |
| Upper Division Elective | 3 |
| ★ Minimum 2.00 GPA in MAT and STP. | |
| Term hours subtotal: | 12 |

- Minimum grade of C required in all MAT and STP classes; grade of B or better strongly correlated with timely graduation.
- Upper-division MAT/STP courses should be taken through the Tempe campus, unless approved by a SoMSS advisor.
- Meet with your academic advisor for final degree check and apply for graduation through your My ASU.

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.
- The Computational Mathematical Sciences degree requires students to select and complete two 1-year lecture and lab combinations. Upon advisor approval, two advanced courses for which the first 1-year science and lab sequence is a prerequisite may be substituted for the second 1-year science and lab sequence.

Hide Course List(s)/Track Group(s)

| Science Sequence Courses | Internship Research or Advanced Science | Advanced Courses |
|--|--|---|
| AST 111: Introduction to Solar Systems Astronomy (SQ) AND AST 113: Astronomy Laboratory I (SQ) AND AST 112: Introduction to Stars Galaxies and Cosmology (SQ) AND AST 114: Astronomy Laboratory II (SQ) or AST 321: Introduction to Planetary and Stellar Astrophysics (SQ) AND AST 113: Astronomy Laboratory I (SQ) AND AST 322: Introduction to Galactic and Extragalactic Astrophysics (SQ) AND AST 114: Astronomy Laboratory II (SQ) | AST Upper Division Elective BIO 320: Fundamentals of Ecology BME Upper Division Elective CEE Upper Division Elective CHE Upper Division Elective CHM Upper Division Elective CIS Upper Division Elective CSE Upper Division Elective EEE Upper Division Elective | MAT 415: Introduction to Combinatorics MAT 416: Graph Theory MAT 419: Introduction to Linear Optimization (CS) MAT 423: Numerical Analysis I (CS) MAT 425: Numerical Analysis II (CS) MAT 447: Cryptography I MAT 448: Cryptography II MAT 451: Mathematical Modeling (CS) |
| BIO 181: General Biology I (SQ) AND BIO 182: General Biology II (SG) | GLG 305: Dynamic Earth | MAT 452: Introduction to Chaos and Nonlinear Dynamics |
| CHM 113: General Chemistry I (SQ) AND CHM 116: General Chemistry II (SQ) | GLG 321: Mineralogy | MAT 461: Applied Complex Analysis |
| CHM 114: General Chemistry for Engineers (SQ) AND CHM 231: Elementary Organic Chemistry (SQ) AND CHM 235: Elementary Organic Chemistry Laboratory (SQ) | GLG 362: Geomorphology GLG 4** Elective | MAT 462: Applied Partial Differential Equations MAT 475: Differential Equations |
| CHM 117: General Chemistry for Majors I (SQ) AND CHM 111: General Chemistry Laboratory for Majors I (SQ) AND CHM 118: General Chemistry for Majors II (SQ) AND CHM 112: General Chemistry Laboratory for Majors II (SQ) | IEE Upper Division Elective MAE Upper Division Elective MAT 484: Internship MAT 493: Honors Thesis (L) | MAT 476: Partial Differential Equations STP 420: Introductory Applied Statistics (CS) STP 421: Probability |
| GLG 101: Introduction to Geology I (Physical) (SQ) AND GLG 103: Introduction | MAT 495: Undergraduate Research | STP 425: Stochastic Processes STP 427: Mathematical Statistics |

| | | |
|---|----------------------------------|----------------------------------|
| to Geology I-Laboratory (SQ) AND GLG 102: Introduction to Geology II (Historical) (SG & H) AND GLG 104: Introduction to Geology II-Laboratory (SG) | MIC Upper Division Elective | STP 429: Applied Regression (CS) |
| | MSE Upper Division Elective | |
| | PHI 413: Advanced Symbolic Logic | |
| PHY 121: University Physics I: Mechanics (SQ) AND PHY 122: University Physics Laboratory I (SQ) AND PHY 131: University Physics II: Electricity and Magnetism (SQ) AND PHY 132: University Physics Laboratory II (SQ) | PHY Upper Division Elective | |
| | PLB Upper Division Elective | |
| PHY 150: Physics I (SQ) AND PHY 151: Physics II (SQ) | | |

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map





Earth and Environmental Studies, BA




School/College: The College of Liberal Arts and Sciences

Location: Tempe campus

LAEESBA

| Term 1 0 - 15 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  Mathematics (MA) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • LIA 101 is mandatory for all first-year students. • SESE requires first and second-year students to seek faculty mentoring at least once during the academic year. Each student will be assigned a SESE faculty mentor. Students can find their faculty mentor on the SESE advising website. • Select your career interest area and play me3@ASU. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| SES 121: Earth, Solar System and Universe (SQ) AND SES 123: Earth, Solar System and Universe Laboratory (SQ) | 4 | C | |
| SES 191: Exploring SESE | 1 | C | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 2 15 - 29 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  MAT 170: Precalculus (MA) | 3 | C | <ul style="list-style-type: none"> • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. • SESE requires first and second-year students to seek faculty mentoring at least once during the academic year. Each student will be assigned a SESE faculty mentor. Students can find their faculty mentor on the SESE advising website. • Join a student club or professional organization. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| GLG 108: Water Planet (SQ) | 4 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Milestone: Complete SESE faculty mentoring. | | | |
| Term hours subtotal: | 14 | | |

| Term 3 29 - 44 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  CHM 101: Introductory Chemistry (SQ) OR CHM 113: General Chemistry I (SQ) OR CHM 114: General Chemistry for Engineers (SQ) | 4 | C | <ul style="list-style-type: none"> • SESE requires first and second-year students to seek faculty mentoring at least once during the academic year. Each student will be assigned a SESE faculty mentor. Students can find their faculty mentor on the SESE advising website. |
| GLG 110: Dangerous World (SQ & G) AND GLG 111: Dangerous World Laboratory (SQ) | 4 | C | |
| SES 220: Biology of a Changing Earth | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
|  Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |

Term hours subtotal: 15

| Term 4 44 - 60 Credit Hours Critical course signified by 🚩 | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| 🚩 SES 225: Global Biogeochemical Cycles | 3 | C | <ul style="list-style-type: none"> • SESE requires first and second-year students to seek faculty mentoring at least once during the academic year. Each student will be assigned a SESE faculty mentor. Students can find their faculty mentor on the SESE advising website. • Explore an internship. |
| Second Language: Requirement satisfied through the following: | | | |
| * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | | |
| 🚩 Milestone: Complete SESE faculty mentoring. | | | |

Term hours subtotal: 16

| Term 5 60 - 76 Credit Hours Necessary course signified by ⭐ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ⭐ GLG 325: Oceanography | 3 | C | <ul style="list-style-type: none"> • Students are strongly encouraged to meet with SESE faculty advisors to discuss career options. |
| Second Language: Requirement satisfied through the following: | | | |
| * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Upper Division Elective | 3 | | |
| Elective | 3 | | |

Term hours subtotal: 16

| Term 6 76 - 91 Credit Hours Necessary course signified by ⭐ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ⭐ GLG 305: Dynamic Earth | 3 | C | <ul style="list-style-type: none"> • Research career opportunities. • The list of approved major electives along with their pre-requisites may be viewed on the SESE website. • Students should meet with an advisor to do a graduation check. |
| Complete 2 courses: | | | |
| Upper Division Earth and Environmental Studies (EES) Major Electives | 6 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Upper Division Elective | 3 | | |
| ⭐ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |

Term hours subtotal: 15

| Term 7 91 - 106 Credit Hours Necessary course signified by ⭐ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ⭐ GLG 327: Earth's Critical Zone | 3 | C | <ul style="list-style-type: none"> • If not already completed, students should meet with an advisor to do a graduation check. • Explore a research or internship opportunity. In order to earn credits for research or an internship, students should work with their SESE advisor for approval. • Apply for career opportunities. • The list of approved major electives along with their pre-requisites may be viewed on the SESE website. |
| 4** (400-level) Earth and Environmental Studies (EES) Electives | 3 | C | |
| Upper Division Earth and Environmental Studies (EES) Major Electives | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective OR SES 484: Internship | 3 | | |
| Term hours subtotal: | 15 | | |

Term hours subtotal: 15

| | | Minimum | |
|--|--|---------|--|
|--|--|---------|--|

| Term 8 106 - 120 Credit Hours Necessary course signified by ★ | Hours | Grade | Notes |
|---|-------|-------|---|
| ★ GLG 464: Solving Environmental Problems | 3 | C | • The list of approved major electives along with their pre-requisites may be viewed on the SESE website. |
| 4** (400-level) Earth and Environmental Studies (EES) Electives | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Elective (SES 499 recommended) | 3 | | |
| Elective | 2 | | |
| Term hours subtotal: | 14 | | |

Hide Course List(s)/Track Group(s)

| | |
|---|---|
| 4** (400-level) Earth and Environmental Studies (EES) Electives | Upper Division Earth and Environmental Studies (EES) Electives |
| ABS 430: Watershed Management | ABS 430: Watershed Management |
| ABS 479: Ecosystem Management and Planning (L) | ABS 479: Ecosystem Management and Planning (L) |
| ABS 485: GIS in Natural Resources | ABS 485: GIS in Natural Resources |
| ABS 486: Introduction to Remote Sensing | ABS 486: Introduction to Remote Sensing |
| BIO 412: Conservation in Practice | ASB 326: Human Impacts on Ancient Environments (SB & H) |
| CEE 400: Earth Systems Engineering and Management ((L or HU) & H) | ASB 375: Humans and the Environment: What's the Connection? ((L or SB) & G) |
| ERM 426: Environmental Issues | BIO 324: Environmental Ethics (HU) |
| ERM 428: International Environmental Management (G) | BIO 412: Conservation in Practice |
| FIS 444: Environment and Justice (L & C) | CEE 400: Earth Systems Engineering and Management ((L or HU) & H) |
| GLG 424: Petrology | ENG 371: Rhetoric of the Environmental Movement |
| GLG 430: Paleontology | ERM 426: Environmental Issues |
| GLG 435: Sedimentology and Stratigraphy | ERM 428: International Environmental Management (G) |
| GLG 441: Ore Deposits | FIS 334: Science Technology and Inequality (C) |
| GLG 470: Hydrogeology | FIS 444: Environment and Justice (L & C) |
| GLG 476: Climate Science for Sustainability | GCU 364: Energy in the Global Arena (SB & G) |
| GLG 481: Geochemistry | GIS 341: Cartography and Georepresentation (CS) |
| GPH 414: Climate Change (G) | GLG 301: Earth Science in Arizona and the Southwest |
| JUS 444: Environment and Justice (L & C) | GLG 304: Minerals Energy and Society |
| JUS 456: Human Rights and Sustainability ((L or SB) & G) | GLG 310: Structural Geology |
| PUP 442: Environmental Planning | |
| SCN 401: Sustainability Science Technology and Society | |

| | |
|--|--|
| SOC 455: Human Rights and Sustainability (L or SB) & G | GLG 321: Mineralogy |
| SOS 412: Conservation in Practice | GLG 424: Petrology |
| SOS 414: Urban and Environmental Health (SB) | GLG 430: Paleontology |
| SOS 429: Human Impacts on Ecosystem Functioning | GLG 435: Sedimentology and Stratigraphy |
| SOS 433: Sustainable Water Use | GLG 441: Ore Deposits |
| SOS 434: People and Nature: Ecosystem Services | GLG 470: Hydrogeology |
| SOS 456: Human Rights and Sustainability (L or SB) & G | GLG 476: Climate Science for Sustainability |
| SOS 476: Climate Science for Sustainability | GLG 481: Geochemistry |
| STP 420: Introductory Applied Statistics (CS) | GPH 314: Global Change (HU & G) |
| | GPH 381: Geography of Natural Resources (G) |
| | GPH 414: Climate Change (G) |
| | HST 345: Environmental History (L) |
| | JUS 332: Politics of Energy Policy and Justice |
| | JUS 334: Science Technology and Inequality (C) |
| | JUS 444: Environment and Justice (L & C) |
| | JUS 456: Human Rights and Sustainability ((L or SB) & G) |
| | PHI 310: Environmental Ethics (HU) |
| | POS 300: Contemporary Global Controversies (SB & G) |
| | PUP 301: Introduction to Urban Planning (L) |
| | PUP 442: Environmental Planning |
| | SCN 300: Foundations of Environmental Education |
| | SCN 302: Environmental Education (L & G) |
| | SCN 307: Learning from Nature: Biomimicry and STEM |
| | SCN 308: Urban Environmental Education |
| | SCN 401: Sustainability Science Technology and Society |
| | SOC 331: Environmental Sociology (SB & G) |
| | SOC 455: Human Rights and Sustainability ((L or SB) & G) |
| | SOS 300: Advanced Concepts and Integrated Approaches in Sustainability |
| | SOS 310: Equity Justice and Sustainability |
| | SOS 314: Basic Energy Science |

| |
|---|
| SOS 315: Energy Policy |
| SOS 320: Society and Sustainability (L or SB) |
| SOS 321: Policy and Governance in Sustainable Systems |
| SOS 323: Sustainable Urban Dynamics |
| SOS 324: Sustainable Energy Technology and Systems |
| SOS 325: The Economics of Sustainability |
| SOS 326: Sustainable Ecosystems |
| SOS 327: Sustainable Food and Farms |
| SOS 372: Earth Science in Arizona and the Southwest |
| SOS 373: Minerals Energy and Society |
| SOS 375: Humans and the Environment: What's the Connection? ((L or SB) & G) |
| SOS 412: Conservation in Practice |
| SOS 414: Urban and Environmental Health (SB) |
| SOS 429: Human Impacts on Ecosystem Functioning |
| SOS 433: Sustainable Water Use |
| SOS 434: People and Nature: Ecosystem Services |
| SOS 456: Human Rights and Sustainability ((L or SB) & G) |
| SOS 476: Climate Science for Sustainability |
| STP 420: Introductory Applied Statistics (CS) |

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)

- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map





Earth and Space Exploration, BS

School/College: The College of Liberal Arts and Sciences

Location: Tempe campus

LASESBS

| Term 1 0 - 15 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  Mathematics (MA) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • LIA 101 is mandatory for all incoming first-year students. • SESE will accept Calculus with Analytic Geometry I, II and III (MAT 270/271/272) in place of MAT 265/266/267. • SESE requires first and second-year students to seek faculty mentoring at least once during the academic year. Each student will be assigned a SESE faculty mentor. Students can find their faculty mentor on the SESE advising website. • Select your career interest area and play me3@ASU. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| SES 121: Earth, Solar System and Universe (SQ) AND SES 123: Earth, Solar System and Universe Laboratory (SQ) | 4 | C | |
| SES 191: Exploring SESE | 1 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 2 15 - 29 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  MAT 265: Calculus for Engineers I (MA) | 3 | C | <ul style="list-style-type: none"> • Students in this major have a choice between taking SES 122/SES 124 or SES 126/SES 128 in their second semester. SES 122/124 has an earth-based focus and SES 126/128 has a space-based focus. Students should take SES 122/SES 124 if they are interested in exploring the Earth and other objects in our solar system, or take SES 126/SES 128 if their interests are in exploration outside of the solar system. • SESE will accept Calculus with Analytic Geometry I, II and III (MAT 270/271/272) in place of MAT 265/266/267. • SESE requires first and second-year students to seek faculty mentoring at least once during the academic year. Each student will be assigned a SESE faculty mentor. Students can find their faculty mentor on the SESE advising website. • Join a student club or professional organization. |
| CHM 114: General Chemistry for Engineers (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| SES 122: History of the Earth and Solar System AND SES 124: History of the Earth and Solar System Laboratory OR SES 126: Exploration of the Universe AND SES 128: Exploration of the Universe Lab | 4 | C | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Milestone: Complete SESE faculty mentoring. | | | |
| Term hours subtotal: | 14 | | |

| Term 3 29 - 45 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  MAT 266: Calculus for Engineers II (MA) | 3 | C | |

| | | |
|---|----|---|
| 🚩 PHY 121: University Physics I: Mechanics (SQ) AND PHY 122: University Physics Laboratory I (SQ) | 4 | C |
| SES 230: Coding for Exploration (CS) | 3 | C |
| Literacy and Critical Inquiry (L) | 3 | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | |
| 🚩 Complete First-Year Composition requirement. | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 16 | |

- SESE will accept Calculus with Analytic Geometry I, II and III (MAT 270/271/272) in place of MAT 265/266/267.
- SESE requires first and second-year students to seek faculty mentoring at least once during the academic year. Each student will be assigned a SESE faculty mentor. Students can find their faculty mentor on the [SESE advising website](#).
- Develop your **skills**.

| Term 4 45 - 61 Credit Hours Critical course signified by 🚩 | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| 🚩 MAT 267: Calculus for Engineers III (MA) | 3 | C | <ul style="list-style-type: none"> • SESE will accept Calculus with Analytic Geometry I, II and III (MAT 270/271/272) in place of MAT 265/266/267. • SESE requires first and second-year students to seek faculty mentoring at least once during the academic year. Each student will be assigned a SESE faculty mentor. Students can find their faculty mentor on the SESE advising website. |
| 🚩 PHY 131: University Physics II: Electricity and Magnetism (SQ) AND PHY 132: University Physics Laboratory II (SQ) | 4 | C | |
| Science and Society Elective | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Elective | 3 | | |
| 🚩 Milestone: Complete SESE faculty mentoring. | | | |
| Term hours subtotal: | 16 | | |

| Term 5 61 - 76 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ SES 350: Engineering Systems and Experimental Problem Solving | 3 | C | <ul style="list-style-type: none"> • Students need two upper-division electives for the major (six credits total). Electives may be chosen from the branch course list or students may take any other upper-division GLG or SES or AST courses offered by the School of Earth and Space Exploration, excluding GLG 300 or GLG 400/SES 401. • Students should meet with faculty advisor to discuss research opportunities. |
| MAT 275: Modern Differential Equations (MA) | 3 | C | |
| Upper Division SES Branch Course | 3 | C | |
| SES OR GLG OR AST Upper Division Elective | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 76 - 91 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ Upper Division SES Branch Course | 3 | C | <ul style="list-style-type: none"> • Explore a research or internship opportunity. In order to earn credits for research or an internship, students should work with their SESE advisor for approval. Students who hope to go to graduate school should consider getting involved in research. Students should talk to faculty mentors about how to find research opportunities. • Students interested in graduate school should be researching programs and preparing application materials. Continue to meet with faculty advisor for input along the way. • Students should meet with an advisor to do a graduation check. • Research career opportunities. |
| Upper Division Science and Society Elective | 3 | C | |
| SES OR GLG OR AST Upper Division Elective | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective OR SES 484: Internship OR SES 499: Individualized Instruction | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 91 - 107 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ SES 410: Senior Exploration Project I | 3 | C | |

| | | |
|---|----|---|
| SES 401: Earth and Space Exploration Colloquium | 1 | C |
| Upper Division SES Branch Course | 3 | C |
| Humanities, Arts and Design (HU) | 3 | |
| Upper Division Elective | 3 | |
| Elective | 3 | |
| Term hours subtotal: | 16 | |

- Students interested in graduate school should be researching programs and preparing application materials. Continue to meet with faculty advisor for input along the way.
- If not already completed, students should meet with an advisor to do a graduation check.
- Apply for **full-time career opportunities**.

| Term 8 107 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ SES 411: Senior Exploration Project II | 3 | C | |
| Upper Division SES Branch Course | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Elective | 2 | | |
| Elective | 2 | | |
| Term hours subtotal: | 13 | | |

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

| SES Branch Courses |
|---|
| AST 321: Introduction to Planetary and Stellar Astrophysics (SQ) |
| AST 322: Introduction to Galactic and Extragalactic Astrophysics (SQ) |
| GLG 310: Structural Geology |
| GLG 321: Mineralogy |
| GLG 418: Geophysics |
| GLG 424: Petrology |
| GLG 471: Hydrology |
| GLG 481: Geochemistry |
| GLG 490: Remote Sensing |
| SES 311: Essentials of Astrobiology: Exploration for Life in the Universe |
| SES 330: Practical Electronics and Instrumentation |
| SES 405: Exploration Systems Engineering |

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map






Earth and Space Exploration (Astrobiology and Biogeosciences), BS


School/College: [The College of Liberal Arts and Sciences](#)

Location: [Tempe campus](#)

LASESABBS

| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  Mathematics (MA) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • LIA 101 is mandatory for all incoming first-year students. • SESE will accept Calculus with Analytic Geometry I, II and III (MAT 270/271/272) in place of MAT 265/266/267. • SESE requires first and second-year students to seek faculty mentoring at least once during the academic year. Each student will be assigned a SESE faculty mentor. Students can find their faculty mentor on the SESE advising website. • Select your career interest area and play me3@ASU. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| SES 121: Earth, Solar System and Universe (SQ) AND SES 123: Earth, Solar System and Universe Laboratory (SQ) | 4 | C | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 28 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  CHM 113: General Chemistry I (SQ) | 4 | C | <ul style="list-style-type: none"> • Students in this major have a choice between taking SES 122/SES 124 or SES 126/SES 128 in their second semester. SES 122/124 has an earth-based focus and SES 126/128 has a space-based focus. Students interested in exoplanets and the potential for life on other worlds should take SES 126/SES 128. Students interested in life in extreme environments and the origins of life should take SES 122/SES 124. • SESE will accept Calculus with Analytic Geometry I, II and III (MAT 270/271/272) in place of MAT 265/266/267. • SESE requires first and second-year students to seek faculty mentoring at least once during the academic year. Each student will be assigned a SESE faculty mentor. Students can find their faculty mentor on the SESE advising website. • Join a student club or professional organization. |
|  MAT 265: Calculus for Engineers I (MA) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| SES 122: History of the Earth and Solar System AND SES 124: History of the Earth and Solar System Laboratory OR SES 126: Exploration of the Universe AND SES 128: Exploration of the Universe Lab | 4 | C | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Milestone: Complete SESE faculty mentoring. | | | |
| Term hours subtotal: | 14 | | |

| Term 3 28 - 42 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  CHM 116: General Chemistry II (SQ) | 4 | C | |

| | | |
|--|----|---|
| ⚠ MAT 266: Calculus for Engineers II (MA) | 3 | C |
| BIO 181: General Biology I (SQ) | 4 | C |
| SES 230: Coding for Exploration (CS) | 3 | C |
| ⚠ Complete First-Year Composition requirement. | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 14 | |

- SESE will accept Calculus with Analytic Geometry I, II and III (MAT 270/271/272) in place of MAT 265/266/267.
- SESE requires first and second-year students to seek faculty mentoring at least once during the academic year. Each student will be assigned a SESE faculty mentor. Students can find their faculty mentor on the [SESE advising website](#).
- Develop your **skills**.

| Term 4 42 - 58 Credit Hours Critical course signified by ⚠ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ⚠ MAT 267: Calculus for Engineers III (MA) | 3 | C | <ul style="list-style-type: none"> • SESE will accept Calculus with Analytic Geometry I, II and III (MAT 270/271/272) in place of MAT 265/266/267. • SESE requires first and second-year students to seek faculty mentoring at least once during the academic year. Each student will be assigned a SESE faculty mentor. Students can find their faculty mentor on the SESE advising website. |
| BIO 182: General Biology II (SG) | 4 | C | |
| GLG 321: Mineralogy | 3 | C | |
| Science and Society Elective | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| ⚠ Milestone: Complete SESE faculty mentoring. | | | |
| Term hours subtotal: | 16 | | |

| Term 5 58 - 74 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ Upper Division Astrobiology & Biogeosciences Major Electives | 3 | C | <ul style="list-style-type: none"> • Students should start meeting with faculty to discuss research opportunities |
| PHY 121: University Physics I: Mechanics (SQ) AND PHY 122: University Physics Laboratory I (SQ) | 4 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 6 74 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ GLG 481: Geochemistry | 3 | C | <ul style="list-style-type: none"> • Explore a research or internship opportunity. In order to earn credits for research or an internship, students should work with their SESE advisor for approval. Students who hope to go to graduate school should consider getting involved in research. Students should talk to faculty mentors about how to find research opportunities. • Research career opportunities. • Students interested in graduate school should be researching programs and preparing application materials. Continue to meet with faculty for input along the way. • Students should meet with an advisor to do a graduation check. |
| PHY 131: University Physics II: Electricity and Magnetism (SQ) AND PHY 132: University Physics Laboratory II (SQ) | 4 | C | |
| SES 311: Essentials of Astrobiology: Exploration for Life in the Universe | 3 | C | |
| Upper Division Elective OR SES 484: Internship OR SES 499: Individualized Instruction | 3 | | |
| Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ SES 410: Senior Exploration Project I | 3 | C | <ul style="list-style-type: none"> • Students interested in graduate school should be researching programs and preparing |
| Upper Division Astrobiology & Biogeosciences Major Electives | 3 | C | |

| | | |
|--|----|---|
| Upper Division Science and Society Elective | 3 | C |
| Upper Division Literacy and Critical Inquiry (L) | 3 | |
| Upper Division Elective | 3 | |
| Term hours subtotal: | 15 | |

application materials. Continue to meet with faculty for input along the way.

- Apply for **full-time career opportunities**.
- If not already completed, students should meet with an advisor to do a graduation check.

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ SES 411: Senior Exploration Project II | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Complete 3 courses: | 9 | | |
| Upper Division Elective | | | |
| Term hours subtotal: | 15 | | |

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

| Upper Division Astrobiology & Biogeosciences Major Electives |
|--|
| AST 321: Introduction to Planetary and Stellar Astrophysics (SQ) |
| BIO 320: Fundamentals of Ecology |
| BIO 340: General Genetics |
| BIO 345: Evolution |
| GLG 404: Fundamentals of Planetary Geology |
| GLG 430: Paleontology |
| GLG 435: Sedimentology and Stratigraphy |
| GLG 460: Astrobiology |
| GLG 485: Meteorites and Cosmochemistry |
| GLG 489: Field Geochemistry (L) |
| GLG 490: Remote Sensing |
| SES 350: Engineering Systems and Experimental Problem Solving |

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map






Earth and Space Exploration (Astrophysics), BS





School/College: [The College of Liberal Arts and Sciences](#)

Location: [Tempe campus](#)

LASESABS

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  MAT 270: Calculus with Analytic Geometry I (MA) | 4 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • LIA 101 is mandatory for all first-year students. • SESE will accept Calculus for Engineers I, II and III (MAT 265/266/267) as alternatives although MAT 270, 271 and 272 are encouraged. • SESE requires first and second-year students to seek faculty mentoring at least once during the academic year. Each student will be assigned a SESE faculty mentor. Students can find their faculty mentor on the SESE advising website. • Select your career interest area and play me3@ASU. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| SES 121: Earth, Solar System and Universe (SQ) AND SES 123: Earth, Solar System and Universe Laboratory (SQ) | 4 | C | |
| SES 191: Exploring SESE | 1 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 16 | | |





| Term 2 16 - 31 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  MAT 271: Calculus with Analytic Geometry II (MA) | 4 | C | <ul style="list-style-type: none"> • SESE will accept Calculus for Engineers I, II and III (MAT 265/266/267) as alternatives although MAT 270, 271 and 272 are encouraged. • SESE will accept PHY 121/122 and PHY 131/132 as alternatives although PHY 150 and PHY 151 are encouraged. • SESE requires first and second-year students to seek faculty mentoring at least once during the academic year. Each student will be assigned a SESE faculty mentor. Students can find their faculty mentor on the SESE advising website. • Join a student club or professional organization. |
|  PHY 150: Physics I (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| SES 126: Exploration of the Universe AND SES 128: Exploration of the Universe Lab | 4 | C | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Milestone: Complete SESE faculty mentoring. | | | |
| Term hours subtotal: | 15 | | |

| Term 3 31 - 45 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  MAT 272: Calculus with Analytic Geometry III (MA) | 4 | C | <ul style="list-style-type: none"> • SESE will accept Calculus for Engineers I, II and III (MAT 265/266/267) as alternatives although MAT 270, 271 and 272 are encouraged. |
|  PHY 151: Physics II (SQ) | 4 | C | |
| SES 230: Coding for Exploration (CS) | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
|  Complete First-Year Composition requirement. | | | |





Complete Mathematics (MA) requirement.



Term hours subtotal: 14

- SESE will accept PHY 121/122 and PHY 131/132 as alternatives although PHY 150 and PHY 151 are encouraged.
- SESE requires first and second-year students to seek faculty mentoring at least once during the academic year. Each student will be assigned a SESE faculty mentor. Students can find their faculty mentor on the [SESE advising website](#).
- Develop your [skills](#).

| Term 4 45 - 61 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  PHY 201: Mathematical Methods in Physics I (CS) | 3 | C | <ul style="list-style-type: none"> • SESE requires first and second-year students to seek faculty mentoring at least once during the academic year. Each student will be assigned a SESE faculty mentor. Students can find their faculty mentor on the SESE advising website. |
|  PHY 252: Physics III (SQ) | 4 | C | |
| Science and Society Elective | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
|  Milestone: Complete SESE faculty mentoring. | | | |
| Term hours subtotal: | 16 | | |

| Term 5 61 - 76 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  AST 321: Introduction to Planetary and Stellar Astrophysics (SQ) | 3 | C | <ul style="list-style-type: none"> • Students should meet with faculty to discuss research opportunities |
| MAT 275: Modern Differential Equations (MA) | 3 | C | |
| PHY 314: Quantum Physics I | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 76 - 91 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  AST 322: Introduction to Galactic and Extragalactic Astrophysics (SQ) | 3 | C | <ul style="list-style-type: none"> • Explore an internship. In order to earn credits for an internship, students should work with their SESE advisor for approval. Students who hope to go to graduate school should consider getting involved in research. Students can talk to faculty mentors about how to find research opportunities. • Students interested in graduate school should be researching programs and preparing application materials. Continue to meet with faculty for input along the way. • Students should meet with an advisor to do a graduation check. • Research career opportunities. |
|  AST 421: Astrophysics I | 3 | C | |
| Upper Division Astrophysics Major Elective | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective OR SES 484: Internship OR SES 499: Individualized Instruction | 3 | | |
|  Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 91 - 106 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  AST 422: Astrophysics II | 3 | C | <ul style="list-style-type: none"> • Students interested in graduate school should be researching programs and preparing application materials. Continue to meet with faculty for input along the way. |
|  SES 410: Senior Exploration Project I | 3 | C | |
| AST 498: Pro-Seminar | 1 | C | |

| | |
|---|----|
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 |
| <hr/> | |
| Complete 2 courses: Elective | 5 |
| <hr/> | |
| Term hours subtotal: | 15 |

- If not already completed, students should meet with an advisor to do a graduation check.
- Apply for full-time career opportunities.

| Term 8 106 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ SES 411: Senior Exploration Project II | 3 | C | |
| Upper Division Science and Society Elective | 3 | C | |
| <hr/> | | | |
| Complete 3 courses: Upper Division Elective | 8 | | |
| <hr/> | | | |
| Term hours subtotal: | 14 | | |

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.
- The suggested list of electives are highly recommended but not required. Students who plan to take the physics GRE are encouraged to choose electives from the PHY options. There is also an option to choose an elective in other GLG, AST, SES, PHY or MAT areas as long as the subject is relevant to astrophysics and the course is upper-division. Students should consult with a SESE advisor if they have questions about which courses would satisfy this requirement.

Hide Course List(s)/Track Group(s)

| |
|--|
| Upper Division Astrophysics Major Elective |
| GLG OR AST OR SES OR PHY OR MAT Upper Division Elective |
| <hr/> |
| GLG 404: Fundamentals of Planetary Geology |
| <hr/> |
| PHY 302: Mathematical Methods in Physics II |
| <hr/> |
| PHY 310: Classical Particles Fields and Matter I |
| <hr/> |
| PHY 311: Classical Particles Fields and Matter II |
| <hr/> |
| PHY 312: Mechanics and Electromagnetism |
| <hr/> |
| PHY 315: Quantum Physics II |
| <hr/> |
| PHY 361: Introductory Modern Physics |
| <hr/> |
| PHY 441: Statistical and Thermal Physics |
| <hr/> |
| SES 311: Essentials of Astrobiology: Exploration for Life in the Universe |
| <hr/> |
| SES 350: Engineering Systems and Experimental Problem Solving |
| <hr/> |

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map






Earth and Space Exploration (Exploration Systems Design), BS


School/College: [The College of Liberal Arts and Sciences](#)

Location: [Tempe campus](#)

LASESESDBS

| Term 1 0 - 15 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  MAT 265: Calculus for Engineers I (MA) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • LIA 101 is mandatory for all incoming first-year students. • SESE will accept Calculus with Analytic Geometry I, II and III (MAT 270/271/272) in place of MAT 265/266/267. • SESE requires first and second-year students to seek faculty mentoring at least once during the academic year. Each student will be assigned a SESE faculty mentor. Students can find their faculty mentor on the SESE advising website. • Select your career interest area and play me3@ASU. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| SES 100: Introduction to Exploration (CS) | 3 | C | |
| SES 121: Earth, Solar System and Universe (SQ) AND SES 123: Earth, Solar System and Universe Laboratory (SQ) | 4 | C | |
| SES 191: Exploring SESE | 1 | C | |
| Term hours subtotal: | 15 | | |

| Term 2 15 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  MAT 266: Calculus for Engineers II (MA) | 3 | C | <ul style="list-style-type: none"> • SESE will accept Calculus with Analytic Geometry I, II and III (MAT 270/271/272) in place of MAT 265/266/267. • Students in this major have a choice between taking SES 122/SES 124 or SES 126/SES 128 in their second semester. SES 122/124 has an earth-based focus and SES 126/128 has a space-based focus. Students should take SES 122/SES 124 if they are interested in exploring the Earth and other objects in our solar system, or take SES 126/SES 128 if their interests are in exploration outside of the solar system. • SESE requires first and second-year students to seek faculty mentoring at least once during the academic year. Each student will be assigned a SESE faculty mentor. Students can find their faculty mentor on the SESE advising website. • Join a student club or professional organization. |
|  PHY 121: University Physics I: Mechanics (SQ) AND PHY 122: University Physics Laboratory I (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| SES 122: History of the Earth and Solar System AND SES 124: History of the Earth and Solar System Laboratory OR SES 126: Exploration of the Universe AND SES 128: Exploration of the Universe Lab | 4 | C | |
| Elective | 1 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Milestone: Complete SESE faculty mentoring. | | | |
| Term hours subtotal: | 15 | | |

| Term 3 30 - 46 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  MAT 267: Calculus for Engineers III (MA) | 3 | C | |

| | | |
|--|----|---|
| ⚠ MAT 275: Modern Differential Equations (MA) | 3 | C |
| ⚠ PHY 131: University Physics II: Electricity and Magnetism (SQ) AND PHY 132: University Physics Laboratory II (SQ) | 4 | C |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | |
| Elective | 3 | |
| ⚠ Complete First-Year Composition requirement. | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 16 | |

- SESE will accept Calculus with Analytic Geometry I, II and III (MAT 270/271/272) in place of MAT 265/266/267.
- SESE requires first and second-year students to seek faculty mentoring at least once during the academic year. Each student will be assigned a SESE faculty mentor. Students can find their faculty mentor on the [SESE advising website](#).
- Develop your **skills**.

| Term 4 46 - 60 Credit Hours Critical course signified by ⚠ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ⚠ EEE 202: Circuits I | 4 | C | <ul style="list-style-type: none"> • SESE requires first and second-year students to seek faculty mentoring at least once during the academic year. Each student will be assigned a SESE faculty mentor. Students can find their faculty mentor on the SESE advising website. |
| ⚠ MAE 201: Mechanics of Particles and Rigid Bodies I: Statics | 3 | C | |
| CHM 114: General Chemistry for Engineers (SQ) | 4 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| ⚠ Milestone: Complete SESE faculty mentoring. | | | |
| Term hours subtotal: | 14 | | |

| Term 5 60 - 76 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ SES 330: Practical Electronics and Instrumentation | 4 | C | <ul style="list-style-type: none"> • Students should start meeting with faculty advisor to discuss research opportunities. |
| ★ SES 350: Engineering Systems and Experimental Problem Solving | 3 | C | |
| Science and Society Elective | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 6 76 - 91 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ SES 405: Exploration Systems Engineering | 3 | C | <ul style="list-style-type: none"> • Explore a research or internship opportunity. In order to earn credits for research or an internship, students should work with their SESE advisor for approval. Students who hope to go to graduate school should consider getting involved in research. Students can talk to faculty mentors about how to find research opportunities. • Students interested in graduate school should be researching programs and preparing application materials. Continue to meet with faculty advisor for input along the way. • Students should meet with an advisor to do a graduation check. • Research career opportunities. |
| Upper Division Exploration Systems Design Concentration Elective | 3 | C | |
| Upper Division Science and Society Elective | 3 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Upper Division Elective OR SES 484: Internship OR SES 499: Individualized Instruction | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 91 - 106 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ SES 410: Senior Exploration Project I | 3 | C | <ul style="list-style-type: none"> • Students interested in graduate school should be researching programs and preparing application materials. Continue to meet with faculty advisor for input along the way. |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |

Complete 2 courses:
Upper Division Elective

6

Term hours subtotal: 15

- If not already completed, students should meet with an advisor to do a graduation check.
- Apply for **career opportunities**.

| Term 8 106 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ SES 411: Senior Exploration Project II | 3 | C | |
| Complete 3 courses: Upper Division Elective | 8 | | |
| Elective | 3 | | |
| Term hours subtotal: | 14 | | |

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

Exploration Systems Design Concentration
Elective

AST 321: Introduction to Planetary and Stellar Astrophysics (SQ)

AST 322: Introduction to Galactic and Extragalactic Astrophysics (SQ)

GLG 321: Mineralogy

GLG 404: Fundamentals of Planetary Geology

GLG 424: Petrology

GLG 471: Hydrology

SES 311: Essentials of Astrobiology:
Exploration for Life in the Universe

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.












2020 - 2021 Major Map

Earth and Space Exploration (Geological Sciences), BS

School/College: [The College of Liberal Arts and Sciences](#)

Location: [Tempe campus](#)

LASESGSBS

| Term 1 0 - 15 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  Mathematics (MA) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • LIA 101 is mandatory for all incoming first-year students. • SESE will accept Calculus with Analytic Geometry I, II and III (MAT 270/271/272) in place of MAT 265/266/267. • SESE requires first and second-year students to seek faculty mentoring at least once during the academic year. Each student will be assigned a SESE faculty mentor. Students can find their faculty mentor on the SESE advising website. • Select your career interest area and play me3@ASU. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| SES 121: Earth, Solar System and Universe (SQ) AND SES 123: Earth, Solar System and Universe Laboratory (SQ) | 4 | C | |
| SES 191: Exploring SESE | 1 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 15 | | |
| | | | |
| Term 2 15 - 29 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  CHM 113: General Chemistry I (SQ) | 4 | C | <ul style="list-style-type: none"> • SESE will accept Calculus with Analytic Geometry I, II and III (MAT 270/271/272) in place of MAT 265/266/267. • SESE requires first and second-year students to seek faculty mentoring at least once during the academic year. Each student will be assigned a SESE faculty mentor. Students can find their faculty mentor on the SESE advising website. • Join a student club or professional organization. |
|  MAT 265: Calculus for Engineers I (MA) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| SES 122: History of the Earth and Solar System AND SES 124: History of the Earth and Solar System Laboratory | 4 | C | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Milestone: Complete SESE faculty mentoring. | | | |
| Term hours subtotal: | 14 | | |
| | | | |
| Term 3 29 - 45 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  CHM 116: General Chemistry II (SQ) | 4 | C | <ul style="list-style-type: none"> • SESE will accept Calculus with Analytic Geometry I, II and III (MAT 270/271/272) in place of MAT 265/266/267. • SESE requires first and second-year students to seek faculty mentoring at least once during the academic year. Each student will be assigned a SESE faculty mentor. Students can find their faculty mentor on the SESE advising website. • Develop your skills. |
|  MAT 266: Calculus for Engineers II (MA) | 3 | C | |
| SES 230: Coding for Exploration (CS) | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Elective | 3 | | |
|  Complete First-Year Composition requirement. Complete Mathematics (MA) requirement. | | | |

Term hours subtotal: 16

| Term 4 45 - 61 Credit Hours Critical course signified by ⚠ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ⚠ MAT 267: Calculus for Engineers III (MA) | 3 | C | <ul style="list-style-type: none"> • SESE will accept Calculus with Analytic Geometry I, II and III (MAT 270/271/272) in place of MAT 265/266/267. • SESE requires first and second-year students to seek faculty mentoring at least once during the academic year. Each student will be assigned a SESE faculty mentor. Students can find their faculty mentor on the SESE advising website. • Students should note that upcoming capstone classes, GLG 451 (offered in spring) and GLG 452 (offered in summer), are field-based and have additional course fees. |
| ⚠ PHY 121: University Physics I: Mechanics (SQ) AND PHY 122: University Physics Laboratory I (SQ) | 4 | C | |
| Science and Society Elective | 3 | C | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Elective | 3 | | |
| ⚠ Milestone: Complete SESE faculty mentoring. | | | |
| Term hours subtotal: | 16 | | |

| Term 5 61 - 77 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ GLG 310: Structural Geology | 3 | C | <ul style="list-style-type: none"> • Students need two GLG branch courses (6 credits) and three upper division GLG or SES electives (9 credits). Electives may be chosen from the branch course list or students may take any other upper division GLG or SES courses offered by the School of Earth and Space Exploration. • Students should meet with faculty advisor to discuss research opportunities. • Students should note that upcoming capstone classes, GLG 451 (offered in spring) and GLG 452 (offered in summer), are field-based and have additional course fees. |
| PHY 131: University Physics II: Electricity and Magnetism (SQ) AND PHY 132: University Physics Laboratory II (SQ) | 4 | C | |
| Upper Division Science and Society Elective | 3 | C | |
| GLG OR SES Upper Division Elective | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 6 77 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ GLG 321: Mineralogy | 3 | C | <ul style="list-style-type: none"> • Explore a research or internship opportunity. In order to earn credits for research or an internship, students should work with their SESE advisor for approval. Students who hope to go to graduate school should consider getting involved in research. Students should talk to faculty mentors about how to find research opportunities. • Students interested in graduate school should be researching programs and preparing application materials. Continue to meet with faculty advisor for input along the way. • Research career opportunities. |
| ★ GLG 451: Field Geology I (L) | 3 | C | |
| SES 401: Earth and Space Exploration Colloquium | 1 | C | |
| GLG OR SES Upper Division Elective | 3 | C | |
| Upper Division Elective OR SES 484: Internship OR SES 499: Individualized Instruction | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 13 | | |

| Summer 6 90 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ GLG 452: Field Geology II (L) | 3 | C | |
| Term hours subtotal: | 3 | | |

| | | Minimum | |
|--|--|---------|--|
|--|--|---------|--|

| Term 7 93 - 108 Credit Hours Necessary course signified by ★ | Hours | Grade | Notes |
|---|-------|-------|---|
| ★ Upper Division GLG Branch Courses | 3 | C | <ul style="list-style-type: none"> • Students interested in graduate school should be researching programs and preparing application materials. Continue to meet with faculty advisor for input along the way. • Apply for career opportunities. |
| GLG OR SES Upper Division Elective | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Complete 2 courses: Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ Upper Division GLG Branch Courses | 3 | C | |
| Complete 3 courses: Upper Division Elective | 8 | | |
| Elective | 1 | | |
| Term hours subtotal: | 12 | | |

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

| GLG Branch Courses |
|---|
| GLG 362: Geomorphology |
| GLG 418: Geophysics |
| GLG 424: Petrology |
| GLG 430: Paleontology |
| GLG 435: Sedimentology and Stratigraphy |
| GLG 471: Hydrology |
| GLG 481: Geochemistry |

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum

General University Requirements Legend

- General Studies Core Requirements:
- Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map




Economics, BS





School/College: The College of Liberal Arts and Sciences


Location: Tempe campus

LAECNBS

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  Mathematics (MA) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course. • LIA 101 is required of all first-year students. • Students can choose to complete Humanities (HU) and Historical Awareness (H) separately. • Students placing into MAT 210 or MAT 270 should take one of those courses in term 1. If not, students should select a prerequisite course. Students should not take MAT 142. • Students considering graduate work in economics should choose MAT 270 or a prerequisite course. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Complete 2 courses: Elective | 6 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  MAT 270: Calculus with Analytic Geometry I (MA) OR MAT 210: Brief Calculus (MA) | 3-4 | C | <ul style="list-style-type: none"> • Students considering graduate work in economics should select MAT 270 instead of MAT 210. • Select your career interest area and play the game me3@ASU. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 4 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 14-15 | | |

| Term 3 30 - 45 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB) | 3 | C | <ul style="list-style-type: none"> • Students considering graduate work in economics should select MAT 271 instead of MAT 211. • Many upper-division related area courses have prerequisites that can be completed as electives in terms 3, 4, and 5. • Visit the Career and Professional Development Center to identify networking opportunities and to seek career planning assistance. |
|  MAT 271: Calculus with Analytic Geometry II (MA) OR MAT 211: Mathematics for Business Analysis | 3-4 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Elective | 2 | | |
|  Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 15-16 | | |

| Term 4 45 - 60 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|--|----|---|
| ❖ ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB) | 3 | C |
| ❖ ECN 221: Business Statistics (CS) OR STP 226: Elements of Statistics (CS) OR STP 420: Introductory Applied Statistics (CS) | 3 | C |
| Science and Society Elective | 3 | C |
| Global Awareness (G) | 3 | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | |
| Term hours subtotal: | 15 | |

- Students can choose to satisfy Humanities (HU) and Cultural Diversity in the U.S. (C) requirements separately.
- Attend career related workshops and meet with a career counselor to discuss professional goals.

| Term 5 60 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ ECN 312: Intermediate Microeconomic Theory (SB) | 3 | C | |
| Upper Division Science and Society Elective | 3 | C | |
| ECN Upper Division Elective | 3 | C | |
| Complete 2 courses: Upper Division Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ ECN 313: Intermediate Macroeconomic Theory (SB) | 3 | C | |
| ECN 410: Applied Regression Analysis and Forecasting OR ECN 425: Introduction to Econometrics | 3 | C | |
| Related Area Course | 3 | C | |
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

- Complete an **internship** to develop job-related skills and connections.
- Use Handshake to research **employment opportunities**

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ ECN 4** Elective | 3 | C | |
| Related Area Course | 3 | C | |
| ECN Upper Division Elective | 3 | C | |
| Upper Division Elective OR LIA 484: Internship OR ECN 484: Internship | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

- Attend a **career** or **graduate** education fair.

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ ECN 475: Capstone in Economics (L) | 3 | C | |
| ECN 4** Elective | 3 | C | |
| Complete 2 courses: Upper Division Elective | 6 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

- Finalize future educational or **career** plans.

- Students must earn a C or better in all related area courses. Many upper-division related area courses have prerequisites that can be completed as electives.
- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

| Related Area Courses |
|--|
| ACC Elective |
| AGB Upper Division Elective |
| ASB Upper Division Elective |
| CIS Elective |
| ENG 301: Writing for the Professions (L) |
| FIN Upper Division Elective |
| GCU Upper Division Elective |
| GIS Upper Division Elective |
| HPS Upper Division Elective |
| HST Upper Division Elective |
| LES Upper Division Elective |
| LIA 484: Internship |
| MAT Upper Division Elective |
| MKT Upper Division Elective |
| NLM Upper Division Elective |
| PAF Elective |
| PHI Upper Division Elective |
| POS Upper Division Elective |
| PSY 304: Effective Thinking (L) |
| PSY 350: Social Psychology (SB) |
| PSY 4** Elective |
| PUP Upper Division Elective |
| REA Upper Division Elective |
| SCM Upper Division Elective |
| SGS Upper Division Elective |
| SOC 324: Work and the Workplace (SB & H) |

SOC 331: Environmental Sociology (SB & G)

SOC 333: Population (SB & G)

SOC 339: Grassroots Social Movements (SB)

SOC 350: Inequality and Diversity in
Education (L & C)

SOC 352: Social Change (SB & G & H)

SOC 4** Elective

SOS Upper Division Elective

STP Upper Division Elective

USL 410: Service Learning: Diverse
Community Issues (L & C)

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.

2020 - 2021 Major Map

Economics, BS

School/College: [The College of Liberal Arts and Sciences](#)

Location: [Online](#)

LAECNBS

| Term 1 - A 0 - 7 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| Mathematics (MA) | 3 | C | <ul style="list-style-type: none"> Mathematics Placement Assessment score determines placement in mathematics course. Students placing into MAT 210 should take this course in Term 1-A. If not, students should select a prerequisite course. Students should not take MAT 142. An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition course. ASU 101 or college-specific equivalent First-Year Seminar is required of all first-year students. |
| ASU 101-UC: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 13 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | <ul style="list-style-type: none"> View ASU Online first-year student registration information here. Students may choose to complete Humanities (HU) and Historical Awareness (H) requirements separately. Many upper-division related area courses have prerequisites that can be completed as electives in earlier terms. Select your career interest area and play me@ASU. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 2 - A 13 - 19 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| MAT 210: Brief Calculus (MA) | 3 | C | <ul style="list-style-type: none"> Review the Career Guide for ASU Online Students to learn about available career planning resources. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 2 - B 19 - 26 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 7 | | |

| Term 3 - A 26 - 32 Credit Hours Critical course signified by | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|--|---|---|
| ❖ ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB) | 3 | C |
| Elective | 3 | |
| Term hours subtotal: | 6 | |

- Many upper-division related area courses have prerequisites that can be completed as electives in earlier terms.
- Register for a [Handshake](#) account and participate in [virtual career advising](#).

| Term 3 - B 32 - 38 Credit Hours Critical course signified by ❖ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ❖ MAT 211: Mathematics for Business Analysis | 3 | C | |
| Elective | 3 | | |
| ❖ Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 6 | | |

| Term 4 - A 38 - 44 Credit Hours Critical course signified by ❖ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ❖ ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB) | 3 | C | <ul style="list-style-type: none"> • Many upper-division related area courses have prerequisites that can be completed as electives in earlier terms. • Create a first draft resume. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 4 - B 44 - 50 Credit Hours Critical course signified by ❖ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ❖ ECN 221: Business Statistics (CS) OR STP 226: Elements of Statistics (CS) | 3 | C | <ul style="list-style-type: none"> • Develop your professional online presence. • Build your professional connections -- join the ASU Mentor Network. |
| Global Awareness (G) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - A 50 - 57 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | <ul style="list-style-type: none"> • Humanities (HU) and Cultural Diversity in the U.S. (C) requirements may be completed separately. |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 5 - B 57 - 63 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ Science and Society Elective | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - A 63 - 69 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ ECN 312: Intermediate Microeconomic Theory (SB) | 3 | C | <ul style="list-style-type: none"> • View career webinars offered by Career and Professional Development Center. |
| Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 69 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| Upper Division Science and Society Elective | 3 | C | |
| ECN Upper Division Elective | 3 | C | |

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal: 6

| Term 7 - A 75 - 81 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | | |
|---|---|---|-----------------------------------|
| ★ ECN 313: Intermediate Macroeconomic Theory (SB) | 3 | C | • Gather professional references. |
| Upper Division Elective | 3 | | |

Term hours subtotal: 6

| Term 7 - B 81 - 87 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | | |
|--|---|---|--|
| ★ ECN 410: Applied Regression Analysis and Forecasting | 3 | C | • Expand, refine and polish your resume. |
| Related Area Course | 3 | C | |

Term hours subtotal: 6

| Term 8 - A 87 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | | |
|-------------------------|---|---|--|
| ★ ECN 4** Elective | 3 | C | • Explore an internship. • Complete a virtual practice interview. |
| Upper Division Elective | 3 | | |

Term hours subtotal: 6

| Term 8 - B 93 - 99 Credit Hours | Hours | Minimum Grade | Notes |
|---------------------------------|-------|---------------|-------|
|---------------------------------|-------|---------------|-------|

| | | | |
|-------------------------|---|---|--|
| Related Area Course | 3 | C | |
| Upper Division Elective | 3 | | |

Term hours subtotal: 6

| Term 9 - A 99 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | | |
|--------------------|---|---|--|
| ★ ECN 4** Elective | 3 | C | |
| Elective | 3 | | |

Term hours subtotal: 6

| Term 9 - B 105 - 111 Credit Hours | Hours | Minimum Grade | Notes |
|-----------------------------------|-------|---------------|-------|
|-----------------------------------|-------|---------------|-------|

| | | | |
|-----------------------------|---|---|---|
| ECN Upper Division Elective | 3 | C | • Use Handshake to research employment opportunities. |
| Upper Division Elective | 3 | | |

Term hours subtotal: 6

| Term 10 - A 111 - 117 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | | |
|--------------------------------------|---|---|---|
| ★ ECN 475: Capstone in Economics (L) | 3 | C | • Apply for full-time career opportunities. |
| Upper Division Elective | 3 | | |

Term hours subtotal: 6

| Term 10 - B 117 - 120 Credit Hours | Hours | Minimum Grade | Notes |
|------------------------------------|-------|---------------|-------|
|------------------------------------|-------|---------------|-------|

| | | | |
|-------------------------|---|--|--|
| Upper Division Elective | 3 | | |
|-------------------------|---|--|--|

Term hours subtotal: 3

- Students must earn a C or better in all related area courses. Many upper-division related area courses have prerequisites that can be completed as electives.
- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

| Related Area Courses |
|--|
| ACC Elective |
| AGB Upper Division Elective |
| ASB Upper Division Elective |
| CIS Elective |
| ENG 301: Writing for the Professions (L) |
| FIN Upper Division Elective |
| GCU Upper Division Elective |
| GIS Upper Division Elective |
| HST Upper Division Elective |
| LES Upper Division Elective |
| MAT Upper Division Elective |
| MKT Upper Division Elective |
| PAF Elective |
| PHI Upper Division Elective |
| POS Upper Division Elective |
| PSY 304: Effective Thinking (L) |
| PSY 350: Social Psychology (SB) |
| PSY 4** Elective |
| PUP Upper Division Elective |
| SCM Upper Division Elective |
| SGS Upper Division Elective |
| SOC 324: Work and the Workplace (SB & H) |
| SOC 4** Elective |
| SOS Upper Division Elective |

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map




Economics (Politics and the Economy), BS





School/College: The College of Liberal Arts and Sciences


Location: Tempe campus

LAECNPECBS

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  Mathematics (MA) | 3 | C | <ul style="list-style-type: none"> An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses LIA 101 is required of all first-year students. Mathematics Placement Assessment score determines placement in mathematics course. Students placing into MAT 210 or MAT 270 should take one of those courses in term 1. If not, students should select a prerequisite course. Students should not take MAT 142. Students considering graduate work in economics should choose MAT 270 or prerequisite course. Students can choose to complete Humanities (HU) and Historical Awareness (H) separately. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| <i>Complete 2 courses:</i> Elective | 6 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  MAT 270: Calculus with Analytic Geometry I (MA) OR MAT 210: Brief Calculus (MA) | 3-4 | C | <ul style="list-style-type: none"> Students considering graduate work in economics should select MAT 270 instead of MAT 210. Select your career interest area and play the game me3@ASU. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 4 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 14-15 | | |

| Term 3 30 - 45 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB) | 3 | C | <ul style="list-style-type: none"> Students considering graduate work in economics should select MAT 271 instead of MAT 211. Visit the Career and Professional Development Center to identify networking opportunities and to seek career planning assistance. |
|  MAT 271: Calculus with Analytic Geometry II (MA) OR MAT 211: Mathematics for Business Analysis | 3-4 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| <i>Complete 2 courses:</i> Elective | 5 | | |
|  Complete First-Year Composition requirement. Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 15-16 | | |

| Term 4 45 - 60 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|--|----|---|
| ❖ ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB) | 3 | C |
| ❖ ECN 221: Business Statistics (CS) OR STP 226: Elements of Statistics (CS) OR STP 420: Introductory Applied Statistics (CS) | 3 | C |
| Science and Society Elective | 3 | C |
| Global Awareness (G) | 3 | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | |
| Term hours subtotal: | 15 | |

- Students can choose to satisfy Humanities (HU) and Cultural Diversity in the U.S. (C) requirements separately.
- Students may choose to combine the Global Awareness (G) with a concentration elective or ECN upper-division course.
- Attend career related workshops and **meet** with a career counselor.

| Term 5 60 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ ECN 312: Intermediate Microeconomic Theory (SB) | 3 | C | <ul style="list-style-type: none"> • Join Handshake and research career and internship opportunities. |
| Upper Division Science and Society Elective | 3 | C | |
| Concentration Elective | 3 | C | |
| ECN Upper Division Elective | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ ECN 313: Intermediate Macroeconomic Theory (SB) | 3 | C | <ul style="list-style-type: none"> • Complete an internship to develop job-related skills and connections. • Use Handshake to research employment opportunities. |
| ★ ECN 441: Public Economics (SB) OR ECN 453: Industrial Organization and Competition Policy | 3 | C | |
| Concentration Elective | 3 | C | |
| Complete 2 courses: Upper Division Elective | 6 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ ECN 441: Public Economics (SB) OR ECN 453: Industrial Organization and Competition Policy | 3 | C | <ul style="list-style-type: none"> • Attend a career or graduate education fair. |
| ECN 410: Applied Regression Analysis and Forecasting OR ECN 425: Introduction to Econometrics | 3 | C | |
| POS 348: Do You Want to Build a Nation? (L) | 3 | C | |
| Upper Division Elective OR LIA 484: Internship OR ECN 484: Internship | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ ECN 475: Capstone in Economics (L) | 3 | C | <ul style="list-style-type: none"> • Finalize future educational or career plans. |
| ECN 345: Survey of Environmental and Resource Economics OR ECN 355: Economics of Healthcare OR ECN 445: Environmental Economics OR ECN 455: Health Economics | 3 | C | |
| Concentration Elective | 3 | C | |
| Complete 2 courses: Upper Division Elective | 6 | | |
| | | | |

Term hours subtotal: 15

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.
- Complete a minimum of three concentration electives. Concentration areas include U.S. Government, Politics, and Law. Select three courses from one area or select two from one area and a third from a different area.

Hide Course List(s)/Track Group(s)

| Politics Concentration Electives | Law Concentration Electives | U.S. Government Concentration Electives |
|--|--|--|
| POS 150: Comparative Government (SB & G) or POS 350: Comparative Politics (SB & G) | POS 270: American Legal System (SB) | POS 110: American Government and Politics (SB) or POS 310: American National Government (SB) |
| POS 160: Global Politics (SB & G) or POS 360: World Politics (SB & G) | POS 313: The Congress (SB) | POS 216: State and Local Government (SB) |
| POS 210: Political Ideologies (SB) | POS 315: The Supreme Court (SB) | POS 230: Current Issues in National Politics (L or SB) |
| POS 240: Introduction to Southeast Asia ((HU or SB) & G) | POS 368: Ethics and Human Rights | POS 270: American Legal System (SB) |
| POS 247: Introduction to Latin American Politics (SB & G) | POS 370: Law and Society (SB) | POS 313: The Congress (SB) |
| POS 260: Current Issues in International Politics ((L or SB) & G) | POS 465: International Organization and Law (SB & G) | POS 314: The American Presidency (SB) |
| POS 300: Contemporary Global Controversies (SB & G) | POS 471: Constitutional Law I (SB) | POS 315: The Supreme Court (SB) |
| POS 301: Empirical Political Inquiry (SB) | POS 472: Constitutional Law II (SB) | POS 410: Governing American Cities (SB) |
| POS 331: Public Opinion (SB) | POS 480: Global Justice (G) | |
| POS 332: American Political Parties (SB) | | |
| POS 336: Voters in America (SB) | | |
| POS 339: Grassroots Social Movements (SB) | | |
| POS 346: Problems of Democracy (HU) | | |
| POS 352: European Democracies | | |
| POS 353: Comparative Politics of the Middle East | | |
| POS 356: European Union (SB & G) | | |
| POS 359: African Politics and Society (SB & G) | | |
| POS 361: American Foreign Policy (SB & G) | | |
| POS 364: National Security Intelligence and Terrorism (SB) | | |

POS 367: World Politics and Global
Inequalities (G)

POS 417: Arizona Politics (SB)

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.

2020 - 2021 Major Map

English, BA




School/College: [The College of Liberal Arts and Sciences](#)




Location: [Online](#)



LAENGBA

FT Fast Track Option: 3 Year


A student must speak with an advisor in order to be added to a fast track plan.

| Term 1 - A 0 - 7 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses Mathematics Placement Assessment score determines placement in mathematics course ASU 101 or college-specific equivalent First-Year Seminar is required for all first-year students |
| ASU 101-UC: The ASU Experience | 1 | | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 13 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> View ASU Online first-year student registration information here. Select your career interest area and play me3@ASU. |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 2 - A 13 - 20 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  MAT 142: College Mathematics (MA) | 3 | C | <ul style="list-style-type: none"> ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. Join a student club or professional organization |
| Second Language: Requirement satisfied through the following: | | | |
| * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Term hours subtotal: | 7 | | |

| Term 2 - B 20 - 28 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| Second Language: Requirement satisfied through the following: | | | |
| * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 8 | | |

| Term 3 - A 28 - 35 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  ENG 200: Critical Reading and Writing About Literature (L or HU) | 3 | C | |

Second Language: Requirement satisfied through the following:
 * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.

4 C

Term hours subtotal: 7

| Term 3 - B 35 - 42 Credit Hours | Hours | Minimum Grade | Notes |
|---------------------------------|-------|---------------|-------|
|---------------------------------|-------|---------------|-------|

Second Language: Requirement satisfied through the following:
 * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.

4 C

ENG Elective 3 C

Complete Mathematics (MA) requirement.

Term hours subtotal: 7


| Term 4 - A 42 - 49 Credit Hours | Hours | Minimum Grade | Notes |
|---------------------------------|-------|---------------|-------|
|---------------------------------|-------|---------------|-------|

ENG Elective 3 C

Natural Science - General (SG) OR Natural Science - Quantitative (SQ) 4

• Explore an internship

Term hours subtotal: 7

| Term 4 - B 49 - 55 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

 ENG Elective 3 C

Computer/Statistics/Quantitative Applications (CS) 3

Term hours subtotal: 6

| Term 5 - A 55 - 61 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

 ENG Elective 3 C

Global Awareness (G) 3

Term hours subtotal: 6

| Term 5 - B 61 - 67 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

 ENG Upper Division Elective 3 C

Elective 3

Term hours subtotal: 6

| Term 6 - A 67 - 73 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

 ENG course (HU) 3 C

ENG Upper Division Elective 3 C


• Research employment opportunities

Term hours subtotal: 6

| Term 6 - B 73 - 79 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

ENG Upper Division Elective 3 C

ENG course (HU) 3 C

 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal: 6

| | | Minimum | |
|--|--|---------|--|
|--|--|---------|--|

| Term 7 - A 79 - 85 Credit Hours | Hours | Grade | Notes |
|---------------------------------|-------|-------|-------|
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 85 - 91 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ Complete 2 courses: ENG Upper Division Elective | 6 | C | • Apply for full-time career opportunities |
| Term hours subtotal: | 6 | | |

| Term 8 - A 91 - 97 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ ENG course (L) Upper Division | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 97 - 103 Credit Hours | Hours | Minimum Grade | Notes |
|----------------------------------|-------|---------------|-------|
| ENG Upper Division Elective | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - A 103 - 109 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ ENG Upper Division Elective | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - B 109 - 115 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| Complete 2 courses: Upper Division Elective | 6 | | |
| Term hours subtotal: | 6 | | |

| Term 10 - A 115 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 2 | | |
| Term hours subtotal: | 5 | | |

Hide Course List(s)/Track Group(s)

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map




English (Creative Writing), BA





School/College: [The College of Liberal Arts and Sciences](#)













Location: [Tempe campus](#)

LAENGCBA

| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. • Select your career interest area and play me3@ASU. |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • Minimum 3.00 GPA in English courses beyond first-year composition courses required • Join a student club or professional organization |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 44 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  ENG 200: Critical Reading and Writing About Literature (L or HU) | 3 | C | <ul style="list-style-type: none"> • Minimum 3.00 GPA in English courses beyond first-year composition courses required • Develop your skills |
|  ENG 287: Beginning Creative Writing Workshop in Poetry OR ENG 288: Beginning Creative Writing Workshop in Fiction | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 14 | | |

| Term 4 44 - 60 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  ENG 287: Beginning Creative Writing Workshop in Poetry OR ENG 288: Beginning Creative Writing Workshop in Fiction | 3 | C | <ul style="list-style-type: none"> • Minimum 3.00 GPA in English courses beyond first-year composition courses required |
| American Literature Course - 200 Level or Above | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Elective | 2 | | |
| Term hours subtotal: | 16 | | |
| Term 5 60 - 75 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|  ENG 387: Intermediate Creative Writing Workshop in Poetry: Form, Theory, and Practice OR ENG 388: Intermediate Creative Writing Workshop in Fiction: Form, Theory, and Practice | 3 | C | <ul style="list-style-type: none"> • Minimum 3.00 GPA in English courses beyond first-year composition courses required • Explore an internship |
| American Literature Course - 200 Level or Above | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Upper Division Elective | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |
| Term 6 75 - 90 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|  ENG 487: Advanced Creative Writing Workshop in Poetry OR ENG 488: Advanced Creative Writing Workshop in Fiction | 3 | B | <ul style="list-style-type: none"> • Minimum 3.25 GPA in English courses beyond first-year composition courses required • Research employment opportunities |
| <i>Complete 2 courses:</i> 3** (300) Level Literary Study Course | 6 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective | 3 | C | |
|  Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). Maintain 3.25 GPA in Major Courses. | | | |
| Term hours subtotal: | 15 | | |
| Term 7 90 - 105 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|  ENG 498: Capstone Fiction (L) OR ENG 498: Capstone Poetry (L) | 3 | B | <ul style="list-style-type: none"> • Minimum 3.25 GPA in English courses beyond first-year composition courses required • Apply for full-time career opportunities |
|  4** (400) Level Literary Studies Course | 3 | C | |
| ENG Upper Division Elective OR ENG 484: Internship | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Elective | 3 | C | |
| Maintain 3.25 GPA in Major Courses. | | | |
| Term hours subtotal: | 15 | | |
| Term 8 105 - 120 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|  4** (400) Level Literary Studies Course | 3 | C | |
| ENG Upper Division Elective | 3 | C | |

| | | |
|--|----|---|
| ENG Elective | 3 | C |
| Complete 2 courses: Upper Division Elective | 6 | C |
| Maintain 3.25 GPA in Major Courses. | | |
| Term hours subtotal: | 15 | |

- Minimum 3.25 GPA in English courses beyond first-year composition courses required.

Hide Course List(s)/Track Group(s)

| American Literature at 200 Level or Above | 300-Level Literary Study Course | 400-Level Literary Study Course |
|--|---|---|
| ENG 241: Literatures of the United States to 1860 ((L or HU) & C) | ENG 303: Classical Backgrounds of English Literature (HU) | ENG 400: History of Literary Criticism (L or HU) |
| ENG 242: Literatures of the United States 1860 to Present (HU) | ENG 315: Medieval Literature in Translation (HU) | ENG 401: Topics in Critical Theory |
| ENG 333: American Ethnic Literature ((L or HU) & C) | ENG 321: Shakespeare (L or HU) | ENG 415: Studies in Medieval Literature and Culture (HU) |
| ENG 335: American Poetry | ENG 325: Restoration and the 18th Century | ENG 416: Chaucer in Middle English (HU) |
| ENG 337: Major American Novels (L or HU) | ENG 326: English Drama 1660-1800 (HU) | ENG 418: Love Lust and Desire in Renaissance England (L or HU) |
| ENG 345: Selected Authors or Issues | ENG 328: The Novel to Jane Austen (HU & H) | ENG 418: Renaissance Literature (L or HU) |
| ENG 353: African American Literature: Beginnings through the Harlem Renaissance ((L or HU) & C) | ENG 329: 19th-Century British Fiction (L or HU) | ENG 421: Studies in Shakespeare (L or HU) |
| ENG 354: African American Literature: Harlem Renaissance to the Present ((L or HU) & C) | ENG 330: 19th-Century British Poetry | ENG 422: Special Topics in Shakespeare (HU) |
| ENG 359: Indigenous American Literature ((L or HU) & C) | ENG 333: American Ethnic Literature ((L or HU) & C) | ENG 423: Renaissance Drama (L or HU) |
| ENG 360: Western American Literature (L or HU) | ENG 335: American Poetry | ENG 424: Milton (HU) |
| ENG 363: Transborder Mexican and Chicano/a Literature of Southwest North America ((L or HU) & C) | ENG 337: Major American Novels (L or HU) | ENG 425: Studies in Romanticism (HU) |
| ENG 434: Studies in the Literature and Culture of the Americas (HU & C) | ENG 338: Protest Literature | ENG 426: British Culture and Empire |
| ENG 440: Studies in American Literature and Culture (HU) | ENG 342: 20th-Century British and Irish Literature (HU) | ENG 427: Studies in 18th-Century Literature and Culture (HU) |
| ENG 445: Studies in American Realism (L or HU) | ENG 345: Selected Authors or Issues | ENG 429: Politics & Culture in European Short Fiction ((L or HU) & G & H) |
| ENG 453: Studies in the American Novel (HU) | ENG 352: Short Story (L or HU) | ENG 430: Darwin & 19th Century Fiction (L or HU) |
| ENG 457: Studies in American Poetry (HU) | ENG 353: African American Literature: Beginnings through the Harlem Renaissance ((L or HU) & C) | ENG 430: Studies in Victorian Literature and Culture (L or HU) |
| ENG 458: Latina/o Literature ((L or HU) & C) | ENG 354: African American Literature: Harlem Renaissance to the Present ((L or HU) & C) | ENG 434: Spies and Hackers (HU & C) |
| ENG 459: Studies in African American/Caribbean Literatures ((L or HU) & G) | ENG 355: European Dramatic Traditions (L or HU) | ENG 435: Literatures and Cultures of Immigration and Diaspora |
| | ENG 356: The Bible as Literature (HU) | ENG 436: Studies in Anglophone Literature and Culture |
| | ENG 359: Indigenous American Literature ((L or HU) & C) | ENG 437: The American Novel 1900 - 1960 (L or HU) |
| | | ENG 440: Sexuality (HU) |

| | |
|--|--|
| ENG 360: Western American Literature (L or HU) | ENG 440: Studies in American Literature and Culture (HU) |
| ENG 363: Transborder Mexican and Chicano/a Literature of Southwest North America ((L or HU) & C) | ENG 442: Studies in 20th-Century British and Irish Literature and Culture |
| ENG 364: Jane Austen (HU) | ENG 445: Studies in American Realism (L or HU) |
| ENG 369: Science Fiction Studies | ENG 447: Experimental Narrative |
| ENG 400: History of Literary Criticism (L or HU) | ENG 448: Studies in Irish Literature and Culture (HU) |
| ENG 401: Topics in Critical Theory | ENG 452: Studies in the Novel (HU) |
| ENG 415: Studies in Medieval Literature and Culture (HU) | ENG 453: Studies in the American Novel (HU) |
| ENG 416: Chaucer in Middle English (HU) | ENG 455: Contemporary Women Writers |
| ENG 418: Love Lust and Desire in Renaissance England (L or HU) | ENG 457: Studies in American Poetry (HU) |
| ENG 418: Renaissance Literature (L or HU) | ENG 458: Latina/o Literature ((L or HU) & C) |
| ENG 421: Studies in Shakespeare (L or HU) | ENG 459: Studies in African American/Caribbean Literatures ((L or HU) & G) |
| ENG 422: Special Topics in Shakespeare (HU) | ENG 461: Studies in Women and Literature (HU) |
| ENG 423: Renaissance Drama (L or HU) | ENG 465: Studies in Film |
| ENG 424: Milton (HU) | ENG 469: Science and Literature (L or HU) |
| ENG 425: Studies in Romanticism (HU) | ENG 470: Symbols and Archetypes in Children's Literature (L or HU) |
| ENG 426: British Culture and Empire | ENG 471: Literature for Young Adults (HU) |
| ENG 427: Studies in 18th-Century Literature and Culture (HU) | ENG 476: Studies in Folklore ((L or HU or SB) & C) |
| ENG 429: Politics & Culture in European Short Fiction ((L or HU) & G & H) | ENG 476: The Legend ((L or HU or SB) & C) |
| ENG 430: Darwin & 19th Century Fiction (L or HU) | ENG 478: Studies in Modernism (L or HU) |
| ENG 430: Studies in Victorian Literature and Culture (L or HU) | ENG 479: Studies in Postmodernism (HU & G) |
| ENG 434: Spies and Hackers (HU & C) | |
| ENG 435: Literatures and Cultures of Immigration and Diaspora | |
| ENG 436: Studies in Anglophone Literature and Culture | |
| ENG 437: The American Novel 1900 - 1960 (L or HU) | |
| ENG 440: Studies in American Literature and Culture (HU) | |
| ENG 442: Studies in 20th-Century British and Irish Literature and Culture | |

ENG 445: Studies in American Realism (L or HU)

ENG 447: Experimental Narrative

ENG 448: Studies in Irish Literature and Culture (HU)

ENG 452: Studies in the Novel (HU)

ENG 453: Studies in the American Novel (HU)

ENG 455: Contemporary Women Writers

ENG 457: Studies in American Poetry (HU)

ENG 458: Latina/o Literature ((L or HU) & C)

ENG 459: Studies in African American/Caribbean Literatures ((L or HU) & G)

ENG 461: Studies in Women and Literature (HU)

ENG 465: Studies in Film

ENG 469: Science and Literature (L or HU)

ENG 470: Symbols and Archetypes in Children's Literature (L or HU)

ENG 471: Literature for Young Adults (HU)

ENG 476: Studies in Folklore ((L or HU or SB) & C)

ENG 476: The Legend ((L or HU or SB) & C)

ENG 478: Studies in Modernism (L or HU)

ENG 479: Studies in Postmodernism (HU & G)

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 3.25 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map




English (Linguistics), BA





School/College: [The College of Liberal Arts and Sciences](#)

Location: [Tempe campus](#)



LAENG NBA



| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. • Select your career interest area and play me3@ASU. |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 14 | | |





| Term 2 14 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • Join a student club or professional organization. |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Maintain 2.00 GPA in Major Courses. | | | |
| Term hours subtotal: | 16 | | |


| Term 3 30 - 44 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|  ENG 200: Critical Reading and Writing About Literature (L or HU) | 3 | C | |
|  ENG 213: Introduction to the Study of Language OR SLC 201: Introduction to Linguistics (HU or SB) | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
|  Complete Mathematics (MA) requirement. | | | |
| Maintain 2.00 GPA in Major Courses. | | | |

Term hours subtotal: 14

| Term 4 44 - 60 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--------------------------------|
|  ENG 312: English in its Social Setting (L or HU or SB) OR ENG 313: Phonology and Morphology OR ENG 314: Modern Grammar | 3 | C | • Explore an internship |
| ENG 221: Survey of English Literature (HU) OR ENG 222: Survey of English Literature (HU & H) OR ENG 241: Literatures of the United States to 1860 (L or HU) & C) OR ENG 242: Literatures of the United States, 1860 to Present (HU) | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Elective | 2 | | |
| Maintain 2.00 GPA in Major Courses. | | | |
| Term hours subtotal: | 16 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ENG 312: English in its Social Setting (L or HU or SB) OR ENG 313: Phonology and Morphology OR ENG 314: Modern Grammar | 3 | C | • A minimum of 18 upper-division elective hours is required in the major, 12 of which must be taken in courses offered by The College of Liberal Arts and Sciences. |
| Course taught in a language other than English beyond the 202 level (greater than 314 for POR or ROM) OR introductory course in a third language (not English) | 3 | C | |
| ENG Elective | 3 | C | |
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| Maintain 2.00 GPA in Major Courses. | | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ENG 312: English in its Social Setting (L or HU or SB) OR ENG 313: Phonology and Morphology OR ENG 314: Modern Grammar | 3 | C | • A minimum of 18 upper-division elective hours is required in the major, 12 of which must be taken in courses offered by The College of Liberal Arts and Sciences. • Research employment opportunities |
|  ENG 404: Studies in Second Language Acquisition OR ENG 414: Studies in Linguistics | 3 | C | |
| ENG 413: History of English Language (HU) | 3 | C | |
| Complete 2 courses: Upper Division Elective | 6 | | |
|  Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Maintain 2.00 GPA in Major Courses. | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  ENG 403: Semantics OR ENG 404: Studies in Second Language Acquisition OR ENG 414: Studies in Linguistics | 3 | C | • A minimum of 18 upper-division elective hours is required in the major, 12 of which must be taken in courses offered by The College of Liberal Arts and Sciences. • Apply for full-time career opportunities |
| ENG Upper Division Elective OR ENG 484: Internship | 3 | C | |
| Upper Division Elective | 3 | | |
| Complete 2 courses: Elective | 6 | | |
| | | | |

Maintain 2.00 GPA in Major Courses.

Term hours subtotal: 15

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ ENG 403: Semantics OR ENG 404: Studies in Second Language Acquisition OR ENG 414: Studies in Linguistics | 3 | C | • A minimum of 18 upper-division elective hours is required in the major, 12 of which must be taken in courses offered by The College of Liberal Arts and Sciences. |
| ENG Upper Division Elective | 3 | C | |
| Complete 2 courses: Upper Division Elective | 6 | | |
| Elective | 3 | | |
| Maintain 2.00 GPA in Major Courses. | | | |
| Term hours subtotal: | 15 | | |

Hide Course List(s)/Track Group(s)

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map




English (Literature), BA




School/College: [The College of Liberal Arts and Sciences](#)

Location: [Tempe campus](#)

LAENG7BA

| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. • Select your career interest area and play me3@ASU. |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • Join a student club or professional organization |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Global Awareness (G) | 3 | | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Maintain 2.00 GPA in Major Courses. | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 44 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|  ENG 200: Critical Reading and Writing About Literature (L or HU) | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| ENG Elective | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
|  Complete Mathematics (MA) requirement. | | | |
| Maintain 2.00 GPA in Major Courses. | | | |
| Term hours subtotal: | 14 | | |

| Term 4 44 - 60 Credit Hours Critical course signified by ⚠ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ⚠ Literature Areas and Periods Course | 3 | C | <ul style="list-style-type: none"> • Students must choose at least one course in each of the four Areas and Periods course tracks. At least two courses must be completed at the 400-level. • Explore an internship |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| ENG Elective | 3 | C | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 2 | | |
| Maintain 2.00 GPA in Major Courses. | | | |
| Term hours subtotal: | 16 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ Literature Areas and Periods Course | 3 | C | <ul style="list-style-type: none"> • Students must choose at least one course in each of the four Areas and Periods course tracks. At least two courses must be completed at the 400-level. |
| ENG course (L) Upper Division | 3 | C | |
| Complete 2 courses: ENG Elective | 6 | C | |
| Upper Division Elective | 3 | | |
| Maintain 2.00 GPA in Major Courses. | | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ENG Upper Division Elective OR ENG 484: Internship | 3 | C | <ul style="list-style-type: none"> • Research employment opportunities |
| ENG course (HU) | 3 | C | |
| Complete 3 courses: Upper Division Elective | 9 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). Maintain 2.00 GPA in Major Courses. | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ 4** (400) Level Literature Areas and Periods Course | 3 | C | <ul style="list-style-type: none"> • Students must choose at least one course in each of the four Areas and Periods course tracks. At least two courses must be completed at the 400-level. • Apply for full-time career opportunities |
| ENG Upper Division Elective | 3 | C | |
| ENG course (HU) | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | C | |
| Upper Division Elective | 3 | | |
| Maintain 2.00 GPA in Major Courses. | | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ 4** (400) Level Literature Areas and Periods Course | 3 | C | <ul style="list-style-type: none"> • Students must choose at least one course in each of the four Areas and Periods course tracks. At least two courses must be completed at the 400-level. |
| ENG Upper Division Elective | 3 | C | |
| Complete 3 courses: Upper Division Elective | 9 | | |
| | | | |

Maintain 2.00 GPA in Major Courses.

Term hours subtotal: 15

- Students should choose at least one course in each of the four Areas and Periods course tracks. At least two courses must be completed at the 400-level.

Hide Course List(s)/Track Group(s)

| Literature and Culture Before 1800 | Literature and Culture After 1800 | Literary Theory and Interdisciplinary Studies |
|---|--|---|
| ENG 201: World Literature (HU & H & G) | ENG 204: Topics in Contemporary Literature (HU) | ENG 205: Introduction to Writing Rhetorics and Literacies (L) |
| ENG 202: World Literature (HU & H) | ENG 222: Survey of English Literature (HU & H) | ENG 400: History of Literary Criticism (L or HU) |
| ENG 221: Survey of English Literature (HU) | ENG 242: Literatures of the United States 1860 to Present (HU) | ENG 401: Topics in Critical Theory |
| ENG 241: Literatures of the United States to 1860 ((L or HU) & C) | ENG 245: Popular Culture Issues (L) | ENG 434: Studies in the Literature and Culture of the Americas (HU & C) |
| ENG 303: Classical Backgrounds of English Literature (HU) | ENG 329: 19th-Century British Fiction (L or HU) | ENG 435: Literatures and Cultures of Immigration and Diaspora |
| ENG 315: Medieval Literature in Translation (HU) | ENG 330: 19th-Century British Poetry | ENG 436: Studies in Anglophone Literature and Culture |
| ENG 316: Literary Readings of the Hebrew Bible (L or HU) | ENG 333: American Ethnic Literature ((L or HU) & C) | ENG 469: Science and Literature (L or HU) |
| ENG 321: Shakespeare (L or HU) | ENG 335: American Poetry | ENG 472: Rhetorical Studies (L) |
| ENG 325: Restoration and the 18th Century | ENG 337: Major American Novels (L or HU) | ENG 476: Studies in Folklore ((L or HU or SB) & C) |
| ENG 326: English Drama 1660-1800 (HU) | ENG 338: Protest Literature | |
| ENG 328: The Novel to Jane Austen (HU & H) | ENG 342: 20th-Century British and Irish Literature (HU) | |
| ENG 356: The Bible as Literature (HU) | ENG 345: Selected Authors or Issues | |
| ENG 415: Studies in Medieval Literature and Culture (HU) | ENG 347: Modern Israeli Literature in Translation (HU & G) | |
| ENG 416: Chaucer in Middle English (HU) | ENG 352: Short Story (L or HU) | |
| ENG 418: Renaissance Literature (L or HU) | ENG 353: African American Literature: Beginnings through the Harlem Renaissance ((L or HU) & C) | |
| ENG 421: Studies in Shakespeare (L or HU) | ENG 354: African American Literature: Harlem Renaissance to the Present ((L or HU) & C) | |
| ENG 422: Special Topics in Shakespeare (HU) | ENG 359: Indigenous American Literature ((L or HU) & C) | |
| ENG 423: Renaissance Drama (L or HU) | ENG 360: Western American Literature (L or HU) | |
| ENG 424: Milton (HU) | ENG 363: Transborder Mexican and Chicano/a Literature of Southwest North America ((L or HU) & C) | |
| ENG 425: Studies in Romanticism (HU) | | |
| ENG 427: Studies in 18th-Century Literature and Culture (HU) | | |
| ENG 476: Studies in Folklore ((L or HU or SB) & C) | | |

ENG 364: Women and Literature (HU)

ENG 367: Environmental Issues in Literature and Film (L or HU)

ENG 369: Science Fiction Studies

ENG 426: British Culture and Empire

ENG 429: Studies in European Literature and Culture ((L or HU) & G & H)

ENG 430: Darwin & 19th Century Fiction (L or HU)

ENG 430: Studies in Victorian Literature and Culture (L or HU)

ENG 434: Nobel Laureates (HU & C)

ENG 434: Spies and Hackers (HU & C)

ENG 434: Studies in the Literature and Culture of the Americas (HU & C)

ENG 435: Literatures and Cultures of Immigration and Diaspora

ENG 436: Studies in Anglophone Literature and Culture

ENG 440: Studies in American Literature and Culture (HU)

ENG 442: Studies in 20th-Century British and Irish Literature and Culture

ENG 445: Studies in American Realism (L or HU)

ENG 447: Experimental Narrative

ENG 448: Studies in Irish Literature and Culture (HU)

ENG 452: Studies in the Novel (HU)

ENG 457: Indigenous Poetry (HU)

ENG 458: Latina/o Literature ((L or HU) & C)

ENG 459: Studies in African American/Caribbean Literatures ((L or HU) & G)

ENG 461: Studies in Women and Literature (HU)

ENG 465: Studies in Film

ENG 469: Science and Literature (L or HU)

ENG 470: Symbols and Archetypes in Children's Literature (L or HU)

ENG 471: Literature for Young Adults (HU)

ENG 478: Studies in Modernism (L or HU)

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Transnational Postcolonial and Global Lit

ENG 316: Literary Readings of the Hebrew Bible (L or HU)

ENG 347: Modern Israeli Literature in Translation (HU & G)

ENG 356: The Bible as Literature (HU)

ENG 359: Indigenous American Literature ((L or HU) & C)

ENG 363: Transborder Mexican and Chicano/a Literature of Southwest North America ((L or HU) & C)

ENG 429: Studies in European Literature and Culture ((L or HU) & G & H)

ENG 434: Studies in the Literature and Culture of the Americas (HU & C)

ENG 435: Literatures and Cultures of Immigration and Diaspora

ENG 434: Nobel Laureates (HU & C)

ENG 434: Spies and Hackers (HU & C)

ENG 436: Studies in Anglophone Literature and Culture

ENG 458: Latina/o Literature ((L or HU) & C)

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

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Major GPA: 2.00 minimum

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Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map



English (Secondary Education), BA



School/College: [The College of Liberal Arts and Sciences](#)

Location: [Tempe campus](#)

LAENGSEBA

| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. • Select your career interest area and play me3@ASU. |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| SPE 222: Orientation to Education of Exceptional Children (SB & C) | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • Join a student club or professional organization |
| EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) | 3 | | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). Term hours subtotal: | 16 | | |

| Term 3 30 - 44 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  ENG 200: Critical Reading and Writing About Literature (L or HU) | 3 | C | <ul style="list-style-type: none"> • Teachers College Clinical Experience Requirement: Apply for Department of Public Safety Identity Verified Print (IVP) Fingerprint Clearance Card. |
| ENG 221: Survey of English Literature (HU & H) OR ENG 222: Survey of English Literature (HU & H) OR ENG 241: Literatures of the United States to 1860 ((L or HU) & C) OR ENG 242: Literatures of the United States, 1860 to Present (HU) | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |

❗ Complete Mathematics (MA) requirement.

Term hours subtotal: 14

| Term 4 44 - 60 Credit Hours Critical course signified by ❗ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ❗ ENG 213: Introduction to the Study of Language | 3 | C | <ul style="list-style-type: none"> • Must attend Teachers College Professional Pathways Program Orientation prior to registering for education courses in Term 5. |
| ENG 215: Strategies of Academic Writing (L) OR ENG 216: Persuasive Writing on Public Issues (L) OR ENG 217: Writing Reflective Essays (L) OR ENG 311: Persuasive Writing (L) | 3 | C | |
| <i>Complete 2 courses:</i> | | | |
| ENG 221: Survey of English Literature (HU) OR ENG 222: Survey of English Literature (HU & H) OR ENG 241: Literatures of the United States to 1860 ((L or HU) & C) OR ENG 242: Literatures of the United States, 1860 to Present (HU) | 6 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| ❗ Minimum 2.50 GPA ASU Cumulative. | | | |
| Milestone: Complete online Intent to Progress form (meet with advisor). Milestone: Submit Identity Verified Print (IVP) DPS fingerprint clearance card. | | | |
| Term hours subtotal: | 16 | | |

| Term 5 60 - 76 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ SED 396: Clinical Experience I | 1 | Y | <ul style="list-style-type: none"> • During your clinical experience internship, you will work alongside a mentor teacher, in a 6-12th grade classroom. Reliable transportation is required to get to school sites in terms 5-8. |
| ★ TEL 311: Instruction and Management in the Inclusive Classroom | 3 | C | |
| ★ Ethnic or Women's Literature Course | 3 | C | |
| ENG 221: Survey of English Literature (HU) OR ENG 222: Survey of English Literature (HU & H) OR ENG 241: Literatures of the United States to 1860 ((L or HU) & C) OR ENG 242: Literatures of the United States, 1860 to Present (HU) | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 2 | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 6 76 - 92 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ BLE 407: SEI for Secondary Students (L) | 3 | C | <ul style="list-style-type: none"> • Research employment opportunities |
| ENG 321: Shakespeare (L or HU) OR ENG 421: Studies in Shakespeare (L or HU) OR ENG 422: Special Topics in Shakespeare (HU) | 3 | C | |
| ★ ENG 480: Methods of Teaching English: Composition (L) | 3 | C | |
| ★ SED 397: Clinical Experience II | 1 | Y | |
| ★ SPE 417: Inclusion Practices at the Secondary Level | 3 | C | |
| ENG 312: English in its Social Setting (L or HU or SB) OR ENG 314: Modern Grammar | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |

Minimum 2.50 GPA ASU Cumulative.

Term hours subtotal: 16

| Term 7 92 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ ENG 471: Literature for Young Adults (HU) | 3 | C | <ul style="list-style-type: none"> • All degree requirements must be completed prior to student teaching. Only one course will be approved to take concurrently with student teaching. • Students seeking teacher certification must pass required educator exams. Please speak with your Teachers College Advisor to plan appropriately. • Apply for full-time career opportunities |
| ★ ENG 482: Methods of Teaching English: Language (L) | 3 | C | |
| ★ ENG 486: Teaching Text | 3 | C | |
| ★ RDG 323: Literacy Processes in Content Areas | 3 | C | |
| ★ SED 322: Classroom Leadership in Secondary Schools (L) | 3 | C | |
| ★ SED 496: Clinical Experience III | 1 | Y | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | | 16 | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ SED 478: Student Teaching: Secondary Education (Grades 6-12) | 12 | Y | <ul style="list-style-type: none"> • Your student teaching residency requires a full-time commitment in a 6-12th grade classroom for the semester. |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | | 12 | |

Hide Course List(s)/Track Group(s)

Ethnic or Women's Literature

ENG 333: American Ethnic Literature ((L or HU) & C)

ENG 353: African American Literature: Beginnings through the Harlem Renaissance ((L or HU) & C)

ENG 354: African American Literature: Harlem Renaissance to the Present ((L or HU) & C)

ENG 359: Indigenous American Literature ((L or HU) & C)

ENG 363: Transborder Mexican and Chicano/a Literature of Southwest North America ((L or HU) & C)

ENG 364: Women and Literature (HU)

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map



English (Writing, Rhetorics and Literacies), BA




School/College: [The College of Liberal Arts and Sciences](#)

Location: [Tempe campus](#)



LAENGWBA




| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. • Select your career interest area and play me3@ASU. |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 14 | | |





| Term 2 14 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • Join a student club or professional organization |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Maintain 2.00 GPA in Major Courses. | | | |
| Term hours subtotal: | 16 | | |



| Term 3 30 - 44 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|  ENG 200: Critical Reading and Writing About Literature (L or HU) | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| ENG Elective | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
|  Complete Mathematics (MA) requirement. | | | |
| Maintain 2.00 GPA in Major Courses. | | | |

Term hours subtotal: 14

| Term 4 44 - 60 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  ENG 205: Introduction to Writing, Rhetorics and Literacies (L) | 3 | C | <ul style="list-style-type: none"> • Explore an internship |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Elective | 2 | | |
| Maintain 2.00 GPA in Major Courses. | | | |
| Term hours subtotal: | | 16 | |

| Term 5 60 - 75 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| <i>Complete 2 courses:</i> | | | <ul style="list-style-type: none"> • At least 12 of the upper-division hours required in the major must be taken in courses offered by The College of Liberal Arts and Sciences. • ENG electives must be taken at the 200 level or above. |
|  ENG 390: Methods of Inquiry (L) OR ENG 391: Writing in Context OR ENG 392: History of Rhetorical Theory OR ENG 393: Theories of Literacy | 6 | C | |
|  Upper Division Directed Elective | 3 | C | |
| ENG Elective | 3 | C | |
| Upper Division Elective | 3 | | |
| Maintain 2.00 GPA in Major Courses. | | | |
| Term hours subtotal: | | 15 | |

| Term 6 75 - 90 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| <i>Complete 2 courses:</i> | | | <ul style="list-style-type: none"> • At least 12 of the upper-division hours required in the major must be taken in courses offered by The College of Liberal Arts and Sciences. • Research employment opportunities. |
|  ENG 390: Methods of Inquiry (L) OR ENG 391: Writing in Context OR ENG 392: History of Rhetorical Theory OR ENG 393: Theories of Literacy | 6 | C | |
|  Upper Division Directed Elective | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 3 | | |
|  Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Maintain 2.00 GPA in Major Courses. | | | |
| Term hours subtotal: | | 15 | |

| Term 7 90 - 105 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  <i>Complete 2 courses:</i> | | | <ul style="list-style-type: none"> • At least 12 of the upper-division hours required in the major must be taken in courses offered by The College of Liberal Arts and Sciences. • The required ENG 484 internship may be taken in either term 7 or term 8. • ENG electives must be taken at the 200 level or above. • Apply for full-time career opportunities |
| Upper Division Directed Elective | 6 | C | |
| ENG Elective | 3 | C | |
| <i>Complete 2 courses:</i> | | | |
| Upper Division Elective | 6 | | |
| Maintain 2.00 GPA in Major Courses. | | | |
| Term hours subtotal: | | 15 | |

| Term 8 105 - 120 Credit Hours <i>Necessary course signified by ★</i> | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ ENG 484: Internship | 3 | C | <ul style="list-style-type: none"> • At least 12 of the upper-division hours required in the major must be taken in courses offered by The College of Liberal Arts and Sciences. • The required ENG 484 internship may be taken in either term 7 or term 8. |
| ★ Upper Division Directed Elective | 3 | C | |
| Upper Division Elective | 3 | | |
| Complete 2 courses: | | | |
| Elective | 6 | | |
| Maintain 2.00 GPA in Major Courses. | | | |
| Term hours subtotal: | | 15 | |

Hide Course List(s)/Track Group(s)

| Directed Electives |
|---|
| ENG 301: Writing for the Professions (L) |
| ENG 311: Persuasive Writing (L) |
| ENG 317: Cross-Cultural Writing ((L or HU) & G) |
| ENG 338: Protest Literature |
| ENG 370: Science Values and the Public |
| ENG 371: Rhetoric of the Environmental Movement |
| ENG 472: Rhetorical Studies (L) |

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map

Family and Human Development, BS




School/College: The College of Liberal Arts and Sciences

Location: Tempe campus

LAFASBS

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  FAS 101: Personal Growth in Human Relationships (SB) OR CDE 232: Human Development (SB) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • This degree requires completion of MAT 142 with a grade of C or better. Transfer students who have not completed a math course directly equivalent to an ASU course meeting the requirement will be required to take an additional math course. • Select a career interest area and play me3@ASU. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| PSY OR SOC Elective | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  FAS 101: Personal Growth in Human Relationships (SB) OR CDE 232: Human Development (SB) | 3 | C | <ul style="list-style-type: none"> • Build your professional connections -- join the ASU Mentor Network |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete 2 courses: Elective | 6 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 48 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| Science and Society Elective | 3 | C | |
| FAS Elective | 3 | C | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
|  Complete First-Year Composition requirement. | | | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 48 - 63 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|---|----|---|
| ❗ STP 226: Elements of Statistics (CS) OR PSY 230: Introduction to Statistics (CS) OR SOC 390: Social Statistics I (CS) | 3 | C |
| PSY OR SOC Elective | 3 | C |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | |
| Literacy and Critical Inquiry (L) | 3 | |
| Elective | 3 | |
| ❗ Complete Natural Science - Quantitative (SQ) OR Natural Science - General (SG) course(s). | | |
| Term hours subtotal: | 15 | |

- Explore an **internship**.

| Term 5 63 - 78 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|--------------|----------------------|--------------|
|--|--------------|----------------------|--------------|

| | | |
|--|----|---|
| ★ FAS 361: Research Methods (L or SB) OR SOC 391: Research Methods (L or SB) | 3 | C |
| FAS 331: Marriage and Family Relationships (SB) | 3 | C |
| FAS 370: Family Ethnic and Cultural Diversity (SB & C) | 3 | C |
| Complete 2 courses: Upper Division Elective | 6 | |
| Term hours subtotal: | 15 | |

| Term 6 78 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|--------------|----------------------|--------------|
|--|--------------|----------------------|--------------|

| | | |
|--|----|---|
| ★ Upper Division FAS or CDE Elective | 3 | C |
| Upper Division Science and Society Elective | 3 | C |
| Complete 2 courses: Upper Division Elective | 6 | |
| Elective | 3 | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |
| Term hours subtotal: | 15 | |

- Research **employment opportunities**.
- For the Upper Division FAS or CDE Elective, students should choose from the course lists provided below.

| Term 7 93 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|--------------|----------------------|--------------|
|---|--------------|----------------------|--------------|

| | | |
|--|----|---|
| ★ Upper Division FAS or CDE Elective | 3 | C |
| Complete 2 courses: Upper Division Elective | 6 | |
| Elective | 3 | |
| Term hours subtotal: | 12 | |

- Gather **professional references**.

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|--------------|----------------------|--------------|
|--|--------------|----------------------|--------------|

| | | |
|--|----|---|
| ★ Upper Division FAS or CDE Elective | 3 | C |
| Complete 2 courses: Upper Division Elective | 6 | |
| Complete 2 courses: Elective | 6 | |
| Term hours subtotal: | 15 | |

- Apply for **full-time career opportunities**.

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

| CDE Electives | FAS Electives |
|--|---|
| CDE 312: Adolescence (SB) | FAS 264: Gender and Society (SB & C) |
| CDE 337: Early Childhood Intervention | FAS 301: Introduction to Parenting |
| CDE 338: Child Development Practicum | FAS 324: Work and the Workplace (SB & H) |
| CDE 418: Aging and the Life Course (SB & H) | FAS 332: Human Sexuality (SB) |
| CDE 430: Infant/Toddler Development in the Family (SB) | FAS 390: Supervised Research Experience |
| CDE 450: Child Dysfunction in the Family | FAS 435: Advanced Marriage and Family Relationships (L or SB) |
| | FAS 440: Fundamentals of Marriage and Family Therapy |
| | FAS 484: Internship |

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.







2020 - 2021 Major Map




Family and Human Development, BS

School/College: [The College of Liberal Arts and Sciences](#)



Location: [Online](#)

LAFASBS

| Term 1 - A 0 - 7 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|----------------|--|
|  CDE 232: Human Development (SB) OR FAS 101: Personal Growth in Human Relationships (SB) | 3 | C | <ul style="list-style-type: none"> An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses Mathematics Placement Assessment score determines placement in mathematics course ASU 101 or college-specific equivalent First-Year Seminar is required for all first-year students Select a career interest area and play me3@ASU. |
| ASU 101-UC: The ASU Experience | 1 | | |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107: First-Year Composition or ENG 108: First-Year Composition | | | |
| Term hours subtotal: | 7 | | |
| Term 1 - B 7 - 13 Credit Hours | Hours | Minimum Grade | Notes |
| PSY OR SOC Elective | 3 | C | <ul style="list-style-type: none"> View ASU Online first-year student registration information here. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |
| Term 2 - A 13 - 19 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  CDE 232: Human Development (SB) OR FAS 101: Personal Growth in Human Relationships (SB) | 3 | C | |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 6 | | |
| | | | |
| Term 2 - B 19 - 25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
| MAT 142: College Mathematics (MA) | 3 | C | <ul style="list-style-type: none"> This degree requires completion of MAT 142 with a grade of C or better. Transfer students who have not completed a math course directly equivalent to an ASU course meeting the requirement will be required to take an additional math course. Build your professional connections -- join the ASU Mentor Network |
| Elective | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 6 | | |
| Term 3 - A 25 - 32 Credit Hours | Hours | Minimum Grade | Notes |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| Term hours subtotal: | 7 | | |
| | | Minimum | |

| Term 3 - B 32 - 38 Credit Hours Critical course signified by  | Hours | Grade | Notes |
|---|-------|-------|-------|
| PSY 230: Introduction to Statistics (CS) OR SOC 390: Social Statistics I (CS) OR STP 226: Elements of Statistics (CS) | 3 | C | |
| Elective | 3 | | |
|  Complete First-Year Composition requirement. | | | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | | 6 | |

| Term 4 - A 38 - 45 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Term hours subtotal: | | 7 | |

| Term 4 - B 45 - 51 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|------------------------------|
|  PSY OR SOC Elective | 3 | C | • Develop your skills |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | | 6 | |

| Term 5 - A 51 - 57 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  FAS 361: Research Methods (L or SB) OR SOC 391: Research Methods (L or SB) | 3 | C | |
| FAS 331: Marriage and Family Relationships (SB) | 3 | C | |
| Term hours subtotal: | | 6 | |

| Term 5 - B 57 - 63 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| FAS 370: Family Ethnic and Cultural Diversity (SB & C) | 3 | C | |
| FAS Elective | 3 | C | |
| Term hours subtotal: | | 6 | |

| Term 6 - A 63 - 69 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  Upper Division FAS or CDE Elective | 3 | C | • For the Upper Division FAS or CDE Electives, students should choose from the course lists below. |
| Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | | 6 | |

| Term 6 - B 69 - 75 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| Science and Society Elective | 3 | C | • Research employment opportunities |
| Elective | 3 | | |
|  Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | | 6 | |

| Term 7 - A 75 - 81 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|  Upper Division FAS or CDE Elective | 3 | C | |
| Elective | 3 | | |

Term hours subtotal: 6

| Term 7 - B 81 - 87 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| Upper Division Science and Society Elective | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 87 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ Upper Division FAS or CDE Elective | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 93 - 99 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|----------------------------------|
| Complete 2 courses: Upper Division Elective | 6 | | • Gather professional references |
| Term hours subtotal: | 6 | | |

| Term 9 - A 99 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ Complete 2 courses: Upper Division Elective | 6 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - B 105 - 111 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| Complete 2 courses: Upper Division Elective | 6 | | |
| Term hours subtotal: | 6 | | |

| Term 10 - A 111 - 117 Credit Hours | Hours | Minimum Grade | Notes |
|------------------------------------|-------|---------------|--|
| Upper Division Elective | 3 | | |
| Elective | 3 | | • Apply for full-time career opportunities |
| Term hours subtotal: | 6 | | |

| Term 10 - B 117 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ Upper Division Elective | 3 | | |
| Term hours subtotal: | 3 | | |

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

| | |
|---------------------------|--------------------------------------|
| CDE Electives | FAS Electives |
| CDE 312: Adolescence (SB) | FAS 264: Gender and Society (SB & C) |

| | |
|--|---|
| CDE 418: Aging and the Life Course (SB & H) | FAS 301: Introduction to Parenting |
| CDE 430: Infant/Toddler Development in the Family (SB) | FAS 324: Work and the Workplace (SB & H) |
| CDE 450: Child Dysfunction in the Family | FAS 332: Human Sexuality (SB) |
| | FAS 390: Supervised Research Experience |
| | FAS 435: Advanced Marriage and Family Relationships (L or SB) |
| | FAS 440: Fundamentals of Marriage and Family Therapy |
| | FAS 484: Internship |

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map



Film (Film and Media Studies), BA



School/College: [The College of Liberal Arts and Sciences](#)

Location: [Tempe campus](#)



LAFMSBA




| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  FMS 100: Introduction to Film (HU) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. • Select your career interest area and play me3@ASU. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Term hours subtotal: | 14 | | |





| Term 2 14 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  FMS 110: Introduction to New Media (HU) OR FMS 200: Film History ((L or HU) & H) | 3 | C | <ul style="list-style-type: none"> • Students must complete FMS 110 and FMS 200 in terms 2 and 3 • Join a student club or professional organization |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 44 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  FMS 110: Introduction to New Media (HU) OR FMS 200: Film History ((L or HU) & H) | 3 | C | <ul style="list-style-type: none"> • Students must complete FMS 110 and FMS 200 in terms 2 and 3 • Visit Career and Professional Development Services and meet with a career advisor for assistance with career planning and networking. |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| Term hours subtotal: | 14 | | |



| | | Minimum | |
|--|--|---------|--|
|--|--|---------|--|

| Term 4 44 - 60 Credit Hours Critical course signified by  | Hours | Grade | Notes |
|--|-------|-------|--|
|  FMS 2** Elective OR FMS 3** Elective OR FMS 4** Elective | 3 | C | <ul style="list-style-type: none"> Explore an internship |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 5 60 - 74 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  FMS 300: Television and Cultural Studies (L or HU) OR FMS 380: Race and Gender in American Film (HU & C) | 3 | C | <ul style="list-style-type: none"> All FMS majors are required to take one course from each of four emphasis areas. Courses that are designated simply as FMS electives or FMS 400-level electives can be taken from the larger offering of FMS courses. |
|  Upper Division Major Emphasis Area | 3 | C | |
| FMS 2** Elective OR FMS 3** Elective OR FMS 4** Elective | 3 | C | |
| Upper Division Elective | 3 | | |
| Elective | 2 | | |
| Term hours subtotal: | 14 | | |

| Term 6 74 - 90 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  FMS 300: Television and Cultural Studies (L or HU) OR FMS 380: Race and Gender in American Film (HU & C) | 3 | C | <ul style="list-style-type: none"> All FMS majors are required to take one course from each of four emphasis areas. Courses that are designated simply as FMS electives or FMS 400-level electives can be taken from the larger offering of FMS courses. Research employment opportunities |
|  Upper Division Major Emphasis Area | 3 | C | |
| FMS Upper Division Elective | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Upper Division Elective | 3 | | |
|  Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  Upper Division Major Emphasis Area | 3 | C | <ul style="list-style-type: none"> All FMS majors are required to take one course from each of four emphasis areas. Courses that are designated simply as FMS electives or FMS 400-level electives can be taken from the larger offering of FMS courses. Apply for full-time career opportunities |
| FMS Upper Division Elective OR FMS 484: Internship | 3 | C | |
| Complete 2 courses: | | | |
| Upper Division Elective | 6 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  Upper Division Major Emphasis Area | 3 | C | <ul style="list-style-type: none"> All FMS majors are required to take one course from each of four emphasis areas. Courses that are designated simply as FMS electives or FMS 400-level electives can be taken from the larger offering of FMS courses. |
| Complete 2 courses: | | | |
| FMS Upper Division Elective | 6 | C | |
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

- All FMS majors are required to take one course from each of four emphasis areas shown in the track lists below.

Hide Course List(s)/Track Group(s)

| Major Emphasis Area - Media and Society | Major Emphasis Area - Media Industries | Major Emphasis Area - Screenwriting |
|--|--|--|
| FMS 345: Asian Pacific Americans and Film (HU & C & H) | FMS 302: U.S. Media Now | FMS 302: U.S. Media Now |
| FMS 349: Israeli Wars in Israeli Movies (HU & G) | FMS 351: Emerging Digital Media | FMS 309: Intermediate Screenwriting |
| FMS 370: Signs of Aliens: Semiotics of Film and Popular Culture (HU) | FMS 374: American Visions: Innovators in Popular Media | FMS 340: Contemporary American Film and Popular Culture (HU) |
| FMS 375: LGBTV: Television and Sexuality | FMS 375: LGBTV: Television and Sexuality | FMS 409: Advanced Screenwriting |
| FMS 377: Baseball Film and American Dreams | FMS 440: Los Angeles: Movies and Culture ((L or HU) & C) | FMS 411: Screenwriting Adaptation Studies |
| FMS 427: Identity and World Film (C) | FMS 471: Latinos In Hollywood (HU & C) | FMS 412: Story Analysis for Film and Television |
| FMS 445: The Holocaust in German-Mediated Memory | | |
| FMS 450: Technology Culture and Media (HU) | | |
| FMS 455: Comedy as Social Discourse | | |
| FMS 460: Masculinity and Film (HU) | | |
| FMS 466: Constructing the Border on Film (C) | | |
| FMS 468: Crime and Violence in American Film (HU) | | |
| Major Emphasis Area - Styles and Genres | | |
| FMS 340: Contemporary American Film and Popular Culture (HU) | | |
| FMS 351: Emerging Digital Media | | |
| FMS 354: Critical Studies in Animation | | |
| FMS 374: Francis Ford Coppola | | |
| FMS 377: Baseball Film and American Dreams | | |
| FMS 440: Los Angeles: Movies and Culture ((L or HU) & C) | | |
| FMS 441: Global Cinema (HU & G) | | |
| FMS 461: Film Theory and Criticism (HU) | | |
| FMS 464: Latina/o Literature ((L or HU) & C) | | |

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map

Film (Film and Media Studies), BA

School/College: [The College of Liberal Arts and Sciences](#)




Location: [Online](#)

LAFMSBA

| Term 1 - A 0 - 7 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  FMS 100: Introduction to Film (HU) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar is required for all first-year students |
| ASU 101-UC: The ASU Experience | 1 | | |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 14 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. • View ASU Online first-year student registration information here. • Select your career interest area and play me3@ASU. |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Term hours subtotal: | 7 | | |

| Term 2 - A 14 - 21 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| MAT 142: College Mathematics (MA) | 3 | C | <ul style="list-style-type: none"> • Join a student club or professional organization |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Term hours subtotal: | 7 | | |

| Term 2 - B 21 - 28 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|  FMS 110: Introduction to New Media (HU) OR FMS 200: Film History (L or HU) & H | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 7 | | |

| Term 3 - A 28 - 35 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |

Social-Behavioral Sciences (SB) 3

Term hours subtotal: 7

| Term 3 - B 35 - 41 Credit Hours Critical course signified by 🚩 | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| 🚩 FMS 110: Introduction to New Media (HU) OR FMS 200: Film History ((L or HU) & H) | 3 | C | <ul style="list-style-type: none"> Contact Career and Professional Development Services and schedule an appointment with a career advisor for assistance with career planning and networking. |
| Elective | 3 | | |
| 🚩 Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 6 | | |

| Term 4 - A 41 - 48 Credit Hours Critical course signified by 🚩 | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| 🚩 FMS 2** Elective OR FMS 3** Elective OR FMS 4** Elective | 3 | C | <ul style="list-style-type: none"> Explore an internship |
| Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 4 - B 48 - 54 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - A 54 - 61 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ FMS 300: Television and Cultural Studies (L or HU) OR FMS 380: Race and Gender in American Film (HU & C) | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 5 - B 61 - 67 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ FMS 300: Television and Cultural Studies (L or HU) OR FMS 380: Race and Gender in American Film (HU & C) | 3 | C | <ul style="list-style-type: none"> All FMS majors are required to take one course from each of four emphasis areas shown in the track lists below. Courses that are designated simply as FMS electives or FMS 400-level electives can be taken from the larger offering of FMS courses. |
| ★ Upper Division Major Emphasis Area | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 6 - A 67 - 73 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ Upper Division Major Emphasis Area | 3 | C | <ul style="list-style-type: none"> All FMS majors are required to take one course from each of four emphasis areas shown in the track lists below. Courses that are designated simply as FMS electives or FMS 400-level electives can be taken from the larger offering of FMS courses. Research employment opportunities |
| FMS 2** Elective OR FMS 3** Elective OR FMS 4** Elective | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 73 - 79 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ Upper Division Major Emphasis Area | 3 | C | <ul style="list-style-type: none"> All FMS majors are required to take one course from each of four emphasis areas |
| Elective | 3 | | |

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal: 6

shown in the track lists below. Courses that are designated simply as FMS electives or FMS 400-level electives can be taken from the larger offering of FMS courses.

| Term 7 - A 79 - 85 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

★ Upper Division Major Emphasis Area

3 C

Elective

3

Term hours subtotal: 6

- All FMS majors are required to take one course from each of four emphasis areas shown in the track lists below. Courses that are designated simply as FMS electives or FMS 400-level electives can be taken from the larger offering of FMS courses.
- Gather [professional references](#).

| Term 7 - B 85 - 91 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

★ FMS Upper Division Elective

3 C

Upper Division Elective

3

Term hours subtotal: 6

| Term 8 - A 91 - 97 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

★ FMS Upper Division Elective

3 C

Elective

3

Term hours subtotal: 6

- Create or update your [resume](#).

| Term 8 - B 97 - 103 Credit Hours | Hours | Minimum Grade | Notes |
|----------------------------------|-------|---------------|-------|
|----------------------------------|-------|---------------|-------|

Complete 2 courses:

Upper Division Elective

6

Term hours subtotal: 6

- Use [Handshake](#) to research employment opportunities.

| Term 9 - A 103 - 109 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

★ FMS Upper Division Elective

3 C

Upper Division Elective

3

Term hours subtotal: 6

| Term 9 - B 109 - 115 Credit Hours | Hours | Minimum Grade | Notes |
|-----------------------------------|-------|---------------|-------|
|-----------------------------------|-------|---------------|-------|

Upper Division Elective

3

Elective

3

Term hours subtotal: 6

- Apply for [full-time career opportunities](#).

| Term 10 - A 115 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

★ FMS Upper Division Elective

3 C

Elective

2

Term hours subtotal: 5

- All FMS majors are required to take one course from each of four emphasis areas listed below.

Hide Course List(s)/Track Group(s)

| Major Emphasis Area - Media and Society | Major Emphasis Area - Screenwriting | Major Emphasis Area - Styles and Genres |
|--|--|--|
| FMS 427: Identity and World Film (C) | FMS 309: Intermediate Screenwriting | FMS 340: Contemporary American Film and Popular Culture (HU) |
| FMS 450: Technology Culture and Media (HU) | FMS 340: Contemporary American Film and Popular Culture (HU) | FMS 351: Emerging Digital Media |
| FMS 468: Crime and Violence in American Film (HU) | FMS 409: Advanced Screenwriting | FMS 374: American Visions: Innovators in Popular Media |
| | | FMS 441: Global Cinema (HU & G) |
| Major Emphasis Area - Media Industries | | |
| FMS 351: Emerging Digital Media | | |
| FMS 374: American Visions: Innovators in Popular Media | | |
| FMS 471: Latinos In Hollywood (HU & C) | | |

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map



French, BA




School/College: [The College of Liberal Arts and Sciences](#)

Location: [Tempe campus](#)



LAFREBA




| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  SLC 201: Introduction to Linguistics (HU or SB) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific First-Year Seminar required of all first-year students. • ASU Language Placement: Only true beginners are eligible to take 101-level language courses. Students with previous experience in the language are required to take a placement test. • Learn about French Language Intensive Courses • Students may opt to take FRE 110 Intensive French I (equivalent to FRE 101 and FRE 102) in term 1. This course is offered in the Fall semester. • Engage in French at ASU |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| FRE 101: Elementary French I (G) | 4-6 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Maintain 2.33 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 14-16 | | |



| Term 2 14 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • Start planning your study abroad experience. Learn about faculty-directed summer programs in Québec, Canada, and in Lyon, France. Attend a Financing Your Study Abroad Program Workshop. • Activate your Handshake account and build out your profile. • Students may opt to take FRE 210 Intensive French II (equivalent to FRE 201 and FRE 202) in term 2. This course is offered in Spring only. |
| FRE 102: Elementary French II (G) | 4-6 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Maintain 2.33 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 16-18 | | |

| Term 3 30 - 46 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| FRE 201: Intermediate French I (G) | 4-6 | C | <ul style="list-style-type: none"> • Meet with a School of International Letters and Cultures academic advisor to learn about internships and scholarships and awards for language and culture majors. • French offers a huge advantage if you are interested in working for the Peace Corps. |
| Humanities, Arts and Design (HU) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete 2 courses: Elective | 5 | | |
|  Complete First-Year Composition requirement. | | | |
|  Complete Mathematics (MA) requirement. | | | |
| Maintain 2.33 GPA in Critical Tracking Courses. | | | |




Term hours subtotal: 16-18

| Term 4 46 - 60 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  SLC 202: Introduction to Literary and Cultural Theory | 3 | C | <ul style="list-style-type: none"> Meet with a School of International Letters and Cultures academic advisor to learn which semester or academic year study abroad program works best with your major. |
| FRE 202: Intermediate French II (G) | 4-6 | C | |
| Related Area Course | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Maintain 2.33 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 14-16 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  FRE 305: Readings in French Literature (G) | 3 | C | <ul style="list-style-type: none"> Enroll in listed courses or meet with your academic advisor about participating in an International Letters and Cultures endorsed study abroad program for your major. Find out about research opportunities with the Humanities Lab at ASU. |
|  FRE 311: Oral and Written Expression I (G) | 3 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  FRE 312: Oral and Written Expression II (G) | 3 | C | <ul style="list-style-type: none"> Learn about national scholarships, fellowships, and research opportunities. Secure a part-time job or volunteer experience. Use Handshake to research employment opportunities. |
|  FRE 321: French Cultural Masterpieces I ((L or HU) & H) OR FRE 322: French Cultural Masterpieces II (L or HU) | 3 | C | |
|  ITA 101: Elementary Italian I (G) | 4 | C | |
|  Upper Division French Elective | 3 | C | |
| Elective | 2 | | |
|  Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  FRE 321: French Cultural Masterpieces I ((L or HU) & H) OR FRE 322: French Cultural Masterpieces II (L or HU) | 3 | C | <ul style="list-style-type: none"> Enroll in listed courses or meet with your academic advisor about participating in an International Letters and Cultures recommended study abroad program for your major. |
|  Complete 2 courses: FRE 4** Elective | 6 | C | |
| Upper Division Elective OR FRE 484: Internship | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  Complete 2 courses: FRE 4** Elective | 6 | C | <ul style="list-style-type: none"> Attend an ASU Career Services workshop or Job Fair. |
|  4** SLC Required Culture Course | 3 | C | |
| Complete 2 courses: Upper Division Elective | 6 | | |

Term hours subtotal: 15

- SLC language and/or translation courses may not be used for the SLC 400-Level Required Culture Course Option.

Hide Course List(s)/Track Group(s)

| Upper Division French Elective | Related Area Course | SLC 400-Level Required Culture Course Option |
|---|--|--|
| FRE 315: French Phonetics | ARS 310: The Renaissance in Tuscany | |
| FRE 319: Business French (G) | ARS 414: Monasteries Madonnas and Manuscripts (HU & H) | SLC 414: French and Italian Popular Culture ((L or HU) & G) |
| FRE 325: French Language and Culture Through Film | ARS 424: Italian Baroque Art (HU & H) | SLC 415: Korean Popular Culture (HU & G) |
| FRE 394: Special Topics | ARS 438: Art of the 20th Century I (HU & H) | SLC 421: Ghosts Monsters and Supernatural in Jpn Lit&Film ((L or HU) & G) |
| FRE 411: Advanced Spoken French (G) | ARS 439: Art of the 20th Century II (HU & H) | SLC 421: Japanese Aesthetics ((L or HU) & G) |
| FRE 412: Advanced Written French (G) | COM 371: Language Culture and Communication (SB & C & G) | SLC 421: Japanese Film and Animation 1945-present ((L or HU) & G) |
| FRE 414: French and Italian Popular Culture ((L or HU) & G) | FMP 404: World Cinema (G) | SLC 421: Japanese Literature in Translation ((L or HU) & G) |
| FRE 415: French Civilization I (HU) | GCU 325: Geography of Europe (SB & G) | SLC 421: Samurai and Geisha ((L or HU) & G) |
| FRE 416: French Civilization II (HU & G) | GCU 359: Cities of the World I (SB & G & H) | SLC 421: Travel and Exploration in Early Modern Japan ((L or HU) & G) |
| FRE 461: Modern Narrative (HU) | HST 349: Early Middle Ages ((HU or SB) & H) | SLC 423: Italian Organized Crime in Films and History ((L or HU) & G) |
| FRE 484: Internship | HST 350: Later Middle Ages ((HU or SB) & H) | SLC 425: What is Globalization? A History of Contact and Conflict (HU & G) |
| FRE 493: Honors Thesis (L) | HST 351: Renaissance Europe ((L or HU or SB) & H) | SLC 429: Studies in European Literature and Culture ((L or HU) & G & H) |
| FRE 494: Special Topics | HST 352: Europe's Reformations ((L or HU or SB) & H) | SLC 439: Art in Exile: VladĀ-mir VladĀ-mirovich Nabokov (L or HU) |
| FRE 499: Individualized Instruction | HST 356: Europe since 1945 (SB & G & H) | SLC 441: Fairy Tales (HU & G) |
| | HST 360: The Crusades: Religion & Conflict in the Middle Ages (SB & H) | SLC 442: Dracula and Vampire Lore (HU) |
| | HST 361: Witchcraft and Heresy in Europe ((L or HU) & H) | SLC 444: Heroes Ancient and Modern (L or HU) |
| | HST 362: Sex and Society in Classical and Medieval Europe (SB & H) | SLC 445: The Holocaust in German-Mediated Memory |
| | HST 363: Sex and Society in Early Modern Europe ((HU or SB) & H) | SLC 446: Weimar-Era German Film |
| | HST 364: Sex and Society in Modern Europe ((L or SB) & H) | SLC 447: German Modernism |
| | HST 365: World Wars I and II: Europe's Eastern Front | SLC 450: Experimental Narrative |
| | | SLC 451: Chinese Cultural History I ((HU or SB) & H) |

| | |
|---|---|
| HST 368: Culture and Imagination in European History (HU & H) | SLC 452: Chinese Cultural History II (SB & G & H) |
| HST 465: Women in Europe 1750 to Present ((HU or SB) & H) | SLC 455: Berlin: Migration Arts and Activism (G) |
| ITA 350: Food and Culture: The Mediterranean Lifestyle in Italy | SLC 457: Premodern Korea in a Global Context |
| POS 356: European Union (SB & G) | SLC 459: Latin American Jewish Culture |
| POS 360: World Politics (SB & G) | SLC 465: Intercultural Communicative Competence |
| POS 486: International Political Economy (SB & G) | SLC 475: Latin American Film ((L or HU) & G) |
| REL 372: Formation of the Christian Tradition (HU & H) | SLC 494: Special Topics |
| REL 385: Contemporary Western Religious Thought (HU) | |
| REL 470: Religion in the Middle Ages (HU & H) | |
| REL 471: Reformation and Modern Christianity (HU & H) | |
| SGS 360: Cultural Aspects of Globalization | |
| SLC 340: Approaches to International Cinema (HU & G) | |
| SLC 373: Roman History I: Foundations and Republic | |
| SLC 374: Roman History II: The Roman Empire | |
| SLC 423: Italian Organized Crime in Films and History ((L or HU) & G) | |
| SLC 429: Studies in European Literature and Culture ((L or HU) & G & H) | |
| SLC 439: Art in Exile: VladĂ-mir VladĂ-mirovich Nabokov (L or HU) | |
| SLC 445: The Holocaust in German-Mediated Memory | |
| SLC 446: Weimar-Era German Film | |
| SLC 447: German Modernism | |
| SLC 455: Berlin: Migration Arts and Activism (G) | |

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map





Geographic Information Science, BS



School/College: [The College of Liberal Arts and Sciences](#)




Location: [Tempe campus](#)



LAGISBS





| Term 1 0 - 15 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • MAT 170 is the required math course for this major. If a student does not qualify for MAT 170 enrollment, they should enroll in MAT 117 to prepare for MAT 170. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Students will select two related area courses from the list of prefixes below. • Play me3@asu.edu and select your area of career interest. |
|  Mathematics (MA) | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| Related Area Course | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 1 | | |
| Term hours subtotal: | 15 | | |



| Term 2 15 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • Students will select two related area courses from the list of prefixes below. • Students should become actively involved with a student organization. Information on ASU student organizations sponsored by the School of Geographical Sciences and Urban Planning is available here. |
|  GIS 205: Geographic Information Science I (CS) | 3 | C | |
|  MAT 170: Precalculus (MA) | 3 | C | |
| Related Area Course | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |




| Term 3 30 - 46 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  GIS 211: Geographic Information Science II (CS) | 4 | C | <ul style="list-style-type: none"> • For a full list of Science and Society courses, go here. |
| GIS 270: Statistics for Geography and Planning | 3 | C | |
| Science and Society Elective | 3 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 46 - 60 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  GIS 222: Programming Principles in GIS I | 3 | C | <ul style="list-style-type: none"> • Visit Career and Professional Development Services and meet with a career advisor for assistance with career planning and networking. |
|  GIS 311: Geographic Information Science III (CS) | 4 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Term hours subtotal: | 14 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  GIS 322: Programming Principles in GIS II | 3 | C | <ul style="list-style-type: none"> • Students interested in completing an internship should start investigating internship opportunities and researching potential internship sites. Information on internships is available here. • Students interested in conducting supervised research with a faculty member should initiate contact with faculty members who perform research in their content area of interest. Information on research areas in the School of Geographical Sciences and Urban Planning is available here. |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Upper Division Elective | 3 | | |
| Complete 2 courses: | 6 | | |
| Elective | | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  GIS 470: Advanced Statistics for Geography and Planning (CS) | 3 | | <ul style="list-style-type: none"> • Students interested in continuing to graduate study following the completion of the undergraduate program should start investigating potential graduate programs, including admissions requirements and deadlines. Information on the graduate programs offered through the School of Geographical Sciences and Urban Planning is available here. • Develop your professional online presence. |
|  GIS Upper Division Elective | 3 | C | |
| Upper Division Elective OR GIS 484: Internship | 3 | | |
| Complete 2 courses: | 6 | | |
| Elective | | | |
|  Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 106 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  GIS Upper Division Elective | 3 | C | <ul style="list-style-type: none"> • Students interested in entering the job market after graduation should start researching job opportunities. Information on careers in related fields is available here and here. • For more information on the Science and Society requirement, visit this webpage. |
| Upper Division Science and Society Elective | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective | 3 | | |
| Elective | 4 | | |
| Term hours subtotal: | 16 | | |

| Term 8 106 - 120 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|  Upper Division GIS Applied Experience Course | 3 | C | |
|  GIS Upper Division Elective | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |

Complete 2 courses:
Upper Division Elective

5

Term hours subtotal: 14

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

| GIS Applied Experience Courses | Related Area Courses |
|-------------------------------------|---|
| GIS 484: Internship | CEE OR CSE OR EEE OR EGR OR FSE OR GCU OR GIS OR GPH OR IEE OR PUP |
| GIS 498: Pro-Seminar | Elective |
| GIS 499: Individualized Instruction | |
| GPH 492: Honors Directed Study | |
| GPH 493: Honors Thesis (L) | |

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map

Geographic Information Science, BS




School/College: [The College of Liberal Arts and Sciences](#)



Location: [Online](#)

LAGISBS

| Term 1 - A 0 - 7 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • MAT 170 is the required math course for this major. If a student does not qualify for MAT 170 enrollment, they should enroll in MAT 117 to prepare for MAT 170. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Select your career interest area and play me3@asu.edu. |
|  Mathematics (MA) | 3 | C | |
| ASU 101-UC: The ASU Experience | 1 | | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 13 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | <ul style="list-style-type: none"> • View ASU Online first-year student registration information here. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 2 - A 13 - 19 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • Students should become actively involved with a student organization. Information on ASU student organizations sponsored by the School of Geographical Sciences and Urban Planning is available here. • Mathematics Placement Assessment score determines placement in mathematics course. |
|  MAT 170: Precalculus (MA) | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 2 - B 19 - 25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  GIS 205: Geographic Information Science I (CS) | 3 | C | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 6 | | |



| Term 3 - A 25 - 31 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  GIS 222: Programming Principles in GIS I | 3 | C | |

Social-Behavioral Sciences (SB) AND Global Awareness (G) 3



Term hours subtotal: 6

- GIS 222 is offered in Session A of every Fall semester. If your specific Term 3-A is in a Spring semester, your major course would be GIS 211.
- **Network** in your career interest area.

| Term 3 - B 31 - 38 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| Related Area Course | 3 | C | <ul style="list-style-type: none"> • Develop your skills. |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 7 | | |


| Term 4 - A 38 - 45 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  GIS 211: Geographic Information Science II (CS) | 4 | C | <ul style="list-style-type: none"> • GIS 211 is offered in Session A of every Spring semester. If your specific Term 4-A is in a Fall semester, your major course would be GIS 222. |
| Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 4 - B 45 - 51 Credit Hours | Hours | Minimum Grade | Notes |
|----------------------------------|-------|---------------|--|
| Related Area Course | 3 | C | <ul style="list-style-type: none"> • Students interested in completing an internship should start investigating internship opportunities and researching potential internship sites. More information on internships is available here. |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - A 51 - 57 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  GIS 270: Statistics for Geography and Planning | 3 | C | <ul style="list-style-type: none"> • For a full list of Science and Society courses, go here. |
| Science and Society Elective | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 5 - B 57 - 64 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  GIS 311: Geographic Information Science III (CS) | 4 | C | <ul style="list-style-type: none"> • GIS 311 is offered in Session B of every Spring semester. If your specific Term 5-B is in a Fall semester, your major course would be GIS 322. • Develop your professional online presence. |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 6 - A 64 - 70 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Upper Division Elective | 2 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 70 - 76 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | |
|--|---|---|
| ★ GIS 322: Programming Principles in GIS II | 3 | C |
| Elective | 3 | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |
| Term hours subtotal: | 6 | |

- GIS 322 is offered in Session B of every Fall semester. If your specific Term 6-B is in a Spring semester, your major course would be GIS 311.
- Students interested in continuing to graduate study following the completion of the undergraduate program should start investigating potential graduate programs, including admissions requirements and deadlines. Information on graduate programs offered through ASU's School of Geographical Sciences and Urban Planning is available [here](#).

| Term 7 - A 76 - 82 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ GIS 470: Advanced Statistics for Geography and Planning (CS) | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 82 - 90 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Complete 2 courses: Elective | 5 | | |
| Term hours subtotal: | 8 | | |

- Students interested in entering the job market after graduation should start researching job opportunities. Information on careers in related fields is available [here](#).
- Create a first draft [resume](#).

| Term 8 - A 90 - 96 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ GIS Upper Division Elective | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

- Complete an in person or virtual [practice interview](#).

| Term 8 - B 96 - 102 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ GIS Upper Division Elective | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - A 102 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ GIS Upper Division Elective | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

- Gather [professional references](#).

| Term 9 - B 108 - 114 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| Upper Division Science and Society Elective | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

- For more information about the Science and Society requirement, visit [this webpage](#).
- Students planning to enter the job market should apply for [full-time career opportunities](#).

| Term 10 - A 114 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ Upper Division GIS Applied Experience Course | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | | 6 | |

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

| GIS Applied Experience Courses | Related Area Courses |
|-------------------------------------|--|
| GIS 484: Internship | CEE OR CSE OR EEE OR EGR OR FSE OR GCU OR GIS OR GPH OR IEE OR PUP |
| GIS 498: Pro-Seminar | Elective |
| GIS 499: Individualized Instruction | |
| GPH 492: Honors Directed Study | |
| GPH 493: Honors Thesis (L) | |

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.









2020 - 2021 Major Map

Geography, BA

School/College: [The College of Liberal Arts and Sciences](#)

Location: [Tempe campus](#)

LAGCUBA

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| <p> ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition</p> | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. • Mathematics Assessment Placement score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. • Set up your Handshake account, play me3@ASU and select your career interest area. |
| <p>GCU 102: Introduction to Human Geography (SB & G) OR GCU 121: World Geography (SB & G) or GCU 241: The Global Economy in</p> | 3 | C | |
| <p> Transition (SB & G) OR GIS 205: Geographic Information Science I (CS) OR GPH 111: Introduction to Physical Geography (SQ) AND GPH 112: Introduction to Physical Geography Lab (SQ)</p> | | | |
| <p>LIA 101: Student Success in The College of Liberal Arts and Sciences</p> | 1 | | |
| <p>Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.</p> | 4 | C | |
| <p>Humanities, Arts and Design (HU) AND Historical Awareness (H)</p> | 3 | | |
| <p>Elective</p> | 2 | | |
| Term hours subtotal: | 16 | | |
| Term 2 16 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
| <p> ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition</p> | 3 | C | <ul style="list-style-type: none"> • Students should become actively involved with a student organization. Information on ASU student organizations sponsored by the School of Geographical Sciences and Urban Planning is available here. |
| <p>GCU 102: Introduction to Human Geography (SB & G) OR GCU 121: World Geography (SB & G) or GCU 241: The Global Economy</p> | 3 | C | |
| <p> in Transition (SB & G) OR GIS 205: Geographic Information Science I (CS) OR GPH 111: Introduction to Physical Geography (SQ) AND GPH 112: Introduction to Physical Geography Lab (SQ)</p> | | | |
| <p>MAT 142: College Mathematics (MA)</p> | 3 | C | |
| <p>Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.</p> | 4 | C | |
| <p>Elective</p> | 1 | | |
| <p>Complete ENG 101 OR ENG 105 OR ENG 107 course(s).</p> | | | |
| Term hours subtotal: | 14 | | |
| Term 3 30 - 46 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
| <p>GCU 102: Introduction to Human Geography (SB & G) OR GCU 121: World Geography (SB & G) or GCU 241: The Global Economy in</p> | 3 | C | <ul style="list-style-type: none"> • Visit Career and Professional Development Services and meet with a career advisor for assistance with career planning and networking. |
| <p> Transition (SB & G) OR GIS 205: Geographic Information Science I (CS) OR GPH 111: Introduction to Physical Geography (SQ) AND GPH 112: Introduction to Physical Geography Lab (SQ)</p> | | | |
| <p>Related Area Course</p> | 3 | C | |

Second Language: Requirement satisfied through the following:
 * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. 4 C

Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) 3

Literacy and Critical Inquiry (L) 3

❗ Complete First-Year Composition requirement.

❗ Complete Mathematics (MA) requirement.

Term hours subtotal: 16

| Term 4 46 - 61 Credit Hours Critical course signified by ❗ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

GCU 102: Introduction to Human Geography (SB & G) OR GCU 121: World Geography (SB & G) or GCU 241: The Global Economy in Transition (SB & G) OR GIS 205: Geographic Information Science I (CS) OR GPH 111: Introduction to Physical Geography (SQ) AND GPH 112: Introduction to Physical Geography Lab (SQ) 4 C

- Students interested in completing an internship should start investigating internship opportunities and researching potential internship sites. Information on internships is available [here](#).

Second Language: Requirement satisfied through the following:
 * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. 4 C

Natural Science - General (SG) OR Natural Science - Quantitative (SQ) 4

Elective 3

Term hours subtotal: 15

| Term 5 61 - 76 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

★ GCU OR GIS OR GPH Upper Division Elective 3 C

Related Area Course 3 C

Upper Division Social-Behavioral Sciences (SB) OR Upper Division Humanities, Arts and Design (HU) 3

Complete 2 courses:
 Upper Division Elective 6

Term hours subtotal: 15

- Students interested in conducting supervised research with a faculty member should initiate contact with faculty members who perform research in their content area of interest. Information on research areas in the School of Geographical Sciences and Urban Planning is available [here](#).

| Term 6 76 - 91 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

★ GCU Upper Division Elective OR GCU 484: Internship 3 C

Related Area Course 3 C

Upper Division Elective 3

Complete 2 courses:
 Elective 6

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal: 15

- Students interested in continuing to graduate study following the completion of the undergraduate program should start investigating potential graduate programs, including admissions requirements and deadlines. Information on the graduate programs offered through the School of Geographical Sciences and Urban Planning is available [here](#).
- Use Handshake to research **employment opportunities**

| Term 7 91 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

★ GCU OR GIS OR GPH Upper Division Elective 3 C

GCU Upper Division Elective OR GCU 484: Internship 3 C

- Students interested in entering the job market after graduation should start researching job

| | |
|-------------------------|----|
| Complete 2 courses: | 6 |
| Upper Division Elective | |
| Elective | 2 |
| Term hours subtotal: | 14 |

opportunities. Information on careers in related fields is available [here](#) and [here](#).

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ GCU 496: Geographic Research Methods (L) | 3 | C | |
| GCU OR GIS OR GPH Upper Division Elective | 3 | C | |
| Complete 3 courses: | 9 | | |
| Upper Division Elective | | | |
| Term hours subtotal: | 15 | | |

Hide Course List(s)/Track Group(s)

Related Area Courses

ASB OR GCU OR GIS OR GPH OR POS OR PUP OR SGS OR SOC OR SOS Elective

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.

2020 - 2021 Major Map


Geography, BA


School/College: [The College of Liberal Arts and Sciences](#)




Location: [Online](#)

LAGCUBA

| Term 1 - A 0 - 7 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ASU 101-UC: The ASU Experience | 1 | | <ul style="list-style-type: none"> An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses Mathematics Placement Assessment score determines placement in mathematics course ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 13 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| GCU 102: Introduction to Human Geography (SB & G) OR GCU 121: World Geography (SB & G) OR GIS 205: Geographic Information Science I (CS) OR GPH 111: Introduction to Physical Geography (SQ) AND GPH 112: Introduction to Physical Geography Lab (SQ) | 3 | C | <ul style="list-style-type: none"> Selection of general studies courses will be determined by elective courses taken that can also be used toward the major. View ASU Online first-year student registration information here. Set up your Handshake account, play me3@asu and select your career interest area. |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 6 | | |


| Term 2 - A 13 - 19 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| GCU 102: Introduction to Human Geography (SB & G) OR GCU 121: World Geography (SB & G) OR GIS 205: Geographic Information Science I (CS) OR GPH 111: Introduction to Physical Geography (SQ) AND GPH 112: Introduction to Physical Geography Lab (SQ) | 3 | C | <ul style="list-style-type: none"> Students should become actively involved with a student organization. Information on ASU student organizations sponsored by the School of Geographical Sciences and Urban Planning is available here. |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| Term hours subtotal: | 6 | | |

| Term 2 - B 19 - 25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  MAT 142: College Mathematics (MA) | 3 | C | |
| Elective | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 3 - A 25 - 31 Credit Hours | Hours | Minimum Grade | Notes |
|---------------------------------|-------|---------------|-------|
| Related Area Course | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

- Visit [Career and Professional Development Services](#) and speak with a career advisor for assistance with career planning and networking.

| Term 3 - B 31 - 37 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|


| | | | |
|---|---|---|--|
| GCU 102: Introduction to Human Geography (SB & G) OR GCU 121: World Geography (SB & G) OR GIS 205: Geographic Information Science I (CS) OR GPH 111: Introduction to Physical Geography (SQ) AND GPH 112: Introduction to Physical Geography Lab (SQ) | 3 | C | |
| Elective | 3 | | |
|  Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 6 | | |


| Term 4 - A 37 - 44 Credit Hours | Hours | Minimum Grade | Notes |
|---------------------------------|-------|---------------|-------|
|---------------------------------|-------|---------------|-------|

| | | | |
|---|---|---|--|
| Related Area Course | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Term hours subtotal: | 7 | | • Create your professional online presence on LinkedIn . |

| Term 4 - B 44 - 51 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|


| | | | |
|---|---|---|--|
| GCU 102: Introduction to Human Geography (SB & G) OR GCU 121: World Geography (SB & G) OR GIS 205: Geographic Information Science I (CS) OR GPH 111: Introduction to Physical Geography (SQ) AND GPH 112: Introduction to Physical Geography Lab (SQ) | 4 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 5 - A 51 - 58 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | | |
|--|---|---|---|
|  Related Area Course | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Term hours subtotal: | 7 | | • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. |

| Term 5 - B 58 - 65 Credit Hours | Hours | Minimum Grade | Notes |
|---------------------------------|-------|---------------|-------|
|---------------------------------|-------|---------------|-------|

| | | | |
|--|---|---|--|
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 7 | | • Students interested in conducting supervised research with a faculty member should initiate contact with faculty members who perform research in their content area of interest. Information on research areas in the School of Geographical Sciences and Urban Planning is available here . |

| Term 6 - A 65 - 72 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | | |
|---|---|---|--|
|  GCU Upper Division Elective | 3 | C | |
|---|---|---|--|

Second Language: Requirement satisfied through the following: 4 C
 * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.

Term hours subtotal: 7

- Students interested in continuing to graduate study following the completion of the bachelors program should start investigating potential graduate programs including admissions requirements and deadlines. Information on the graduate programs offered through the School of Geographical Sciences and Urban Planning is available [here](#).

| Term 6 - B 72 - 78 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

Second Language: Requirement satisfied through the following: 4 C
 * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.

Elective 2

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal: 6

| Term 7 - A 78 - 84 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

★ GCU Upper Division Elective 3 C

Upper Division Elective 3

Term hours subtotal: 6

- Students interested in entering the job market after graduation should start researching job opportunities. Information on careers in related fields is available [here](#) and [here](#).

| Term 7 - B 84 - 90 Credit Hours | Hours | Minimum Grade | Notes |
|---------------------------------|-------|---------------|-------|
|---------------------------------|-------|---------------|-------|

Complete 2 courses: 6
 Upper Division Elective

Term hours subtotal: 6

| Term 8 - A 90 - 96 Credit Hours | Hours | Minimum Grade | Notes |
|---------------------------------|-------|---------------|-------|
|---------------------------------|-------|---------------|-------|

Upper Division Social-Behavioral Sciences (SB) OR Upper Division Humanities, Arts and Design (HU) 3

Upper Division Elective 3

Term hours subtotal: 6

| Term 8 - B 96 - 102 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

★ GCU OR GIS OR GPH Upper Division Elective 3 C

Upper Division Elective 3

Term hours subtotal: 6

- Use [Handshake](#) to research employment opportunities.

| Term 9 - A 102 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

★ GCU OR GIS OR GPH Upper Division Elective 3 C



Upper Division Elective 3

Term hours subtotal: 6

| Term 9 - B 108 - 114 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

★ GCU OR GIS OR GPH Upper Division Elective 3 C

- Gather [professional references](#).

| | | | |
|--|--------------|----------------------|--------------|
| Upper Division Elective | 3 | | |
| Term hours subtotal: | | 6 | |
| Term 10 - A 114 - 120 Credit Hours Necessary course signified by | | | |
|  | Hours | Minimum Grade | Notes |
|  GCU 496: Geographic Research Methods (L) | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | | 6 | |

- Update and polish your **resume**.

Hide Course List(s)/Track Group(s)

Related Area Courses

ASB OR GCU OR GIS OR GPH OR POS OR
PUP OR SGS OR SOC OR SOS Elective

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.


2020 - 2021 Major Map


Geography, BS




School/College: The College of Liberal Arts and Sciences


Location: Tempe campus

LAGCUBS

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| GCU 102: Introduction to Human Geography (SB & G) OR GIS 205: Geographic Information Science I (CS) OR GPH 111: Introduction to Physical Geography (SQ) AND GPH 112: Introduction to Physical Geography Lab (SQ) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Select your career interest area and play me3@ASU. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Complete 2 courses: Elective | 6 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| GCU 102: Introduction to Human Geography (SB & G) OR GIS 205: Geographic Information Science I (CS) OR GPH 111: Introduction to Physical Geography (SQ) AND GPH 112: Introduction to Physical Geography Lab (SQ) | 3 | C | <ul style="list-style-type: none"> • Students should become actively involved with a student organization. Information on ASU student organizations sponsored by the School of Geographical Sciences and Urban Planning is available here. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Elective | 1 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 14 | | |

| Term 3 30 - 46 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| GCU 102: Introduction to Human Geography (SB & G) OR GIS 205: Geographic Information Science I (CS) OR GPH 111: Introduction to Physical Geography (SQ) AND GPH 112: Introduction to Physical Geography Lab (SQ) | 4 | C | <ul style="list-style-type: none"> • For a full list of Science and Society courses, go here. |
| Science and Society Elective | 3 | C | |
| Complete 3 courses: Elective | 9 | | |
|  Complete First-Year Composition requirement. | | | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 46 - 61 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|---|----|---|
| 📌 GIS 270: Statistics for Geography and Planning | 3 | C |
| Related Coursework | 3 | C |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | |
| Social-Behavioral Sciences (SB) | 3 | |
| Elective | 3 | |
| Term hours subtotal: | 15 | |

- Students interested in completing an internship should start investigating internship opportunities and researching potential internship sites. Information on internships is available [here](#).

| Term 5 61 - 76 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ GCU OR GIS OR GPH Upper Division Elective | 3 | C | <ul style="list-style-type: none"> • Students interested in conducting supervised research with a faculty member should initiate contact with faculty members who perform research in their content area of interest. Information on research areas in the School of Geographical Sciences and Urban Planning is available here. • For more information on the Science and Society requirement, go here. |
| Upper Division Science and Society Elective | 3 | C | |
| Related Coursework | 3 | C | |
| Complete 2 courses: | 6 | | |
| Upper Division Elective | | | |
| Term hours subtotal: | 15 | | |

| Term 6 76 - 91 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ GIS Upper Division Elective | 3 | C | <ul style="list-style-type: none"> • Students interested in continuing to graduate study following the completion of the undergraduate program should start investigating potential graduate programs, including admissions requirements and deadlines. Information on the graduate programs offered through the School of Geographical Sciences and Urban Planning is available here. • Use Handshake to research employment opportunities. |
| Related Coursework | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| GPH Upper Division Elective OR GPH 484: Internship | 3 | C | |
| Upper Division Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 91 - 106 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ GPH Upper Division Elective OR GPH 484: Internship | 3 | C | <ul style="list-style-type: none"> • Students interested in entering the job market after graduation should start researching job opportunities. Information on careers in related fields is available here and here. |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Complete 3 courses: | 9 | | |
| Upper Division Elective | | | |
| Term hours subtotal: | 15 | | |

| Term 8 106 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ GCU 496: Geographic Research Methods (L) | 3 | C | |
| GCU OR GIS OR GPH Upper Division Elective | 3 | C | |
| Upper Division Elective | 3 | | |
| Complete 2 courses: | 5 | | |
| Elective | | | |
| Term hours subtotal: | 14 | | |

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

Related Coursework

ASM OR GCU OR GIS OR GPH OR POS OR
PUP OR SGS OR SOC OR SOS Elective

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

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General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.

2020 - 2021 Major Map


Geography, BS


School/College: [The College of Liberal Arts and Sciences](#)



Location: [Online](#)


LAGCUBS




| Term 1 - A 0 - 7 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ASU 101-UC: The ASU Experience | 1 | | <ul style="list-style-type: none"> An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses Mathematics Placement Assessment score determines placement in mathematics course ASU 101 or college-specific equivalent First-Year Seminar is required for all first-year students |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 13 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| GCU 102: Introduction to Human Geography (SB & G) OR GIS 205: Geographic Information Science I (CS) OR GPH 111: Introduction to Physical Geography (SQ) AND GPH 112: Introduction to Physical Geography Lab (SQ) | 3 | C | <ul style="list-style-type: none"> View ASU Online first-year student registration information here. Set up your Handshake account, play me3@asu and select your career interest area. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |



| Term 2 - A 13 - 19 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| GCU 102: Introduction to Human Geography (SB & G) OR GIS 205: Geographic Information Science I (CS) OR GPH 111: Introduction to Physical Geography (SQ) AND GPH 112: Introduction to Physical Geography Lab (SQ) | 3 | C | <ul style="list-style-type: none"> Students should become actively involved with a student organization. Information on ASU student organizations sponsored by the School of Geographical Sciences and Urban Planning is available here. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 6 | | |



| Term 2 - B 19 - 25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| MAT 142: College Mathematics (MA) | 3 | C | <ul style="list-style-type: none"> Mathematics Placement Assessment score determines placement in mathematics course |
| Elective | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 3 - A 25 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| GCU 102: Introduction to Human Geography (SB & G) OR GIS 205: Geographic Information Science I (CS) OR GPH 111: Introduction to Physical Geography (SQ) AND GPH 112: Introduction to Physical Geography Lab (SQ) | 4 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 7 | | |



| Term 3 - B 32 - 38 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| Science and Society Elective | 3 | C | <ul style="list-style-type: none"> For a full list of Science and Society courses, go here. |
| Social-Behavioral Sciences (SB) | 3 | | |
|  Complete First-Year Composition requirement. | | | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 6 | | |

| Term 4 - A 38 - 45 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| Related Area Course | 3 | C | <ul style="list-style-type: none"> Create your online professional presence on LinkedIn. |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 4 - B 45 - 51 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  GIS 270: Statistics for Geography and Planning | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - A 51 - 57 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  GCU OR GIS OR GPH Upper Division Elective | 3 | C | <ul style="list-style-type: none"> Visit Career and Professional Development Services and schedule an appointment to speak with a career advisor for assistance with career planning and networking. |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - B 57 - 63 Credit Hours | Hours | Minimum Grade | Notes |
|-----------------------------------|-------|---------------|---|
| Related Area Course | 3 | C | <ul style="list-style-type: none"> Students interested in conducting supervised research with a faculty member should initiate contact with faculty members who perform research in their content area of interest. Information on research areas in the School of Geographical Sciences and Urban Planning is available here. |
| Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - A 63 - 69 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  GPH Upper Division Elective | 3 | C | <ul style="list-style-type: none"> Students interested in continuing to graduate study following the completion of the bachelors program should start investigating potential graduate programs, including admissions requirements and deadlines. Information on the graduate programs offered through the School of Geographical Sciences and Urban Planning is available here. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 69 - 75 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| GIS Upper Division Elective | 3 | C | |

Elective 3

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal: 6

| Term 7 - A 75 - 81 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | | |
|-------------------------------|---|---|--|
| ★ GPH Upper Division Elective | 3 | C | |
|-------------------------------|---|---|--|

| | | | |
|-------------------------|---|--|--|
| Upper Division Elective | 3 | | |
|-------------------------|---|--|--|

Term hours subtotal: 6

| Term 7 - B 81 - 87 Credit Hours | Hours | Minimum Grade | Notes |
|---------------------------------|-------|---------------|-------|
|---------------------------------|-------|---------------|-------|

| | | | |
|--|---|--|--|
| Complete 2 courses: Upper Division Elective | 6 | | |
|--|---|--|--|

Term hours subtotal: 6

- Students interested in entering the job market after graduation should start researching job opportunities. Information on careers in related fields is available [here](#) and [here](#).

| Term 8 - A 87 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | | |
|---|---|---|--|
| ★ GCU OR GIS OR GPH Upper Division Elective | 3 | C | |
|---|---|---|--|

| | | | |
|---|---|---|--|
| Upper Division Science and Society Elective | 3 | C | |
|---|---|---|--|

Term hours subtotal: 6

- For more information about the Science and Society requirement, go [here](#).

| Term 8 - B 93 - 99 Credit Hours | Hours | Minimum Grade | Notes |
|---------------------------------|-------|---------------|-------|
|---------------------------------|-------|---------------|-------|

| | | | |
|---|---|--|--|
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
|---|---|--|--|

| | | | |
|----------|---|--|--|
| Elective | 3 | | |
|----------|---|--|--|

Term hours subtotal: 6

| Term 9 - A 99 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | | |
|-----------------------|---|---|--|
| ★ Related Area Course | 3 | C | |
|-----------------------|---|---|--|

| | | | |
|-------------------------|---|--|--|
| Upper Division Elective | 3 | | |
|-------------------------|---|--|--|

Term hours subtotal: 6

- Use [Handshake](#) to research employment opportunities.

| Term 9 - B 105 - 111 Credit Hours | Hours | Minimum Grade | Notes |
|-----------------------------------|-------|---------------|-------|
|-----------------------------------|-------|---------------|-------|

| | | | |
|--|---|--|--|
| Complete 2 courses: Upper Division Elective | 6 | | |
|--|---|--|--|

Term hours subtotal: 6

- Gather [professional references](#)
- Update and polish your [resume](#)

| Term 10 - A 111 - 117 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | | |
|--|---|---|--|
| ★ GCU 496: Geographic Research Methods (L) | 3 | C | |
|--|---|---|--|

| | | | |
|----------|---|--|--|
| Elective | 3 | | |
|----------|---|--|--|

Term hours subtotal: 6

| Term 10 - B 117 - 120 Credit Hours | Hours | Minimum Grade | Notes |
|------------------------------------|-------|---------------|-------|
|------------------------------------|-------|---------------|-------|

| | | | |
|-------------------------|---|--|--|
| Upper Division Elective | 3 | | |
|-------------------------|---|--|--|

Term hours subtotal: 3

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

Related Area Courses

ASM OR GCU OR GIS OR GPH OR POS OR
PUP OR SGS OR SOC OR SOS Elective

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.


2020 - 2021 Major Map




Geography (Meteorology-Climatology), BS





School/College: The College of Liberal Arts and Sciences




Location: Tempe campus



LAGCUMBS





| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| GCU 102: Introduction to Human Geography (SB & G) OR GIS 205: Geographic Information Science I (CS) OR GPH 111: Introduction to Physical Geography (SQ) AND GPH 112: Introduction to Physical Geography Lab (SQ) | 3 | C | <ul style="list-style-type: none"> An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. Mathematical Placement Assessment score determines placement in mathematics course. ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. GPH 191 is also recommended. Set up your Handshake account, play me3 and select your career area of interest. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 1 | | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| GCU 102: Introduction to Human Geography (SB & G) OR GIS 205: Geographic Information Science I (CS) OR GPH 111: Introduction to Physical Geography (SQ) AND GPH 112: Introduction to Physical Geography Lab (SQ) | 3 | C | <ul style="list-style-type: none"> Students should become actively involved with a student organization. Information on ASU student organizations sponsored by the School of Geographical Sciences and Urban Planning is available here. GPH 213 is recommended for the Science and Society requirement. For a full list of Science and Society courses, go here. |
|  MAT 270: Calculus with Analytic Geometry I (MA) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Science and Society Elective | 3 | C | |
| Elective | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 45 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| GCU 102: Introduction to Human Geography (SB & G) OR GIS 205: Geographic Information Science I (CS) OR GPH 111: Introduction to Physical Geography (SQ) AND GPH 112: Introduction to Physical Geography Lab (SQ) | 4 | C | <ul style="list-style-type: none"> Students should meet with their academic advisor to discuss the requirements to obtain National Weather Service certification. |
|  MAT 271: Calculus with Analytic Geometry II (MA) | 4 | C | |
|  PHY 121: University Physics I: Mechanics (SQ) AND PHY 122: University Physics Laboratory I (SQ) | 4 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
|  Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 15 | | |

| Term 4 45 - 60 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  MAT 272: Calculus with Analytic Geometry III (MA) | 4 | C | <ul style="list-style-type: none"> Visit Career and Professional Development Services and meet with a career advisor for assistance with career planning and networking. |
|  PHY 131: University Physics II: Electricity and Magnetism (SQ) AND PHY 132: University Physics Laboratory II (SQ) | 4 | C | |
| GIS 270: Statistics for Geography and Planning | 3 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Elective | 1 | | |
| Term hours subtotal: | 15 | | |

| Term 5 60 - 74 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  GPH 409: Synoptic Meteorology I | 4 | C | <ul style="list-style-type: none"> GPH 409 is offered once every two years--during the Fall semester of odd-numbered years (so it may be a Term 7 course) Students interested in completing an internship should start investigating internship opportunities and researching potential internship sites. Information on internships is available here. Students interested in conducting supervised research with a faculty member should initiate contact with faculty members who perform research in their content area of interest. Information on research areas in the School of Geographical Sciences and Urban Planning is available here. For more information on the Science and Society requirement, go here. |
| Upper Division Science and Society Elective | 3 | C | |
| GIS Upper Division Elective | 3 | C | |
| Elective | 4 | | |
| Term hours subtotal: | 14 | | |

| Term 6 74 - 90 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  GPH 410: Synoptic Meteorology II | 4 | C | <ul style="list-style-type: none"> GPH 410 is offered once every two years--during the Spring semester of even-numbered years (so it may be a Term 8 course). GPH 412 is offered once every two years--during the Spring semester of even-numbered years (so it may be a Term 8 course). Students interested in continuing to graduate study following the completion of the undergraduate program should start investigating potential graduate programs, including admissions requirements and deadlines. Information on the graduate programs offered through the School of Geographical Sciences and Urban Planning is available here. |
|  GPH 412: Physical Meteorology | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Complete 2 courses: Upper Division Elective | 6 | | |
|  Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  GPH 474: Dynamic Meteorology I | 3 | C | |

| | |
|--|----|
| Upper Division Elective OR GCU 484: Internship OR GIS 484: Internship OR GPH 484: Internship | 3 |
| Complete 3 courses: | |
| Elective | 9 |
| Term hours subtotal: | 15 |

- GPH 474 is offered once every two years--during the Fall semester of even-numbered years (so it may be a Term 5 course)
- Students interested in entering the job market after graduation should start researching job opportunities. Information on careers in related fields is available [here](#) and [here](#).
- Students should verify with their academic advisor that they will meet all requirements necessary to obtain National Weather Service certification after graduation.

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ GCU 496: Geographic Research Methods (L) | 3 | C | <ul style="list-style-type: none"> • GPH 475 is offered once every two years--during the Spring semester of odd-numbered years (so it may be a Term 6 course) |
| ★ GPH 475: Dynamic Meteorology II | 3 | C | |
| Complete 2 courses: | | | |
| Upper Division Elective | 7 | | |
| Elective | 2 | | |
| Term hours subtotal: | 15 | | |

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)

- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.

2020 - 2021 Major Map

Journalism and Mass Communication, BA

School/College: Walter Cronkite School of Journalism & Mass Comm

Location:
CSJMCBA

and














Geography

(Meteorology-Climatology),

BS

The College of Liberal Arts and Sciences

LAGCUMBS

| Term 1 0 - 17 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes | |
|--|-------|---------------|---|-------|
|  JMC 101: Grammar for Journalists | 1 | B- | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students should take a placement exam, regardless of prior credit earned. | |
|  JMC 110: Principles and History of Journalism (SB) | 3 | C | | |
|  MAT 170: Precalculus (MA) | 3 | C | | |
| ASU 101-CS: The ASU Experience | 1 | | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | | |
| JMC 102: Coding for Journalists | 1 | C | | |
| JMC 120: Studio Production | 1 | C | | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | | |
|  Minimum 2.50 GPA ASU Cumulative. | | | | |
| Term hours subtotal: | 17 | | | |
| Term 2 17 - 35 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes | |
|  GPH 111: Introduction to Physical Geography (SQ) | 3 | C | <ul style="list-style-type: none"> • Select your career interest area and play me3@ASU | |
|  GPH 112: Introduction to Physical Geography Lab (SQ) | 1 | C | | |
|  JMC 201: News Reporting and Writing (L) | 3 | C | | |
|  MAT 270: Calculus with Analytic Geometry I (MA) | 4 | C | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | | |
|  Minimum 2.50 GPA ASU Cumulative. | | | | |
| Term hours subtotal: | 18 | | | |
| Term 3 35 - 53 Credit Hours Critical course signified by  | Hours | Minimum Grade | | Notes |

| | | |
|--|----|---|
| ❗ JMC 305: Multimedia Journalism | 3 | C |
| ❗ MAT 271: Calculus with Analytic Geometry II (MA) | 4 | C |
| ❗ PHY 121: University Physics I: Mechanics (SQ) AND PHY 122: University Physics Laboratory I (SQ) | 4 | C |
| JMC 366: Journalism Ethics and Diversity | 3 | C |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C |
| ❗ Complete First-Year Composition requirement. | | |
| ❗ Minimum 2.50 GPA ASU Cumulative. | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 18 | |

- Develop your **professional online presence**
- Develop your **skills**

| Term 4 53 - 71 Credit Hours Critical course signified by ❗ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ❗ JMC 301: Intermediate Reporting and Writing (L) | 3 | C | <ul style="list-style-type: none"> • Students should consult with an academic adviser to determine a journalism path and appropriate course selections for JMC Advanced Skill courses. |
| ❗ MAT 272: Calculus with Analytic Geometry III (MA) | 4 | C | |
| ❗ PHY 131: University Physics II: Electricity and Magnetism (SQ) AND PHY 132: University Physics Laboratory II (SQ) | 4 | C | |
| JMC 345: Videography | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent). AND Global Awareness (G) | 4 | C | |
| ❗ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 18 | | |

| Term 5 71 - 87 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ JMC 330: Television Reporting | 3 | C | <ul style="list-style-type: none"> • GPH 409 is offered once every two years--during the Fall semester of odd-numbered years (so it may be a Term 7 course) • The Science and Society course list is found here. • Explore an internship |
| ★ JMC 473: The Business and Future of Journalism | 3 | C | |
| GPH 212: Introduction to Meteorology (SQ) | 3 | C | |
| GPH 314: Global Change (HU & G) OR Upper Division Science and Society Elective | 3 | | |
| GPH 409: Synoptic Meteorology I | 4 | C | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 6 87 - 103 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ JMC 484: Internship | 3 | Y | <ul style="list-style-type: none"> • GPH 410 is offered once every two years--during the Spring semester of even-numbered years (so it may be a Term 8 course) • GPH 412 is offered once every two years--during the Spring semester of even-numbered years (so it may be a Term 8 course) • Advanced Skills Course should be selected in consultation with your academic advisor |
| GPH 213: Climate and Weather (SG) OR Science and Society Elective | 3 | C | |
| GPH 410: Synoptic Meteorology II | 4 | C | |
| GPH 412: Physical Meteorology | 3 | C | |
| Upper Division JMC Advanced Skills Course | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | | | |

★ Minimum 2.50 GPA ASU Cumulative.

• The Science and Society course list is found [here](#).

Term hours subtotal: 16

| Term 7 103 - 121 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ JMC 478: Cronkite News: Phoenix Bureau | 3 | C | <ul style="list-style-type: none"> • GPH 474 is offered once every two years--during the Fall semester of even-numbered years (so it may be a Term 5 course) • Complete an in person or virtual practice interview |
| GIS 270: Statistics for Geography and Planning | 3 | C | |
| GPH 474: Dynamic Meteorology I | 3 | C | |
| POS 110: American Government and Politics (SB) OR POS 310: American National Government (SB) | 3 | | |
| SOC 101: Introductory Sociology (SB) OR PSY 101: Introduction to Psychology (SB) | 3 | | |
| U.S. History Course AND Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | | 18 | |

| Term 8 121 - 139 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ GPH 475: Dynamic Meteorology II | 3 | C | <ul style="list-style-type: none"> • GPH 475 is offered once every two years--during the Spring semester of odd-numbered years (so it may be a Term 6 course) |
| ★ JMC OR MCO Upper Division Elective | 3 | C | |
| ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB) | 3 | | |
| GIS 205: Geographic Information Science I (CS) | 3 | C | |
| JMC 402: Mass Communication Law | 3 | C | |
| Philosophy Course AND Humanities, Arts and Design (HU) | 3 | | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | | 18 | |

- Advanced Skills course should be selected in consultation with academic advisor.
- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

| Philosophy | U.S. History | Advanced Skills Courses |
|--|---|---|
| HON 171: The Human Event (L or HU) | HST 327: Women in U.S. History 1600 to 1880 ((HU or SB) & C & H) | JMC 320: Newscast Producing |
| PHI 101: Introduction to Philosophy (HU) | HST 328: Women in U.S. History 1880-1980 ((HU or SB) & C & H) | JMC 351: Photojournalism I |
| PHI 103: Principles of Sound Reasoning (L or HU) | HST 334: African American History Since 1865 ((HU or SB) & C & H) | JMC 414: Digital Graphic Design |
| PHI 105: Intro to Ethics (HU) | | JMC 421: Advanced Digital Storytelling |
| PHI 306: Applied Ethics (HU) | | JMC 430: Sports Marketing and Campaigns |
| | | JMC 434: Advanced Bilingual Reporting |

HST 337: American Indian History to 1900
(HU or SB) & C & H

HST 338: American Indian History since 1900
(HU or SB) & C & H

JMC 437: Documentary Production

JMC 451: Photojournalism II

JMC 452: Visual Storytelling

JMC 453: Reporting on Business and the
Economy

JMC 455: Digital Media Entrepreneurship

JMC 457: Advanced Radio Reporting

JMC 460: Advanced Online Media

JMC 465: Telling Stories with Data

JMC 470: Depth Reporting

JMC 477: New Media Innovation and
Entrepreneurship Lab

JMC 478: Cronkite News: Los Angeles

JMC 478: Cronkite News: Phoenix Bureau

JMC 479: Cronkite News: Washington Bureau

JMC 480: Cronkite News: Phoenix Sports
Bureau

JMC 481: Cronkite News: Los Angeles Sports
Bureau

JMC 485: Television Magazine

JMC 486: Digital Audiences Lab

Total Hours: 139

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.









2020 - 2021 Major Map

German, BA

School/College: The College of Liberal Arts and Sciences



Location: Tempe campus




LAGERBA

| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required for all first-year students. • ASU Language Placement: Only true beginners are eligible for 101-level language courses. Students with previous experience in the language are required to take a language placement test. • In term 1, students may opt to take GER 110, a 6 credit German intensive language course equivalent to GER 101 and GER 102. • Engage in German at ASU. Practice your language skills at the SILC Cafe. |
|  SLC 201: Introduction to Linguistics (HU or SB) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| GER 101: Elementary German I (G) | 4-6 | C | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Maintain 2.33 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 14-16 | | |
| Term 2 14 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • Start planning your study abroad experience. Learn about ASU Study Abroad faculty-directed summer program in Regensburg, Germany offered through the School of International Letters and Cultures and the ASU Study Abroad Office. • Attend an ASU Study Abroad Financing Your Study Abroad Program Workshop. • In term 2, students may opt to take GER 210, a 6 credit German intensive language course, equivalent to GER 201 and GER 202. |
| GER 102: Elementary German II (G) | 4-6 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Elective | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). Maintain 2.33 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 16-18 | | |
| Term 3 30 - 46 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
| GER 201: Intermediate German I (G) | 4 | C | <ul style="list-style-type: none"> • Explore your career interest areas. • Learn about research opportunities through the ASU Humanities Lab. |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Complete 2 courses: Elective | 6 | | |
|  Complete First-Year Composition requirement. | | | |
|  Complete Mathematics (MA) requirement. | | | |


Maintain 2.33 GPA in Critical Tracking Courses.



Term hours subtotal: 16

| Term 4 46 - 60 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  SLC 202: Introduction to Literary and Cultural Theory | 3 | C | <ul style="list-style-type: none"> • Meet with a School of International Letters and Cultures academic advisor to discuss the best study abroad options for your major. • Learn about national scholarships, fellowships, and research opportunities. |
| GER 202: Intermediate German II (G) | 4 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Maintain 2.33 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 14 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  GER 310: Advanced German Grammar and Composition I (G) | 3 | C | <ul style="list-style-type: none"> • Enroll in listed courses or in an ASU Study Abroad, School of International Letters and Cultures endorsed semester or academic year exchange program abroad in Germany at University of Heidelberg or University of Regensburg or University of Tuebingen. • Many upper-division elective courses have prerequisites which may be taken as electives in earlier semesters. • Learn about internships, scholarships and awards for language majors. |
|  GER 311: German Conversation (G) | 3 | C | |
| Upper Division Related Area Course | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Elective | 2 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  GER 312: Readings in German Culture (G) | 3 | C | <ul style="list-style-type: none"> • Many upper-division elective courses have prerequisites which may be taken as electives in earlier semesters. • Use Handshake to research employment opportunities. |
|  GER 313: Advanced German Grammar and Composition II (G) | 3 | C | |
| Upper Division German Elective | 3 | C | |
| GER 4** Elective | 3 | C | |
| Upper Division Elective OR GER 484: Internship | 3 | | |
|  Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  GER 421: German Literature Survey, 800-1800 (HU) | 3 | C | <ul style="list-style-type: none"> • Learn about ways to build your skills. |
| Complete 2 courses: | | | |
| GER 4** Elective | 6 | C | |
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  GER 422: German Literature Survey, 1800-Today (L or HU) | 3 | C | <ul style="list-style-type: none"> • Attend an ASU Career Services workshop or Job Fair. |
|  4** SLC Required Culture Course | 3 | C | |
| GER 4** Elective | 3 | C | |

Complete 2 courses:
Elective

6

Term hours subtotal: 15

- Up to two Related Area Courses (6 credit hours) may be substituted for GER 3** and/or GER 4** electives. SLC language and/or translation courses may not be used to satisfy the SLC 400-Level Required Course Option.

Hide Course List(s)/Track Group(s)

| Related Area Course | Upper Division German Elective | SLC 400-Level Required Culture Course Option |
|--|--|--|
| ARB OR BCS OR CHI OR FRE OR GER OR GRK OR HEB OR ITA OR JPN OR KOR OR LAT OR PLC OR POR OR ROM OR RUS OR SLV OR SPA OR VTN Upper Division Elective | GER 319: Business German (G) | SLC 414: French and Italian Popular Culture ((L or HU) & G) |
| | GER 394: Special Topics | SLC 415: Korean Popular Culture (HU & G) |
| | GER 431: German Humor | SLC 421: Ghosts Monsters and Supernatural in Jpn Lit&Film ((L or HU) & G) |
| APH 300: World Architecture I/Western Cultures (HU & H & G) | GER 441: Fairy Tales (HU & G) | SLC 421: Japanese Aesthetics ((L or HU) & G) |
| APH 336: 20th-Century Architecture I (HU) | GER 445: The Holocaust in German-Mediated Memory | SLC 421: Japanese Film and Animation 1945-present ((L or HU) & G) |
| APH 337: 20th-Century Architecture II (HU) | GER 446: Weimar-Era German Film | SLC 421: Japanese Literature in Translation ((L or HU) & G) |
| GCU 325: Geography of Europe (SB & G) | GER 447: German Modernism | SLC 421: Samurai and Geisha ((L or HU) & G) |
| HST 304: Studies in European History (SB & H) | GER 455: Berlin: Migration Arts and Activism (G) | SLC 421: Travel and Exploration in Early Modern Japan ((L or HU) & G) |
| HST 349: Early Middle Ages ((HU or SB) & H) | GER 492: Honors Directed Study | SLC 423: Italian Organized Crime in Films and History ((L or HU) & G) |
| HST 350: Later Middle Ages ((HU or SB) & H) | GER 493: Honors Thesis (L) | SLC 425: What is Globalization? A History of Contact and Conflict (HU & G) |
| HST 351: Renaissance Europe ((L or HU or SB) & H) | GER 494: Special Topics | SLC 429: What is Europe? ((L or HU) & G & H) |
| HST 352: Europe's Reformations ((L or HU or SB) & H) | GER 499: Individualized Instruction | SLC 439: Art in Exile: VladĀ-mir VladĀ-mirovich Nabokov (L or HU) |
| HST 353: Old Regime in Europe (SB & H) | | SLC 441: Fairy Tales (HU & G) |
| HST 354: Revolutionary Europe (SB & H) | | SLC 442: Dracula and Vampire Lore (HU) |
| HST 355: Total War and the Crisis of Modernity (SB & G & H) | | SLC 444: Heroes Ancient and Modern (L or HU) |
| HST 356: Europe since 1945 (SB & G & H) | | SLC 445: The Holocaust in German-Mediated Memory |
| HST 368: Culture and Imagination in European History (HU & H) | | SLC 446: Weimar-Era German Film |
| HST 429: Modern Germany (SB & G & H) | | SLC 447: German Modernism |
| MHL 344: Music in World Cultures (HU & G) | | SLC 450: Experimental Narrative |
| POS 340: History of Political Philosophy I (HU & H) | | |

| | |
|---|--|
| POS 341: History of Political Philosophy II (HU & H) | SLC 451: Chinese Cultural History I ((HU or SB) & H) |
| POS 352: European Democracies | SLC 452: Chinese Cultural History II (SB & G & H) |
| POS 356: European Union (SB & G) | SLC 455: Berlin: Migration Arts and Activism (G) |
| POS 360: World Politics (SB & G) | SLC 457: Premodern Korea in a Global Context |
| POS 486: International Political Economy (SB & G) | SLC 459: Latin American Jewish Culture |
| REL 372: Formation of the Christian Tradition (HU & H) | SLC 465: Intercultural Communicative Competence |
| REL 385: Contemporary Western Religious Thought (HU) | SLC 475: Latin American Film ((L or HU) & G) |
| REL 470: Religion in the Middle Ages (HU & H) | SLC 494: Special Topics |
| REL 471: Reformation and Modern Christianity (HU & H) | |
| SLC 340: Approaches to International Cinema (HU & G) | |
| SLC 429: Politics & Culture in European Short Fiction ((L or HU) & G & H) | |
| SLC 429: Staging Politics in Modern Europe ((L or HU) & G & H) | |
| SLC 429: Studies in European Literature and Culture ((L or HU) & G & H) | |
| SLC 429: Theatre and Politics in Modern Europe ((L or HU) & G & H) | |
| SLC 429: What is Europe? ((L or HU) & G & H) | |
| SLC 439: Art in Exile: VladĀ-mir VladĀ-mirovich Nabokov (L or HU) | |
| SLC 441: Fairy Tales (HU & G) | |
| SLC 445: The Holocaust in German-Mediated Memory | |
| SLC 446: Weimar-Era German Film | |
| SLC 447: German Modernism | |
| SLC 450: Experimental Narrative | |
| SLC 455: Berlin: Migration Arts and Activism (G) | |

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map




Global Health, BA



School/College: [The College of Liberal Arts and Sciences](#)

Location: [Tempe campus](#)

LASSHBA

| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  ASB 100: Introduction to Global Health (SB & G) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. ASB 191 satisfies this requirement. • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. • Select your career interest area and play me3@ASU. • Create a first draft resume. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ASB 102: Introduction to Cultural Anthropology (SB & G) OR ASM 104: Bones, Stones, and Human Evolution (SB or SG) OR Global Health Elective in Related Areas | 3-4 | C | <ul style="list-style-type: none"> • Build your professional connections -- join the ASU Mentor Network. • Join a student club or professional organization. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Elective | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16-17 | | |

| Term 3 30 - 44 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  ASB 394: Statistics for Social Scientists OR ASM 201: Epidemics and Outbreaks OR ASM 494: Bayesian Statistics in Theory and Practice OR HCD 300: Biostatistics (CS) OR PBH 300: Biostatistics (CS) OR SOC 390: Social Statistics I (CS) OR STP 226: Elements of Statistics (CS) OR STP 231: Statistics for Life Science (CS) | 3 | C | <ul style="list-style-type: none"> • Secure a part-time job or volunteer experience. • Develop your skills. |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |

Elective 3

◆ Complete First-Year Composition requirement.

◆ Complete Mathematics (MA) requirement.

Term hours subtotal: 14

| Term 4 44 - 60 Credit Hours Critical course signified by ◆ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ◆ Computer/Statistics/Quantitative Applications (CS) | 3 | | <ul style="list-style-type: none"> • Second language requirement must be completed by term 4. • All global health majors are required to go on a study abroad program either the summer after term 4, or the summer after term 6. The six hours in term Summer 4 reflect the six hours that must be completed abroad through the School of Human Evolution and Social Change. Please see academic advisor for study abroad program options. • Explore an internship. |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 2 | | |
| Term hours subtotal: | 16 | | |

| Summer 4 60 - 66 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| SSH 403: Cross-Cultural Studies in Global Health ((L or SB) & G) | 6 | C | |
| Term hours subtotal: | 6 | | |

| Term 5 66 - 81 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ Upper Division Global Health Core Course | 3 | C | <ul style="list-style-type: none"> • Develop your professional online presence. |
| Literacy and Critical Inquiry (L) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Complete 2 courses: Upper Division Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 6 81 - 96 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ Upper Division Global Health Core Course | 3 | C | <ul style="list-style-type: none"> • Research employment opportunities. • Complete an in person or virtual practice interview. |
| Global Health Elective in Related Areas | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Complete 2 courses: Upper Division Elective | 6 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 96 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ Upper Division Global Health Core Course | 3 | C | <ul style="list-style-type: none"> • Study abroad requirement must be completed by term 7. • Gather professional references. • Apply for full-time career opportunities. |
| Complete 3 courses: Upper Division Elective | 9 | | |
| Term hours subtotal: | 12 | | |

| | | Minimum | |
|--|--|---------|--|
|--|--|---------|--|

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Grade | Notes |
|---|-------|-------|-------|
| ★ Upper Division Global Health Practicum | 3 | C | |
| Global Health Elective in Related Areas | 3 | C | |
| Upper Division Elective OR ASB 484: Internship | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 12 | | |

Hide Course List(s)/Track Group(s)

| Global Health Core | Global Health Elective in Related Areas | Global Health Elective in Related Areas continued |
|--|--|---|
| AFR 383: Blacks in Science Medicine and Public Health | ABS 394: Food and Human Health | BIO 494: Obesity:Physiology to pathophysiology to treatment |
| ASB 300: Food and Culture ((L or SB) & C) | ASB 102: Introduction to Cultural Anthropology (SB & G) | BIO 494: Solutions in Vaccine Design for Global Health |
| ASB 301: Global History of Health (SB & G & H) or HST 301: Global History of Health (SB & G & H) | ASB 202: Immigration and Ethnic Relations in the U.S. (SB & C) | ENG 394: Interdisciplinary Health Humanities |
| ASB 305: Poverty and Global Health ((L or SB) & G) | ASB 210: Human Sexuality: Anthropological Perspectives (SB & G) | HCD 201: Economics for Health Majors |
| ASB 316: Money and Culture (L or SB) | ASB 211: Women in Other Cultures ((HU or SB) & G) | HCR 230: Culture and Health (C & G) |
| ASB 327: Disaster! ((L or SB) & C) | ASB 220: The Expressive Culture of Latin America and the Caribbean: A Transborder Perspective ((L or HU or SB) & C) | HSC 310: Health Communication |
| ASB 355: Traditional Medicine and Healing (HU or SB) | ASB 250: Introduction to Evolution and Medicine | HST 312: History of Women in Science and Medicine (HU or SB) |
| ASB 357: Society Drugs and Health (SB & G) | ASB 272: Environmental Justice (SB) | IDS 355: Peace Corps Seminar |
| ASB 370: Ethics of Eating (L or SB) or SOS 370: Ethics of Eating (L or SB) | ASB 275: Culture Language and Learning (SB & C) | JUS 350: Immigration and Justice (SB & C) |
| ASB 376: Global Health Policy | ASB 294: Building Babies | JUS 352: The Global Politics of Human Rights (SB & G) |
| ASB 378: Globalization: Migration Mass Media McDonald's ((L or SB) & C) or TCL 378: Globalization: Migration Mass Media McDonald's ((L or SB) & C) | ASB 294: Identity Culture and Conflict | JUS 370: Cultural Diversity and Justice ((L or HU) & C) |
| ASB 457: Global Mental Health ((L or SB) & G) | ASB 322: Peoples of Latin America ((L or SB) & G) | JUS 374: The Holocaust Genocide and Human Rights |
| ASB 462: Medical Anthropology: Culture and Health (SB & C) | ASB 325: Peoples of Southeast Asia (G) | JUS 394: Health Disparities & Inequalities |
| ASM 345: Disease and Human Evolution | ASB 343: Latinas/os and the Environment | JUS 394: Human Rights |
| ASM 401: Health and Human Biology | ASB 348: The Borders of Language | MIC 498: HIV/AIDS Prevention Education in Africa |
| ASM 403: Evolutionary Medicine and Global Health | ASB 353: Death and Dying in Cross-Cultural Perspective ((HU or SB) & G) or SOC 353: Death and Dying in Cross-Cultural Perspective ((HU or SB) & G) | NTR 353: Perspectives on the Western Diet: Food Health and Sustainability |
| ASM 456: Infectious Disease and Human Evolution | ASB 362: People and Plants | POS 300: Contemporary Global Controversies (SB & G) |
| HPS 331: History of Medicine (HU & H) or BIO 318: History of Medicine (HU & H) | ASB 371: Language Hegemony and Culture | POS 367: World Politics and Global Inequalities (G) |
| | ASB 375: Humans and the Environment: What's the Connection? ((L or SB) & G) | POS 368: Ethics and Human Rights |

| | | |
|--|--|---|
| HST 304: Black Death: Pandemic Disease in the Medieval World (SB & H) | ASB 380: Language Culture and Gender (SB) | PSY 394: Child Development & Global Health |
| MIC 314: HIV/AIDS: Science Behavior and Society | ASB 394: Culture and Society Transformation | SGS 303: Global Trends (SB & G) |
| SGS 340: Violence Conflict and Human Rights | ASB 394: From Cells to Societies | SGS 304: Foundations of Cross-Cultural Awareness |
| SGS 350: Economic Development and Globalization | ASB 463: Political Ecology of the Border (SB & G) | SGS 341: Humanitarian Crisis and International Intervention |
| SOC 424: Women and Health (SB) | ASB 466: Peoples and Cultures of Africa (SB & G) | SGS 360: Cultural Aspects of Globalization |
| SOC 427: Sociology of Health and Illness (SB) | ASB 494: Applied Epidemiology | SGS 394: Global Problems and Debates |
| SOC 448: Epidemics and Society (SB & G) | ASB 494: Ethnography of Schooling in the Borderlands | SGS 394: Peace/Conflict/Human Rights |
| TCL 323: Latina/o Health Issues (SB & C) | ASB 494: Evolutionary Medicine | SGS 394: Politics of Global Justice |
| TCL 326: Health of Chicanas and Latinas (SB & C) | ASB 494: Facing Immigration | SOC 352: Social Change (SB & G & H) |
| TCL 327: Health and Migration (SB) | ASB 494: Maternal and Child Health | SOC 418: Aging and the Life Course (SB & H) |
| TCL 410: Race Medicine and the Body (L) or SOC 410: Race Medicine and the Body (L) | ASB 494: Reproductive Ecology | SOC 426: Social Inequality (SB) |
| TCL 447: Gender Culture and Development ((L or SB) & G) or SGS 454: Gender Culture and Development ((L or SB) & G) or SOS 447: Gender Culture and Development ((L or SB) & G) or WST 447: Gender Culture and Development ((L or SB) & G) | ASM 104: Bones Stones and Human Evolution (SB or SG) | SOC 448: Epidemics and Society (SB & G) |
| WST 360: Women as Healers (SB & G) | ASM 201: Epidemics and Outbreaks | WST 394: Fast Food Nation |
| WST 365: Women and International Health (G) | ASM 246: Human Origins (SB) | WST 460: Women and the Body (SB & C) |
| WST 380: Race Gender and Class (SB & C) or AMS 380: Race Gender and Class (SB & C) or ETH 380: Race Gender and Class (SB & C) | ASM 275: Forensic Anthropology (SB or SG) | WST 471: Women's International Human Rights |
| WST 440: Politics of Women's Health (SB & C) | ASM 342: Evolution of Human Behavior | |
| WST 444: Gender Health and Bodies (SB) | ASM 403: Evolutionary Medicine and Global Health | |
| Global Health Practicum | ASM 494: Evolution and Mental Disorders | |
| ASB 395: Research Methods (SB & G) | | |
| ASB 452: Community Partnerships for Global Health (SB) or SSH 402: Community Partnerships for Global Health (SB) | | |
| ASB 455: Practicum for Social Sciences (SB) | | |
| ASB 484: Internship | | |
| ASB 494: Access Equity and Inclusion in Higher Education | | |
| ASB 494: Research Practicum II | | |

ASB 499: Individualized Instruction

ASM 414: Urban and Environmental Health (SB) or SOS 414: Urban and Environmental Health (SB)

POS 464: Border Cities: Action Research on Globalization (SB & G)

TCL 321: Transborder Community Development and Health or SOC 320: Transborder Community Development and Health

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map



Global Health, BA

School/College: [The College of Liberal Arts and Sciences](#)



Location: [Online](#)

LASSHBA

| Term 1 - A 0 - 7 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  ASB 100: Introduction to Global Health (SB & G) | 3 | C | <ul style="list-style-type: none"> An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. Mathematics Placement Assessment score determines placement in mathematics course. ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. Select your career interest area and play me3@ASU. |
| ASU 101-UC: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| Term hours subtotal: | 7 | | |




| Term 1 - B 7 - 13 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ASB 102: Introduction to Cultural Anthropology (SB & G) OR ASM | 3-4 | C | <ul style="list-style-type: none"> Create a first draft resume. View ASU Online first-year student registration information here. |
|  104: Bones, Stones, and Human Evolution (SB or SG) OR Global Health Elective in Related Areas | | | |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| Term hours subtotal: | 6-7 | | |



| Term 2 - A 13 - 19 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| Second Language: Requirement satisfied through the following: | | | <ul style="list-style-type: none"> ASU Language Placement: Only those students with no experience with the language may take a 101-level course. All other students are required to take a language placement exam, regardless of prior credit earned. Students who choose to complete ASM 104 in term 2-A only need two elective credit hours in term 5-B. Build your professional connections -- join the ASU Mentor Network. |
| * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Elective | 2 | | |
| Term hours subtotal: | 6 | | |

| Term 2 - B 19 - 26 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| MAT 142: College Mathematics (MA) | 3 | C | <ul style="list-style-type: none"> Mathematics Placement Assessment score determines placement in mathematics course Join a student club or professional organization. |
| Second Language: Requirement satisfied through the following: | | | |
| * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 7 | | |



| | | Minimum | |
|--|--|---------|--|
|--|--|---------|--|

| Term 3 - A 26 - 33 Credit Hours | Hours | Grade | Notes |
|--|-------|-------|---|
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | <ul style="list-style-type: none"> Develop your skills. |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 3 - B 33 - 40 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
|  Complete First-Year Composition requirement. | | | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 7 | | |

| Term 4 - A 40 - 46 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ASB 394: Statistics for Social Scientists OR ASM 201: Epidemics and Outbreaks OR SOC 390: Social Statistics I (CS) OR STP 226: Elements of Statistics (CS) OR STP 231: Statistics for Life Science (CS) | 3 | C | <ul style="list-style-type: none"> Explore an internship. |
| Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 4 - B 46 - 53 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 5 - A 53 - 59 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  SSH 403: Cross-Cultural Studies in Global Health ((L or SB) & G) | 6 | C | <ul style="list-style-type: none"> All global health online majors are strongly encouraged to go on a summer study abroad program to fulfill major requirements. The six hours in term Term 5-A reflect the six hours that must be completed abroad, or with two additional Global Health core courses through the School of Human Evolution and Social Change. Please contact your academic advisor for travel dates and options, or to inquire about petitioning for a substitution. For more information about planning and paying for your study abroad program, please go here. |
| Term hours subtotal: | 6 | | |

| Term 5 - B 59 - 66 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | <ul style="list-style-type: none"> Students who choose to complete ASM 104 in term 2-A need only complete two elective hours in term 5-B. Develop your professional online presence. |
| Elective | 3-2 | | |
| Term hours subtotal: | 7-6 | | |

| Term 6 - A 66 - 72 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Term hours subtotal: | 6 | | |
| Term 6 - B 72 - 78 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
| ★ Upper Division Global Health Core Course | 3 | C | <ul style="list-style-type: none"> Complete an in person or virtual practice interview. |
| Upper Division Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 6 | | |
| Term 7 - A 78 - 84 Credit Hours | Hours | Minimum Grade | Notes |
| Complete 2 courses: Elective | 6 | | |
| Term hours subtotal: | 6 | | |
| Term 7 - B 84 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
| ★ Upper Division Global Health Core Course | 3 | C | <ul style="list-style-type: none"> Research employment opportunities. |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |
| Term 8 - A 90 - 96 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
| ★ Upper Division Global Health Core Course | 3 | C | <ul style="list-style-type: none"> Secure a part-time job or volunteer experience. |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |
| Term 8 - B 96 - 102 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
| ★ Upper Division Global Health Practicum | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |
| Term 9 - A 102 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
| ★ Global Health Elective in Related Areas | 3 | C | <ul style="list-style-type: none"> Gather professional references. |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |
| Term 9 - B 108 - 114 Credit Hours | Hours | Minimum Grade | Notes |
| Complete 2 courses: Upper Division Elective | 6 | | <ul style="list-style-type: none"> Apply for full-time career opportunities. |
| Term hours subtotal: | 6 | | |
| Term 10 - A 114 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
| ★ | | | |

| | | |
|---|---|---|
| ★ Global Health Elective in Related Areas | 3 | C |
| Upper Division Elective | 3 | |
| Term hours subtotal: | 6 | |

- Study abroad requirement should be completed by Term 10-A.

Hide Course List(s)/Track Group(s)

| Global Health Core | Global Health Elective in Related Areas | Global Health Practicum |
|---|--|--|
| ASB 300: Food and Culture ((L or SB) & C) | ASB 102: Introduction to Cultural Anthropology (SB & G) | ASB 395: Research Methods (SB & G) |
| ASB 301: Global History of Health (SB & G & H) | ASB 210: Human Sexuality: Anthropological Perspectives (SB & G) | ASB 455: Practicum for Social Sciences (SB) |
| ASB 305: Poverty and Global Health ((L or SB) & G) | ASB 294: Building Babies | ASB 484: Internship |
| ASB 316: Money and Culture (L or SB) | ASB 294: Identity Culture and Conflict | ASM 414: Urban and Environmental Health (SB) or SOS 414: Urban and Environmental Health (SB) |
| ASB 327: Disaster! ((L or SB) & C) | ASB 322: Peoples of Latin America ((L or SB) & G) | |
| ASB 357: Society Drugs and Health (SB & G) | ASB 353: Death and Dying in Cross-Cultural Perspective ((HU or SB) & G) or SOC 353: Death and Dying in Cross-Cultural Perspective ((HU or SB) & G) | |
| ASB 370: Ethics of Eating (L or SB) | ASB 362: People and Plants | |
| ASB 378: Globalization: Migration Mass Media McDonald's ((L or SB) & C) | ASB 380: Language Culture and Gender (SB) | |
| ASB 462: Medical Anthropology: Culture and Health (SB & C) | ASB 394: Culture and Society Transformation | |
| ASM 345: Disease and Human Evolution | ASB 394: From Cells to Societies | |
| SGS 350: Economic Development and Globalization | ASB 494: Maternal and Child Health | |
| SOC 424: Women and Health (SB) | ASM 104: Bones Stones and Human Evolution (SB or SG) | |
| SOC 427: Sociology of Health and Illness (SB) | ASM 201: Epidemics and Outbreaks | |
| WST 365: Women and International Health (G) | ASM 246: Human Origins (SB) | |
| WST 380: Race Gender and Class (SB & C) | ASM 275: Forensic Anthropology (SB or SG) | |
| | HCR 230: Culture and Health (C & G) | |
| | HSC 310: Health Communication | |
| | JUS 350: Immigration and Justice (SB & C) | |
| | JUS 374: The Holocaust Genocide and Human Rights | |
| | NTR 353: Perspectives on the Western Diet: Food Health and Sustainability | |
| | POS 300: Contemporary Global Controversies (SB & G) | |
| | POS 368: Ethics and Human Rights | |
| | SGS 303: Global Trends (SB & G) | |

SGS 304: Foundations of Cross-Cultural Awareness

SGS 394: Global Problems and Debates

SOC 352: Social Change (SB & G & H)

SOC 418: Aging and the Life Course (SB & H)

WST 394: Fast Food Nation

WST 460: Women and the Body (SB & C)

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.








2020 - 2021 Major Map

Global Studies, BA

School/College: [The College of Liberal Arts and Sciences](#)

Location: [Tempe campus](#)

LASGSBA

| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  SGS 101: Thinking Globally: The Individual and Authority (SB & G) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement into mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required for all first-year students. • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. • This major does require an international experience. Students must complete an approved study abroad experience or an approved international internship. • Activate your Handshake account and build out your profile. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Term hours subtotal: | 14 | | |
| | | | |
| Term 2 14 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  SGS 204: Professional Global Career Development | 3 | C | <ul style="list-style-type: none"> • Related Area Courses: Any course from the subjects in the list below will apply to the Related Area requirement. • Meet with a study abroad professional and complete the Study Abroad 101 workshop. • Join a student club or professional organization. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Related Area Course | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 16 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term 3 30 - 44 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  SGS Elective | 3 | C | <ul style="list-style-type: none"> • Develop your career skills. |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |

❖ Complete First-Year Composition requirement.

❖ Complete Mathematics (MA) requirement.

Term hours subtotal: 14

| Term 4 44 - 60 Credit Hours Critical course signified by ❖ | Hours | Minimum Grade | Notes |
|--|-------|---------------|----------------------------------|
| ❖ SGS Elective | 3 | C | • Explore an internship . |
| Related Area Course | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ SGS 305: Empirical Political Inquiry (SB) | 3 | C | • The global studies major requires all students to complete an international experience. The experience must be approved by the School of Politics and Global Studies' internship coordinator before the experience is completed. Meet with our internship coordinator to develop a plan to fulfill this requirement. • Thinking about graduate school? Consider registering for a grad school test prep course . |
| Complete 2 courses: | 6 | C | |
| Related Area Course | 3 | C | |
| SGS Elective | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ SGS 401: Political Statistics (CS) | 3 | C | • Complete an in person or virtual practice interview . • Take advantage of mock interview opportunities and resume and cover letter writing services. |
| ★ SGS Upper Division Elective | 3 | C | |
| Complete 3 courses: | 9 | | |
| Upper Division Elective | | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ SGS Upper Division Elective | 3 | C | • Gather professional references . |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Complete 2 courses: | 6 | | |
| Upper Division Elective | | | |
| Elective | 2 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ SGS 484: Internship OR SGS 484: Global Experience | 3 | C | • Apply for full-time career opportunities . |
| SGS Upper Division Elective | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |

Complete 2 courses:
Upper Division Elective

6

Term hours subtotal: 15

- All Global Studies majors must complete six major elective courses. Nine hours of the major electives must be upper-division.
- Students must earn a "C" or better in the courses.
- Students must complete 12 credit hours in courses drawn from related areas. Courses beginning with the prefixes listed below may be used. Only upper-division foreign language courses offered by the School of International Letters and Cultures apply to the related area requirement. Students must earn a "C" or better in the related area courses.

Hide Course List(s)/Track Group(s)

Related Area Courses

AFR OR ASB OR ASM OR BIO OR COM
OR ECN OR GCU OR GPH OR HST OR JUS
OR PAF OR POR OR POS OR PUP OR REL
OR SOS OR SPA OR WST Elective

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map

Global Studies, BA



School/College: [The College of Liberal Arts and Sciences](#)


Location: [Online](#)

LASGSBA

| Term 1 - A 0 - 7 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  SGS 101: Thinking Globally: The Individual and Authority (SB & G) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. • ASU 101 or college-specific First-Year Seminar is required for all first-year students. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. • This major requires students to complete a global experience. The global experience requires students to complete a study abroad experience or to complete an internship in a country other than the United States. The global experience must be approved by the School of Politics and Global Studies after students have declared the ASU Global Studies major. |
| ASU 101-UC: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 13 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • View ASU Online first-year student registration information here. • Activate your Handshake account and build out your profile. |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 2 - A 13 - 20 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  SGS 204: Professional Global Career Development | 3 | C | <ul style="list-style-type: none"> • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a language placement exam, regardless of prior credit earned. |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV; * French, Italian, German, Spanish and Vietnamese are available online. | 4 | C | |
| Term hours subtotal: | 7 | | |

| Term 2 - B 20 - 27 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| MAT 142: College Mathematics (MA) | 3 | C | <ul style="list-style-type: none"> • Join a student club or professional organization. |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV; * French, Italian, German, Spanish and Vietnamese are available online. | 4 | C | |

❖ Complete ENG 101 OR ENG 105 OR ENG 107 course(s).

Term hours subtotal: 7

| Term 3 - A 27 - 34 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|---------------------------------------|
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV; * French, Italian, German, Spanish and Vietnamese are available online. | 4 | C | • Develop your career skills . |
| SGS Elective | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 3 - B 34 - 41 Credit Hours Critical course signified by ❖ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV; * French, Italian, German, Spanish and Vietnamese are available online. | 4 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| ❖ Complete First-Year Composition requirement. | | | |
| ❖ Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 7 | | |

| Term 4 - A 41 - 47 Credit Hours Critical course signified by ❖ | Hours | Minimum Grade | Notes |
|---|-------|---------------|----------------------------------|
| ❖ SGS Elective | 3 | C | • Explore an internship . |
| Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 4 - B 47 - 53 Credit Hours | Hours | Minimum Grade | Notes |
|-------------------------------------|-------|---------------|-------|
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 2 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - A 53 - 59 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ SGS 305: Empirical Political Inquiry (SB) | 3 | C | • The global studies major requires all students to complete a global experience. The experience must be approved by the School of Politics and Global Studies' internship coordinator before the experience is completed. Speak with our internship coordinator to develop a plan to fulfill this requirement. |
| SGS Elective | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 5 - B 59 - 65 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| Upper Division Literacy and Critical Inquiry (L) | 3 | | • Thinking about graduate school? Consider registering for a grad school test prep course . |
| Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - A 65 - 71 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | | |
|--------------------------------------|---|---|--|
| ★ SGS 401: Political Statistics (CS) | 3 | C | • Complete an in person or virtual practice interview. |
| Related Area Course | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 71 - 77 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|--|---|---|
| ★ SGS Upper Division Elective | 3 | C |
| Related Area Course | 3 | C |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |
| Term hours subtotal: | 6 | |

| Term 7 - A 77 - 83 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | | |
|-------------------------------|---|---|-----------------------------------|
| ★ SGS Upper Division Elective | 3 | C | • Gather professional references. |
| Related Area Course | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 83 - 90 Credit Hours | Hours | Minimum Grade | Notes |
|---------------------------------|-------|---------------|-------|
|---------------------------------|-------|---------------|-------|

| | | |
|---|---|---|
| Related Area Course | 3 | C |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | |
| Term hours subtotal: | 7 | |

| Term 8 - A 90 - 96 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|-------------------------------|---|---|
| ★ SGS Upper Division Elective | 3 | C |
| Upper Division Elective | 3 | |
| Term hours subtotal: | 6 | |

| Term 8 - B 96 - 102 Credit Hours | Hours | Minimum Grade | Notes |
|----------------------------------|-------|---------------|-------|
|----------------------------------|-------|---------------|-------|

| | | |
|--|---|--|
| Complete 2 courses: Upper Division Elective | 6 | |
| Term hours subtotal: | 6 | |

| Term 9 - A 102 - 108 Credit Hours | Hours | Minimum Grade | Notes |
|-----------------------------------|-------|---------------|-------|
|-----------------------------------|-------|---------------|-------|

| | | |
|--|---|--|
| Complete 2 courses: Upper Division Elective | 6 | |
| Term hours subtotal: | 6 | |

| Term 9 - B 108 - 114 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | | |
|---|---|---|---|
| ★ SGS 484: Internship OR SGS 484: Global Experience | 3 | C | • Apply for full-time career opportunities. |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 10 - A 114 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

★ Complete 2 courses: 6
 Upper Division Elective

Term hours subtotal: 6

- Students must complete 12 credit hours in courses drawn from related areas. Courses beginning with the following prefixes may be used. Only upper-division foreign language courses offered by the School of International Letters and Cultures apply to the related area requirement. Students must earn a "C" grade or better in the related area courses.

Hide Course List(s)/Track Group(s)

Related Area Courses

AFR OR ASB OR ASM OR BIO OR COM
 OR ECN OR GCU OR GPH OR HST OR JUS
 OR PAF OR POR OR POS OR PUP OR REL
 OR SOS OR SPA OR WST Elective

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.









2020 - 2021 Major Map



History, BA



School/College: [The College of Liberal Arts and Sciences](#)




Location: [Tempe campus](#)



LAHISBA

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  HST Survey Course | 3 | C | <ul style="list-style-type: none"> An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses Mathematics Placement Assessment score determines placement in mathematics course ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students Select your Career Interest Communities and play me3@ASU. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Related Area Course | 3 | C | |
| Elective | 3 | | |
| Maintain 2.25 GPA in HST. | | | |
| Term hours subtotal: | 16 | | |
| Term 2 16 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  HST 130: The Historian's Craft | 3 | C | <ul style="list-style-type: none"> Students who have completed 30 credit hours and ENG 102 may take HST 330 in place of HST 130. ASU Language Placement and Testing: Only true beginners are eligible for 101-level second language courses. All other students are required to take a placement exam, regardless of prior credit earned, to verify the course level is appropriate. Students already proficient in a second language may take a proficiency exam. Join a student club or professional organization. If interested in law school, review the Pre-Law at ASU website. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Maintain 2.25 GPA in HST. | | | |
| Term hours subtotal: | 14 | | |
| Term 3 30 - 46 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
| Related Area Course | 3 | C | <ul style="list-style-type: none"> Many General Studies requirements can overlap with major requirements, leaving more room for electives. In particular, many history courses satisfy HU and SB General Studies requirements. Consult an academic advisor to select the best courses for your personal plan of study. Explore opportunities to study abroad. |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
|  Complete First-Year Composition requirement. | | | |
|  Complete Mathematics (MA) requirement. | | | |
| Maintain 2.25 GPA in HST. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 46 - 60 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  HST Survey Course | 3 | C | <ul style="list-style-type: none"> • Choosing a Social-Behavioral Sciences (SB) course that also fulfills Global Awareness (G) is recommended if G requirement has not already been satisfied through other coursework. • Visit Career and Professional Development Services and meet with a career advisor for assistance with career planning and networking. • If interested in law school, make an appointment with the pre-law advisor. |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Maintain 2.25 GPA in HST. | | | |
| Term hours subtotal: | 14 | | |

| Term 5 60 - 76 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  Upper Division Comparative History Course | 3 | C | <ul style="list-style-type: none"> • The sequence of upper-division history courses shown here is a suggested one. Except where prerequisites dictate the order, consult an academic advisor to determine the best sequence of courses for your personal plan of study. • Choosing a Humanities (HU) course that also fulfills Cultural Diversity in the United States (C) is recommended. • Consider participating in an Undergraduate Research Experience through the School of Historical, Philosophical and Religious Studies or a research opportunity in the Humanities Lab. • If planning on law school, prepare to take the LSAT. |
| HST 304: Studies in European History (SB & H) | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Maintain 2.25 GPA in HST. | | | |
| Term hours subtotal: | 16 | | |

| Term 6 76 - 91 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  Upper Division History in the Wild Course | 3 | C | <ul style="list-style-type: none"> • Participate in an internship to gain valuable career experience and contacts. For help exploring internship opportunities related to your major, meet with an academic advisor. • Explore graduate school opportunities. |
| HST 303: Studies in Asian History (SB & H) OR HST 305: Studies in Latin American History (SB & H) OR HST 307: Studies in African History (H) | 3 | C | |
| Upper Division Related Area Course | 3 | C | |
| Upper Division Elective OR HST 484: Internship | 3 | | |
| Elective | 3 | | |
|  Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). Maintain 2.25 GPA in HST. | | | |
| Term hours subtotal: | 15 | | |

| Term 7 91 - 106 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  HST 495: Methods of Historical Inquiry (L) | 3 | C | <ul style="list-style-type: none"> • Use Handshake to research employment opportunities. • Attend career fairs, workshops and related events offered by Career and Professional Development Services. |
| Upper Division Related Area Course | 3 | C | |
| HST Upper Division Elective | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |

| | |
|---------------------------|----|
| Upper Division Elective | 3 |
| Maintain 2.25 GPA in HST. | |
| Term hours subtotal: | 15 |

| Term 8 106 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ HST 306: Studies in United States History ((HU or SB) & H) | 3 | C | <ul style="list-style-type: none"> Take advantage of mock interview opportunities and assistance with writing resumes and cover letters. Apply for career opportunities. |
| HST Upper Division Elective | 3 | C | |
| Complete 2 courses: | | | |
| Upper Division Elective | 6 | | |
| Elective | 2 | | |
| ★ Maintain 2.25 GPA in HST. | | | |
| Term hours subtotal: | 14 | | |

- HST 302-307 are variable topics courses. Students may take these courses for credit multiple times, so long as the topics are different.
 - All students are required to take one course from HST 304 and HST 306, plus one course chosen from HST 303, HST 305, or HST 307. Students may select any topic within these course numbers for this requirement. However, for the Comparative History and History in the Wild requirements, students must choose only from the specific topics shown in the Comparative History and History in the Wild lists below. Any topic under HST 302 will count as a Comparative History course. Students must complete 33 total credit hours in history (HST), so any variable topics courses taken for Comparative History and History in the Wild will be in addition to the standard requirement for HST 304, HST 306, and (HST 303, 305, or 307).
 - Students must complete 12 credits of courses in Related Areas, at least six of which must be upper-division.

Hide Course List(s)/Track Group(s)

| HST Survey Courses | Comparative History | History in the Wild |
|---|--|--|
| HST 100: Global History to 1500 (HU & H & G) | HST 301: Global History of Health (SB & G & H) | HST 302: Envisioning Peace ((HU or SB) & G & H) |
| HST 101: Global History Since 1500 (HU & H & G) | HST 302: Studies in History ((HU or SB) & G & H) | HST 306: Historic Preservation in the U.S. ((HU or SB) & H) |
| HST 102: Western Civilization: Ancient and Medieval Europe (SB & H) | HST 303: Empires in Asia (SB & H) | HST 306: Landscape Place and Memory in American History ((HU or SB) & H) |
| HST 103: Western Civilization: Renaissance to Enlightenment ((HU or SB) & H) | HST 303: WWII in Asia: Cultures of War (SB & H) | HST 306: Monuments and Memory ((HU or SB) & H) |
| HST 104: Western Civilization: French Revolution to European Union ((HU or SB) & G & H) | HST 304: Witchcraft and Christianity in the Atlantic World (SB & H) | HST 414: Political History and Leadership |
| HST 106: Asian Civilizations ((HU or SB) & G & H) | HST 309: Exploration and Empire ((L or HU) & H) | HST 485: History in the Wild |
| HST 108: Introduction to Japan (SB & G & H) | HST 326: The Global History of the Trans-Atlantic Slave Trade (SB & H) | |
| HST 109: United States to 1865 ((HU or SB) & H) | HST 357: Historical Perspectives on Philosophy and Religion | |
| | HST 404: Conquest and Encounters in Colonial Latin America (L & G) | |

| | | |
|--|--|--|
| HST 110: United States Since 1865 (SB & H) | HST 435: The Russian Empire (SB & H) | |
| HST 111: Introduction to Asia (HU & H & G) | HST 456: The Vietnam War (SB & G & H) | |
| Related Area courses | Related Area courses continued | Related Area courses continued |
| AFR OR AIS OR APA OR APH OR ARS OR ASB OR ASM OR ECN OR GCU OR HPS OR HUL OR JUS OR PHI OR POS OR REL OR SGS OR SOC OR TCL OR WST Elective | JPN 115: Japanese Popular Culture: Anime Manga and Film (G) | THE 320: History of the Theatre I (HU & H) |
| ARB 331: Arabic/Islamic Culture and Literature (HU & H & G) | JPN 414: Introduction to Classical Japanese | THE 321: History of the Theatre II (HU & H) |
| ARB 335: Arabic Culture and Islam (G) | JPN 415: Advanced Classical Japanese | THE 322: Theatre History and Culture (HU & H) |
| ARB 336: Introduction to the Qur'an (G) | JPN 445: Readings in Modern Japanese Letters and Culture | THE 421: Shakespeare: Stage and Film (L or HU) |
| ARB 337: Hadith and Prophetic Tradition | JST Elective (not from JST 131 132 231 or 232) | THE 425: Chekhov and Russian Drama (L or HU) |
| ARB 341: Quran Text and Women (HU & H) | KOR 250: Korean Culture and Society (HU & G) | THE 430: History of Fashion I (HU) |
| ARB 351: Classical Arabic Literature | KOR 321: Modern Korean Literature (HU) or SLC 321: Modern Korean Literature (HU) | |
| ARB 352: Modern Arabic Literature in Translation (HU & G) | KOR 347: Korean Film and Literature (HU) | |
| BIO 316: History of Biology: Conflicts and Controversies (H) | KOR 350: Women of Korea (H) | |
| BIO 318: History of Medicine (HU & H) | KOR 375: Intercultural Communication in Korea or SLC 375: Intercultural Communication in Korea | |
| CHI 120: Introduction to Chinese Culture (L or HU) or SLC 120: Introduction to Chinese Culture (L or HU) | KOR 415: Korean Popular Culture (HU & G) or SLC 415: Korean Popular Culture (HU & G) | |
| CHI 321: Chinese Literature (HU) | KOR 457: Premodern Korea in a Global Context or SLC 457: Premodern Korea in a Global Context | |
| CHI 322: Chinese Literature (HU & G) | LAT 222: Survey of Roman Literature (HU) or SLC 222: Survey of Roman Literature (HU) | |
| CHI 345: Chinese Film and Civilization | LAT 421: Roman Literature (HU) | |
| CHI 348: Pathways into Chinese Culture | MCO 418: History of Mass Communication (SB & H) | |
| CHI 451: Chinese Cultural History I ((HU or SB) & H) or SLC 451: Chinese Cultural History I ((HU or SB) & H) | MUS 354: Popular Music (HU) | |
| CHI 452: Chinese Cultural History II (SB & G & H) or SLC 452: Chinese Cultural History II (SB & G & H) | MUS 355: American Music (HU & C & H) | |
| CHI 470: Modern Chinese Literature and Culture | MUS 356: Broadway and the American Musical (HU) | |
| ENG Elective (not from ENG 101-197) | MUS 362: Rap Music and Hip Hop Culture (HU & C) | |
| FRE 305: Readings in French Literature (G) | MUS 371: World Music (HU & G) | |
| FRE 321: French Cultural Masterpieces I (L or HU) & H) | MUS 410: History of Women in Music (HU & C & H) | |
| FRE 322: French Cultural Masterpieces II (L or HU) | | |
| FRE 414: French and Italian Popular Culture ((L or HU) & G) or ITA 414: French and | | |

| | |
|---|--|
| Italian Popular Culture ((L or HU) & G) or SLC 414: French and Italian Popular Culture ((L or HU) & G) | POR 472: Luso-Brazilian Civilization (HU & G) |
| FRE 415: French Civilization I (HU) | PSY 414: History of Psychology (L or SB) |
| FRE 416: French Civilization II (HU & G) | PUP 412: History of the City ((L or HU) & H) |
| FRE 453: Theater of the 19th Century (HU) | RUS 322: Scandals and Scoundrels: The Nineteenth-Century Russian Novel (L or HU) |
| FRE 461: Modern Narrative (HU) | RUS 323: Russian Literature and Revolution: The Twentieth Century ((L or HU) & G) |
| GER 315: Germanic Mythology (HU & G) | RUS 421: Pushkin (L or HU) |
| GER 416: German Civilization (HU & H & G) | RUS 425: Chekhov and Russian Drama (L or HU) |
| GER 421: German Literature Survey 800-1800 (HU) | RUS 430: Russian Short Story (L or HU) |
| GER 422: German Literature Survey 1800-Today (L or HU) | SLC 123: Gods and Monsters: Comparative Mythology (HU & G) |
| GER 431: German Humor | SLC 141: Russian Civilization: From Tsars to Putin ((L or HU) & G & H) or RUS 141: Russian Civilization: From Tsars to Putin ((L or HU) & G & H) |
| GER 441: Fairy Tales (HU & G) or SLC 441: Fairy Tales (HU & G) | SLC 144: The Ancient Mediterranean |
| GRK 142: Ancient Greek Civilization (HU & H) or SLC 142: Ancient Greek Civilization (HU & H) | SLC 221: Survey of Ancient Greek Literature (HU) |
| GRK 223: Introduction to Greek and Roman Mythology (HU) or LAT 223: Introduction to Greek and Roman Mythology (HU) or SLC 223: Introduction to Greek and Roman Mythology (HU) | SLC 340: Approaches to International Cinema (HU & G) or FMS 341: Approaches to International Cinema (HU & G) |
| GRK 301: Ancient Greek Literature I (HU) | SLC 344: Classics and Comics (HU) or GRK 344: Classics and Comics (HU) or LAT 344: Classics and Comics (HU) |
| GRK 302: Ancient Greek Literature II (HU) | SLC 425: What is Globalization? A History of Contact and Conflict (HU & G) |
| GRK 444: Heroes Ancient and Modern (L or HU) or LAT 444: Heroes Ancient and Modern (L or HU) or SLC 444: Heroes Ancient and Modern (L or HU) | SLC 439: Art in Exile: VladĀ-mir VladĀ-mirovich Nabokov (L or HU) or RUS 439: Art in Exile: VladĀ-mir VladĀ-mirovich Nabokov (L or HU) |
| HEB 347: Modern Israeli Literature in Translation (HU & G) or SLC 347: Modern Israeli Literature in Translation (HU & G) | SLC 442: Dracula and Vampire Lore (HU) or ROM 442: Dracula and Vampire Lore (HU) |
| HEB 348: Israeli Society and Culture (HU & G) or SLC 348: Israeli Society and Culture (HU & G) | SLV 440: History of Slavic Languages (SB) |
| HEB 375: Contemporary Culture of Israel (HU & G) | SPA 325: Introduction to Hispanic Literature (HU) |
| HON 171: The Human Event (L or HU) | SPA 425: Foundational Texts of Spain (L or HU) |
| HON 272: The Human Event ((L or HU) & H) | SPA 426: Literature and Society in Modern Spain (HU) |
| HON 370: History of Ideas (L or HU) | SPA 427: Colonial and Postcolonial Latin American Literature (L or HU) |
| HON 378: Culture and Society in England Ireland and Scotland (HU & H & G) | |

| | |
|--|---|
| HON 379: Romantics Victorians and Moderns (HU & G) | SPA 428: Foundational Texts of Latin American Literature Since Modernismo ((L or HU) & G) |
| HON 380: Aesthetics and Society (HU) | |
| ITA 321: Italian Renaissance Culture: Politicians Merchants Artists and Courtesans (H) | SPA 429: Writing Mexico: Major Texts ((L or HU) & G) |
| | SPA 434: Drama of the Golden Age |
| ITA 322: Modern Italian Culture: Explorers Scientists Musicians and Revolutionaries (HU) | SPA 456: 20th-Century Spanish American Fiction |
| ITA 420: Italian Cinema (L & G) | SPA 464: JaitÃ³n Works in Chicano/a Literature ((HU or SB) & C) |
| | SPA 471: Civilization of the Indohispanomexicano Southwest ((L or HU) & C) |
| | SPA 472: Latin American Society: Five Case Studies (HU & H & G) |
| | SPA 473: Old and New Spaniards: Culture and Civilization of Spain ((HU or SB) & G) |
| | SPA 485: Chicano/a Short Story: Espanglish Barrio y Xicanisma (L & C) |
| | SPA 486: Chicano/a Novel: Ãltima Rafa y Lala |
| | SPA 487: Chicano/a Drama: Pachucos Vendidos y Cerezitas (C) |

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.
- At least 12 upper-division hours in the major (HST) must be in courses offered by The College of Liberal Arts and Sciences.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.25 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map

History, BA

School/College: [The College of Liberal Arts and Sciences](#)




Location: [Online](#)

LAHISBA

| Term 1 - A 0 - 7 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  HST Survey Course | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses. • ASU 101 or college-specific equivalent First-Year Seminar is required of all first-year students. • Select your Career Interest Communities and play me3@ASU. |
| ASU 101-UC: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| Maintain 2.25 GPA in HST. | | | |
| Term hours subtotal: | 7 | | |




| Term 1 - B 7 - 13 Credit Hours | Hours | Minimum Grade | Notes |
|-----------------------------------|-------|---------------|---|
| MAT 142: College Mathematics (MA) | 3 | C | <ul style="list-style-type: none"> • View ASU Online first-year student registration information here. • Mathematics Placement Assessment score determines placement in mathematics course • Many General Studies requirements can overlap with major courses, leaving more room for electives. In particular, many history courses satisfy HU and SB General Studies requirements. Consult an academic advisor to select the best courses for your personal plan of study. |
| Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 6 | | |



| Term 2 - A 13 - 20 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • ASU Language Placement and Testing: Only true beginners are eligible for 101-level second language courses. All other students are required to take a placement exam, regardless of prior credit earned, to verify the course level is appropriate. Students already proficient in a second language may take a proficiency exam. |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Term hours subtotal: | 7 | | |

| Term 2 - B 20 - 27 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  HST 130: The Historian's Craft | 3 | C | <ul style="list-style-type: none"> • Transfer students who have completed 30 credit hours and ENG 102 may take HST 330 in place of HST 130. • If interested in law school, review the Pre-Law at ASU website. |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Maintain 2.25 GPA in HST. | | | |
| Term hours subtotal: | 7 | | |



| | | Minimum | |
|--|--|---------|--|
|--|--|---------|--|

| Term 3 - A 27 - 34 Credit Hours | Hours | Grade | Notes |
|--|-------|-------|--|
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | <ul style="list-style-type: none"> Choosing a Humanities, Arts and Design (HU) course that also fulfills the Global Awareness (G) requirement is recommended if these requirements have not already been satisfied through major courses. |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 3 - B 34 - 41 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| Related Area Course | 3 | C | <ul style="list-style-type: none"> Explore opportunities to study abroad. Online students are eligible and encouraged to participate! |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
|  Complete First-Year Composition requirement. | | | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 7 | | |

| Term 4 - A 41 - 47 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  HST Survey Course | 3 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Maintain 2.25 GPA in HST. | | | |
| Term hours subtotal: | 6 | | |

| Term 4 - B 47 - 53 Credit Hours | Hours | Minimum Grade | Notes |
|-------------------------------------|-------|---------------|---|
| Natural Science - Quantitative (SQ) | 4 | | <ul style="list-style-type: none"> Explore the Career and Professional Development Services website and arrange a virtual advising session with a career counselor for assistance with career planning and networking. If interested in law school, make a phone appointment with the pre-law advisor. |
| Elective | 2 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - A 53 - 59 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  Upper Division Comparative History Course | 3 | C | <ul style="list-style-type: none"> The sequence of upper-division history courses shown here is a suggested one. Except where prerequisites dictate the order, students should consult an academic advisor to determine the best sequence of courses for their personal plan of study. |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Maintain 2.25 GPA in HST. | | | |
| Term hours subtotal: | 6 | | |

| Term 5 - B 59 - 65 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| HST 304: Studies in European History (SB & H) | 3 | C | <ul style="list-style-type: none"> Choosing a Social-Behavioral Sciences (SB) course that also fulfills the Cultural Diversity (C) requirement is recommended if these requirements have not already been satisfied. |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Maintain 2.25 GPA in HST. | | | |
| Term hours subtotal: | 6 | | |

- Consider participating in an **Undergraduate Research Experience** through the School of Historical, Philosophical and Religious Studies.

| Term 6 - A 65 - 72 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | | |
|---|---|---|--|
| ★ HST 303: Studies in Asian History (SB & H) | 3 | C | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Maintain 2.25 GPA in HST. | | | |
| Term hours subtotal: | 7 | | |

| Term 6 - B 72 - 78 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | | |
|--|---|---|--|
| ★ HST 485: History in the Wild | 3 | C | |
| Related Area Course | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Maintain 2.25 GPA in HST. | | | |
| Term hours subtotal: | 6 | | |

- Consider participating in an **internship** to gain valuable career experience and contacts. For help exploring internship **opportunities related to your major**, contact an academic advisor.

| Term 7 - A 78 - 84 Credit Hours | Hours | Minimum Grade | Notes |
|---------------------------------|-------|---------------|-------|
|---------------------------------|-------|---------------|-------|

| | | | |
|-----------------------------------|---|---|--|
| HST Upper Division Elective | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Maintain 2.25 GPA in HST. | | | |
| Term hours subtotal: | 6 | | |

- If planning on law school, prepare to take the **LSAT**.

| Term 7 - B 84 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | | |
|--|---|---|--|
| ★ HST 495: Methods of Historical Inquiry (L) | 3 | C | |
| Elective | 3 | | |
| Maintain 2.25 GPA in HST. | | | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 90 - 96 Credit Hours | Hours | Minimum Grade | Notes |
|---------------------------------|-------|---------------|-------|
|---------------------------------|-------|---------------|-------|

| | | | |
|------------------------------------|---|---|--|
| Upper Division Related Area Course | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

- Explore **graduate school** opportunities.

| Term 8 - B 96 - 102 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | | |
|--|---|---|--|
| ★ HST 306: Studies in United States History ((HU or SB) & H) | 3 | C | |
| Upper Division Elective | 3 | | |
| Maintain 2.25 GPA in HST. | | | |
| Term hours subtotal: | 6 | | |

- View career **webinars** offered by Career and Professional Development Services.

| Term 9 - A 102 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | | |
|-------------------------------|---|---|--|
| ★ HST Upper Division Elective | 3 | C | |
|-------------------------------|---|---|--|

| | | |
|------------------------------------|---|---|
| Upper Division Related Area Course | 3 | C |
| Maintain 2.25 GPA in HST. | | |
| Term hours subtotal: | 6 | |

- Use Handshake to research employment opportunities.

| Term 9 - B 108 - 114 Credit Hours | Hours | Minimum Grade | Notes |
|-----------------------------------|-------|---------------|---|
| Upper Division Elective | 3 | | <ul style="list-style-type: none"> • Take advantage of mock interview opportunities and assistance with writing resumes and cover letters. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 10 - A 114 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| Complete 2 courses: Upper Division Elective | 6 | | <ul style="list-style-type: none"> • Apply for career opportunities. |
| ★ Maintain 2.25 GPA in HST. | | | |
| Term hours subtotal: | 6 | | |

- HST 302-306 are variable topics courses. Students may take these courses for credit multiple times, so long as the topics are different.
- All students are required to take one course from HST 303, HST 304 and HST 306. Students may select any topic within these course numbers for this requirement. However, for the Comparative History requirement, students must choose only from the specific topics shown in the Comparative History list below. All topics under HST 302 fulfill the Comparative History requirement. Students must complete 33 total credit hours in history (HST), so any variable topics course taken for Comparative History will be in addition to the standard requirement for HST 303, HST 304 and HST 306.
- Students must complete 12 credits of Related Area courses, at least six of which must be upper-division.

Hide Course List(s)/Track Group(s)

| HST Survey Courses | Comparative History | Related Area |
|---|---|---|
| HST 100: Global History to 1500 (HU & H & G) | HST 301: Global History of Health (SB & G & H) | AFR OR APA OR ARS OR ASB OR ASM OR ECN OR GCU OR JUS OR PHI OR POS OR REL OR SGS OR SOC OR TCL OR WST Elective |
| HST 101: Global History Since 1500 (HU & H & G) | HST 302: Studies in History ((HU or SB) & G & H) | ARB 335: Arabic Culture and Islam (G) |
| HST 109: United States to 1865 ((HU or SB) & H) | HST 303: Empires in Asia (SB & H) | ARB 336: Introduction to the Qur'an (G) |
| HST 110: United States Since 1865 (SB & H) | HST 304: Witchcraft and Christianity in the Atlantic World (SB & H) | BIO 316: History of Biology: Conflicts and Controversies (H) |
| | HST 309: Exploration and Empire ((L or HU) & H) | BIO 318: History of Medicine (HU & H) |
| | HST 456: The Vietnam War (SB & G & H) | ENG Elective (not from ENG 101-197) |
| | | GER 441: Fairy Tales (HU & G) or SLC 441: Fairy Tales (HU & G) |
| | | GRK 223: Introduction to Greek and Roman Mythology (HU) or LAT 223: Introduction to Greek and Roman Mythology (HU) or SLC 223: Introduction to Greek and Roman Mythology (HU) |

MCO 418: History of Mass Communication
(SB & H)

MUS 354: Popular Music (HU)

MUS 355: American Music (HU & C & H)

MUS 356: Broadway and the American
Musical (HU)

MUS 362: Rap Music and Hip Hop Culture
(HU & C)

MUS 371: World Music (HU & G)

MUS 410: History of Women in Music (HU &
C & H)

SLC 442: Dracula and Vampire Lore (HU) or
ROM 442: Dracula and Vampire Lore (HU)

SPA 325: Introduction to Hispanic Literature
(HU)

SPA 425: Foundational Texts of Spain (L or
HU)

SPA 426: Literature and Society in Modern
Spain (HU)

SPA 427: Colonial and Postcolonial Latin
American Literature (L or HU)

SPA 428: Foundational Texts of Latin
American Literature Since Modernismo ((L or
HU) & G)

SPA 429: Writing Mexico: Major Texts ((L or
HU) & G)

SPA 471: Civilization of the
Indohispanomexicano Southwest ((L or HU)
& C)

SPA 472: Latin American Society: Five Case
Studies (HU & H & G)

SPA 473: Old and New Spaniards: Culture
and Civilization of Spain ((HU or SB) & G)

SPA 486: Chicano/a Novel: *Áltima Rafa y
Lala*

THE 322: Theatre History and Culture (HU &
H)

THE 421: Shakespeare: Stage and Film (L or
HU)

THE 430: History of Fashion I (HU)

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.
- At least 12 upper-division hours in the major (HST) must be in courses offered by The College of Liberal Arts and Sciences.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.25 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map





History (Secondary Education), BA



School/College: The College of Liberal Arts and Sciences

Location: Tempe campus

LAHISSEBA

| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| HST 100: Global History to 1500 (HU & H & G) OR HST 101:  Global History Since 1500 (HU & H & G) OR HST 109: United States to 1865 ((HU or SB) & H) OR HST 110: United States Since 1865 (SB & H) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • ASU Language Placement and Testing: Only true beginners are eligible for 101-level second language courses. All other students are required to take a placement exam, regardless of prior credit earned, to verify the course level is appropriate. Students already proficient in a second language may take a proficiency exam. • Select your Career Interest Communities and play me3@ASU. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Minimum 2.25 GPA in HST. | | | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 31 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| HST 100: Global History to 1500 (HU & H & G) OR HST 101:  Global History Since 1500 (HU & H & G) OR HST 109: United States to 1865 ((HU or SB) & H) OR HST 110: United States Since 1865 (SB & H) | 3 | C | <ul style="list-style-type: none"> • Students must complete HST 100, HST 101, HST 109 and HST 110 prior to term 5. These courses may be taken in any order. • Students who have completed 30 credit hours and ENG 102 may take HST 330 in place of HST 130. • Join a student club or professional organization. |
|  HST 130: The Historian's Craft | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). Minimum 2.25 GPA in HST. | | | |
| Term hours subtotal: | 17 | | |

| Term 3 31 - 45 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| HST 100: Global History to 1500 (HU & H & G) OR HST 101:  Global History Since 1500 (HU & H & G) OR HST 109: United States to 1865 ((HU or SB) & H) OR HST 110: United States Since 1865 (SB & H) | 3 | C | <ul style="list-style-type: none"> • Apply for an Identity Verified Print (IVP) DPS fingerprnt card, required by state law for participation in internships in 6-12th grade schools. |

Second Language: Requirement satisfied through the following: 4 C
 * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.

Natural Science - General (SG) OR Natural Science - Quantitative (SQ) 4

Elective 3

❗ Complete First-Year Composition requirement.

❗ Complete Mathematics (MA) requirement.

Minimum 2.25 GPA in HST.

Term hours subtotal: 14

- Explore opportunities to **study abroad**. Summer is usually the best time for students in this major to study abroad.

| Term 4 45 - 61 Credit Hours Critical course signified by ❗ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

❗ EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) OR EDT 321: Computer Literacy: Mobile Technologies and Your World (CS) 3 C

❗ HST 100: Global History to 1500 (HU & H & G) OR HST 101: Global History Since 1500 (HU & H & G) OR HST 109: United States to 1865 ((HU or SB) & H) OR HST 110: United States Since 1865 (SB & H) 3 C

❗ SPE 222: Orientation to Education of Exceptional Children (SB & C) 3 C

Second Language: Requirement satisfied through the following:
 * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. 4 C

Elective 3

❗ Milestone: Complete online Intent to Progress form for Professional Pathways Program (meet with advisor).

❗ Milestone: Submit Identity Verified Print (IVP) DPS fingerprint clearance card.

❗ Minimum 2.50 GPA ASU Cumulative.

Minimum 2.25 GPA in HST.

Term hours subtotal: 16

- Meet with your advisor early in the semester to submit an "Intent to Progress" form that notifies Teachers College you will be ready to enroll in your first internship the following term. You will upload a copy of your IVP fingerprint clearance card with this form, as required by state law. Teachers College will then invite you to attend a mandatory Professional Pathways Orientation.
- Students are encouraged to select free electives from courses in geography, political science, and economics, especially if preparing to teach middle grade (6-8) social studies. Barrett Honors students may use their research and thesis hours as electives.
- Visit **Career and Professional Development Services** and meet with a career advisor for assistance with career planning and networking.

| Term 5 61 - 77 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

★ EDP 313: Childhood and Adolescence (SB) 3 C

★ SED 396: Clinical Experience I 1 Y

★ TEL 311: Instruction and Management in the Inclusive Classroom 3 C

Upper Division Non-U.S. HST course 3 C

Upper Division United States HST course 3 C

Elective 3

★ Minimum 2.50 GPA ASU Cumulative.

Minimum 2.25 GPA in HST.

Term hours subtotal: 16

- During your clinical experience internships, you will work alongside an intern mentor teacher in a 6-12th grade classroom. Reliable transportation is required to get to school sites in terms 5-8.
- POS 417 or GCU 113 is recommended for the elective course if students have not yet satisfied the AZ Constitution requirement for teacher certification.
- Consider participating in an **Undergraduate Research Experience** through the School of Historical, Philosophical and Religious Studies or a research opportunity in the **Humanities Lab**.
- Explore **graduate school** opportunities.

| Term 6 77 - 92 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | |
|--|---|----|
| ★ BLE 407: SEI for Secondary Students (L) | 3 | C |
| ★ HST 480: Methods of Teaching History: Classroom Resources | 3 | C |
| ★ HST 495: Methods of Historical Inquiry (L) | 3 | C |
| ★ SED 397: Clinical Experience II | 1 | Y |
| ★ SPE 417: Inclusion Practices at the Secondary Level | 3 | C |
| Elective | 2 | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | |
| Minimum 2.25 GPA in HST. | | |
| Term hours subtotal: | | 15 |

- Use **Handshake** to research employment opportunities.
- Attend **career fairs, workshops and related events** offered by Career and Professional Development Services.

| Term 7 92 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ HST 481: Methods of Teaching History: Community Resources | 3 | C | <ul style="list-style-type: none"> • All other degree requirements should be completed prior to student teaching residency. Only one course may be approved to take concurrently with student teaching residency in term 8. • Students must pass the NES Secondary Professional Knowledge Exam to obtain secondary education teacher certification in Arizona. Completing this exam prior to student teaching residency is highly recommended. Students who wish to be "appropriately certified" for middle grade social studies must also take the Middle Grades Social Science test. See www.aepa.nesinc.com/. |
| ★ RDG 323: Literacy Processes in Content Areas | 3 | C | |
| ★ SED 322: Classroom Leadership in Secondary Schools (L) | 3 | C | |
| ★ SED 496: Clinical Experience III | 1 | Y | |
| Upper Division Non-U.S. HST course | 3 | C | |
| Upper Division United States HST course | 3 | C | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| Minimum 2.25 GPA in HST. | | | |
| Term hours subtotal: | | 16 | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ SED 478: Student Teaching: Secondary Education (Grades 6-12) | 12 | C | <ul style="list-style-type: none"> • Student teaching residency requires a full-time commitment in a 6-12th grade classroom for the semester. • Students must either have passed the Constitutions of the United States and Arizona AEPA exam or have completed coursework covering this requirement within one year of initial certification. • Take advantage of mock interview opportunities and assistance with writing resumes and cover letters. • Apply for career opportunities. |
| ★ Minimum 2.25 GPA in HST. | | | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | | 12 | |

- At least 12 upper-division hours in history (HST) must be in courses offered by The College of Liberal Arts and Sciences.

Hide Course List(s)/Track Group(s)

| | | |
|--------------------------------------|---------------------------------|---|
| Upper Division United States History | Upper Division Non-U.S. History | Upper Division Non-U.S. History Continued |
|--------------------------------------|---------------------------------|---|

| | | |
|--|---|--|
| HST 306: Studies in United States History ((HU or SB) & H) | HST 302: Envisioning Peace ((HU or SB) & G & H) | HST 404: Conquest and Encounters in Colonial Latin America (L & G) |
| HST 314: American Cultural History Since 1865 ((HU or SB) & H) | HST 302: Gender and Sexuality in Islam ((HU or SB) & G & H) | HST 423: The Tudor Monarchy (SB & H) |
| HST 315: Political History of the U. S. (SB & H) | HST 302: History of the Olympic Movement ((HU or SB) & G & H) | HST 424: The Stuart Monarchy (SB & H) |
| HST 316: 20th-Century U.S. Foreign Relations (SB & H) | HST 302: Jews Christians & Muslims in Early Modern World ((HU or SB) & G & H) | HST 426: The British Empire (H) |
| HST 317: History of Postwar U.S. Conservatism | HST 302: Jews Christians & Muslims in the Medieval World ((HU or SB) & G & H) | HST 427: French Revolution/Napoleonic Era (SB & H) |
| HST 318: History of Engineering ((L or SB) & G) | HST 302: The Mexico City 1968 Olympics in Global Context ((HU or SB) & G & H) | HST 429: Modern Germany (SB & G & H) |
| HST 320: U.S. Urban History since 1850 (SB & H) | HST 302: Slavery Systems in Africa ((HU or SB) & G & H) | HST 430: The Ottoman Empire in the Classical Period |
| HST 321: Constitutional History/US to 1865 (SB & H) | HST 303: Studies in Asian History (SB & H) | HST 432: Eastern Europe the Balkans 20th Century (G & H) |
| HST 322: Constitutional History of the United States Since 1865 (H) | HST 304: Studies in European History (SB & H) | HST 435: The Russian Empire (SB & H) |
| HST 323: Historical Studies in Race Crime and the Law | HST 305: Studies in Latin American History (SB & H) | HST 436: The Soviet Experiment (SB & G & H) |
| HST 325: Immigration and Ethnicity in the United States (SB & H & C) | HST 307: Studies in African History (H) | HST 438: Modern Spain ((HU or SB) & G & H) |
| HST 327: Women in U.S. History 1600 to 1880 ((HU or SB) & C & H) | HST 309: Exploration and Empire ((L or HU) & H) | HST 439: Athenian Democracy (H) |
| HST 328: Women in U.S. History 1880-1980 ((HU or SB) & C & H) | HST 326: The Global History of the Trans-Atlantic Slave Trade (SB & H) | HST 441: Latin America and the World Economy (L & G & H) |
| HST 329: Women in 20th-Century U.S. West (H & C) | HST 336: Islamic Civilization (HU & H) | HST 443: The United States and Latin America (SB & G & H) |
| HST 331: Mexican American History to 1900 (SB & H & C) | HST 339: Islam in the Modern World (HU & G) | HST 444: Latin American Independence ((L or HU) & G) |
| HST 332: Mexican American History Since 1900 (SB & H & C) | HST 346: Ancient Greece II: Late Classical and Hellenistic Period (SB & H) | HST 445: 20th-Century Cuba (SB & G & H) |
| HST 333: African American History to 1865 (SB & H & C) | HST 347: Ancient Greece I: Bronze Age through the Peloponnesian War (SB & H) | HST 447: Modern Mexico (SB & H) |
| HST 334: African American History Since 1865 ((HU or SB) & C & H) | HST 348: Rome (SB & H) | HST 448: Mexican/U.S. Border |
| HST 335: History of Black Women in America (SB & H) | HST 349: Early Middle Ages ((HU or SB) & H) | HST 451: Chinese Cultural History I ((HU or SB) & H) |
| HST 337: American Indian History to 1900 ((HU or SB) & C & H) | HST 350: Later Middle Ages ((HU or SB) & H) | HST 452: Chinese Cultural History II (SB & G & H) |
| HST 338: American Indian History since 1900 ((HU or SB) & C & H) | HST 351: Renaissance Europe ((L or HU or SB) & H) | HST 456: The Vietnam War (SB & G & H) |
| HST 340: American Military History (SB & H) | HST 352: Europe's Reformations ((L or HU or SB) & H) | HST 459: Gandhi and the Politics of Nonviolence |
| HST 341: U.S. West 19th Century (SB & H) | HST 353: Old Regime in Europe (SB & H) | HST 465: Women in Europe 1750 to Present ((HU or SB) & H) |
| | HST 354: Revolutionary Europe (SB & H) | |

| | |
|--|--|
| HST 342: U.S. West 20th Century (SB & H) | HST 355: Total War and the Crisis of Modernity (SB & G & H) |
| HST 343: American Southwest ((L or SB) & H) | HST 356: Europe since 1945 (SB & G & H) |
| HST 344: Arizona (SB & H) | HST 358: Jewish History from Antiquity to 1492 (SB & H) |
| HST 345: Environmental History (L) | HST 359: Jewish History from 1492 to 1948 (SB & G & H) |
| HST 377: Sports in United States History | HST 360: The Crusades: Religion & Conflict in the Middle Ages (SB & H) |
| HST 379: History of College Sports | HST 361: Witchcraft and Heresy in Europe ((L or HU) & H) |
| HST 405: Colonial American History to 1763 (SB & H) | HST 362: Sex and Society in Classical and Medieval Europe (SB & H) |
| HST 406: American Revolution/1763-1789 (SB & H) | HST 363: Sex and Society in Early Modern Europe ((HU or SB) & H) |
| HST 407: Early U.S. Republic/1789-1850 ((L or SB) & H) | HST 364: Sex and Society in Modern Europe ((L or SB) & H) |
| HST 408: Civil War and Reconstruction ((L or SB) & H) | HST 365: World Wars I and II: Europe's Eastern Front |
| HST 409: Emergence Modern U.S. 1877-1918 (SB & H) | HST 366: England to 1689 (SB & H) |
| HST 412: Contemporary U.S. 1973- Present (SB & H) | HST 367: Modern Britain (SB & H) |
| HST 413: Contemporary America ((L or SB) & H) | HST 368: Culture and Imagination in European History (HU & H) |
| HST 414: Political History and Leadership | HST 369: History and Memory of the Holocaust |
| HST 419: 20th Century Chicano/a History (C) | HST 370: Eastern Europe in Transition (SB & G & H) |
| HST 443: The United States and Latin America (SB & G & H) | HST 372: Modern Middle East (SB & G & H) |
| HST 448: Mexican/U.S. Border | HST 373: Roman History I: Foundations and Republic |
| HST 449: Mexican Immigration to the U.S. ((L or SB) & H & C) | HST 374: Roman History II: The Roman Empire |
| HST 456: The Vietnam War (SB & G & H) | HST 375: Colonial Latin America (SB & H) |
| | HST 376: Modern Latin America (SB & G & H) |
| | HST 383: China (SB & H) |
| | HST 384: Modern China: 1700 to the Present (SB & G & H) |
| | HST 385: History of Chinese Medicine (HU & H & G) |
| | HST 386: Interpreting China's Classics ((L or HU) & H) |
| | HST 387: Japan ((L or SB) & H) |

HST 388: Japan (SB & G & H)

HST 389: Japan Society and Values/Premod

HST 391: Modern Southeast Asia (SB & G & H)

HST 392: Modern India

HST 397: Greece and Rome at War

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.50 minimum

Cumulative GPA: 2.00 minimum

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Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.

2020 - 2021 Major Map



Integrated Studies, BA




School/College: [The College of Liberal Arts and Sciences](#)


Location: [Tempe campus](#)

LAISTBA

Students may not be admitted directly to the BA in Integrated Studies. This degree program is only for students who have earned at least 32 graded credit hours at ASU, who have a minimum cumulative GPA of 3.25, and whose study interests are not met by an already-existing major offered by Arizona State University. Students who meet the above qualifications and who have faculty mentors in their areas of interest are invited to meet with the Office of Student and Academic Programs in The College of Liberal Arts and Sciences to discuss the possibility of being allowed to pursue this opportunity. Appointments may be scheduled by calling (480) 965-6506.

| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. • Select your career interest area and play me3@asu. |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Mathematics (MA) | 3 | C | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Minimum 3.25 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 29 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • Join a student club or professional organization. |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Elective | 2 | | |
|  Minimum 3.25 GPA ASU Cumulative. | | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 3 29 - 43 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |

Elective 3

❖ Complete Mathematics (MA) requirement.

❖ Minimum 3.25 GPA ASU Cumulative.

Complete First-Year Composition requirement.

Term hours subtotal: 14

| Term 4 43 - 60 Credit Hours Critical course signified by ❖ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | <ul style="list-style-type: none"> • Visit Career and Professional Development Services and meet with a career advisor for assistance with career planning and networking. • Explore an internship |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Elective | 3 | | |
| ❖ Minimum 3.25 GPA ASU Cumulative. | | | |
| Term hours subtotal: | | 17 | |

| Term 5 60 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ Complete 2 courses: Approved integrated study courses; determined by advisor. | 6 | C | <ul style="list-style-type: none"> • Create a resume. • Review or develop your professional online presence. |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Complete 2 courses: Upper Division Elective | 6 | | |
| Minimum 3.25 GPA ASU Cumulative. | | | |
| Term hours subtotal: | | 15 | |

| Term 6 75 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ Complete 2 courses: Upper Division Approved integrated study courses; determined by advisor. | 6 | C | <ul style="list-style-type: none"> • Research graduate programs and employment opportunities. • Gather professional references. |
| ★ Complete 2 courses: Approved integrated study courses; determined by advisor. | 6 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Minimum 3.25 GPA ASU Cumulative. | | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | | 15 | |

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ Complete 4 courses: Upper Division Approved integrated study courses; determined by advisor. | 12 | C | <ul style="list-style-type: none"> • Prepare applications for graduate programs and full-time career opportunities. • Complete an in person or virtual practice interview. |
| ★ Approved integrated study courses; determined by advisor. | 3 | C | |
| Minimum 3.25 GPA ASU Cumulative. | | | |
| Term hours subtotal: | | 15 | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| <i>Complete 4 courses:</i> | | | |
| ★ Upper Division Approved integrated study courses; determined by advisor. | 12 | C | |
| Upper Division Elective | 3 | | |
| Minimum 3.25 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

Hide Course List(s)/Track Group(s)

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 3.25 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.

2020 - 2021 Major Map



Integrated Studies, BS




School/College: [The College of Liberal Arts and Sciences](#)




Location: [Tempe campus](#)




LAISTBS




Students may not be admitted directly to the BS in Integrated Studies. This degree program is only for students who have earned at least 32 graded credit hours at ASU, who have a minimum cumulative GPA of 3.25, and whose study interests are not met by an already-existing major offered by Arizona State University. Students who meet the above qualifications and who have faculty mentors in their areas of interest are invited to meet with the Office of Student and Academic Programs in The College of Liberal Arts and Sciences to discuss the possibility of being allowed to pursue this opportunity. Appointments may be scheduled by calling (480) 965-6506.



| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Select your career interest area and play me3@ASU. |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Mathematics (MA) | 3 | C | |
| Complete 2 courses: Elective | 6 | | |
| Minimum 3.25 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • Join a student club or professional organization |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Complete 2 courses: Elective | 6 | | |
|  Minimum 3.25 GPA ASU Cumulative. | | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 3 31 - 44 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| Science and Society Elective | 3 | C | <ul style="list-style-type: none"> • Before registering in term 4, students must meet with an advisor in the The College of Liberal Arts and Sciences Office of Student and Academic Programs to develop an approved program of integrated study courses. • Visit Career and Professional Development Services and meet with a career advisor for assistance with career planning and networking. |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
|  Complete Mathematics (MA) requirement. | | | |
|  Minimum 3.25 GPA ASU Cumulative. | | | |
| Complete First-Year Composition requirement. | | | |
| Term hours subtotal: | 13 | | |

| Term 4 44 - 60 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  Approved integrated study courses; determined by advisor. | 3 | C | <ul style="list-style-type: none"> • Develop your skills • Explore an internship |
| Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 3 | | |
|  Minimum 3.25 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  Complete 3 courses: | | | <ul style="list-style-type: none"> • Review or develop your professional online presence • Create a resume |
| Approved integrated study courses; determined by advisor. | 9 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 3 | | |
|  Minimum 3.25 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  Complete 2 courses: | | | <ul style="list-style-type: none"> • Research graduate programs and employment opportunities • Gather professional references |
| Upper Division Approved integrated study courses; determined by advisor. | 6 | C | |
| Approved integrated study courses; determined by advisor. | 3 | C | |
| Upper Division Science and Society Elective | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
|  Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
|  Minimum 3.25 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  Complete 4 courses: | | | <ul style="list-style-type: none"> • Prepare applications for graduate programs and full-time career opportunities • Complete an in person or virtual practice interview |
| Upper Division Approved integrated study courses; determined by advisor. | 12 | C | |
| Upper Division Elective | 3 | | |
|  Minimum 3.25 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|  Complete 4 courses: | | | |
| Upper Division Approved integrated study courses; determined by advisor. | 12 | C | |
| Upper Division Elective | 3 | | |
|  Minimum 3.25 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 3.25 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.





2020 - 2021 Major Map





International Letters and Cultures, BA




School/College: The College of Liberal Arts and Sciences

Location: Tempe campus

LASLCBA

| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement into mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Students in this major must be eligible to take a 200-level or above selected target language course in the first term. • ASU Language Placement: Only true beginners are eligible for 101-level courses. Students with previous experience in the language are required to take a language placement test. • Learn about intensive language courses. • Engage in your language and culture area at ASU. |
|  SLC 201: Introduction to Linguistics (HU or SB) | 3 | C | |
|  Approved Selected Language Courses | 4-5 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| Mathematics (MA) (MAT 142 recommended) | 3 | | |
| Term hours subtotal: | 14-15 | | |

| Term 2 14 - 27 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • Start planning your study abroad experience. Learn about faculty directed summer programs offered through the School of International Letters and Cultures. • Meet with a School of International Letters and Cultures academic advisor to discuss the best study abroad options for your major. • Attend a Financing your Study Abroad Program Workshop. • Select your Career Interest Communities and play me3@ASU. |
|  Approved Selected Language Courses | 4-5 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
|  Milestone: Meet with a SILC advisor before the end of the term to seek guidance in writing personal statement. | | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Minimum cumulative 3.00 GPA in primary target language courses. | | | |
| Minimum 2.33 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 13-14 | | |

| Term 3 27 - 44 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  Approved Selected Language Courses | 4-5 | C | <ul style="list-style-type: none"> • Meet with your academic advisor in SILC regarding your program of study, which is tailored for individual students. • Explore your career interest area. |
|  Course from approved Program of Study | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |

Social-Behavioral Sciences (SB) AND Global Awareness (G) 3

❖ Complete Mathematics (MA) requirement.

❖ Milestone: Write a personal statement and submit statement by the end of the term; receive Program of Study approval.

Complete First-Year Composition requirement.

Minimum 2.33 GPA ASU Cumulative.

Term hours subtotal: 17-18

- Learn about research opportunities through the ASU [Humanities Lab](#).
- Activate your [Handshake account](#) and build out your profile.

| Term 4 44 - 60 Credit Hours Critical course signified by ❖ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

❖ SLC 202: Introduction to Literary and Cultural Theory 3 C

❖ Complete 3 courses:

Course from approved Program of Study 9 C

Natural Science - Quantitative (SQ) OR Natural Science - General (SG) 4

Minimum 2.33 GPA ASU Cumulative.

Term hours subtotal: 16

- Learn about [internships](#), [scholarships](#) and [awards](#) available to language and culture majors.

| Term 5 60 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

★ Complete 3 courses:

Upper Division Course from approved Program of Study 9 C

Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) 3

Elective 3

Minimum 2.33 GPA ASU Cumulative.

Term hours subtotal: 15

- Learn about [national scholarships](#), [fellowships](#) and [research opportunities](#).

| Term 6 75 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

★ Complete 3 courses:

Upper Division Course from approved Program of Study 9 C

Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) 3

Elective 3

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Minimum 2.33 GPA ASU Cumulative.

Term hours subtotal: 15

- Make plans to study abroad in an [ASU Study Abroad](#) summer, semester, or academic year program.
- Use Handshake to research [employment opportunities](#)

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

★ Complete 3 courses:

Upper Division Course from approved Program of Study 9 C

Upper Division Literacy and Critical Inquiry (L) 3

Elective OR SLC 484: Internship 3

Term hours subtotal: 15

- Learn about ways to [build your skills](#).

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

★ 4** SLC Required Culture Course 3 C

Upper Division Course from approved Program of Study 3 C

- Attend a [Career Services](#) job fair or networking event.

| | | |
|---------------------------------------|----|---|
| Course from approved Program of Study | 3 | C |
| Complete 2 courses: | 6 | |
| Upper Division Elective | | |
| Term hours subtotal: | 15 | |

- This degree program is intended for students who are already fairly competent in the language selected to study. The language selected by the student must be one offered by the School of International Letters and Cultures. Please see an academic advisor in SILC for approval of the language as well as the program of study which is tailored for individual students. Because of the nature of the degree program, students taking Romanian and Portuguese should be at least at the 313 level by the end of Term 1, and students taking Greek should be at least at the 301 level by the end of Term 1. Students in all other languages should be at the 201 level by the end of Term 1.

Hide Course List(s)/Track Group(s)

| SLC 400-Level Required Culture Course Option | Approved Selected Language Courses |
|--|---|
| SLC 414: French and Italian Popular Culture ((L or HU) & G) | ARB 201: Intermediate Arabic I (G) AND ARB 202: Intermediate Arabic II (G) |
| SLC 415: Korean Popular Culture (HU & G) | ASL 201: American Sign Language III AND ASL 202: American Sign Language IV |
| SLC 421: Ghosts Monsters and Supernatural in Jpn Lit&Film ((L or HU) & G) | BCS 201: Intermediate Serbo-Croatian AND BCS 202: Intermediate Serbo-Croatian |
| SLC 421: Japanese Aesthetics ((L or HU) & G) | CHI 201: Second-Year Chinese I (G) AND CHI 202: Second-Year Chinese II (G) or CHI 210: Intensive Chinese II |
| SLC 421: Japanese Film and Animation 1945-present ((L or HU) & G) | FRE 201: Intermediate French I (G) AND FRE 202: Intermediate French II (G) or FRE 210: Intensive French II (G) |
| SLC 421: Japanese Literature in Translation ((L or HU) & G) | GER 201: Intermediate German I (G) AND GER 202: Intermediate German II (G) or GER 210: Intensive German II (G) |
| SLC 421: Samurai and Geisha ((L or HU) & G) | GRK 301: Ancient Greek Literature I (HU) AND GRK 302: Ancient Greek Literature II (HU) |
| SLC 421: Travel and Exploration in Early Modern Japan ((L or HU) & G) | HEB 201: Intermediate Modern Hebrew (G) AND HEB 202: Intermediate Modern Hebrew (G) |
| SLC 423: Italian Organized Crime in Films and History ((L or HU) & G) | HEB 231: Biblical Hebrew III AND HEB 232: Biblical Hebrew IV |
| SLC 425: What is Globalization? A History of Contact and Conflict (HU & G) | IDN 201: Intermediate Indonesian I (G) AND IDN 202: Intermediate Indonesian II (G) |
| SLC 429: Studies in European Literature and Culture ((L or HU) & G & H) | ITA 201: Intermediate Italian I (G) AND ITA 202: Intermediate Italian II (G) or ITA 210: Intensive Italian II (G) |
| SLC 439: Art in Exile: VladĀ-mir VladĀ-mirovich Nabokov (L or HU) | JPN 201: Second-Year Japanese I (G) AND JPN 202: Second-Year Japanese II (G) or JPN 210: Intensive Japanese II |
| SLC 441: Fairy Tales (HU & G) | |
| SLC 442: Dracula and Vampire Lore (HU) | |
| SLC 444: Heroes Ancient and Modern (L or HU) | |
| SLC 445: The Holocaust in German-Mediated Memory | |

| | |
|--|---|
| SLC 446: Weimar-Era German Film | KOR 201: Second-Year Korean I (G) AND KOR 202: Second-Year Korean II (G) |
| SLC 447: German Modernism | |
| SLC 450: Experimental Narrative | LAT 201: Intermediate Latin I (HU) AND LAT 202: Intermediate Latin II (HU) |
| SLC 451: Chinese Cultural History I ((HU or SB) & H) | PLC 201: Intermediate Polish AND PLC 202: Intermediate Polish |
| SLC 452: Chinese Cultural History II (SB & G & H) | POR 201: Intermediate Portuguese I (G) AND POR 202: Intermediate Portuguese II |
| SLC 455: Berlin: Migration Arts and Activism (G) | ROM 313: Romanian Composition and Conversation AND ROM 314: Romanian Composition and Conversation |
| SLC 457: Premodern Korea in a Global Context | RUS 201: Intermediate Russian I (G) AND RUS 202: Intermediate Russian II (G) |
| SLC 459: Latin American Jewish Culture | |
| SLC 465: Intercultural Communicative Competence | SPA 201: Intermediate Spanish (G) AND SPA 202: Intermediate Spanish (G) or SPA 203: Intermediate Spanish I for Bilinguals (G) AND SPA 204: Intermediate Spanish II for Bilinguals (G) or SPA 210: Intensive Spanish II (G) |
| SLC 475: Latin American Film ((L or HU) & G) | |
| SLC 494: Special Topics | VTN 201: Intermediate Vietnamese I (G) AND VTN 202: Intermediate Vietnamese II (G) |

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map




International Letters and Cultures (Arabic Studies), BA





School/College: The College of Liberal Arts and Sciences




Location: Tempe campus

LASLCASBA

| Term 1 0 - 15 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  ARB 101: Elementary Arabic I (G) | 5 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific First-Year Seminar required of all first-year students. • ASU Language Placement: Only true beginners are eligible to take 101-level language courses. Students with previous experience in the language must take a placement test. • Engage in Arabic at ASU. Practice your language skills at the SILC Cafe. |
|  SLC 201: Introduction to Linguistics (HU or SB) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Term hours subtotal: | 15 | | |

| Term 2 15 - 31 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  ARB 102: Elementary Arabic II (G) | 5 | C | <ul style="list-style-type: none"> • Meet with a School of International Letters and Cultures academic advisor to discuss the best study abroad options for your major. Attend a Financing Your Study Abroad Program Workshop. • Select your career interest area and play me3@ASU. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 1 | | |
|  Complete ENG 101 or ENG 105 or ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 31 - 45 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  ARB 201: Intermediate Arabic I (G) | 5 | C | <ul style="list-style-type: none"> • Meet with a School of International Letters and Cultures academic advisor to learn about internships and scholarships and awards for language and culture majors. • Arabic offers many opportunities if you are interested in working for the Peace Corps. |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Elective | 3 | | |
|  Complete First-Year Composition requirement. | | | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 14 | | |

| Term 4 45 - 60 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  ARB 202: Intermediate Arabic II (G) | 5 | C | <ul style="list-style-type: none"> • Meet with a School of International Letters and Cultures academic advisor to learn about |
|  SLC 202: Introduction to Literary and Cultural Theory | 3 | C | |

| | |
|---|----|
| Literacy and Critical Inquiry (L) | 3 |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 |
| Term hours subtotal: | 15 |

internships and scholarships and awards for language and culture majors.

- Learn about research opportunities through the ASU [Humanities Lab](#).

| Term 5 60 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ ARB 311: Advanced Arabic Skills I OR ARB 315: Advanced Arabic for Heritage Speakers | 3 | C | <ul style="list-style-type: none"> • Learn about national scholarships, fellowships, and research opportunities. |
| ★ ARB 331: Arabic/Islamic Culture and Literature (HU & H & G) | 3 | C | |
| ★ Upper Division Concentration Electives | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ ARB 321: Arabic Conversation I | 3 | C | <ul style="list-style-type: none"> • Students must take a minimum of six credit hours in related area courses. Credit hours in excess of the six required credit hours will be counted as elective hours toward the 120 total credit hours required for any ASU degree. • Explore your career interest area. • Use Handshake to research employment opportunities. |
| ★ ARB 341: Quran Text and Women (HU & H) | 3 | C | |
| ★ Complete 2 courses: Upper Division Concentration Electives | 6 | C | |
| ★ Upper Division Related Area Course Electives | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ ARB 351: Classical Arabic Literature | 3 | C | <ul style="list-style-type: none"> • Gather professional references. |
| ★ Upper Division Concentration Electives | 3 | C | |
| ★ 4** SLC Required Culture Course Option | 3 | C | |
| Complete 2 courses: Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ ARB 352: Modern Arabic Literature in Translation (HU & G) | 3 | C | <ul style="list-style-type: none"> • Attend an ASU Career Services workshop or Job Fair. |
| ★ Upper Division Concentration Electives | 3 | C | |
| ★ Upper Division Related Area Course Electives | 3 | C | |
| Complete 2 courses: Elective | 6 | | |
| Term hours subtotal: | 15 | | |

Hide Course List(s)/Track Group(s)

| | | |
|----------------------|---------------------------------------|--|
| Related Area Courses | Concentration Electives | SLC 400-Level Required Culture Course Option |
| | ARB 335: Arabic Culture and Islam (G) | |

| | | |
|--|---|--|
| AFR 480: Different Voices Within Contemporary Islamic Discourse | ARB 336: Introduction to the Qur'an (G) | SLC 414: French and Italian Popular Culture ((L or HU) & G) |
| HST 360: The Crusades: Religion & Conflict in the Middle Ages (SB & H) | ARB 337: Hadith and Prophetic Tradition | SLC 415: Korean Popular Culture (HU & G) |
| HST 372: Modern Middle East (SB & G & H) | ARB 340: Arabic Translation | SLC 421: Ghosts Monsters and Supernatural in Jpn Lit&Film ((L or HU) & G) |
| POS 353: Comparative Politics of the Middle East | ARB 360: Islamic Philosophical Literature | SLC 421: Japanese Film and Animation 1945-present ((L or HU) & G) |
| REL 365: Islamic Civilization (HU & H) | ARB 411: Advanced Arabic Skills II | SLC 421: Japanese Literature in Translation ((L or HU) & G) |
| | ARB 421: Arabic Conversation II | SLC 421: Samurai and Geisha ((L or HU) & G) |
| | ARB 422: Advanced Arabic Media | SLC 421: Travel and Exploration in Early Modern Japan ((L or HU) & G) |
| | ARB 493: Honors Thesis (L) | SLC 423: Italian Organized Crime in Films and History ((L or HU) & G) |
| | ARB 499: Individualized Instruction | SLC 425: What is Globalization? A History of Contact and Conflict (HU & G) |
| | | SLC 429: Studies in European Literature and Culture ((L or HU) & G & H) |
| | | SLC 439: Art in Exile: VladĀ-mir VladĀ-mirovich Nabokov (L or HU) |
| | | SLC 441: Fairy Tales (HU & G) |
| | | SLC 442: Dracula and Vampire Lore (HU) |
| | | SLC 444: Heroes Ancient and Modern (L or HU) |
| | | SLC 445: The Holocaust in German-Mediated Memory |
| | | SLC 446: Weimar-Era German Film |
| | | SLC 447: German Modernism |
| | | SLC 450: Experimental Narrative |
| | | SLC 451: Chinese Cultural History I ((HU or SB) & H) |
| | | SLC 452: Chinese Cultural History II (SB & G & H) |
| | | SLC 455: Berlin: Migration Arts and Activism (G) |
| | | SLC 457: Premodern Korea in a Global Context |
| | | SLC 459: Latin American Jewish Culture |
| | | SLC 465: Intercultural Communicative Competence |
| | | SLC 475: Latin American Film ((L or HU) & G) |

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.





2020 - 2021 Major Map




International Letters and Cultures (Classical Civilization), BA



School/College: [The College of Liberal Arts and Sciences](#)

Location: [Tempe campus](#)

LASLCVBA

| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • ASU Language Placement: Only true beginners are eligible for 101-level courses. Students with experience in the language must take a placement exam. • Learn about Intensive Language courses at ASU. • Explore your career interest area. • Engage in the Classics at ASU. Practice your language skills at the SILC Cafe. |
|  SLC 201: Introduction to Linguistics (HU or SB) | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| Mathematics (MA) (MAT 142 recommended) | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a second language course at the 4th semester intermediate level (202 or above). | 4 | C | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • Start planning your study abroad experience. Learn about ASU Study Abroad programs. • Meet with a School of International Letters and Cultures academic advisor to discuss the best study abroad options for your major. • Attend a Financing Your Study Abroad Program workshop. • SLC 221, 222, and 223 are not required to be taken in sequence. • Select your career interest area and play me3@ASU |
| SLC 221: Survey of Ancient Greek Literature (HU) OR SLC 222: Survey of Roman Literature (HU) OR SLC 223: Introduction to Greek and Roman Mythology (HU) | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a second language course at the 4th semester intermediate level (202 or above). | 4 | C | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Historical Awareness (H) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). Term hours subtotal: | 16 | | |

| Term 3 30 - 46 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  SLC 202: Introduction to Literary and Cultural Theory | 3 | C | <ul style="list-style-type: none"> • Learn about internships, scholarships and awards and explore your career interest area. • SLC 221, 222, and 223 are not required to be taken in sequence. |
| SLC 221: Survey of Ancient Greek Literature (HU) OR SLC 222: Survey of Roman Literature (HU) OR SLC 223: Introduction to Greek and Roman Mythology (HU) | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a second language course at the 4th semester intermediate level (202 or above). | 4 | C | |
| <i>Complete 2 courses:</i> | | | |

Elective 6

❖ Complete Mathematics (MA) requirement.

Complete First-Year Composition requirement.

Term hours subtotal: 16

| Term 4 46 - 60 Credit Hours Critical course signified by ❖ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

❖ SLC 221: Survey of Ancient Greek Literature (HU) OR SLC 222: Survey of Roman Literature (HU) OR SLC 223: Introduction to Greek and Roman Mythology (HU)

3 C

- Meet with a School of International Letters and Cultures **academic advisor** to discuss the best **study abroad options** for your major.

Second Language: Requirement satisfied through the following:
* Completion of a second language course at the 4th semester intermediate level (202 or above).

4-6 C

Computer/Statistics/Quantitative Applications (CS)

3

Natural Science - Quantitative (SQ)

4

Term hours subtotal: 14-16

| Term 5 60 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

★ HST 346: Ancient Greece II: Late Classical and Hellenistic Period (SB & H) OR HST 347: Ancient Greece I: Bronze Age through the Peloponnesian War (SB & H) OR HST 373: Roman History I: Foundations and Republic OR HST 374: Roman History II: The Roman Empire

3 C

- Explore your **career interest area**.

Literacy and Critical Inquiry (L)

3

Natural Science - General (SG) OR Natural Science - Quantitative (SQ)

4

Social-Behavioral Sciences (SB) AND Global Awareness (G)

3

Elective

2

Term hours subtotal: 15

| Term 6 75 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

★ HST 346: Ancient Greece II: Late Classical and Hellenistic Period (SB & H) OR HST 347: Ancient Greece I: Bronze Age through the Peloponnesian War (SB & H) OR HST 373: Roman History I: Foundations and Republic OR HST 374: Roman History II: The Roman Empire

3 C

- Meet with a School of International Letters and Cultures **academic advisor** to discuss the best study abroad options for your major.

★ Complete 2 courses:
Upper Division Culture Courses

6 C

- Visit the **Office of National Scholarship Advisement** to learn more about national scholarships, fellowships and research opportunities.

Complete 2 courses:
Upper Division Elective

6

- Use Handshake to research **employment opportunities**

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal: 15

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

★ HST 346: Ancient Greece II: Late Classical and Hellenistic Period (SB & H) OR HST 347: Ancient Greece I: Bronze Age through the Peloponnesian War (SB & H) OR HST 373: Roman History I: Foundations and Republic OR HST 374: Roman History II: The Roman Empire

3 C

- Build your **skills**.

★ 4** SLC Required Culture Course

3 C

Upper Division Literacy and Critical Inquiry (L)

3

| | |
|--|----|
| Upper Division Elective OR SLC 484: Internship | 3 |
| Elective | 3 |
| Term hours subtotal: | 15 |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ Upper Division Social-Behavioral Sciences (SB) | 3 | | • Attend an ASU Career Services Job Fair. |
| Complete 4 courses: | | | |
| Upper Division Elective | 12 | | |
| Term hours subtotal: | 15 | | |

- Contact a School of International Letters and Sciences **academic advisor** for additional Culture Course options.
- SLC 494 language and/or translation courses may not be used for the SLC 400-Level Required Course Option.

Hide Course List(s)/Track Group(s)

| Culture Courses | SLC 400-Level Required Culture Course Option |
|--|--|
| APH 313: History of Architecture I ((L or HU) & G & H) | SLC 414: French and Italian Popular Culture ((L or HU) & G) |
| ARS 402: Art of Ancient Egypt (HU & H) | SLC 415: Korean Popular Culture (HU & G) |
| ARS 404: Greek Art (HU & H) | SLC 421: Ghosts Monsters and Supernatural in Jpn Lit&Film ((L or HU) & G) |
| ARS 406: Roman Art (HU & H) | SLC 421: Japanese Film and Animation 1945-present ((L or HU) & G) |
| ASB 330: Understanding Archaeology (SB) | SLC 421: Japanese Literature in Translation ((L or HU) & G) |
| ENG 303: Classical Backgrounds of English Literature (HU) | SLC 423: Italian Organized Crime in Films and History ((L or HU) & G) |
| HST 347: Ancient Greece I: Bronze Age through the Peloponnesian War (SB & H) | SLC 425: What is Globalization? A History of Contact and Conflict (HU & G) |
| HST 348: Rome (SB & H) | SLC 429: Studies in European Literature and Culture ((L or HU) & G & H) |
| HST 349: Early Middle Ages ((HU or SB) & H) | SLC 439: Art in Exile: VladĀ-mir VladĀ-mirovich Nabokov (L or HU) |
| HST 362: Sex and Society in Classical and Medieval Europe (SB & H) | SLC 441: Fairy Tales (HU & G) |
| HST 373: Roman History I: Foundations and Republic | SLC 442: Dracula and Vampire Lore (HU) |
| HST 374: Roman History II: The Roman Empire | SLC 444: Heroes Ancient and Modern (L or HU) |
| HST 495: Politics in the Ancient Greek World (L) | SLC 445: The Holocaust in German-Mediated Memory |
| LAT 421: Roman Literature (HU) | SLC 446: Weimar-Era German Film |
| PHI 328: History of Ancient Philosophy (HU & H) | SLC 447: German Modernism |

| | |
|--|--|
| POS 340: History of Political Philosophy I (HU & H) | SLC 450: Experimental Narrative |
| REL 315: Hebrew Bible (Old Testament) ((L or HU) & H) | SLC 451: Chinese Cultural History I ((HU or SB) & H) |
| REL 316: Literary Readings of the Hebrew Bible (L or HU) | SLC 452: Chinese Cultural History II (SB & G & H) |
| REL 371: New Testament (HU) | SLC 455: Berlin: Migration Arts and Activism (G) |
| REL 375: Lost Scriptures Lost Christianities (HU) | SLC 457: Premodern Korea in a Global Context |
| SLC 344: Classics and Comics (HU) | SLC 459: Latin American Jewish Culture |
| SLC 345: Ancient Greece I: Bronze Age through the Peloponnesian War (SB & H) | SLC 465: Intercultural Communicative Competence |
| SLC 346: Ancient Greece II: Late Classical and Hellenistic Period (SB & H) | SLC 475: Latin American Film ((L or HU) & G) |
| SLC 360: Greece and Rome at War | SLC 494: Special Topics |
| SLC 361: Roman Religion (HU) | |
| SLC 362: Ancient Greek Religion | |
| SLC 373: Roman History I: Foundations and Republic | |
| SLC 374: Roman History II: The Roman Empire | |
| SLC 444: Heroes Ancient and Modern (L or HU) | |

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.






2020 - 2021 Major Map






International Letters and Cultures (Classics) - Greek, BA






School/College: [The College of Liberal Arts and Sciences](#)

Location: [Tempe campus](#)

LASLCCBA

| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  GRK 101: Elementary Ancient Greek | 4 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • ASU Language Placement: Only true beginners are eligible for 101-level courses. Students with previous experience in the language are required to take a language placement test. • Engage in the Classics at ASU. Practice your language skills at the SILC Cafe. |
|  SLC 201: Introduction to Linguistics (HU or SB) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| Mathematics (MA) (MAT 142 recommended) | 3 | | |
|  Minimum 2.33 GPA ASU Cumulative. | | | |
|  Minimum 3.00 GPA in GRK. | | | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  GRK 201: Intermediate Ancient Greek | 4 | C | <ul style="list-style-type: none"> • Start planning your study abroad experience. Learn about faculty-directed summer study abroad programs offered through the School of International Letters and Cultures. • Meet with a School of International Letters and Cultures academic advisor to discuss the best study abroad options for your major. • Attend a Financing Your Study Abroad Program Workshop. • Select your career interest area and play me3@ASU. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Complete 2 courses: Elective | 6 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Minimum 2.33 GPA ASU Cumulative. | | | |
|  Minimum 3.00 GPA in GRK. | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 46 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  GRK 301: Ancient Greek Literature I (HU) | 3 | C | <ul style="list-style-type: none"> • Students are required to take GRK 301 twice, once in Term 3 and again in Term 5. • Meet with a School of International Letters and Cultures academic advisor to discuss the best study abroad options for your major. |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
|  Complete First-Year Composition requirement. | | | |
|  Complete Mathematics (MA) requirement. | | | |
|  Minimum 3.00 GPA in GRK. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 46 - 62 Credit Hours Critical course signified by ⚠ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ⚠ GRK 302: Ancient Greek Literature II (HU) | 3 | C | <ul style="list-style-type: none"> • Students are required to take GRK 302 twice, once in Term 4 and again in Term 6. • Learn about internship, scholarships and awards opportunities. • Explore your career interest area. • Learn about research opportunities through the ASU Humanities Lab. |
| ⚠ SLC 202: Introduction to Literary and Cultural Theory | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Complete 2 courses: Elective | 6 | | |
| ⚠ Minimum 3.00 GPA in GRK. | | | |
| Term hours subtotal: | 16 | | |

| Term 5 62 - 77 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ GRK 301: Ancient Greek Literature I (HU) | 3 | C | <ul style="list-style-type: none"> • Students are required to take GRK 301 twice. • Learn about national scholarships, fellowships and research opportunities. |
| HST 346: Ancient Greece II: Late Classical and Hellenistic Period (SB & H) OR HST 347: Ancient Greece I: Bronze Age through the Peloponnesian War (SB & H) OR HST 373: Roman History I: Foundations and Republic OR HST 374: Roman History II: The Roman Empire | 3 | C | |
| PHI 328: History of Ancient Philosophy (HU & H) | 3 | C | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 77 - 92 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ GRK 302: Ancient Greek Literature II (HU) | 3 | C | <ul style="list-style-type: none"> • Students are required to take GRK 302 twice. • Explore your career interest area. • Use Handshake to research employment opportunities. |
| HST 346: Ancient Greece II: Late Classical and Hellenistic Period (SB & H) OR HST 347: Ancient Greece I: Bronze Age through the Peloponnesian War (SB & H) OR HST 373: Roman History I: Foundations and Republic OR HST 374: Roman History II: The Roman Empire | 3 | C | |
| Complete 2 courses: Upper Division Elective | 6 | | |
| Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 92 - 107 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ Related Area Course | 3 | C | <ul style="list-style-type: none"> • Students must take a minimum of seven credit hours in related area courses. Credit hours in excess of the seven required credit hours will be counted as elective hours toward the 120 total credit hours required for any ASU degree. |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective OR SLC 484: Internship | 3 | | |
| Complete 2 courses: Upper Division Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 8 107 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ 4** (400-Level) SLC Required Culture Course Option | 3 | C | <ul style="list-style-type: none"> • Students must take a minimum of seven credit hours in related area courses. Credit hours in |

| | | |
|-------------------------|----|---|
| ★ Related Area Course | 4 | C |
| Upper Division Elective | 3 | |
| Elective | 3 | |
| Term hours subtotal: | 13 | |

excess of the seven required credit hours will be counted as elective hours toward the 120 total credit hours required for any ASU degree.

- Attend an [ASU Career Services](#) workshop or job fair.

- Students may choose Related Area courses from the course list below. Contact a School of International Letters and Sciences [academic advisor](#) for additional Related Area Course options.
- SLC language and/or translation courses may not be used for the SLC 400-Level Required Culture Course Option.

Hide Course List(s)/Track Group(s)

| Related Area Courses | SLC 400-Level Required Culture Course Option |
|--|--|
| APH 300: World Architecture I/Western Cultures (HU & H & G) | SLC 414: French and Italian Popular Culture ((L or HU) & G) |
| APH 313: History of Architecture I ((L or HU) & G & H) | SLC 423: Italian Organized Crime in Films and History ((L or HU) & G) |
| ARS 101: Art from Prehistory Through Middle Ages (HU & H) | SLC 425: What is Globalization? A History of Contact and Conflict (HU & G) |
| ARS 402: Art of Ancient Egypt (HU & H) | SLC 429: Studies in European Literature and Culture ((L or HU) & G & H) |
| ARS 404: Greek Art (HU & H) | SLC 439: Art in Exile: VladĀ-mir VladĀ-mirovich Nabokov (L or HU) |
| ARS 406: Roman Art (HU & H) | SLC 441: Fairy Tales (HU & G) |
| ASB 222: Buried Cities and Lost Tribes ((HU or SB) & G & H) | SLC 444: Heroes Ancient and Modern (L or HU) |
| ASB 330: Understanding Archaeology (SB) | SLC 445: The Holocaust in German-Mediated Memory |
| ENG 303: Classical Backgrounds of English Literature (HU) | SLC 446: Weimar-Era German Film |
| GRK 4** Elective | SLC 447: German Modernism |
| HPS 322: History of Science (HU & H) | SLC 450: Experimental Narrative |
| HST 362: Sex and Society in Classical and Medieval Europe (SB & H) | SLC 451: Chinese Cultural History I ((HU or SB) & H) |
| LAT 4** Elective | SLC 452: Chinese Cultural History II (SB & G & H) |
| POS 340: History of Political Philosophy I (HU & H) | SLC 455: Berlin: Migration Arts and Activism (G) |
| REL 310: Western Religious Traditions (HU & H) | SLC 457: Premodern Korea in a Global Context |
| REL 315: Hebrew Bible (Old Testament) ((L or HU) & H) | SLC 459: Latin American Jewish Culture |
| REL 316: Literary Readings of the Hebrew Bible (L or HU) | SLC 475: Latin American Film ((L or HU) & G) |
| REL 371: New Testament (HU) | |

REL 372: Formation of the Christian Tradition
(HU & H)

SLC 494: Special Topics

REL 375: Lost Scriptures Lost Christianities
(HU)

SLC 142: Ancient Greek Civilization (HU &
H)

SLC 144: The Ancient Mediterranean

SLC 221: Survey of Ancient Greek Literature
(HU)

SLC 222: Survey of Roman Literature (HU)

SLC 223: Introduction to Greek and Roman
Mythology (HU)

SLC 344: Classics and Comics (HU)

SLC 360: Greece and Rome at War

SLC 361: Roman Religion (HU)

SLC 362: Ancient Greek Religion

SLC 373: Roman History I: Foundations and
Republic

SLC 374: Roman History II: The Roman
Empire

SLC 444: Heroes Ancient and Modern (L or
HU)

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.





2020 - 2021 Major Map




International Letters and Cultures (Classics) - Latin, BA





School/College: [The College of Liberal Arts and Sciences](#)


Location: [Tempe campus](#)

LASLCCBA

| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  SLC 201: Introduction to Linguistics (HU or SB) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • ASU Language Placement: Only true beginners are eligible for 101-level courses. Students with previous experience in the language are required to take a language placement test. • Engage in the Classics at ASU. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LAT 101: Elementary Latin | 4 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| Mathematics (MA) (MAT 142 recommended) | 3 | | |
|  Minimum 2.33 GPA ASU Cumulative. | | | |
|  Minimum 3.00 GPA in LAT. | | | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • Start planning your study abroad experience. Learn about Study Abroad faculty-directed programs offered through the ASU Study Abroad Office and the School of International Letters and Cultures. • Meet with a School of International Letters and Cultures academic advisor to discuss the best study abroad options for your major. • Select your career interest area and play me3@ASU. |
| LAT 102: Elementary Latin | 4 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Elective | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Minimum 3.00 GPA in LAT. | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 46 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| LAT 201: Intermediate Latin I (HU) | 4 | C | <ul style="list-style-type: none"> • Meet with a School of International Letters and Cultures academic advisor to discuss the best study abroad options for your major. • Attend a Financing Your Study Abroad Program Workshop. |
| Historical Awareness (H) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Complete 2 courses: Elective | 6 | | |
|  Complete First-Year Composition requirement. | | | |
|  Complete Mathematics (MA) requirement. | | | |
|  Minimum 3.00 GPA in LAT. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 46 - 60 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|---|----|---|
| 🚩 LAT 202: Intermediate Latin II (HU) | 4 | C |
| 🚩 SLC 202: Introduction to Literary and Cultural Theory | 3 | C |
| Global Awareness (G) | 3 | |
| Natural Science - Quantitative (SQ) | 4 | |
| 🚩 Minimum 2.33 GPA ASU Cumulative. | | |
| 🚩 Minimum 3.00 GPA in LAT. | | |
| Term hours subtotal: | 14 | |

- Learn about **internships, scholarships and award opportunities**.
- Explore research opportunities through the **ASU Humanities Lab**.

| Term 5 60 - 76 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|---|----|---|
| HST 346: Ancient Greece II: Late Classical and Hellenistic Period (SB & H) OR HST 347: Ancient Greece I: Bronze Age through the Peloponnesian War (SB & H) OR HST 373: Roman History I: Foundations and Republic OR HST 374: Roman History II: The Roman Empire | 3 | C |
| ★ LAT 421: Roman Literature (HU) | 3 | C |
| Upper Division Literacy and Critical Inquiry (L) | 3 | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | |
| Upper Division Elective | 3 | |
| Term hours subtotal: | 16 | |

- Learn about **national scholarships, fellowships, and research opportunities**.

| Term 6 76 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|--|----|---|
| ★ LAT 421: Roman Literature (HU) | 3 | C |
| Complete 2 courses: Related Area Courses | 5 | C |
| Upper Division Elective | 3 | |
| Elective | 3 | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |
| Term hours subtotal: | 14 | |

- Students are required to take LAT 421 twice.
- Students must take a minimum of eight credit hours in related area courses. Credit hours in excess of the eight required credit hours will be counted as elective hours toward the 120 total credit hours required for any ASU degree.
- Explore your **career interest area**.
- Use Handshake to research **employment opportunities**.

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | |
|---|----|---|
| HST 346: Ancient Greece II: Late Classical and Hellenistic Period (SB & H) OR HST 347: Ancient Greece I: Bronze Age through the Peloponnesian War (SB & H) OR HST 373: Roman History I: Foundations and Republic OR HST 374: Roman History II: The Roman Empire | 3 | C |
| Related Area Courses | 3 | C |
| Upper Division Elective OR SLC 484: Internship | 3 | |
| Complete 2 courses: Upper Division Elective | 6 | |
| Term hours subtotal: | 15 | |

- Students must take a minimum of eight credit hours in related area courses. Credit hours in excess of the eight required credit hours will be counted as elective hours toward the 120 total credit hours required for any ASU degree.
- Gather **professional references**.

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|--|----|---|
| ★ 4** (400-Level) SLC Required Culture Course Option | 3 | C |
| Complete 4 courses: Upper Division Elective | 12 | |

- Attend a **career and internship event**.

Term hours subtotal: 15

- Students may choose related area courses from the course list below. Contact a School of International Letters and Sciences [academic advisor](#) for additional Related Area Course options.
- SLC language and/or translation courses may not be used for the SLC 400-Level Required Culture Course Option.

Hide Course List(s)/Track Group(s)

| Related Area Courses | SLC 400-Level Required Culture Course |
|--|--|
| APH 300: World Architecture I/Western Cultures (HU & H & G) | SLC 414: French and Italian Popular Culture ((L or HU) & G) |
| APH 313: History of Architecture I ((L or HU) & G & H) | SLC 415: Korean Popular Culture (HU & G) |
| ARS 101: Art from Prehistory Through Middle Ages (HU & H) | SLC 421: Ghosts Monsters and Supernatural in Jpn Lit&Film ((L or HU) & G) |
| ARS 402: Art of Ancient Egypt (HU & H) | SLC 421: Japanese Film and Animation 1945-present ((L or HU) & G) |
| ARS 404: Greek Art (HU & H) | SLC 421: Japanese Literature in Translation ((L or HU) & G) |
| ARS 406: Roman Art (HU & H) | SLC 421: Samurai and Geisha ((L or HU) & G) |
| ASB 222: Buried Cities and Lost Tribes ((HU or SB) & G & H) | SLC 423: Italian Organized Crime in Films and History ((L or HU) & G) |
| ASB 330: Understanding Archaeology (SB) | SLC 425: What is Globalization? A History of Contact and Conflict (HU & G) |
| ENG 303: Classical Backgrounds of English Literature (HU) | SLC 429: Studies in European Literature and Culture ((L or HU) & G & H) |
| GRK 4** Elective | SLC 429: What is Europe? ((L or HU) & G & H) |
| HPS 322: History of Science (HU & H) | SLC 439: Art in Exile: VladĀ-mir VladĀ-mirovich Nabokov (L or HU) |
| HST 362: Sex and Society in Classical and Medieval Europe (SB & H) | SLC 441: Fairy Tales (HU & G) |
| HST 495: Politics in the Ancient Greek World (L) | SLC 442: Dracula and Vampire Lore (HU) |
| LAT 4** Elective | SLC 444: Heroes Ancient and Modern (L or HU) |
| PHI 328: History of Ancient Philosophy (HU & H) | SLC 445: The Holocaust in German-Mediated Memory |
| POS 340: History of Political Philosophy I (HU & H) | SLC 446: Weimar-Era German Film |
| REL 310: Western Religious Traditions (HU & H) | SLC 447: German Modernism |
| REL 315: Hebrew Bible (Old Testament) ((L or HU) & H) | SLC 450: Experimental Narrative |
| REL 316: Literary Readings of the Hebrew Bible (L or HU) | SLC 451: Chinese Cultural History I ((HU or SB) & H) |
| REL 371: New Testament (HU) | |

| | |
|--|---|
| REL 372: Formation of the Christian Tradition (HU & H) | SLC 452: Chinese Cultural History II (SB & G & H) |
| REL 375: Lost Scriptures Lost Christianities (HU) | SLC 455: Berlin: Migration Arts and Activism (G) |
| SLC 123: Gods and Monsters: Comparative Mythology (HU & G) | SLC 457: Premodern Korea in a Global Context |
| SLC 142: Ancient Greek Civilization (HU & H) | SLC 459: Latin American Jewish Culture |
| SLC 144: The Ancient Mediterranean | SLC 465: Intercultural Communicative Competence |
| SLC 344: Classics and Comics (HU) | SLC 475: Latin American Film ((L or HU) & G) |
| SLC 345: Ancient Greece I: Bronze Age through the Peloponnesian War (SB & H) | |
| SLC 346: Ancient Greece II: Late Classical and Hellenistic Period (SB & H) | |
| SLC 360: Greece and Rome at War | |
| SLC 361: Roman Religion (HU) | |
| SLC 362: Ancient Greek Religion | |
| SLC 373: Roman History I: Foundations and Republic | |
| SLC 374: Roman History II: The Roman Empire | |
| SLC 394: Augustus and the Creation of the Roman Empire | |
| SLC 394: Glory that was Greece | |
| SLC 394: Rome Before the Empire | |
| SLC 394: Tales of Troy | |
| SLC 444: Heroes Ancient and Modern (L or HU) | |

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)

Total College Residency Hrs: 12 minimum

- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.









2020 - 2021 Major Map

Italian, BA

School/College: [The College of Liberal Arts and Sciences](#)

Location: [Tempe campus](#)

LAITABA

| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  SLC 201: Introduction to Linguistics (HU or SB) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • ASU Language Placement: Only true beginners are eligible for 101-level courses. Students with previous experience in the language are required to take a language placement test. • Learn about Italian language intensive courses. ITA 110 (6 credit language course equivalent to ITA 101 and ITA 102) is offered in the Spring semester. • Engage in Italian at ASU. Practice your language skills at the SILC Cafe. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| ITA 101: Elementary Italian I (G) | 4-6 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Maintain 2.33 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 14-16 | | |
| Term 2 14 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • Start planning your study abroad experience. Attend a Financing Your Study Abroad Program Workshop • ITA 210 (6 credit hour intensive language course equivalent to ITA 201 and ITA 202) is offered on the ASU Study Abroad Italian Language, Food and Culture in San Severino Marche Summer Program. • Select your Career Interest Communities and play me3@ASU. |
| ITA 102: Elementary Italian II (G) | 4-6 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Elective | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Maintain 2.33 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 16-18 | | |
| Term 3 30 - 44 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  ITA 201: Intermediate Italian I (G) | 4 | C | <ul style="list-style-type: none"> • Meet with a School of International Letters and Cultures academic advisor to learn about internship opportunities in Italian and to discuss the best study abroad options for your major. • Learn about research opportunities through the ASU Humanities Lab. • Learn about scholarship opportunities for language and culture majors. |
| Natural Science - Quantitative (SQ) | 4 | | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Elective | 3 | | |
|  Complete First-Year Composition requirement. | | | |
|  Complete Mathematics (MA) requirement. | | | |

Maintain 2.33 GPA in Critical Tracking Courses.

Term hours subtotal: 14

| Term 4 44 - 61 Credit Hours Critical course signified by ⚠ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ⚠ ITA 202: Intermediate Italian II (G) | 4 | C | <ul style="list-style-type: none"> • Meet with a School of International Letters and Cultures academic advisor or Italian faculty member to learn about internship opportunities in Italian and to discuss the best study abroad options for your major. • Many upper-division elective courses have prerequisites which may be taken as electives in earlier semesters. |
| ⚠ SLC 202: Introduction to Literary and Cultural Theory | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Elective | 3 | | |
| Maintain 2.33 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 17 | | |

| Term 5 61 - 74 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ ITA 311: Speak Italy: Language, People, Culture (G) | 3 | C | <ul style="list-style-type: none"> • Learn about national scholarships, fellowships and research opportunities. • Many upper-division elective courses have prerequisites which may be taken as electives in earlier semesters. |
| ITA 315: Italian Culture: The Good, The Bad and The Ugly (HU & G) | | | |
| ★ OR ITA 321: Italian Renaissance Culture: Politicians, Merchants, Artists and Courtesans (H) OR ITA 322: Modern Italian Culture: Explorers, Scientists, Musicians and Revolutionaries (HU) | 3 | C | |
| ★ ITA Upper Division Elective (ITA 319 OR ITA 350 recommended) | 3 | C | |
| Elective | 4 | | |
| Term hours subtotal: | 13 | | |

| Term 6 74 - 89 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ ITA 312: Write Italy: Language, People, Culture (L & G) | 3 | C | <ul style="list-style-type: none"> • Learn about scholarships and awards for language and culture majors. • Many upper-division elective courses have prerequisites which may be taken as electives in earlier semesters. • Attend an ASU Career Services workshop. • Use Handshake to research employment opportunities. |
| ITA 315: Italian Culture: The Good, The Bad and The Ugly (HU & G) | | | |
| ★ OR ITA 321: Italian Renaissance Culture: Politicians, Merchants, Artists and Courtesans (H) OR ITA 322: Modern Italian Culture: Explorers, Scientists, Musicians and Revolutionaries (HU) | 3 | C | |
| ★ ITA 4** Elective (ITA 420 OR ITA 423 OR ITA 484 OR ITA 499 OR ITA 414 recommended) | 3 | C | |
| Upper Division Related Area Course | 3 | C | |
| Upper Division Elective OR ITA 484: Internship | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 89 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ FRE 101: Elementary French I (G) | 4 | | <ul style="list-style-type: none"> • Meet with a School of International Letters and Cultures academic advisor to learn about internship and career opportunities in Italian. |
| ★ ITA 413: Advanced Italian (G) | 3 | C | |
| ITA 4** Elective (ITA 420 OR ITA 423 OR ITA 484 OR ITA 499 OR ITA 414 recommended) | 3 | C | |
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | |
|---|----|---|
| ITA 315: Italian Culture: The Good, The Bad and The Ugly (HU & G) | | |
| ★ OR ITA 321: Italian Renaissance Culture: Politicians, Merchants, Artists and Courtesans (H) OR ITA 322: Modern Italian Culture: Explorers, Scientists, Musicians and Revolutionaries (HU) | 3 | C |
| ★ ITA 4** Elective (ITA 420 OR ITA 423 OR ITA 484 OR ITA 499 OR ITA 414 recommended) | 3 | C |
| ★ 4** SLC Required Culture Course | 3 | C |
| Upper Division Elective OR ITA 484: Internship | 3 | |
| Elective | 3 | |
| Term hours subtotal: | 15 | |

- Meet with a School of International Letters and Cultures academic advisor to learn about internship and career opportunities in Italian.
- Attend an ASU Career Services workshop or job fair.

- SLC Language and/or translation courses may not be used to satisfy the SLC 400-Level Required Course Option. Italian majors may take only six hours of ITA courses taught in English.

Hide Course List(s)/Track Group(s)

| Related Area Course | SLC 400-Level Required Culture Course Option |
|--|--|
| ARS 310: The Renaissance in Tuscany | SLC 414: French and Italian Popular Culture ((L or HU) & G) |
| ARS 414: Monasteries Madonnas and Manuscripts (HU & H) | SLC 415: Korean Popular Culture (HU & G) |
| ARS 424: Italian Baroque Art (HU & H) | SLC 421: Ghosts Monsters and Supernatural in Jpn Lit&Film ((L or HU) & G) |
| ARS 438: Art of the 20th Century I (HU & H) | SLC 421: Japanese Aesthetics ((L or HU) & G) |
| ARS 439: Art of the 20th Century II (HU & H) | SLC 421: Japanese Film and Animation 1945-present ((L or HU) & G) |
| COM 371: Language Culture and Communication (SB & C & G) | SLC 421: Japanese Literature in Translation ((L or HU) & G) |
| FMP 404: World Cinema (G) | SLC 421: Samurai and Geisha ((L or HU) & G) |
| GCU 325: Geography of Europe (SB & G) | SLC 421: Travel and Exploration in Early Modern Japan ((L or HU) & G) |
| GCU 359: Cities of the World I (SB & G & H) | SLC 423: Italian Organized Crime in Films and History ((L or HU) & G) |
| HST 349: Early Middle Ages ((HU or SB) & H) | SLC 425: What is Globalization? A History of Contact and Conflict (HU & G) |
| HST 350: Later Middle Ages ((HU or SB) & H) | SLC 429: Studies in European Literature and Culture ((L or HU) & G & H) |
| HST 351: Renaissance Europe ((L or HU or SB) & H) | SLC 439: Art in Exile: VladĀ-mir VladĀ-mirovich Nabokov (L or HU) |
| HST 352: Europe's Reformations ((L or HU or SB) & H) | SLC 441: Fairy Tales (HU & G) |
| HST 356: Europe since 1945 (SB & G & H) | SLC 442: Dracula and Vampire Lore (HU) |
| HST 360: The Crusades: Religion & Conflict in the Middle Ages (SB & H) | |
| HST 361: Witchcraft and Heresy in Europe ((L or HU) & H) | |

| | |
|--|--|
| HST 362: Sex and Society in Classical and Medieval Europe (SB & H) | SLC 444: Heroes Ancient and Modern (L or HU) |
| HST 363: Sex and Society in Early Modern Europe ((HU or SB) & H) | SLC 445: The Holocaust in German-Mediated Memory |
| HST 364: Sex and Society in Modern Europe ((L or SB) & H) | SLC 446: Weimar-Era German Film |
| HST 365: World Wars I and II: Europe's Eastern Front | SLC 447: German Modernism |
| HST 368: Culture and Imagination in European History (HU & H) | SLC 450: Experimental Narrative |
| HST 465: Women in Europe 1750 to Present ((HU or SB) & H) | SLC 451: Chinese Cultural History I ((HU or SB) & H) |
| POS 356: European Union (SB & G) | SLC 452: Chinese Cultural History II (SB & G & H) |
| POS 360: World Politics (SB & G) | SLC 455: Berlin: Migration Arts and Activism (G) |
| POS 486: International Political Economy (SB & G) | SLC 457: Premodern Korea in a Global Context |
| REL 372: Formation of the Christian Tradition (HU & H) | SLC 459: Latin American Jewish Culture |
| REL 385: Contemporary Western Religious Thought (HU) | SLC 465: Intercultural Communicative Competence |
| REL 470: Religion in the Middle Ages (HU & H) | SLC 475: Latin American Film ((L or HU) & G) |
| REL 471: Reformation and Modern Christianity (HU & H) | SLC 494: Special Topics |
| SGS 360: Cultural Aspects of Globalization | |
| SLC 340: Approaches to International Cinema (HU & G) | |
| SLC 373: Roman History I: Foundations and Republic | |
| SLC 374: Roman History II: The Roman Empire | |
| SLC 425: What is Globalization? A History of Contact and Conflict (HU & G) | |
| SLC 429: Politics & Culture in European Short Fiction ((L or HU) & G & H) | |
| SLC 429: Staging Politics in Modern Europe ((L or HU) & G & H) | |
| SLC 429: Studies in European Literature and Culture ((L or HU) & G & H) | |
| SLC 429: What is Europe? ((L or HU) & G & H) | |
| SLC 439: Art in Exile: VladĀ-mir VladĀ-mirovich Nabokov (L or HU) | |

SLC 455: Berlin: Migration Arts and Activism
(G)

SLC 446: Weimar-Era German Film

SLC 447: German Modernism

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map




Jewish Studies, BA

School/College: The College of Liberal Arts and Sciences

Location: Tempe campus

LAJSTBA

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • ASU Language Placement and Testing: Only true beginners are eligible for 101-level second language courses. All other students are required to take a placement exam, regardless of prior credit earned, to verify the course level is appropriate. Students already proficient in a second language may take a proficiency exam. • Students completing Biblical Hebrew will need 4 extra elective hours to reach the 120 required for graduation. • Select your Career Interest Communities and play me3@ASU. |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of Modern Hebrew, Biblical Hebrew, Arabic, German, or Spanish at the intermediate level (202 or equivalent). | 4 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Elective | 2 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • Many General Studies requirements can overlap with major courses, leaving more room for electives. Consult an academic advisor to select the best courses for your personal plan of study. • Choosing a Social-Behavioral Sciences (SB) course that also satisfies the Cultural Diversity (C) requirement is recommended. • Join a student club or professional organization. • If interested in law school, review the Pre-Law at ASU website. |
| Second Language: Requirement satisfied through the following: * Completion of Modern Hebrew, Biblical Hebrew, Arabic, German, or Spanish at the intermediate level (202 or equivalent). | 4 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 14 | | |

| Term 3 30 - 46 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  JST 210: Introduction to Judaism (HU & H) or REL 210: Introduction to Judaism (HU & H) OR HST 230: Introduction to Jewish Civilization (HU & H & G) or JST 230: Introduction to Jewish Civilization (HU & H & G) or REL 230: Introduction to Jewish Civilization (HU & H & G) | 3 | C | <ul style="list-style-type: none"> • Explore opportunities to study abroad |
| Related Area Course | 3 | C | |

Second Language: Requirement satisfied through the following: 4 C
 * Completion of Modern Hebrew, Biblical Hebrew, Arabic, German, or Spanish at the intermediate level (202 or equivalent).

Computer/Statistics/Quantitative Applications (CS) 3

Elective 3

❗ Complete Mathematics (MA) requirement.

Complete First-Year Composition requirement.

Maintain 2.50 GPA in Major Courses.

Term hours subtotal: 16

| Term 4 46 - 60 Credit Hours Critical course signified by ❗ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

❗ Primary Concentration Course 3 C

Course Outside Primary Concentration 3 C

Second Language: Requirement satisfied through the following:
 * Completion of Modern Hebrew, Biblical Hebrew, Arabic, German, or Spanish at the intermediate level (202 or equivalent). 4 C

Natural Science - General (SG) OR Natural Science - Quantitative (SQ) 4

Maintain 2.50 GPA in Major Courses.

Term hours subtotal: 14

- Students must choose one of the three concentrations as the primary concentration and take 15 hours of coursework from that concentration. For the nine hours outside of primary concentration, students may select from courses in the other two concentration areas.
- Visit **Career and Professional Development Services** and meet with a career advisor for assistance with career planning and networking.
- If interested in law school, **make an appointment** with the pre-law advisor.

| Term 5 60 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

★ Upper Division Primary Concentration Course 3 C

Upper Division Related Area Course 3 C

Primary Concentration Course 3 C

Literacy and Critical Inquiry (L) 3

Social-Behavioral Sciences (SB) AND Global Awareness (G) 3

Maintain 2.50 GPA in Major Courses.

Term hours subtotal: 15

- Choosing a Social-Behavioral Sciences (SB) course that also fulfills Global Awareness (G) is recommended if G requirement has not already been satisfied.
- Consider participating in an **Undergraduate Research Experience** through the School of Historical, Philosophical and Religious Studies or a research opportunity in the **Humanities Lab**.

| Term 6 75 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

★ Upper Division Primary Concentration Course 3 C

Upper Division Course Outside Primary Concentration 3 C

Related Area Course 3 C

Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) 3

Elective OR JST 484: Internship 3

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Maintain 2.50 GPA in Major Courses.

Term hours subtotal: 15

- Explore **graduate school** opportunities.
- If planning on law school, prepare to take the **LSAT**.
- Participate in an **internship** to gain valuable career experience and contacts. For help exploring internship **opportunities related to your major**, meet with an academic advisor.

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | |
|---|----|---|
| ★ Upper Division Primary Concentration Course | 3 | C |
| Upper Division Course Outside Primary Concentration | 3 | C |
| Upper Division Related Area Course | 3 | C |
| Upper Division Literacy and Critical Inquiry (L) | 3 | |
| Upper Division Elective | 3 | |
| Maintain 2.50 GPA in Major Courses. | | |
| Term hours subtotal: | 15 | |

- Use Handshake to research employment opportunities.
- Attend career fairs, workshops and related events offered by Career and Professional Development Services.

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ JST 490: History and Memory in Jewish Tradition (L) OR JST 491: History of Antisemitism OR JST 495: Judaism, Science and World Religions OR JST 496: Biblical Narratives: Literary Approaches | 3 | C | <ul style="list-style-type: none"> • Students complete JST 490, JST 491, JST 495, or JST 496 as a capstone course for the Jewish Studies major. • Take advantage of mock interview opportunities and assistance with writing resumes and cover letters. • Apply for career opportunities. |
| Upper Division Related Area Course | 3 | C | |
| Complete 3 courses: | 9 | | |
| Upper Division Elective | | | |
| ★ Maintain 2.50 GPA in Major Courses. | | | |
| Term hours subtotal: | 15 | | |

- Students must choose one of the three concentrations as the primary concentration and take 15 hours of coursework from that concentration. For the nine hours outside of primary concentration, students may select from courses in the other two concentration areas.

Hide Course List(s)/Track Group(s)

| History and Society Concentration | Literature and Culture Concentration | Religion and Thought Concentration |
|---|---|--|
| CRJ 456: Etiology of Martyrdom | ENG 356: The Bible as Literature (HU) | HEB 375: Contemporary Culture of Israel (HU & G) |
| HEB 375: Contemporary Culture of Israel (HU & G) | HEB 349: Israeli Wars in Israeli Movies (HU & G) or FMS 349: Israeli Wars in Israeli Movies (HU & G) | HST 314: American Cultural History Since 1865 ((HU or SB) & H) |
| HST 302: Jews Christians & Muslims in Early Modern World ((HU or SB) & G & H) | HEB 375: Contemporary Culture of Israel (HU & G) | JST 210: Introduction to Judaism (HU & H) or REL 210: Introduction to Judaism (HU & H) |
| HST 302: Jews Christians & Muslims in the Medieval World ((HU or SB) & G & H) | JST 210: Introduction to Judaism (HU & H) or REL 210: Introduction to Judaism (HU & H) | JST 211: Jews and Judaism in America (SB & H) or HST 211: Jews and Judaism in America (SB & H) or REL 211: Jews and Judaism in America (SB & H) |
| HST 304: Exiles Migrants Refugees in Jewish History (SB & H) | JST 211: Jews and Judaism in America (SB & H) or HST 211: Jews and Judaism in America (SB & H) or REL 211: Jews and Judaism in America (SB & H) | JST 314: Jewish Philosophy or HST 390: Jewish Philosophy or PHI 390: Jewish Philosophy or REL 314: Jewish Philosophy |
| HST 304: History of Antisemitism (SB & H) | JST 230: Introduction to Jewish Civilization (HU & H & G) or HST 230: Introduction to Jewish Civilization (HU & H & G) or REL 230: Introduction to Jewish Civilization (HU & H & G) | JST 315: Hebrew Bible (Old Testament) ((L or HU) & H) or REL 315: Hebrew Bible (Old Testament) ((L or HU) & H) |
| HST 304: Jews and Christians in the Middle Ages (SB & H) | | JST 316: Literary Readings of the Hebrew Bible (L or HU) or ENG 316: Literary Readings of the Hebrew Bible (L or HU) or HEB 316: Literary Readings of the Hebrew Bible (L or HU) or REL 316: Literary Readings of the Hebrew Bible (L or HU) |
| HST 304: Nazi Germany (SB & H) | | |
| HST 304: Rebirth of European Jewish Life after 1950 (SB & H) | | |
| HST 358: Jewish History from Antiquity to 1492 (SB & H) | JST 314: Jewish Philosophy or HST 390: Jewish Philosophy or PHI 390: Jewish Philosophy or REL 314: Jewish Philosophy | |
| HST 359: Jewish History from 1492 to 1948 (SB & G & H) | | |

| | | |
|--|--|--|
| HST 372: Modern Middle East (SB & G & H) | JST 316: Literary Readings of the Hebrew Bible (L or HU) or ENG 316: Literary Readings of the Hebrew Bible (L or HU) or HEB 316: Literary Readings of the Hebrew Bible (L or HU) or REL 316: Literary Readings of the Hebrew Bible (L or HU) | JST 318: Contemporary American Jewish Identities ((HU or SB) & C) or REL 318: Contemporary American Jewish Identities ((HU or SB) & C) |
| JST 210: Introduction to Judaism (HU & H) or REL 210: Introduction to Judaism (HU & H) | JST 318: Contemporary American Jewish Identities ((HU or SB) & C) or REL 318: Contemporary American Jewish Identities ((HU or SB) & C) | JST 349: Nature Sustainability and Religion or HPS 349: Nature Sustainability and Religion or REL 349: Nature Sustainability and Religion or SOS 349: Nature Sustainability and Religion |
| JST 211: Jews and Judaism in America (SB & H) or HST 211: Jews and Judaism in America (SB & H) or REL 211: Jews and Judaism in America (SB & H) | JST 347: Modern Israeli Literature in Translation (HU & G) or ENG 347: Modern Israeli Literature in Translation (HU & G) or HEB 347: Modern Israeli Literature in Translation (HU & G) or SLC 347: Modern Israeli Literature in Translation (HU & G) | JST 411: Judaism and the Beginnings of Christianity (HU & H) or HEB 411: Judaism and the Beginnings of Christianity (HU & H) or REL 411: Judaism and the Beginnings of Christianity (HU & H) |
| JST 230: Introduction to Jewish Civilization (HU & H & G) or HST 230: Introduction to Jewish Civilization (HU & H & G) or REL 230: Introduction to Jewish Civilization (HU & H & G) | JST 445: The Holocaust in German-Mediated Memory or FMS 445: The Holocaust in German-Mediated Memory or GER 445: The Holocaust in German-Mediated Memory or SLC 445: The Holocaust in German-Mediated Memory | JST 495: Judaism Science and World Religions |
| JST 302: Studies in History ((HU or SB) & G & H) | JST 459: Latin American Jewish Culture or SLC 459: Latin American Jewish Culture or SPA 459: Latin American Jewish Culture | REL 207: Ritual Symbol and Myth (L or HU) |
| JST 304: Studies in European History (SB & H) | JST 496: Biblical Narratives: Literary Approaches | REL 310: Western Religious Traditions (HU & H) |
| JST 318: Contemporary American Jewish Identities ((HU or SB) & C) or REL 318: Contemporary American Jewish Identities ((HU or SB) & C) | REL 313: Anti-Semitism in the Media | REL 385: Contemporary Western Religious Thought (HU) |
| JST 348: Israeli Society and Culture (HU & G) or HEB 348: Israeli Society and Culture (HU & G) or REL 311: Israeli Society and Culture (HU & G) or SLC 348: Israeli Society and Culture (HU & G) | | |
| JST 369: History and Memory of the Holocaust or HST 369: History and Memory of the Holocaust or REL 312: History and Memory of the Holocaust | | |
| JST 490: History and Memory in Jewish Tradition (L) | | |
| JST 491: History of Antisemitism | | |
| REL 410: Judaism in Modern Times (HU & H) | | |
| STS 364: Science Technology and National Security (SB) | | |
| Related Area | | |
| ASB OR HST OR POS OR REL OR SGS OR SOC OR WST Elective | | |
| AFR 200: Introduction to Africana Studies (SB & G & H) | | |
| AFR 301: Race and Racism in Africa/African Diaspora (SB & G) | | |
| AFR 318: African and African Diaspora Women Writers (HU & G) | | |
| AFR 370: Family Ethnic and Cultural Diversity (SB & C) | | |

AFR 375: Race Gender and Sport (SB & C)

ARB 331: Arabic/Islamic Culture and Literature (HU & H & G)

ARB 335: Arabic Culture and Islam (G)

ARB 336: Introduction to the Qur'an (G)

ARB 337: Hadith and Prophetic Tradition

ARB 341: Quran Text and Women (HU & H)

ARB 351: Classical Arabic Literature

ARB 352: Modern Arabic Literature in Translation (HU & G)

CRJ 100: Introduction to Criminal Justice (SB)

ENG 315: Medieval Literature in Translation (HU)

ENG 333: American Ethnic Literature ((L or HU) & C)

ENG 356: The Bible as Literature (HU)

ENG 364: Women and Literature (HU)

GCU 328: Geography of Middle East and North Africa (SB & G)

GER 315: Germanic Mythology (HU & G)

GER 416: German Civilization (HU & H & G)

GER 421: German Literature Survey 800-1800 (HU)

GER 422: German Literature Survey 1800-Today (L or HU)

GER 431: German Humor

GER 441: Fairy Tales (HU & G)

IAS 430: Science and Religion (L or HU)

JUS 320: Community and Social Justice (SB & C)

JUS 352: The Global Politics of Human Rights (SB & G)

JUS 360: Law and Social Control (SB)

JUS 374: The Holocaust Genocide and Human Rights

JUS 425: Race Gender and Justice ((L or SB) & C)

JUS 430: Social Protest Conflict and Change ((L or SB) & C)

JUS 438: Human Differences: Dilemmas of Justice ((L or HU) & C)

JUS 467: Terrorism War and Justice (SB)

PHI 336: Social and Political Philosophy (HU)

PSY 350: Social Psychology (SB)

SLC 142: Ancient Greek Civilization (HU & H) or GRK 142: Ancient Greek Civilization (HU & H)

SLC 223: Introduction to Greek and Roman Mythology (HU) or GRK 223: Introduction to Greek and Roman Mythology (HU) or LAT 223: Introduction to Greek and Roman Mythology (HU)

SLC 361: Roman Religion (HU) or LAT 361: Roman Religion (HU)

SLC 362: Ancient Greek Religion or GRK 362: Ancient Greek Religion

SLC 444: Heroes Ancient and Modern (L or HU) or GRK 444: Heroes Ancient and Modern (L or HU) or LAT 444: Heroes Ancient and Modern (L or HU)

SLC 455: Berlin: Migration Arts and Activism (G) or GER 455: Berlin: Migration Arts and Activism (G)

SPA 325: Introduction to Hispanic Literature (HU)

SPA 425: Foundational Texts of Spain (L or HU)

SPA 426: Literature and Society in Modern Spain (HU)

SPA 427: Colonial and Postcolonial Latin American Literature (L or HU)

SPA 428: Foundational Texts of Latin American Literature Since Modernismo ((L or HU) & G)

SPA 429: Writing Mexico: Major Texts ((L or HU) & G)

SPA 434: Drama of the Golden Age

SPA 456: 20th-Century Spanish American Fiction

SPA 464: JaitÃ³n Works in Chicano/a Literature ((HU or SB) & C)

SPA 471: Civilization of the Indohispanomexicano Southwest ((L or HU) & C)

SPA 472: Latin American Society: Five Case Studies (HU & H & G)

SPA 473: Old and New Spaniards: Culture and Civilization of Spain ((HU or SB) & G)

SPA 485: Chicano/a Short Story: Espanglish Barrio y Xicanisma (L & C)

SPA 486: Chicano/a Novel: Última Rafa y Lala

SPA 487: Chicano/a Drama: Pachucos Vendidos y Cerezitas (C)

THP 482: Theatre for Social Change (C)

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.
- At least 12 upper-division hours in the major must be in courses offered by The College of Liberal Arts and Sciences.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.50 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map



Justice Studies, BA


School/College: The College of Liberal Arts and Sciences

Location: Tempe campus

LAJUSBA

| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  JUS 105: Introduction to Justice Studies (SB) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement into a mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior hours earned. • Select your Career Interest Communities and play me3@ASU. |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • Create a first draft resume |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| JUS Elective | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Elective | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 47 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ENG 215: Strategies of Academic Writing (L) OR ENG 216: Persuasive Writing on Public Issues (L) OR ENG 217: Writing Reflective Essays (L) OR ENG 218: Writing About Literature (L or HU) OR ENG 301: Writing for the Professions (L) | 3 | C | |
| JUS 210: Introduction to Ethnic Studies in the U.S. (C) OR JUS 214: The Pursuit of Justice in the 21st Century (SB) OR JUS 235: Disability, Justice and Advocacy (C) | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |

| | |
|--|----|
| Computer/Statistics/Quantitative Applications (CS) | 3 |
| Natural Science - Quantitative (SQ) | 4 |
| ❗ Complete First-Year Composition requirement. | |
| ❗ Complete Mathematics (MA) requirement. | |
| Minimum 2.00 GPA ASU Cumulative. | |
| Term hours subtotal: | 17 |

| Term 4 47 - 63 Credit Hours Critical course signified by ❗ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ❗ JUS 303: Justice Theory (L) | 3 | C | <ul style="list-style-type: none"> Explore an internship -- Contact the SST Advising office at 480-965-7682 to schedule an appointment with our internship coordinator |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Elective | 3 | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 5 63 - 79 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ JUS 301: Research in Justice Studies (SB) | 3 | C | |
| Upper Division Related Area Course | 3 | C | |
| JUS 3** Elective | 3 | C | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Elective OR JUS 484: Internship | 3 | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 6 79 - 94 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ JUS 3** Elective | 3 | C | <ul style="list-style-type: none"> Gather professional references Use Handshake to research employment opportunities |
| ★ JUS 4** Elective | 3 | C | |
| Upper Division Related Area Course | 3 | C | |
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 94 - 106 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ JUS 4** Elective | 3 | C | <ul style="list-style-type: none"> Apply for full-time career opportunities |
| Upper Division Related Area Course | 3 | C | |
| Upper Division Elective | 3 | | |
| Elective | 3 | | |

Minimum 2.00 GPA ASU Cumulative.

Term hours subtotal: 12

| Term 8 106 - 120 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  Complete 2 courses: JUS 4** Elective | 6 | C | |
| Complete 2 courses: Upper Division Elective | 6 | | |
| Elective | 2 | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 14 | | |

- All Justice Studies students must complete 12 upper-division (300-499) credit hours in a related area other than JUS courses. Courses may be chosen from a variety of disciplines, as shown below, as well as upper-division courses from non-English language disciplines. No more than two courses can be used from a single discipline and at least one course must be chosen from one of the disciplines in the School of Social Transformation (AFR, APA, SST or WST). The related area courses may not be used concurrently in the major. However, in order to facilitate and encourage the student's completion of a minor, approved courses for the related area may be used in the minor.

Hide Course List(s)/Track Group(s)

Related Area Courses

AFR Upper Division Elective

AIS Upper Division Elective

APA Upper Division Elective

ARS Upper Division Elective

ASB Upper Division Elective

ASM Upper Division Elective

CDE Upper Division Elective

COM Upper Division Elective

CRJ Upper Division Elective

ECN Upper Division Elective

ENG Upper Division Elective

FAS Upper Division Elective

FMS Upper Division Elective

GCU Upper Division Elective

GPH Upper Division Elective

HST Upper Division Elective

IED Upper Division Elective

MHL Upper Division Elective

PHI Upper Division Elective

POS Upper Division Elective

PSY Upper Division Elective

REL Upper Division Elective

SGS Upper Division Elective

SOC Upper Division Elective

SST Upper Division Elective

TCL Upper Division Elective

THE Upper Division Elective

WST Upper Division Elective

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.








2020 - 2021 Major Map

Justice Studies, BS

School/College: The College of Liberal Arts and Sciences

Location: Tempe campus

LAJUSBS

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  JUS 105: Introduction to Justice Studies (SB) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement into a mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Select your Career Interest Communities and play me3@ASU. |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Elective | 3 | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |
| Term 2 16 - 31 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • Create a first draft resume |
| JUS Elective | 3 | C | |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | | |
| Complete 2 courses: Elective | 6 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |
| Term 3 31 - 47 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
| ENG 215: Strategies of Academic Writing (L) OR ENG 216: Persuasive Writing on Public Issues (L) OR ENG 217: Writing Reflective Essays (L) OR ENG 218: Writing About Literature (L or HU) OR ENG 301: Writing for the Professions (L) | 3 | C | |
| JUS 210: Introduction to Ethnic Studies in the U.S. (C) OR JUS 214: The Pursuit of Justice in the 21st Century (SB) OR JUS 235: Disability, Justice and Advocacy (C) | 3 | C | |
| Science and Society Elective | 3 | C | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
|  Complete First-Year Composition requirement. | | | |
|  Complete Mathematics (MA) requirement. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |

Term hours subtotal: 16

| Term 4 47 - 63 Credit Hours Critical course signified by 🚩 | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| 🚩 JUS 303: Justice Theory (L) | 3 | C | <ul style="list-style-type: none"> Explore an internship -- call the SST Advising office at 480-965-7682 to schedule an appointment with our internship coordinator! |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Complete 3 courses: | | | |
| Elective | 9 | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by ⭐ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ⭐ JUS 301: Research in Justice Studies (SB) | 3 | C | <ul style="list-style-type: none"> A minimum of 24 completed credit hours is required to enroll in JUS 300-level elective courses. |
| ⭐ Upper Division Related Area Course | 3 | C | |
| JUS 302: Statistical Analysis for Justice Studies (CS) | 3 | C | |
| Upper Division Elective | 3 | | |
| Elective OR JUS 484: Internship | 3 | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by ⭐ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ⭐ Upper Division Related Area Course | 3 | C | <ul style="list-style-type: none"> A minimum of 24 completed credit hours is required to enroll in JUS 300-level elective courses. Gather professional references Use Handshake to research employment opportunities |
| Upper Division Science and Society Elective | 3 | C | |
| Complete 2 courses: | | | |
| JUS 3** Elective | 6 | C | |
| Elective | 3 | | |
| ⭐ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by ⭐ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ⭐ JUS 4** Elective | 3 | C | <ul style="list-style-type: none"> 2.00 ASU cumulative GPA required to enroll in JUS 400-level elective courses Apply for full-time career opportunities |
| Upper Division Related Area Course | 3 | C | |
| Complete 2 courses: | | | |
| Upper Division Elective | 6 | | |
| Elective | 3 | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ⭐ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ⭐ Complete 2 courses: | | | |
| JUS 4** Elective | 6 | C | |
| Complete 2 courses: | | | |
| Elective | 6 | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |

Term hours subtotal: 12

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.
- All Justice Studies students must complete nine upper-division (300-499) credit hours in a related area other than JUS courses. Courses may be chosen from a variety of disciplines, as shown below, as well as upper-division courses from non-English language disciplines. No more than two courses can be used from a single discipline and at least one course must be chosen from one of the disciplines in the School of Social Transformation (AFR, APA, SST or WST). The related area courses may not be used concurrently in the major. However, in order to facilitate and encourage the student's completion of a minor, approved courses for the related area may be used in the minor.

Hide Course List(s)/Track Group(s)

| Related Area Courses |
|-----------------------------|
| AFR Upper Division Elective |
| AIS Upper Division Elective |
| APA Upper Division Elective |
| ARS Upper Division Elective |
| ASB Upper Division Elective |
| ASM Upper Division Elective |
| CDE Upper Division Elective |
| COM Upper Division Elective |
| CRJ Upper Division Elective |
| ECN Upper Division Elective |
| ENG Upper Division Elective |
| FAS Upper Division Elective |
| FMS Upper Division Elective |
| GCU Upper Division Elective |
| GPH Upper Division Elective |
| HST Upper Division Elective |
| IED Upper Division Elective |
| MHL Upper Division Elective |
| PHI Upper Division Elective |
| POS Upper Division Elective |
| PSY Upper Division Elective |
| REL Upper Division Elective |

SGS Upper Division Elective

SOC Upper Division Elective

SST Upper Division Elective

TCL Upper Division Elective

THE Upper Division Elective

WST Upper Division Elective

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.






2020 - 2021 Major Map

Justice Studies, BS

School/College: [The College of Liberal Arts and Sciences](#)

Location: [Online](#)

LAJUSBS

| Term 1 - A 0 - 7 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  JUS 105: Introduction to Justice Studies (SB) | 3 | C | <ul style="list-style-type: none"> An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses Mathematics Placement Assessment score determines placement in mathematics course ASU 101 or college-specific equivalent First-Year Seminar is required for all first-year students |
| ASU 101-UC: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| Term hours subtotal: | 7 | | |
| Term 1 - B 7 - 13 Credit Hours | Hours | Minimum Grade | Notes |
| MAT 142: College Mathematics (MA) | 3 | C | <ul style="list-style-type: none"> Select your Career Interest Communities and play me3@ASU. View ASU Online first-year student registration information here. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |
| Term 2 - A 13 - 20 Credit Hours | Hours | Minimum Grade | Notes |
| ENG 101 or ENG 102: First-Year Composition OR | 3 | C | |
| ENG 105: Advanced First-Year Composition OR | | | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 7 | | |
| Term 2 - B 20 - 26 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
| JUS Elective | 3 | C | <ul style="list-style-type: none"> Create a first draft resume. |
| Elective | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 6 | | |
| Term 3 - A 26 - 33 Credit Hours | Hours | Minimum Grade | Notes |
| Science and Society Elective | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Term hours subtotal: | 7 | | |
| Term 3 - B 33 - 42 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
| JUS 210: Introduction to Ethnic Studies in the U.S. (C) OR JUS 214: The Pursuit of Justice in the 21st Century (SB) OR JUS 235: Disability, Justice and Advocacy (C) | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |

| | |
|--|---|
| Elective | 3 |
| | |
| 📌 Complete First-Year Composition requirement. | |
| | |
| 📌 Complete Mathematics (MA) requirement. | |
| | |
| Term hours subtotal: | 9 |

| Term 4 - A 42 - 48 Credit Hours Critical course signified by 📌 | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|---|---|---|
| ENG 215: Strategies of Academic Writing (L) OR ENG 216: Persuasive Writing on Public Issues (L) OR ENG 217: Writing Reflective Essays (L) OR ENG 301: Writing for the Professions (L) | 3 | C |
| | | |
| Elective | 3 | |
| | | |
| Term hours subtotal: | 6 | |

| Term 4 - B 48 - 54 Credit Hours | Hours | Minimum Grade | Notes |
|---------------------------------|-------|---------------|-------|
|---------------------------------|-------|---------------|-------|

| | | |
|--|---|--|
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | |
| | | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | |
| | | |
| Minimum 2.00 GPA ASU Cumulative. | | |
| | | |
| Term hours subtotal: | 6 | |

- Explore an **internship**.

| Term 5 - A 54 - 60 Credit Hours Necessary course signified by ⭐ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | |
|-------------------------------|---|--|
| ⭐ JUS 303: Justice Theory (L) | 3 | |
| | | |
| Elective | 3 | |
| | | |
| Term hours subtotal: | 6 | |

| Term 5 - B 60 - 66 Credit Hours Necessary course signified by ⭐ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | |
|---|---|--|
| ⭐ JUS 301: Research in Justice Studies (SB) | 3 | |
| | | |
| Elective | 3 | |
| | | |
| Minimum 2.00 GPA ASU Cumulative. | | |
| | | |
| Term hours subtotal: | 6 | |

| Term 6 - A 66 - 72 Credit Hours Necessary course signified by ⭐ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | |
|--|---|---|
| ⭐ JUS 302: Statistical Analysis for Justice Studies (CS) | 3 | |
| | | |
| ⭐ JUS 3** Elective | 3 | C |
| | | |
| ⭐ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |
| | | |
| Term hours subtotal: | 6 | |

- For JUS 3** Elective, students cannot use JUS 301, 302, 303, or 305.

| Term 6 - B 72 - 78 Credit Hours Necessary course signified by ⭐ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | |
|---|---|---|
| ⭐ Upper Division Related Area Course | 3 | C |
| | | |
| Upper Division Science and Society Elective | 3 | C |
| | | |
| Minimum 2.00 GPA ASU Cumulative. | | |
| | | |
| Term hours subtotal: | 6 | |

- Gather **professional references**.
- Use Handshake to research **employment opportunities**.

| Term 7 - A 78 - 84 Credit Hours Necessary course signified by ⭐ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | |
|--------------------|---|---|
| ⭐ JUS 3** Elective | 3 | C |
|--------------------|---|---|

| | | | | |
|----------------------|---|---|--|--|
| Elective | 3 | | | • For JUS 3** Elective, students cannot use JUS 301, 302, 303, or 305. |
| Term hours subtotal: | | 6 | | |

| Term 7 - B 84 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|--------------|----------------------|--|
| ★ JUS 4** Elective | 3 | C | • For JUS 4** Elective, students cannot use JUS 484, 492, 498, or 499. |
| Upper Division Related Area Course | 3 | C | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | | 6 | |

| Term 8 - A 90 - 96 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|--------------|----------------------|--|
| ★ JUS 4** Elective | 3 | C | • For JUS 4** Elective, students cannot use JUS 484, 492, 498, or 499. |
| Elective | 3 | | |
| Term hours subtotal: | | 6 | |

| Term 8 - B 96 - 102 Credit Hours | Hours | Minimum Grade | Notes |
|---|--------------|----------------------|---|
| Upper Division Related Area Course | 3 | C | • Apply for full-time career opportunities. |
| Upper Division Elective | 3 | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | | 6 | |

| Term 9 - A 102 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|--------------|----------------------|--|
| ★ JUS 4** Elective | 3 | C | • For JUS 4** Elective, students cannot use JUS 484, 492, 498, or 499. |
| Elective | 3 | | |
| Term hours subtotal: | | 6 | |

| Term 9 - B 108 - 114 Credit Hours | Hours | Minimum Grade | Notes |
|--|--------------|----------------------|--------------|
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | | 6 | |

| Term 10 - A 114 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|--------------|----------------------|--------------|
| ★ Upper Division Elective | 3 | | |
| Elective | 3 | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | | 6 | |

- All Justice Studies students must complete nine upper-division (300-499) credit hours in a related area other than JUS courses. Courses may be chosen from a variety of disciplines, as shown below, as well as upper-division courses from non-English language disciplines. No more than two courses can be used from a single discipline and at least one course must be chosen from one of the disciplines in the School of Social Transformation (AFR, APA, SST or WST). The related area courses may not be used

concurrently in the major. However, in order to facilitate and encourage the student's completion of a minor, approved courses for the related area may be used in the minor.

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

| Related Area Courses |
|-----------------------------|
| AFR Upper Division Elective |
| AIS Upper Division Elective |
| APA Upper Division Elective |
| ARS Upper Division Elective |
| ASB Upper Division Elective |
| ASM Upper Division Elective |
| CDE Upper Division Elective |
| COM Upper Division Elective |
| CRJ Upper Division Elective |
| ECN Upper Division Elective |
| ENG Upper Division Elective |
| FAS Upper Division Elective |
| FMS Upper Division Elective |
| GCU Upper Division Elective |
| GPH Upper Division Elective |
| HST Upper Division Elective |
| IED Upper Division Elective |
| MHL Upper Division Elective |
| PHI Upper Division Elective |
| POS Upper Division Elective |
| PSY Upper Division Elective |
| REL Upper Division Elective |
| SGS Upper Division Elective |
| SOC Upper Division Elective |
| TCL Upper Division Elective |
| THE Upper Division Elective |
| WST Upper Division Elective |

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map




Mathematics, BA




School/College: The College of Liberal Arts and Sciences

Location: Tempe campus

LAMATBA

| Term 1 0 - 15 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  CSE 110: Principles of Programming (CS) OR CSE 100: Principles of Programming with C++ (CS) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. • Select your Career Interest Communities and play me3@ASU. |
|  MAT 270: Calculus with Analytic Geometry I (MA) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Maintain 2.50 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 15 | | |

| Term 2 15 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|  MAT 271: Calculus with Analytic Geometry II (MA) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Related Field | 4 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Maintain 2.50 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 15 | | |

| Term 3 30 - 45 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  MAT 272: Calculus with Analytic Geometry III (MA) | 4 | C | <ul style="list-style-type: none"> • Minimum grade of C required in all MAT and STP classes; grade of B or better strongly correlated with timely graduation. • Meet with your academic advisor to discuss summer internship and/or Research Opportunities for Undergraduates (REU) • PHY 121/PHY 122 and/or MSE 208 are recommended to satisfy the Natural Science - Quantitative (SQ) requirement as they also satisfy Related Field requirements. |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
|  Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Maintain 2.50 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 15 | | |

| Term 4 45 - 61 Credit Hours Critical course signified by ⚠ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ⚠ MAT 300: Mathematical Structures (L) | 3 | C | <ul style="list-style-type: none"> • Meet with your academic advisor to discuss options for adding a minor, certificate, or concurrent major to your degree program. • Upper division MAT/STP courses should be taken through the Tempe campus, unless approved by a SoMSS advisor. • Develop your skills. |
| ⚠ MAT 342: Linear Algebra OR MAT 343: Applied Linear Algebra | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Maintain 2.50 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 16 | | |

| Term 5 61 - 77 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ MAT 370: Intermediate Calculus OR MAT 371: Advanced Calculus I | 3 | C | <ul style="list-style-type: none"> • Minimum grade of C required in all MAT and STP classes; grade of B or better strongly correlated with timely graduation. • Meet with your academic advisor to discuss post-graduation plans, e.g. graduate school, career preparation. • Upper division MAT/STP courses should be taken through the Tempe campus, unless approved by a SoMSS advisor. |
| Complete 2 courses: Related Field | 6 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 6 77 - 91 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ Upper Division Additional Course in the Major (ACT, MAT or STP) | 3 | C | <ul style="list-style-type: none"> • Minimum grade of C required in all MAT and STP classes; grade of B or better strongly correlated with timely graduation. • Upper division MAT/STP courses should be taken through the Tempe campus, unless approved by a SoMSS advisor. • Meet with a career counselor from ASU Career Services for a review of your resume and interviewing tips for success. • Use Handshake to research employment opportunities • PHI 103 is recommended for the Literacy and Critical Inquiry (L) requirement. |
| Related Field | 2 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Elective OR MAT 484: Internship | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 14 | | |

| Term 7 91 - 106 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| Complete 2 courses: ★ Upper Division Additional Course in the Major (ACT, MAT or STP) | 6 | C | <ul style="list-style-type: none"> • Minimum grade of C required in all MAT and STP classes; grade of B or better strongly correlated with timely graduation. • Upper division MAT/STP courses should be taken through the Tempe campus, unless approved by a SoMSS advisor. • Meet with your academic advisor to discuss post-graduation plans, e.g. graduate school, career preparation. • Develop your professional online presence. |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Complete 2 courses: Upper Division Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| | Minimum |
|--|---------|
|--|---------|

| Term 8 106 - 120 Credit Hours Necessary course signified by ★ | Hours | Grade | Notes |
|---|-------|-------|--|
| ★ Upper Division Additional Course in the Major (ACT, MAT or STP) | 4 | C | <ul style="list-style-type: none"> • Minimum grade of C required in all MAT and STP classes; grade of B or better strongly correlated with timely graduation. • Upper division MAT/STP courses should be taken through the Tempe campus, unless approved by a SoMSS advisor. • Meet with your academic advisor for final degree check and apply for graduation through your My ASU. |
| ★ Additional Course in the Major (ACT, MAT or STP) | 2 | C | |
| Complete 3 courses: | | | |
| Upper Division Elective | 8 | | |
| Term hours subtotal: | 14 | | |

Hide Course List(s)/Track Group(s)

| | |
|--|---|
| Additional Course in the Major (ACT MAT or STP) | Related Field |
| ACT Upper Division Elective | ACT Upper Division Elective |
| MAT 243: Discrete Mathematical Structures | AST Upper Division Elective |
| MAT 274: Elementary Differential Equations (MA) or MAT 275: Modern Differential Equations (MA) | BCH 4** Elective |
| MAT Upper Division Elective | BME Upper Division Elective |
| STP 4** Elective | CEE Upper Division Elective |
| | CHE Elective |
| | CHM 341: Elementary Physical Chemistry |
| | CHM 343: Elementary Physical Chemistry Laboratory |
| | CHM 345: Physical Chemistry I |
| | CHM 346: Physical Chemistry II |
| | CHM 348: Physical Chemistry Laboratory I (L) |
| | CHM 349: Physical Chemistry Laboratory II (L) |
| | CHM 453: Inorganic Chemistry |
| | CHM 460: Biological Chemistry |
| | CHM 471: Solid-State Chemistry |
| | CIS 2** Elective |
| | CIS Upper Division Elective |
| | CSE Elective |
| | ECN Upper Division Elective |
| | EEE Elective |
| | FIN Upper Division Elective |
| | GLG 418: Geophysics |
| | GLG 419: Geodynamics |

| |
|--|
| GLG 470: Hydrogeology |
| GLG 481: Geochemistry |
| IEE Upper Division Elective |
| MAE Elective |
| MAT 243: Discrete Mathematical Structures |
| MAT 274: Elementary Differential Equations (MA) or MAT 275: Modern Differential Equations (MA) |
| MAT Upper Division Elective |
| MSE Elective |
| PHI 333: Symbolic Logic |
| PHI 413: Advanced Symbolic Logic |
| PHY 121: University Physics I: Mechanics (SQ) |
| PHY 122: University Physics Laboratory I (SQ) |
| PHY 131: University Physics II: Electricity and Magnetism (SQ) |
| PHY 132: University Physics Laboratory II (SQ) |
| PHY 150: Physics I (SQ) |
| PHY 151: Physics II (SQ) |
| PHY 2** Elective |
| PHY Upper Division Elective |
| STP Upper Division Elective |

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.













2020 - 2021 Major Map

Mathematics, BS

School/College: The College of Liberal Arts and Sciences

Location: Tempe campus

LAMATBS

| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  CSE 110: Principles of Programming (CS) | 3 | C | <ul style="list-style-type: none"> An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses Mathematics Placement Assessment score determines placement in mathematics course ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students Select your Career Interest Communities and play me3@ASU. |
|  MAT 270: Calculus with Analytic Geometry I (MA) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| Elective | 3 | | |
| Maintain 3.00 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 14 | | |
| Term 2 14 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  MAT 271: Calculus with Analytic Geometry II (MA) | 4 | C | <ul style="list-style-type: none"> Meet with your academic advisor to reflect on your first year of classes and map your coursework towards a timely graduation. PHI 103 Principles of Sound Reasoning is recommended to satisfy the Literacy and Critical Inquiry (L) requirement. Join a student club or professional organization. |
| CSE 205: Object-Oriented Programming and Data Structures (CS) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Maintain 3.00 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 16 | | |
| Term 3 30 - 46 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  MAT 272: Calculus with Analytic Geometry III (MA) | 4 | C | <ul style="list-style-type: none"> Minimum grade of C required in all MAT and STP classes; grade of B or better strongly correlated with timely graduation. PHY 121/PHY 122 and/or MSE 208 is recommended to satisfy the Natural Science - Quantitative (SQ) requirement as they also satisfy Related Field requirements. Meet with your academic advisor to discuss summer internship and/or Research Opportunities for Undergraduates (REU) |
|  MAT 275: Modern Differential Equations (MA) | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Elective | 2 | | |
|  Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Maintain 3.00 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 16 | | |
| Term 4 46 - 62 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  MAT 300: Mathematical Structures (L) | 3 | C | |

| | | |
|---|----|---|
| 📌 MAT 342: Linear Algebra OR MAT 343: Applied Linear Algebra | 3 | C |
| Science and Society Elective | 3 | C |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | |
| Social-Behavioral Sciences (SB) | 3 | |
| Maintain 3.00 GPA in Critical Tracking Courses. | | |
| Term hours subtotal: | 16 | |

- Meet with your academic advisor to discuss options for adding a minor, certificate, or concurrent major to your degree program.
- Upper-division MAT/STP courses should be taken through the Tempe campus, unless approved by a SoMSS advisor.
- Completion of MAT 300 with a B or better by the end of this term is strongly correlated with success in this major and meets prerequisites to continue with MAT 371 in the next term.

| Term 5 62 - 77 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ MAT 371: Advanced Calculus I | 3 | C | <ul style="list-style-type: none"> • Minimum grade of C required in all MAT and STP classes; grade of B or better strongly correlated with timely graduation. • Upper-division MAT/STP courses should be taken through the Tempe campus, unless approved by a SoMSS advisor • MAT 275 highly recommended. |
| Upper Division Science and Society Elective | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 77 - 92 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ Additional Courses in the Major (ACT, MAT, STP) | 3 | C | <ul style="list-style-type: none"> • Minimum grade of C required in all MAT and STP classes; grade of B or better strongly correlated with timely graduation. • Upper-division MAT/STP courses should be taken through the Tempe campus, unless approved by a SoMSS advisor • Develop your professional online presence. |
| ★ Upper Division Depth Course | 3 | C | |
| Related Field | 3 | C | |
| Upper Division Elective OR MAT 484: Internship | 3 | | |
| Elective | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 92 - 107 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ Additional Courses in the Major (ACT, MAT, STP) | 3 | C | <ul style="list-style-type: none"> • Minimum grade of C required in all MAT and STP classes; grade of B or better strongly correlated with timely graduation. • Upper-division MAT/STP courses should be taken through the Tempe campus, unless approved by an academic advisor in the School of Mathematical and Statistical Sciences. • Complete an in person or virtual practice interview. |
| ★ Upper Division Advanced Courses | 3 | C | |
| ★ Upper Division Depth Course | 3 | C | |
| Complete 2 courses: | | | |
| Upper Division Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 8 107 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ Upper Division Advanced Courses | 3 | C | <ul style="list-style-type: none"> • Minimum grade of C required in all MAT and STP classes; grade of B or better strongly correlated with timely graduation. • Upper-division MAT/STP courses should be taken through the Tempe campus unless approved by a SoMSS advisor |
| Related Field | 4 | C | |
| Complete 2 courses: | | | |
| Upper Division Elective | 6 | | |
| Term hours subtotal: | 13 | | |

- Meet with your academic advisor for final degree check and apply for graduation through your **My ASU**.

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

| Advanced Courses | Additional Courses in the Major (ACT MAT or STP) | Depth Courses |
|---|--|---|
| MAT 410: Introduction to General Topology | ACT 415: Probability for Risk Management | ACT 440: Long-Term Actuarial Mathematics I |
| MAT 412: Differential Geometry | ACT 430: Mathematics of Financial Derivatives | ACT 441: Long-Term Actuarial Mathematics II |
| MAT 415: Introduction to Combinatorics | MAT 243: Discrete Mathematical Structures | ACT 450: Actuarial Models and Modeling I |
| MAT 416: Graph Theory | MAT 274: Elementary Differential Equations (MA) or MAT 275: Modern Differential Equations (MA) | ACT 451: Actuarial Models and Modeling II |
| MAT 420: Scientific Computing | MAT Upper Division Elective | MAT 410: Introduction to General Topology |
| MAT 421: Applied Computational Methods (CS) | STP Upper Division Elective | MAT 412: Differential Geometry |
| MAT 423: Numerical Analysis I (CS) | | MAT 415: Introduction to Combinatorics |
| MAT 425: Numerical Analysis II (CS) | | MAT 416: Graph Theory |
| MAT 440: Group Theory | | MAT 423: Numerical Analysis I (CS) |
| MAT 441: Ring Theory | | MAT 425: Numerical Analysis II (CS) |
| MAT 442: Advanced Linear Algebra | | MAT 442: Advanced Linear Algebra |
| MAT 443: Introduction to Abstract Algebra | | MAT 444: Intermediate Abstract Algebra |
| MAT 444: Intermediate Abstract Algebra | | MAT 447: Cryptography I |
| MAT 445: Theory of Numbers | | MAT 448: Cryptography II |
| MAT 447: Cryptography I | | MAT 472: Intermediate Real Analysis I |
| MAT 448: Cryptography II | | MAT 473: Intermediate Real Analysis II |
| MAT 451: Mathematical Modeling (CS) | | MAT 475: Differential Equations |
| MAT 452: Introduction to Chaos and Nonlinear Dynamics | | MAT 476: Partial Differential Equations |
| MAT 460: Vector Calculus | | STP 425: Stochastic Processes |
| MAT 461: Applied Complex Analysis | | STP 427: Mathematical Statistics |
| MAT 462: Applied Partial Differential Equations | | |
| MAT 472: Intermediate Real Analysis I | | |
| MAT 475: Differential Equations | | |
| MAT 476: Partial Differential Equations | | |

STP 420: Introductory Applied Statistics (CS)

STP 421: Probability

STP 425: Stochastic Processes

STP 427: Mathematical Statistics

STP 429: Applied Regression (CS)

Related Field

ACT 410: Mathematics of Finance

ACT 415: Probability for Risk Management

ACT 430: Mathematics of Financial
Derivatives

ACT 450: Actuarial Models and Modeling I

ACT 451: Actuarial Models and Modeling II

BCH 4** Elective

BME Upper Division Elective

CEE Upper Division Elective

CHE Elective

CHM 341: Elementary Physical Chemistry

CHM 343: Elementary Physical Chemistry
Laboratory

CHM 345: Physical Chemistry I

CHM 346: Physical Chemistry II

CHM 348: Physical Chemistry Laboratory I
(L)

CHM 349: Physical Chemistry Laboratory II
(L)

CHM 453: Inorganic Chemistry

CHM 460: Biological Chemistry

CHM 471: Solid-State Chemistry

CIS 2** Elective

CIS Upper Division Elective

CSE Elective

ECN Upper Division Elective

EEE Elective

FIN Upper Division Elective

GLG 418: Geophysics

GLG 419: Geodynamics

GLG 470: Hydrogeology

GLG 481: Geochemistry

IEE Upper Division Elective

MAE Elective

MAT Upper Division Elective

MSE Elective

PHI 333: Symbolic Logic

PHI 413: Advanced Symbolic Logic

PHY 121: University Physics I: Mechanics (SQ)

PHY 122: University Physics Laboratory I (SQ)

PHY 131: University Physics II: Electricity and Magnetism (SQ)

PHY 132: University Physics Laboratory II (SQ)

PHY 150: Physics I (SQ)

PHY 151: Physics II (SQ)

PHY 2** Elective

PHY Upper Division Elective

STP Upper Division Elective

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.






2020 - 2021 Major Map






Mathematics (Secondary Education), BS






School/College: The College of Liberal Arts and Sciences

Location: Tempe campus

LAMATSBS

| Term 1 0 - 15 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  MAT 207: Algebra and Geometry in the High School | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement into mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Select your Career Interest Communities and play me3@ASU. |
|  MAT 270: Calculus with Analytic Geometry I (MA) | 4 | C | |
|  MTE 210: Mentored Tutoring Internship | 1 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| SPE 222: Orientation to Education of Exceptional Children (SB & C) | 3 | C | |
|  Maintain 3.00 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 15 | | |

| Term 2 15 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  MAT 208: Discrete Mathematics for Secondary Teachers | 3 | C | <ul style="list-style-type: none"> • GCU 113 satisfies the US and AZ constitution requirement needed for teacher certification. |
|  MAT 271: Calculus with Analytic Geometry II (MA) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) (GCU 113 recommended) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Maintain 3.00 GPA in Critical Tracking Courses. | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 17 | | |

| Term 3 32 - 49 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  MAT 272: Calculus with Analytic Geometry III (MA) | 4 | C | <ul style="list-style-type: none"> • Meet with your academic advisor to discuss summer internship and/or Research Opportunities for Undergraduates (REU) |
|  MTE 250: Technology and Mathematical Visualization | 3 | C | |
| Science and Society Elective | 3 | C | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
|  Complete First-Year Composition requirement. | | | |
|  Maintain 3.00 GPA in Critical Tracking Courses. | | | |
| Complete Mathematics (MA) requirement. | | | |

Term hours subtotal: 17

| Term 4 49 - 64 Credit Hours Critical course signified by ⚠ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ⚠ MAT 300: Mathematical Structures (L) | 3 | C | <ul style="list-style-type: none"> Apply for an Identity Verified Print (IVP) fingerprint clearance card. This is required by AZ state law for participation in internships in 6-12 grade schools. Upper-division MAT/STP/MTE courses should be taken through the Tempe campus, unless approved by a SoMSS advisor. |
| ⚠ MAT 310: Introduction to Geometry | 3 | C | |
| ⚠ MAT 342: Linear Algebra OR MAT 343: Applied Linear Algebra | 3 | C | |
| ⚠ MTE 320: Conceptual Foundations of 7-12 Mathematics Curricula and Assessment | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| ⚠ Maintain 3.00 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 15 | | |

| Term 5 64 - 79 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ MAT 371: Advanced Calculus I | 3 | C | <ul style="list-style-type: none"> Meet with your advisor early in the semester to submit an intent to progress form that notifies the Teacher's College that you will be ready to enroll in your first internship the following term. You will upload a copy of your IVP fingerprint card with this form. Teacher's College will then invite you to attend a mandatory Professional Pathways Orientation. Upper-division MAT/STP/MTE courses should be taken through the Tempe campus, unless approved by a SoMSS advisor. |
| ★ MTE 430: The Development of Mathematical Thinking | 3 | C | |
| ★ STP 420: Introductory Applied Statistics (CS) | 3 | C | |
| EDP 313: Childhood and Adolescence (SB) OR TEL 315: Child and Adolescent Development (L or SB) | 3 | C | |
| MAT OR STP Upper Division Elective (MAT 274 OR MAT 275 recommended) | 3 | C | |
| ★ Milestone: Complete online Intent to Progress form (meet with advisor). | | | |
| ★ Milestone: Submit Identity Verified Print (IVP) DPS fingerprint clearance card. | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 6 79 - 95 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ BLE 407: SEI for Secondary Students (L) | 3 | | <ul style="list-style-type: none"> During your clinical experience internships, you will work alongside a lead teacher in a 6-12th grade classroom. Reliable transportation is required to get to school sites in terms 6-8. Upper-division MAT/STP/MTE courses should be taken through the Tempe campus, unless approved by a SoMSS advisor Build your professional connections -- join the ASU Mentor Network |
| ★ MAT 415: Introduction to Combinatorics OR MAT 416: Graph Theory | 3 | C | |
| ★ SED 398: Clinical Experience | 1 | C | |
| ★ SPE 417: Inclusion Practices at the Secondary Level | 3 | C | |
| ★ TEL 311: Instruction and Management in the Inclusive Classroom | 3 | C | |
| Upper Division Science and Society Elective | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 7 95 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ MTE 482: Methods of Teaching Mathematics in Secondary School | 3 | C | <ul style="list-style-type: none"> Students seeking teacher certification must pass required educator exams. Please speak with your Teachers College advisor to plan appropriately. |
| ★ RDG 323: Literacy Processes in Content Areas | 3 | | |
| ★ SED 322: Classroom Leadership in Secondary Schools (L) | 3 | C | |

| | | | |
|---|----|---|---|
| ★ SED 496: Clinical Experience III | 1 | C | <ul style="list-style-type: none"> • Upper-division MAT/STP/MTE courses should be taken through the Tempe campus, unless approved by a SoMSS advisor. • Use Handshake to research employment opportunities |
| MAT 441: Ring Theory OR MAT 445: Theory of Numbers OR MAT 440: Group Theory | 3 | C | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 13 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | | |
|--|----|---|---|
| ★ SED 478: Student Teaching: Secondary Education (Grades 6-12) | 12 | C | <ul style="list-style-type: none"> • Gather professional references. • Your student teaching residency requires a full time commitment in a 6-12 grade classroom for the semester. |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 12 | | |

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.50 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map




Mathematics (Statistics), BS





School/College: [The College of Liberal Arts and Sciences](#)




Location: [Tempe campus](#)

LAMATTBS

| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  CSE 110: Principles of Programming (CS) | 3 | C | <ul style="list-style-type: none"> An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses Mathematics Placement Assessment score determines placement in mathematics course ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students Select your Career Interest Communities and play me3@ASU |
|  MAT 270: Calculus with Analytic Geometry I (MA) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| Elective | 3 | | |
| Maintain 3.00 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  MAT 271: Calculus with Analytic Geometry II (MA) | 4 | C | <ul style="list-style-type: none"> Join a student club or professional organization. |
| CSE 205: Object-Oriented Programming and Data Structures (CS) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Maintain 3.00 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 44 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  MAT 272: Calculus with Analytic Geometry III (MA) | 4 | C | <ul style="list-style-type: none"> STP and upper-division MAT courses need to be taken through the Tempe campus, unless approved by a SoMSS advisor PHI 103 is recommended to satisfy the Literacy and Critical Inquiry (L) general studies requirement Meet with your academic advisor to discuss summer internship and/or Research Opportunities for Undergraduates (REU) |
|  STP 420: Introductory Applied Statistics (CS) | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
|  Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Maintain 3.00 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 14 | | |

| Term 4 44 - 60 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  MAT 300: Mathematical Structures (L) | 3 | C | <ul style="list-style-type: none"> Meet with your academic advisor to discuss options for adding a minor, certificate, or concurrent major to your degree program. |
|  MAT 342: Linear Algebra OR MAT 343: Applied Linear Algebra | 3 | C | |

| | | |
|---|----|---|
| ◆ STP 429: Applied Regression (CS) | 3 | C |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | |
| Maintain 3.00 GPA in Critical Tracking Courses. | | |
| Term hours subtotal: | 16 | |

- STP and upper-division MAT courses need to be taken through the Tempe campus, unless approved by a SoMSS advisor

| Term 5 60 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ MAT 371: Advanced Calculus I | 3 | C | <ul style="list-style-type: none"> • Minimum grade of C required in all MAT and STP classes; grade of B or better strongly correlated with timely graduation. • STP and upper-division MAT courses need to be taken through the Tempe campus, unless approved by a SoMSS advisor |
| STP 421: Probability | 3 | C | |
| Science and Society Elective | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ STP 427: Mathematical Statistics | 3 | C | <ul style="list-style-type: none"> • Minimum grade of C required in all MAT and STP classes; grade of B or better strongly correlated with timely graduation. • STP and upper-division MAT courses need to be taken through the Tempe campus, unless approved by a SoMSS advisor • Develop your professional online presence. • Use Handshake to research employment opportunities |
| ★ MAT or STP Advanced Course | 3 | C | |
| Related Field Course | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Elective OR MAT 484: Internship | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ Upper Division MAT or STP Advanced Course | 3 | C | <ul style="list-style-type: none"> • Minimum grade of C required in all MAT and STP classes; grade of B or better strongly correlated with timely graduation. • STP and upper-division MAT courses should be taken through the Tempe campus, unless approved by a SoMSS advisor • Gather professional references. |
| Upper Division Science and Society Elective | 3 | C | |
| Related Field Course | 3 | C | |
| Complete 2 courses: | 6 | | |
| Upper Division Elective | | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ Upper Division MAT or STP Advanced Course | 3 | C | <ul style="list-style-type: none"> • Minimum grade of C required in all MAT and STP classes; grade of B or better strongly correlated with timely graduation. • STP and upper-division MAT courses should be taken through the Tempe campus, unless approved by an SoMSS advisor • Meet with your academic advisor for final degree check and apply for graduation through My ASU. • Apply for full-time career opportunities. |
| Related Field Course | 4 | C | |
| Upper Division Elective | 3 | | |
| Complete 2 courses: | 5 | | |
| Elective | | | |
| Term hours subtotal: | 15 | | |

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

| Related Field Course | MAT or STP Advanced Course |
|---|---|
| ACT Upper Division Elective | ACT 430: Mathematics of Financial Derivatives |
| AST Upper Division Elective | ACT 435: Statistics for Risk Modeling |
| BCH 4** Elective | ACT 450: Actuarial Models and Modeling I |
| BME Upper Division Elective | ACT 451: Actuarial Models and Modeling II |
| CEE Upper Division Elective | MAT 275: Modern Differential Equations (MA) |
| CHE Elective | MAT 372: Advanced Calculus II |
| CHM 341: Elementary Physical Chemistry | MAT 420: Scientific Computing |
| CHM 343: Elementary Physical Chemistry Laboratory | MAT 421: Applied Computational Methods (CS) |
| CHM 345: Physical Chemistry I | MAT 423: Numerical Analysis I (CS) |
| CHM 346: Physical Chemistry II | MAT 442: Advanced Linear Algebra |
| CHM 348: Physical Chemistry Laboratory I (L) | MAT 472: Intermediate Real Analysis I |
| CHM 349: Physical Chemistry Laboratory II (L) | STP 4** Elective |
| CHM 453: Inorganic Chemistry | |
| CHM 460: Biological Chemistry | |
| CHM 471: Solid-State Chemistry | |
| CIS 2** Elective | |
| CIS Upper Division Elective | |
| CSE Elective | |
| ECN Upper Division Elective | |
| EEE Elective | |
| FIN Upper Division Elective | |
| GLG 418: Geophysics | |
| GLG 419: Geodynamics | |
| GLG 470: Hydrogeology | |
| GLG 481: Geochemistry | |
| IEE Upper Division Elective | |

MAE Elective

MAT Upper Division Elective

MSE Elective

PHI 333: Symbolic Logic

PHI 413: Advanced Symbolic Logic

PHY 121: University Physics I: Mechanics (SQ)

PHY 122: University Physics Laboratory I (SQ)

PHY 131: University Physics II: Electricity and Magnetism (SQ)

PHY 132: University Physics Laboratory II (SQ)

PHY 150: Physics I (SQ)

PHY 151: Physics II (SQ)

PHY 2** Elective

PHY Upper Division Elective

STP Upper Division Elective

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map




Microbiology, BS





School/College: [The College of Liberal Arts and Sciences](#)

Location: [Tempe campus](#)

LAMICBS



| Term 1 0 - 15 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  BIO 281: Conceptual Approaches to Biology for Majors I (SQ) | 4 | C | <ul style="list-style-type: none"> An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses Mathematics Placement Assessment score determines placement in mathematics and science courses LIA 101, ASU 101, or college-specific First-Year Seminar required of all first-year students Students transferring General Biology I (BIO 181) will fulfill BIO 281 requirement Students transferring General Statistics (STP 226 or PSY 230) will fulfill STP 231 requirement Select your Career Interest Communities and play me3@ASU. |
|  LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| CHM 113: General Chemistry I (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| STP 231: Statistics for Life Science (CS) | 3 | C | |
| Term hours subtotal: | 15 | | |




| Term 2 15 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  BIO 282: Conceptual Approaches to Biology for Majors II | 4 | C | <ul style="list-style-type: none"> Join a student organization Activate your Handshake account and build out your profile. Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.) Attend a Pre-Health 101 Session Students transferring General Biology II (BIO 182) will fulfill BIO 282 requirement Students transferring Calculus (MAT 270 or MAT 210) will fulfill MAT 251 requirement |
| CHM 116: General Chemistry II (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 251: Calculus for Life Sciences (MA) | 3 | C | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 17 | | |




| Term 3 32 - 46 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  BIO 340: General Genetics | 4 | C | <ul style="list-style-type: none"> Pre-health students should take CHM 233 and CHM 237 this term. See the pre-health website for more information If CHM 231 and 235 are taken, then BCH 361 and 367 must be taken the following semester If CHM 233 and 237 are taken, then CHM 234 and 238 must be taken the following semester It is not recommended to take more than two lab courses in a term. Explore extracurriculars (i.e. service learning, community service, internships, |
| CHM 231: Elementary Organic Chemistry (SQ) AND CHM 235: Elementary Organic Chemistry Laboratory (SQ) OR CHM 233: General Organic Chemistry I AND CHM 237: General Organic Chemistry Laboratory I | 4 | C | |
| Science and Society Elective | 3 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
|  Complete First-Year Composition requirement. | | | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 14 | | |


research, student involvement, shadowing, etc.)

- Attend a [Study Abroad 101 Session](#)
- Explore [Minors or Certificates](#)

| Term 4 46 - 60 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  MIC 220: Biology of Microorganisms AND MIC 206: Microbiology Laboratory (SG) | 4 | C | <ul style="list-style-type: none"> • Pre-health students should take CHM 234 and CHM 238 this term. See the pre-health website for more information • If CHM 231 and 235 were previously taken, then BCH 361 and 367 must be taken this term • If CHM 233 and 237 were previously taken, then CHM 234 and 238 must be taken this term • Meet with the Career & Professional Development Center to learn how to develop professional skills • Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.) |
| BCH 361: Advanced Principles of Biochemistry AND BCH 367: Elementary Biochemistry Laboratory OR CHM 234: General Organic Chemistry II AND CHM 238: General Organic Chemistry Laboratory II | 4 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 14 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  MIC 302: Advanced Bacteriology Laboratory (L) | 2 | C | <ul style="list-style-type: none"> • Pre-health students should take PHY 111 and PHY 113 instead of PHY 101 this term. See the pre-health website for more information • Meet with your advisor to discuss ways to maximize your remaining time at ASU • Lab credit is required and is accounted for in the additional major requirements electives area (i.e. pre-health; 4+1 Masters Programs; study abroad) • Thinking about graduate school? Consider registering for a grad school test prep course. |
|  MIC 360: Bacterial Physiology | 3 | C | |
| PHY 101: Introduction to Physics (SQ) | 4 | C | |
| Upper Division Additional Major Requirements | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  Upper Division Major Microbiology/Immunology Elective Course | 3-4 | C | <ul style="list-style-type: none"> • Pre-health students should take PHY 112 and PHY 114 instead of an elective this term. See the pre-health website for more information • Students must complete one upper-division elective from the list of Microbiology/Immunology Electives and one upper-division elective from the list of General Biology Electives. A third upper-division elective must be chosen from either the list of Microbiology/Immunology Electives OR the list of General Biology Electives • Explore graduate school or full-time employment opportunities |
| Upper Division Additional Major Requirements | 3 | C | |
| Upper Division Social-Behavioral Sciences (SB) OR Upper Division Humanities, Arts and Design (HU) | 3 | | |
| Complete 2 courses: Elective | 6 | | |
|  Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15-16 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|--|-------|---|
| ★ Upper Division Major General Biology Elective Course | 3-4 | C |
| Upper Division Science and Society Elective | 3 | C |
| Complete 3 courses: Upper Division Elective | 9 | |
| Term hours subtotal: | 15-16 | |

- Students must complete one upper-division elective from the list of Microbiology/Immunology Electives and one upper-division elective from the list of General Biology Electives. A third upper-division elective must be chosen from either the list of Microbiology/Immunology Electives OR the list of General Biology Electives.
- Apply for **full-time career opportunities**
- Meet with your **advisor** to verify remaining degree requirements have been met prior to Term 8

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ MIC 401: Research Paper (L) | 1 | C | <ul style="list-style-type: none"> • Students must complete one upper-division elective from the list of Microbiology/Immunology Electives and one upper-division elective from the list of General Biology Electives. A third upper-division elective must be chosen from either the list of Microbiology/Immunology Electives OR the list of General Biology Electives • MIC 401 requires the completion of an individualized instruction form and meeting with a faculty reader before the semester begins • Continue to apply for full-time career opportunities or graduate school |
| Upper Division Major Microbiology/ Immunology Elective Course OR Upper Division Major General Biology Elective Course | 3-4 | C | |
| Complete 2 courses: Upper Division Elective | 5 | | |
| Complete 2 courses: Elective | 6 | | |
| Term hours subtotal: | 15-16 | | |

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

| Major General Biology Electives Courses - 3 credits required | Major Microbiology/Immunology Electives Courses - 3 credits required | Additional Major Requirements - 6 credits required |
|--|--|--|
| BCH 361: Advanced Principles of Biochemistry | MBB 445: Techniques in Molecular Biology/Genetics or MIC 445: Techniques in Molecular Biology/Genetics | BIO 484: Internship or MIC 484: Internship |
| BIO 302: Cancer--Mother of All Diseases (L) | MBB 446: Techniques in Molecular Biology/Genetics Lab or MIC 446: Techniques in Molecular Biology/Genetics Lab | BIO 495: Undergraduate Research or MBB 495: Undergraduate Research or MIC 495: Undergraduate Research |
| BIO 312: Bioethics (HU) or PHI 320: Bioethics (HU) | MIC 379: Medical Bacteriology | MBB 445: Techniques in Molecular Biology/Genetics or MIC 445: Techniques in Molecular Biology/Genetics |
| BIO 320: Fundamentals of Ecology | MIC 394: Special Topics | MBB 446: Techniques in Molecular Biology/Genetics Lab or MIC 446: Techniques in Molecular Biology/Genetics Lab |
| BIO 343: Genetic Engineering and Society (L) or MBB 343: Genetic Engineering and Society (L) | MIC 421: Experimental Immunology | |
| BIO 345: Evolution | MIC 441: Bacterial Genetics | |
| BIO 351: Developmental Biology | | |

| | | |
|--|--|--|
| BIO 353: Cell Biology | MIC 442: Bacterial Genetics Laboratory | MIC 420: Immunology: Molecular and Cellular Foundations or BIO 420: Immunology: Molecular and Cellular Foundations |
| BIO 360: Animal Physiology | MIC 484: Internship | |
| BIO 451: Cell Biotechnology: Cell Culture Immunocytochemistry and Bioimaging | MIC 485: General Virology | |
| BMI 465: Introduction to Comparative Genomics | MIC 498: HIV/AIDS Prevention Education in Africa | MIC 421: Experimental Immunology |
| | | MIC 441: Bacterial Genetics |
| | | MIC 442: Bacterial Genetics Laboratory |
| | | MIC 481: Bacterial Pathogenesis |

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map




Microbiology (Medical Microbiology), BS





School/College: [The College of Liberal Arts and Sciences](#)

Location: [Tempe campus](#)



LAMICMBS



| Term 1 0 - 15 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  BIO 281: Conceptual Approaches to Biology for Majors I (SQ) | 4 | C | <ul style="list-style-type: none"> An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses Mathematics Placement Assessment score determines placement in mathematics and science courses LIA 101, ASU 101, or college-specific First-Year Seminar required of all first-year students. Students transferring General Biology I (BIO 181) will fulfill BIO 281 requirement Students transferring General Statistics (STP 226 or PSY 230) will fulfill STP 231 requirement Select your Career Interest Communities and play me3@ASU. |
|  LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | C | |
| CHM 113: General Chemistry I (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| STP 231: Statistics for Life Science (CS) | 3 | C | |
| Term hours subtotal: | 15 | | |




| Term 2 15 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  BIO 282: Conceptual Approaches to Biology for Majors II | 4 | C | <ul style="list-style-type: none"> Join a student organization Activate your Handshake account and build out your profile. Attend a Pre-Health 101 Session Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.) Students transferring General Biology II (BIO 182) will fulfill BIO 282 requirement Students transferring Calculus (MAT 270 or MAT 210) will fulfill MAT 251 requirement |
| CHM 116: General Chemistry II (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| MAT 251: Calculus for Life Sciences (MA) | 3 | C | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 17 | | |



| Term 3 32 - 46 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  BIO 340: General Genetics OR MBB 347: Molecular Genetics: From Genes to Proteins | 4 | C | <ul style="list-style-type: none"> Pre-health students should take CHM 233 and CHM 237 this term. See the pre-health website for more information If CHM 233 and 237 are taken, then CHM 234 and 238 must be taken the following semester It is not recommended to take more than two lab courses in a term. Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.) Attend a Study Abroad 101 Session |
| CHM 231: Elementary Organic Chemistry (SQ) AND CHM 235: Elementary Organic Chemistry Laboratory (SQ) | 4 | C | |
| Science and Society Elective | 3 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
|  Complete First-Year Composition requirement. | | | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 14 | | |

- Explore [Minors or Certificates](#)

| Term 4 46 - 63 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  MIC 220: Biology of Microorganisms AND MIC 206: Microbiology Laboratory (SG) | 4 | C | <ul style="list-style-type: none"> • Pre-health students should take CHM 234 and CHM 238 this term instead of Elective. See the pre-health website for more information • If CHM 233 and 237 are taken, then CHM 234 and 238 must be taken the following semester • Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.) • Meet with the Career & Professional Development Center to learn how to develop professional skills |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 4 | | |
| Term hours subtotal: | 17 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  BIO 353: Cell Biology | 3 | C | <ul style="list-style-type: none"> • Pre-health students should take PHY 111 and 113 instead of PHY 101 this term. See the pre-health website for more information. • Meet with your advisor to discuss ways to maximize your remaining time at ASU (i.e. pre-health; 4+1 Masters Programs; study abroad). • Explore graduate school or full-time job opportunities. |
| BCH 361: Advanced Principles of Biochemistry AND BCH 367: Elementary Biochemistry Laboratory | 4 | C | |
| PHY 101: Introduction to Physics (SQ) | 4 | C | |
| Upper Division Elective | 4 | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 94 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| <i>Complete 2 courses:</i> | | | <ul style="list-style-type: none"> • BIO 312 or BIO 416 will satisfy the upper-division Science and Society requirement for The College of Liberal Arts and Sciences. • Pre-health students should take PHY 112 and 114 instead of Elective this term. See the pre-health website for more information • Courses from the Microbes and Biomedicine groups must include at least one course from each category and at least one (1) lab course. • Explore graduate school or full-time opportunities. |
|  BIO 360: Animal Physiology OR HPS 331: History of Medicine (HU & H) or BIO 318: History of Medicine (HU & H) OR MIC 314: HIV/AIDS: Science, Behavior, and Society or SSH 314: HIV/AIDS: Science, Behavior, and Society OR MIC 481: Bacterial Pathogenesis OR MIC 421: Experimental Immunology | 5-6 | C | |
| BIO 312: Bioethics (HU) OR BIO 416: Biomedical Research Ethics (L) | 3 | | |
| Microbes or Biomedicine Course | 4-2 | C | |
| Upper Division Elective | 1 | | |
| Elective | 3 | | |
|  Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 16-15 | | |

| Term 7 94 - 108 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  MIC 420: Immunology: Molecular and Cellular Foundations OR BIO 420: Immunology: Molecular and Cellular Foundations | 3 | | <ul style="list-style-type: none"> • Courses from the Microbes and Biomedicine groups must include one (1) lab course |
| Microbes or Biomedicine Course | 2-4 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |

Complete 2 courses: 6
 Upper Division Elective

Term hours subtotal: 14-16

- Thinking about graduate school? Consider registering for a grad school **test prep course**.
- Use Handshake to research **employment opportunities**
- Meet with your **advisor** to verify remaining degree requirements have been met prior to Term 8

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ MIC 401: Research Paper (L) | 1 | C | • Continue to apply for full-time career opportunities or graduate school |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | C | |
| Upper Division Elective OR BIO 484: Internship OR MIC 484: Internship | 3 | | |
| Upper Division Elective | 2 | | |
| Elective | 3 | | |
| Term hours subtotal: | 12 | | |

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

| Biomedicine | Microbes |
|--|---|
| ASB 462: Medical Anthropology: Culture and Health (SB & C) | BIO 495: Undergraduate Research or MBB 495: Undergraduate Research or MIC 495: Undergraduate Research |
| BIO 302: Cancer--Mother of All Diseases (L) | MIC 302: Advanced Bacteriology Laboratory (L) |
| BIO 343: Genetic Engineering and Society (L) or MBB 343: Genetic Engineering and Society (L) | MIC 360: Bacterial Physiology |
| BIO 345: Evolution | MIC 379: Medical Bacteriology |
| BIO 351: Developmental Biology | MIC 425: Advanced Immunology |
| BIO 451: Cell Biotechnology: Cell Culture Immunocytochemistry and Bioimaging | MIC 441: Bacterial Genetics |
| MIC 445: Techniques in Molecular Biology/Genetics or MBB 445: Techniques in Molecular Biology/Genetics | MIC 442: Bacterial Genetics Laboratory |
| MIC 446: Techniques in Molecular Biology/Genetics Lab or MBB 446: Techniques in Molecular Biology/Genetics Lab | MIC 485: General Virology |
| | MIC 492: Honors Directed Study or BIO 492: Honors Directed Study or MBB 492: Honors Directed Study |
| | MIC 498: HIV/AIDS Prevention Education in Africa |

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map




Molecular Biosciences and Biotechnology, BS





School/College: [The College of Liberal Arts and Sciences](#)

Location: [Tempe campus](#)




LAMBBBS



| Term 1 0 - 15 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  BIO 281: Conceptual Approaches to Biology for Majors I (SQ) | 4 | C | <ul style="list-style-type: none"> An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses Mathematics Placement Assessment score determines placement in mathematics and science courses LIA 101, ASU 101, or college-specific First-Year Seminar required of all first-year students. Students transferring General Biology I (BIO 181) will fulfill BIO 281 requirement Students transferring General Statistics (STP 226 or PSY 230) will fulfill STP 231 requirement. Select your Career Interest Communities and play me3@ASU. |
|  LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| CHM 113: General Chemistry I (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| STP 231: Statistics for Life Science (CS) | 3 | C | |
| Term hours subtotal: | 15 | | |




| Term 2 15 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  BIO 282: Conceptual Approaches to Biology for Majors II | 4 | C | <ul style="list-style-type: none"> Join a student organization Activate your Handshake account and build out your profile. Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.) Attend a Pre-Health 101 Session Students transferring General Biology II (BIO 182) will fulfill BIO 282 requirement Students transferring Calculus (MAT 270 or MAT 210) will fulfill MAT 251 requirement |
| CHM 116: General Chemistry II (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| MAT 251: Calculus for Life Sciences (MA) | 3 | C | |
| Elective | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 17 | | |

| Term 3 32 - 46 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  MBB 347: Molecular Genetics: From Genes to Proteins | 4 | C | <ul style="list-style-type: none"> Pre-health students should take CHM 233 and CHM 237 instead of CHM 231 and CHM 235 this term. See pre-health website for more information If CHM 233 and 237 are taken, then CHM 234 and 238 must be taken the following semester It is not recommended to take more than two lab courses in a term. Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.) |
| CHM 231: Elementary Organic Chemistry (SQ) AND CHM 235: Elementary Organic Chemistry Laboratory (SQ) | 4 | C | |
| Science and Society Elective | 3 | C | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
|  Complete First-Year Composition requirement. | | | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 14 | | |

- Attend a [Study Abroad 101 Session](#)
- Explore [Minors or Certificates](#)

| Term 4 46 - 60 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  MBB 343: Genetic Engineering and Society (L) | 4 | C | <ul style="list-style-type: none"> • Pre-health students should take CHM 234 and CHM 238 instead of an elective this term. See the pre-health website for more information • If CHM 233 and 237 are taken, then CHM 234 and 238 must be taken the following semester • Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.) • Meet with the Career & Professional Development Center to learn how to develop professional skills |
|  MIC 220: Biology of Microorganisms AND MIC 206: Microbiology Laboratory (SG) | 4 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 14 | | |

| Term 5 60 - 76 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  MBB 484: Internship OR MBB 495: Undergraduate Research | 3 | C | <ul style="list-style-type: none"> • Pre-health students should take PHY 111 and PHY 113 instead of PHY 101. See pre-health website for more information • MBB 484 or MBB 495 requires the completion of an individualized instruction form and meeting with a faculty member before the semester begins. These are positions and research experience secured by the student on their own • Meet with your advisor to discuss ways to maximize your remaining time at ASU (i.e. pre-health; 4+1 Masters Programs; study abroad) • Thinking about graduate school? Consider registering for a grad school test prep course. • Apply for full-time career opportunities |
| PHY 101: Introduction to Physics (SQ) | 4 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 6 76 - 90 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  MBB 484: Internship OR MBB 495: Undergraduate Research | 3 | C | <ul style="list-style-type: none"> • Pre-health students should take PHY 112 and PHY 114 instead of an elective this term. See pre-health website for more information • MBB 484 or 495 requires the completion of an individualized instruction form and meeting with a faculty member before the semester begins. These are positions and research experience secured by the student on their own • Use Handshake to research employment opportunities • Explore graduate school or full-time opportunities |
| BCH 361: Advanced Principles of Biochemistry AND BCH 367: Elementary Biochemistry Laboratory | 4 | C | |
| Upper Division Science and Society Elective | 3 | C | |
| Elective | 4 | | |
|  Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 14 | | |

| | | Minimum | |
|--|--|---------|--|
|--|--|---------|--|

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Grade | Notes |
|---|-------|-------|---|
| ★ MBB 490: Capstone: Issues in Biotechnology (L) | 2 | C | <ul style="list-style-type: none"> • MBB 490 is a fall only course and can be taken before or after MBB 491 in a student's final year. • Explore or apply for full-time career opportunities or graduate school • Meet with your advisor to verify remaining degree requirements have been met prior to Term 8 |
| Upper Division Major Electives | 3 | C | |
| Upper Division Social-Behavioral Sciences (SB) OR Upper Division Humanities, Arts and Design (HU) | 3 | | |
| Complete 2 courses: | 7 | | |
| Upper Division Elective | | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ MBB 491: Capstone: Issues in Molecular Biosciences (L) | 2 | C | <ul style="list-style-type: none"> • MBB 491 is a spring only course and can be taken before or after MBB 490 in a student's final year. • Continue to apply for full-time career opportunities or graduate school |
| Upper Division Major Electives | 4 | C | |
| Upper Division Elective | 3 | | |
| Complete 2 courses: | 6 | | |
| Elective | | | |
| Term hours subtotal: | 15 | | |

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

| Major Electives |
|--|
| BIO 308: Plant Physiology |
| BIO 451: Cell Biotechnology: Cell Culture Immunocytochemistry and Bioimaging |
| MBB 350: Applied Genetics |
| MBB 440: Functional Genomics or BIO 440: Functional Genomics |
| MBB 445: Techniques in Molecular Biology/Genetics AND MBB 446: Techniques in Molecular Biology/Genetics Lab or MIC 445: Techniques in Molecular Biology/Genetics AND MIC 446: Techniques in Molecular Biology/Genetics Lab |
| MIC 420: Immunology: Molecular and Cellular Foundations or BIO 420: Immunology: Molecular and Cellular Foundations AND MIC 421: Experimental Immunology |
| MIC 441: Bacterial Genetics AND MIC 442: Bacterial Genetics Laboratory |

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition





General Studies designations listed on the major map are current for the 2020 - 2021 academic year.






2020 - 2021 Major Map




Neuroscience, BS


School/College: The College of Liberal Arts and Sciences

LABMENBS

| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  BIO 181: General Biology I (SQ) OR BIO 281: Conceptual Approaches to Biology for Majors I (SQ) | 4 | C | <ul style="list-style-type: none"> An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. Mathematics Placement Assessment score determines placement in mathematics course. LIA 101, ASU 101, or college-specific equivalent First-Year Seminar required of all first-year students. Select your career interest area and play me3@ASU. |
| CHS 101: The ASU Experience for Health Solutions Students OR | | | |
|  LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
|  PSY 101: Introduction to Psychology (SB) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 251: Calculus for Life Sciences (MA) OR MAT 265: Calculus for Engineers I (MA) OR MAT 270: Calculus with Analytic Geometry I (MA) | 3-4 | C | |
| Term hours subtotal: | 14-15 | | |

| Term 2 14 - 31 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  BIO 182: General Biology II (SG) OR BIO 282: Conceptual Approaches to Biology for Majors II | 4 | C | <ul style="list-style-type: none"> Students planning to complete courses in the Computational Neuroscience track should complete MAT 265 or MAT 270 no later than term 2. Create a resume & Handshake account with the Career & Professional Development Center Attend a Pre-Health 101 Session Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.) |
|  CHM 113: General Chemistry I (SQ) | 4 | C | |
|  PSY 230: Introduction to Statistics (CS) OR STP 231: Statistics for Life Science (CS) OR STP 226: Elements of Statistics (CS) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Elective | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 17 | | |

| Term 3 31 - 44 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| CHM 116: General Chemistry II (SQ) | 4 | C | <ul style="list-style-type: none"> Students are encouraged to consult with an academic advisor to select upper-division track courses and use electives to complete appropriate prerequisites for their chosen course of study. It is not recommended to take more than two labs courses in a term. Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.) Attend a Study Abroad 101 Session Explore Minors or Certificates |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Elective | 3 | | |
|  Complete First-Year Composition requirement. | | | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 13 | | |

| Term 4 44 - 60 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|---|----|---|
| ◆ BIO 360: Animal Physiology | 3 | C |
| ◆ PSY 290: Research Methods (L or SG) | 4 | C |
| Science and Society Elective | 3 | C |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | |
| Elective | 3 | |
| Term hours subtotal: | 16 | |

- Explore an **internship** or volunteer **experience**.
- Visit **Career and Professional Development Services** and meet with a career advisor for assistance with career planning and networking.

| Term 5 60 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|---|----|---|
| ★ BIO 476: Cellular and Molecular Neuroscience | 3 | C |
| ★ PSY 325: Physiological Psychology | 3 | C |
| Upper Division Science and Society Elective | 3 | C |
| Upper Division Social-Behavioral Sciences (SB) OR Upper Division Humanities, Arts and Design (HU) | 3 | |
| Elective OR BIO 484: Internship OR MIC 484: Internship | 3 | |
| Term hours subtotal: | 15 | |

- Work with an advisor to discuss upper-division track electives that best fit your personal plan of study.
- Elective credit hours can be used to complete prerequisites for upper-division track electives.
- Meet with your advisor to discuss ways to maximize your remaining time at ASU (i.e. pre-health; 4+1 Masters Programs; study abroad)
- Thinking about graduate school? Consider registering for a grad school **test prep course**.
- Apply for **full-time career opportunities**.

| Term 6 75 - 91 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|--|----|---|
| ★ BIO 477: Systems and Behavioral Neuroscience | 3 | C |
| ★ PSY 426: Neuroanatomy | 4 | C |
| ★ Complete 2 courses: Upper Division Track Electives | 6 | C |
| Upper Division Literacy and Critical Inquiry (L) | 3 | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |
| Term hours subtotal: | 16 | |

- Students will complete a minimum of 17 credit hours in any combination of upper-division track courses.
- Thinking about graduate school? Consider registering for a grad school **test prep course**.
- Apply for **full-time career opportunities**

| Term 7 91 - 106 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | |
|--|----|---|
| ★ BIO 400: Topics in Neuroscience OR KIN 400: Topics in Neuroscience OR PSY 400: Topics in Neuroscience OR SHS 400: Topics in Neuroscience | 3 | |
| ★ Complete 2 courses: Upper Division Track Electives | 6 | C |
| Complete 2 courses: Elective | 6 | |
| Term hours subtotal: | 15 | |

- Students will complete a minimum of 17 credit hours in any combination of upper-division track courses.
- Gather **professional references**
- Apply to graduate and post-baccalaureate programs.
- Research **employment opportunities**.
- Meet with your advisor to verify remaining degree requirements have been met prior to Term 8

| Term 8 106 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|---|---|---|
| ★ Complete 2 courses: Upper Division Track Electives | 5 | C |
| Complete 3 courses: | | |

- Students will complete a minimum of 17 credit hours in any combination of upper-division track courses.

Elective

9

Term hours subtotal: 14

- Complete an in person or virtual **practice interview**.
- Students not moving on to graduate work may wish to apply for **full-time career opportunities**.

- The BS in neuroscience is currently available only as a concurrent degree to ASU students pursuing other majors. It cannot be taken a a stand-alone degree. For more information on how to add this major as a concurrent degree program, students should contact an academic advisor in their major, the Department of Psychology or the School of Life Sciences.
- Upper-division Track Courses may have additional prerequisites. Students are encouraged to plan ahead and complete any prerequisites as electives.
- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

| | | |
|---|---|---|
| Behavioral Neuroscience | Sensormotor Control and Physical Rehabilitation | Cognitive Behavioral Neuroscience |
| BIO 331: Animal Behavior | KIN 345: Motor and Developmental Learning | SHS 310: Anatomical and Physiological Bases of Speech |
| PSY 320: Learning and Motivation | KIN 421: Human Motor Control (L) | SHS 311: Hearing Science |
| PSY 420: Analysis of Behavior (L) | KIN 422: Motor Control in Special Populations (L) | SHS 367: Language Science (SB) |
| PSY 470: Psychopharmacology | KIN 423: Motor Control and Aging (L) | SHS 375: Speech Science |
| PSY 498: Behavioral Neuroendocrinology | | SHS 465: Speech and Language Acquisition (SB) |
| PSY 498: Neurobiology Learning and Memory | | SHS 485: Acquired Speech and Language Disorders |
| Brain Mind and Behavior | | |
| PSY 320: Learning and Motivation | | |
| PSY 324: Memory and Cognition | | |
| PSY 498: Computational Cognitive Neuroscience | | |

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.

2020 - 2021 Major Map



Philosophy, BA



School/College: [The College of Liberal Arts and Sciences](#)



Location: [Tempe campus](#)

LAPHIBA

Accelerated options for this program are not currently available to ASU Online students.

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  PHI Elective | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • ASU Language Placement and Testing: Only true beginners are eligible for 101-level second language courses. All other students are required to take a placement exam, regardless of prior credit earned, to verify the course level is appropriate. Students already proficient in a second language may take a proficiency exam. • Select your Career Interest Communities and play me3@ASU. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Elective | 2 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • Join a student club or professional organization. • If interested in law school, review the Pre-Law at ASU website. |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 14 | | |

| Term 3 30 - 44 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | <ul style="list-style-type: none"> • Choosing a Social-Behavioral Sciences (SB) course that also fulfills Global Awareness (G) is recommended if G requirement has not already been satisfied through other coursework. • Explore opportunities to study abroad. |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Elective | 3 | | |
|  Complete First-Year Composition requirement. | | | |

🚩 Complete Mathematics (MA) requirement.

Term hours subtotal: 14

| Term 4 44 - 60 Credit Hours Critical course signified by 🚩 | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| 🚩 PHI 103: Principles of Sound Reasoning (L or HU) | 3 | C | <ul style="list-style-type: none"> Choosing a Social-Behavioral Sciences (SB) course that also satisfies the Cultural Diversity (C) requirement is recommended. Visit Career and Professional Development Services and meet with a career advisor for assistance with career planning and networking. If interested in law school, make an appointment with the pre-law advisor. |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ PHI 300: Philosophical Argument and Exposition (L) | 3 | C | <ul style="list-style-type: none"> Some General Studies requirements can overlap with major courses, leaving more room for electives. Consult an academic advisor to select the best courses for your personal plan of study. Choosing a Humanities (HU) course that also satisfies Historical Awareness (H) is recommended if these requirements have not already been satisfied with major courses. Participate in an internship to gain valuable career experience and contacts. For help exploring internship opportunities related to your major, meet with an academic advisor. |
| ★ Upper Division History of Philosophy | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Upper Division Elective OR PHI 484: Internship | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ PHI 333: Symbolic Logic OR PHI 413: Advanced Symbolic Logic | 3 | C | <ul style="list-style-type: none"> Consider participating in an Undergraduate Research Experience through the School of Historical, Philosophical and Religious Studies or a research opportunity in the Humanities Lab. Thinking about graduate school? Consider registering for a grad school test prep course. If planning to attend law school, prepare to take the LSAT. |
| ★ Upper Division History of Philosophy | 3 | C | |
| PHI 313: Probability, Evidence, and Decision OR PHI 314: Philosophy of Science (HU) OR PHI 330: Theory of Knowledge (HU) | 3 | C | |
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ 4** Philosophy Seminar Course | 3 | C | <ul style="list-style-type: none"> Use Handshake to research employment opportunities. Attend career fairs, workshops and related events offered by Career and Professional Development Services. |
| PHI 335: History of Ethics (HU) OR PHI 336: Social and Political Philosophy (HU) OR PHI 337: Ethical Theory (HU) OR PHI 338: Metaethics | 3 | C | |
| Upper Division Elective | 3 | | |
| Complete 2 courses: | 6 | | |
| Elective | | | |

Term hours subtotal: 15

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ PHI 331: Philosophy of Language (HU) OR PHI 332: Metaphysics (HU) OR PHI 334: Philosophy of Mind (HU) | 3 | C | <ul style="list-style-type: none"> • Take advantage of mock interview opportunities and assistance with writing resumes and cover letters. • Apply for full-time career opportunities. |
| ★ 4** Philosophy Seminar Course | 3 | C | |
| Complete 3 courses: Upper Division Elective | 9 | | |
| Term hours subtotal: | 15 | | |

- At least 12 upper-division hours in the major (PHI) must be in courses offered by The College of Liberal Arts and Sciences.
- PHI 420 is a variable topics course that may be taken more than once, so long as the topics are different.

Hide Course List(s)/Track Group(s)

| History of Philosophy | 400-Level (4**) Philosophy Seminar Course |
|---|--|
| PHI 328: History of Ancient Philosophy (HU & H) | PHI 401: Rationalism |
| PHI 329: History of Modern Philosophy (HU & H) | PHI 402: Empiricism (HU) |
| PHI 401: Rationalism | PHI 403: Contemporary Analytic Philosophy (HU) |
| PHI 402: Empiricism (HU) | PHI 405: Moral Psychology |
| PHI 403: Contemporary Analytic Philosophy (HU) | PHI 408: Feminist Ethics (HU) |
| | PHI 413: Advanced Symbolic Logic |
| | PHI 420: Topics in Philosophy |

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.

2020 - 2021 Major Map

Philosophy, BA



School/College: [The College of Liberal Arts and Sciences](#)

Location: [Online](#)



LAPHIBA

Accelerated options for this program are not currently available to ASU Online students.

| Term 1 - A 0 - 6 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ASU 101-UC: The ASU Experience | 1 | | <ul style="list-style-type: none"> An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. ASU 101 or college-specific equivalent First-Year Seminar is required of all first-year students. Select your Career Interest Communities and play me3@ASU. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Elective | 2 | | |
| Term hours subtotal: | 6 | | |




| Term 1 - B 6 - 12 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  PHI Elective | 3 | C | <ul style="list-style-type: none"> Mathematics Placement Assessment score determines placement in mathematics course View ASU Online first-year student registration information here. |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Term hours subtotal: | 6 | | |



| Term 2 - A 12 - 19 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> ASU Language Placement and Testing: Only true beginners are eligible for 101-level second language courses. All other students are required to take a placement exam, regardless of prior credit earned, to verify the course level is appropriate. Students already proficient in a second language may take a proficiency exam. |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Term hours subtotal: | 7 | | |

| Term 2 - B 19 - 26 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | <ul style="list-style-type: none"> If interested in law school, review the Pre-Law at ASU website. |
| Elective | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 7 | | |

| Term 3 - A 26 - 33 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |


| | |
|--|---|
| Computer/Statistics/Quantitative Applications (CS) | 3 |
| Term hours subtotal: | 7 |

| Term 3 - B 33 - 40 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | <ul style="list-style-type: none"> Choosing a Social-Behavioral Sciences (SB) course that also fulfills Global Awareness (G) is recommended if G requirement has not already been satisfied through other coursework. Explore opportunities to study abroad. Online students are eligible and encouraged to participate! |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
|  Complete First-Year Composition requirement. | | | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 7 | | |

| Term 4 - A 40 - 47 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  PHI 103: Principles of Sound Reasoning (L or HU) | 3 | C | <ul style="list-style-type: none"> Explore the Career and Professional Development Services website and arrange a virtual advising session with a career counselor for assistance with career planning and networking. If interested in law school, make a phone appointment with the pre-law advisor. |
| Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 4 - B 47 - 53 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | <ul style="list-style-type: none"> Choosing a Social-Behavioral Sciences (SB) course that also satisfies the Cultural Diversity (C) requirement is recommended. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - A 53 - 59 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|  PHI 300: Philosophical Argument and Exposition (L) | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - B 59 - 66 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| PHI 328: History of Ancient Philosophy (HU & H) OR PHI 329:  History of Modern Philosophy (HU & H) OR PHI 403: Contemporary Analytic Philosophy (HU) | 3 | C | <ul style="list-style-type: none"> Participate in an internship to gain valuable career experience and contacts. For help exploring internship opportunities related to your major, contact an academic advisor. |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 6 - A 66 - 72 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| PHI 328: History of Ancient Philosophy (HU & H) OR PHI 329:  History of Modern Philosophy (HU & H) OR PHI 403: Contemporary Analytic Philosophy (HU) | 3 | C | <ul style="list-style-type: none"> Consider participating in an Undergraduate Research Experience through the School of Historical, Philosophical and Religious Studies. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| | | Minimum | |
|--|--|---------|--|
|--|--|---------|--|

| Term 6 - B 72 - 78 Credit Hours Necessary course signified by ★ | Hours | Grade | Notes |
|--|-------|-------|---|
| PHI 314: Philosophy of Science (HU) OR PHI 330: Theory of Knowledge (HU) | 3 | C | <ul style="list-style-type: none"> If planning on law school, prepare to take the LSAT. |
| Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 7 - A 78 - 84 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ PHI 333: Symbolic Logic | 3 | C | <ul style="list-style-type: none"> Thinking about graduate school? Consider registering for a grad school test prep course. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 84 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ PHI 335: History of Ethics (HU) OR PHI 336: Social and Political Philosophy (HU) OR PHI 337: Ethical Theory (HU) OR PHI 338: Metaethics | 3 | C | <ul style="list-style-type: none"> View career webinars offered by Career and Professional Development Services. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 90 - 96 Credit Hours | Hours | Minimum Grade | Notes |
|---------------------------------|-------|---------------|--|
| Upper Division Elective | 3 | | <ul style="list-style-type: none"> Use Handshake to research employment opportunities. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 96 - 102 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ PHI 332: Metaphysics (HU) OR PHI 334: Philosophy of Mind (HU) | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - A 102 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ PHI 403: Contemporary Analytic Philosophy (HU) OR PHI 420: Topics in Philosophy | 3 | C | <ul style="list-style-type: none"> PHI 420 is a variable topics course that may be taken more than once, so long as the topics are different. |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - B 108 - 114 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| Complete 2 courses: Upper Division Elective | 6 | | <ul style="list-style-type: none"> Take advantage of mock interview opportunities and assistance with writing resumes and cover letters. |
| Term hours subtotal: | 6 | | |

| Term 10 - A 114 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ PHI 403: Contemporary Analytic Philosophy (HU) OR PHI 420: Topics in Philosophy | 3 | C | <ul style="list-style-type: none"> PHI 420 is a variable topics course that may be taken more than once, so long as the topics are different. |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

Term hours subtotal: 6

- Apply for **full-time career opportunities**

- At least 12 upper-division hours in the major (PHI) must be in courses offered by The College of Liberal Arts and Sciences.

[Hide Course List\(s\)/Track Group\(s\)](#)

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.

2020 - 2021 Major Map



Philosophy (Morality, Politics and Law), BA




School/College: [The College of Liberal Arts and Sciences](#)


Location: [Tempe campus](#)

LAPHIMPBA

Accelerated options for this program are not currently available to ASU Online students.

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • ASU Language Placement and Testing: Only true beginners are eligible for 101-level second language courses. All other students are required to take a placement exam, regardless of prior credit earned, to verify the course level is appropriate. Students already proficient in a second language may take a proficiency exam. • Select your Career Interest Communities and play me3@ASU. |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Elective | 2 | | |
| Maintain 2.00 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • If planning to take PHI 333: Symbolic Logic in a later semester, take PHI 103, the prerequisite for PHI 333. • Explore opportunities to study abroad. |
|  PHI 101: Introduction to Philosophy (HU) OR PHI 103: Principles of Sound Reasoning (L or HU) OR PHI 105: Intro to Ethics (HU) | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Maintain 2.00 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 14 | | |

| Term 3 30 - 46 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | <ul style="list-style-type: none"> • Choosing a Social-Behavioral Sciences (SB) course that also satisfies the Cultural Diversity (C) requirement is recommended. • If interested in law school, review the Pre-Law at ASU website. |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |

| | |
|--|----|
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 |
| | |
| Complete 2 courses: | |
| Elective | 6 |
| | |
| ❗ Complete Mathematics (MA) requirement. | |
| | |
| Complete First-Year Composition requirement. | |
| | |
| Maintain 2.00 GPA in Critical Tracking Courses. | |
| | |
| Term hours subtotal: | 16 |

- Join a **student club** or professional organization.

| Term 4 46 - 60 Credit Hours Critical course signified by ❗ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | <ul style="list-style-type: none"> • If interested in law school, make an appointment with the pre-law advisor. • Visit Career and Professional Development Services and meet with a career advisor for assistance with career planning and networking. |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Complete 2 courses: | | | |
| Elective | 6 | | |
| | | | |
| ❗ Maintain 2.00 GPA in Critical Tracking Courses. | | | |
| | | | |
| Term hours subtotal: | 14 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ PHI 300: Philosophical Argument and Exposition (L) | 3 | C | <ul style="list-style-type: none"> • Please see "Politics" course list below. • Participate in an internship to gain valuable career experience and contacts. For help exploring internship opportunities related to your major, meet with an academic advisor. |
| ★ PHI 328: History of Ancient Philosophy (HU & H) OR PHI 329: History of Modern Philosophy (HU & H) | 3 | C | |
| Politics Course | 3 | C | |
| Upper Division Elective | 3 | | |
| Elective OR PHI 484: Internship | 3 | | |
| | | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ PHI 335: History of Ethics (HU) OR PHI 337: Ethical Theory (HU) | 3 | C | <ul style="list-style-type: none"> • Consider participating in an Undergraduate Research Experience through the School of Historical, Philosophical and Religious Studies or a research opportunity in the Humanities Lab. • If planning on law school, prepare to take the LSAT. • Thinking about graduate school? Consider registering for a grad school test prep course. |
| ★ Upper Division Epistemology, Metaphysics, or Logic Course | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| | | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ PHI 307: Philosophy of Law (HU) OR PHI 347: Philosophical Theories of Constitutional Law | 3 | C | <ul style="list-style-type: none"> • Please see "Ethics" course list below. • Use Handshake to research employment opportunities. • Attend career fairs, workshops and related events offered by Career and Professional Development Services. |
| ★ 4** Philosophy Seminar Course | 3 | C | |
| Upper Division Ethics Course | 3 | C | |
| Complete 2 courses: | | | |
| Upper Division Elective | 6 | | |
| | | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ 4** Philosophy Seminar Course | 3 | C | <ul style="list-style-type: none"> • Please see "Law" course list below. • Take advantage of mock interview opportunities and assistance with writing resumes and cover letters. • Apply for full-time career opportunities |
| ★ Upper Division Law Course | 3 | C | |
| Complete 2 courses: | | | |
| Upper Division Elective | 6 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

- PHI 420 is a variable topics course that may be taken more than once, so long as the topics are different.

Hide Course List(s)/Track Group(s)

| Epistemology Metaphysics or Logic | Ethics | Law |
|--|--|---|
| PHI 330: Theory of Knowledge (HU) | PHI 306: Applied Ethics (HU) | HST 321: Constitutional History/US to 1865 (SB & H) |
| PHI 331: Philosophy of Language (HU) | PHI 310: Environmental Ethics (HU) | HST 322: Constitutional History of the United States Since 1865 (H) |
| PHI 332: Metaphysics (HU) | PHI 320: Bioethics (HU) | HST 323: Historical Studies in Race Crime and the Law |
| PHI 333: Symbolic Logic | PHI 335: History of Ethics (HU) | JUS 303: Justice Theory (L) |
| PHI 334: Philosophy of Mind (HU) | PHI 337: Ethical Theory (HU) | JUS 308: Courts and Society |
| | PHI 338: Metaethics | JUS 360: Law and Social Control (SB) |
| | PHI 370: Sports Ethics (HU) | JUS 410: Punishment: Logic and Approach |
| | PHI 405: Moral Psychology | JUS 463: Discretionary Justice (SB) |
| | PHI 408: Feminist Ethics (HU) | JUS 465: Death Penalty in the United States (L) |
| | REL 381: Religion and Moral Issues (L or HU) | PHI 307: Philosophy of Law (HU) |
| | | PHI 347: Philosophical Theories of Constitutional Law |
| | | POS 370: Law and Society (SB) |
| | | POS 465: International Organization and Law (SB & G) |
| | | POS 470: Law and the Political Order (SB) |
| | | POS 471: Constitutional Law I (SB) |
| | | POS 472: Constitutional Law II (SB) |
| Politics | 400-Level (4**) Philosophy Seminar Course | |
| HST 315: Political History of the U. S. (SB & H) | PHI 401: Rationalism | |
| | PHI 402: Empiricism (HU) | |

| | |
|--|--|
| HST 317: History of Postwar U.S. Conservatism or POS 317: History of Postwar U.S. Conservatism | PHI 403: Contemporary Analytic Philosophy (HU) |
| HST 414: Political History and Leadership or POS 414: Political History and Leadership | PHI 405: Moral Psychology |
| PHI 336: Social and Political Philosophy (HU) | PHI 408: Feminist Ethics (HU) |
| POS 210: Political Ideologies (SB) | PHI 413: Advanced Symbolic Logic |
| POS 340: History of Political Philosophy I (HU & H) | PHI 420: Topics in Philosophy |
| POS 341: History of Political Philosophy II (HU & H) | |
| POS 346: Problems of Democracy (HU) | |
| POS 368: Ethics and Human Rights | |
| POS 442: American Political Thought (HU) | |
| REL 319: Religion Violence and America | |
| REL 378: Religion War and Peace (L) | |
| REL 388: Religion Ethics and International Politics | |

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.
- At least 12 upper-division hours in the major must be in courses offered by The College of Liberal Arts and Sciences.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.

2020 - 2021 Major Map



Philosophy (Morality, Politics and Law), BA

School/College: [The College of Liberal Arts and Sciences](#)



Location: [Online](#)



LAPHIMPBA

Accelerated options for this program are not currently available to ASU Online students.

| Term 1 - A 0 - 6 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. Select your Career Interest Communities and play me3@ASU. |
| ASU 101-UC: The ASU Experience | 1 | | |
| Elective | 2 | | |
| Maintain 2.00 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 6 | | |

| Term 1 - B 6 - 12 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| MAT 142: College Mathematics (MA) | 3 | C | <ul style="list-style-type: none"> Mathematics Placement Assessment score determines placement in mathematics course. Taking a Social-Behavioral Sciences (SB) course that also satisfies Global Awareness (G) is suggested. View ASU Online first-year student registration information here. |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 2 - A 12 - 19 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|  ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Maintain 2.00 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 7 | | |

| Term 2 - B 19 - 26 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  PHI 101: Introduction to Philosophy (HU) OR PHI 103: Principles of Sound Reasoning (L or HU) OR PHI 105: Intro to Ethics (HU) | 3 | C | <ul style="list-style-type: none"> If planning to take PHI 333: Symbolic Logic in a later semester, take PHI 103, the prerequisite for PHI 333. ASU Language Placement and Testing: Only true beginners are eligible for 101-level second language courses. All other students are required to take a placement exam, regardless of prior credit earned, to verify the |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Maintain 2.00 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 7 | | |

course level is appropriate. Students already proficient in a second language may take a proficiency exam.

- If interested in law school, review the [Pre-Law at ASU](#) website.

| Term 3 - A 26 - 33 Credit Hours | Hours | Minimum Grade | Notes |
|---------------------------------|-------|---------------|-------|
|---------------------------------|-------|---------------|-------|

Second Language: Requirement satisfied through the following:

* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.


Elective

4

C

3


Term hours subtotal: 7

| Term 3 - B 33 - 40 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

Second Language: Requirement satisfied through the following:

* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.

Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)

 Complete Mathematics (MA) requirement.

Complete First-Year Composition requirement.

4

C

3

Term hours subtotal: 7

- Choosing a Social-Behavioral Sciences (SB) course that also satisfies the Cultural Diversity (C) requirement is recommended.
- Explore opportunities to **study abroad**. Online students are eligible and encouraged to participate!

| Term 4 - A 40 - 47 Credit Hours | Hours | Minimum Grade | Notes |
|---------------------------------|-------|---------------|-------|
|---------------------------------|-------|---------------|-------|

Second Language: Requirement satisfied through the following:

* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.

Computer/Statistics/Quantitative Applications (CS)

4

C

3

Term hours subtotal: 7

- Explore the **Career and Professional Development Services** website and arrange a **virtual advising** session with a career counselor for assistance with career planning and networking.
- If interested in law school, **make a phone appointment** with the pre-law advisor.

| Term 4 - B 47 - 54 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

Literacy and Critical Inquiry (L)

3

Natural Science - General (SG) OR Natural Science - Quantitative (SQ)

4

 Maintain 2.00 GPA in Critical Tracking Courses.

Term hours subtotal: 7

| Term 5 - A 54 - 60 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

 **PHI 300: Philosophical Argument and Exposition (L)**


3

C

Elective

3

Term hours subtotal: 6

| Term 5 - B 60 - 66 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

 **PHI 328: History of Ancient Philosophy (HU & H) OR PHI 329: History of Modern Philosophy (HU & H)**

3

C

Elective

3

Term hours subtotal: 6

- Consider participating in an [Undergraduate Research Experience](#) through the School of Historical, Philosophical and Religious Studies.

| Term 6 - A 66 - 72 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ PHI 335: History of Ethics (HU) OR PHI 337: Ethical Theory (HU) | 3 | C | • Participate in an internship to gain valuable career experience and contacts. For help exploring internship opportunities related to your major , contact an academic advisor. |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 72 - 78 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ PHI 330: Theory of Knowledge (HU) OR PHI 332: Metaphysics (HU) OR PHI 333: Symbolic Logic OR PHI 334: Philosophy of Mind (HU) | 3 | C | • If planning on law school, prepare to take the LSAT . |
| Upper Division Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 7 - A 78 - 84 Credit Hours | Hours | Minimum Grade | Notes |
|---------------------------------|-------|---------------|---|
| Politics Course | 3 | C | • Please see "Politics" course list below. • Thinking about graduate school? Consider registering for a grad school test prep course . |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 84 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ PHI 307: Philosophy of Law (HU) OR PHI 347: Philosophical Theories of Constitutional Law | 3 | C | • View career webinars offered by Career and Professional Development Services. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 90 - 96 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ PHI 403: Contemporary Analytic Philosophy (HU) OR PHI 420: Topics in Philosophy | 3 | C | • PHI 420 is a variable topics course that may be taken more than once, so long as the topics are different. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 96 - 102 Credit Hours | Hours | Minimum Grade | Notes |
|----------------------------------|-------|---------------|---------------------------------------|
| Upper Division Law Course | 3 | C | • Please see "Law" course list below. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - A 102 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ Upper Division Ethics Course | 3 | C | • Please see "Ethics" course list below. • Use Handshake to research employment opportunities. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - B 108 - 114 Credit Hours | Hours | Minimum Grade | Notes |
|-----------------------------------|-------|---------------|-------|
|-----------------------------------|-------|---------------|-------|

Complete 2 courses:
Upper Division Elective

6

- Take advantage of mock interview opportunities and assistance with writing resumes and cover letters.

Term hours subtotal: 6

| Term 10 - A 114 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

★ PHI 403: Contemporary Analytic Philosophy (HU) OR PHI 420: Topics in Philosophy

3

C

- PHI 420 is a variable topics course that may be taken more than once, so long as the topics are different.
- Apply for full-time career opportunities.

Upper Division Elective

3

Term hours subtotal: 6

- At least 12 upper-division hours in the major must be in courses offered by The College of Liberal Arts and Sciences.

Hide Course List(s)/Track Group(s)

| Ethics | Law | Politics |
|------------------------------------|---|---|
| PHI 306: Applied Ethics (HU) | JUS 303: Justice Theory (L) | PHI 336: Social and Political Philosophy (HU) |
| PHI 310: Environmental Ethics (HU) | PHI 307: Philosophy of Law (HU) | POS 210: Political Ideologies (SB) |
| PHI 320: Bioethics (HU) | PHI 347: Philosophical Theories of Constitutional Law | POS 340: History of Political Philosophy I (HU & H) |
| PHI 335: History of Ethics (HU) | POS 370: Law and Society (SB) | POS 346: Problems of Democracy (HU) |
| PHI 337: Ethical Theory (HU) | POS 465: International Organization and Law (SB & G) | POS 368: Ethics and Human Rights |
| PHI 338: Metaethics | POS 471: Constitutional Law I (SB) | POS 442: American Political Thought (HU) |
| | POS 472: Constitutional Law II (SB) | |

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map






Physics, BA





School/College: The College of Liberal Arts and Sciences

Location: Tempe campus

LAPHYBA

| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  MAT 270: Calculus with Analytic Geometry I (MA) OR MAT 265: Calculus for Engineers I (MA) | 3-4 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • CHM 114 may be taken in place of CHM 113. • Select your career interest communities and play me3@ASU. |
| CHM 113: General Chemistry I (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
|  Maintain 2.00 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 14-15 | | |

| Term 2 14 - 28 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  MAT 271: Calculus with Analytic Geometry II (MA) OR MAT 266: Calculus for Engineers II (MA) | 3-4 | C | <ul style="list-style-type: none"> • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. • Join a student club or professional organization. |
|  PHY 150: Physics I (SQ) OR PHY 121: University Physics I: Mechanics (SQ) AND PHY 122: University Physics Laboratory I (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Maintain 2.00 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 14-15 | | |

| Term 3 28 - 42 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  MAT 272: Calculus with Analytic Geometry III (MA) OR MAT 267: Calculus for Engineers III (MA) | 3-4 | C | |
|  PHY 151: Physics II (SQ) OR PHY 131: University Physics II: Electricity and Magnetism (SQ) AND PHY 132: University Physics Laboratory II (SQ) | 4 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
|  Maintain 2.00 GPA in Critical Tracking Courses. | | | |
| Complete Mathematics (MA) requirement. | | | |

Term hours subtotal: 14-15

| Term 4 42 - 59 Credit Hours Critical course signified by 🚩 | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| 🚩 PHY 201: Mathematical Methods in Physics I (CS) | 3 | C | <ul style="list-style-type: none"> • Visit Career and Professional Development Services and meet with a career advisor for assistance with career planning and networking. • Complete an in person or virtual practice interview. |
| 🚩 PHY 252: Physics III (SQ) OR PHY 241: University Physics III AND PHY 202: Programming for Physicists | 4 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| 🚩 Maintain 2.00 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | | 17 | |

| Term 5 59 - 75 Credit Hours Necessary course signified by ⭐ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ⭐ PHY 302: Mathematical Methods in Physics II | 3 | C | |
| ⭐ PHY 310: Classical Particles, Fields, and Matter I | 3 | C | |
| ⭐ PHY 314: Quantum Physics I | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | | 16 | |

| Term 6 75 - 90 Credit Hours Necessary course signified by ⭐ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ⭐ PHY 311: Classical Particles, Fields, and Matter II | 3 | C | <ul style="list-style-type: none"> • Courses other than those in the track list below must be approved by the academic advisor in Physics. • Use Handshake to research employment opportunities. |
| Upper Division Physics Elective | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| ⭐ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | | 15 | |

| Term 7 90 - 105 Credit Hours Necessary course signified by ⭐ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ⭐ Upper Division Physics Elective | 3 | C | <ul style="list-style-type: none"> • Courses other than those in the track list below must be approved by the academic advisor in Physics. • Meet with your academic advisor for final degree check before registering for final semester. • Develop your professional online presence |
| Complete 4 courses: Upper Division Elective | 12 | | |
| Term hours subtotal: | | 15 | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ⭐ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ⭐ Upper Division Literacy and Critical Inquiry (L) | 3 | | <ul style="list-style-type: none"> • Apply for graduation through My ASU. |

| | |
|--|----|
| Complete 2 courses: Upper Division Elective | 6 |
| Complete 2 courses: Elective | 6 |
| Term hours subtotal: | 15 |

- Apply for full-time career opportunities.

Hide Course List(s)/Track Group(s)

| |
|---|
| Upper Division Physics Elective |
| PHY 315: Quantum Physics II |
| PHY 333: Electronic Circuits and Measurements |
| PHY 334: Advanced Laboratory I (L) |
| PHY 361: Introductory Modern Physics |
| PHY 462: Particle and Nuclear Physics |
| PHY 480: Methods of Teaching Physics |
| PHY 494: Special Topics |
| PHY 498: Pro-Seminar |

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.

2020 - 2021 Major Map




Physics, BA




School/College: [The College of Liberal Arts and Sciences](#)




Location: [Online](#)

LAPHYBA


| Term 1 - A 0 - 7 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ASU 101-UC: The ASU Experience | 1 | | <ul style="list-style-type: none"> An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses. Mathematics Placement Assessment score determines placement in mathematics course. ASU 101 or college-specific equivalent First-Year Seminar is required for all first-year students. Select your career interest area and play me3@ASU. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 13 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  MAT 265: Calculus for Engineers I (MA) | 3 | C | <ul style="list-style-type: none"> View ASU Online first-year student registration information here. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
|  Maintain 2.00 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 6 | | |

| Term 2 - A 13 - 20 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  MAT 266: Calculus for Engineers II (MA) | 3 | C | <ul style="list-style-type: none"> ASU Language Placement: Only those students with no experience with the language may take the 101-level course. All other students are required to take a language placement exam, regardless of prior credit earned. Join a student club or professional organization. |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
|  Maintain 2.00 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 7 | | |


| Term 2 - B 20 - 28 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|  PHY 121: University Physics I: Mechanics (SQ) AND PHY 122: University Physics Laboratory I (SQ) | 4 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 8 | | |


| Term 3 - A 28 - 35 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|


| | | |
|--|---|---|
|  MAT 267: Calculus for Engineers III (MA) | 3 | C |
| Second Language: Requirement satisfied through the following: | | |
| * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C |
| Term hours subtotal: | 7 | |

- Review the [Career Guide for ASU Online students](#) to learn about available career planning resources.

| Term 3 - B 35 - 43 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|


| | | |
|---|---|---|
|  PHY 131: University Physics II: Electricity and Magnetism (SQ) AND PHY 132: University Physics Laboratory II (SQ) | 4 | C |
| Second Language: Requirement satisfied through the following: | | |
| * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 8 | |

| Term 4 - A 43 - 50 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|


| | | |
|---|---|---|
|  PHY 241: University Physics III AND PHY 202: Programming for Physicists | 4 | C |
| Literacy and Critical Inquiry (L) | 3 | |
| Term hours subtotal: | 7 | |

- Register for a [Handshake](#) account and participate in [virtual career advising](#).

| Term 4 - B 50 - 59 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|---|---|---|
|  PHY 201: Mathematical Methods in Physics I (CS) | 3 | C |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | |
| Elective | 3 | |
| Term hours subtotal: | 9 | |

| Term 5 - A 59 - 68 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | |
|---|---|---|
|  PHY 302: Mathematical Methods in Physics II | 3 | C |
| Social-Behavioral Sciences (SB) | 3 | |
| Elective | 3 | |
| Term hours subtotal: | 9 | |

- Complete an in person or virtual [practice interview](#).

| Term 5 - B 68 - 74 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | |
|--|---|---|
|  PHY 314: Quantum Physics I | 3 | C |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | |
| Term hours subtotal: | 6 | |

| Term 6 - A 74 - 81 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | |
|--|---|---|
|  PHY 310: Classical Particles, Fields, and Matter I | 3 | C |
| CHM 113: General Chemistry I (SQ) | 4 | C |
| Term hours subtotal: | 7 | |

- Develop your [professional online presence](#)
- CHM 114 may be taken in place of CHM 113

| Term 6 - B 81 - 90 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | |
|---|---|---|
|  PHY 311: Classical Particles, Fields, and Matter II | 3 | C |
|---|---|---|

| | |
|--|---|
| ★ Upper Division Literacy and Critical Inquiry (L) (PHY 334 recommended) | 3 |
| Upper Division Elective | 3 |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | |
| Term hours subtotal: | 9 |

| Term 7 - A 90 - 99 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ Upper Division Physics Elective | 3 | C | |
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 7 - B 99 - 105 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | • Apply for full-time career opportunities. |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 105 - 111 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ Upper Division Physics Elective | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 111 - 120 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| Complete 3 courses: Upper Division Elective | 9 | | |
| Term hours subtotal: | 9 | | |

Hide Course List(s)/Track Group(s)

- Physics Upper Division Electives
- PHY 333: Electronic Circuits and Measurements
- PHY 334: Advanced Laboratory I (L)
- PHY 361: Introductory Modern Physics

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map






Physics, BS





School/College: The College of Liberal Arts and Sciences




Location: Tempe campus


LAPHYBS

| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  MAT 270: Calculus with Analytic Geometry I (MA) | 4 | C | <ul style="list-style-type: none"> An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. Mathematics Placement Assessment score determines placement in mathematics course. ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. Select your career interest area and play me3@ASU. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
|  Maintain 2.50 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  MAT 271: Calculus with Analytic Geometry II (MA) | 4 | C | <ul style="list-style-type: none"> PHY 121/122 and 131/132 may be used in place of PHY 150 and 151. Join a student club or professional organization |
|  PHY 150: Physics I (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Elective | 2 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Maintain 2.50 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 16 | | |






| Term 3 30 - 47 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  MAT 272: Calculus with Analytic Geometry III (MA) | 4 | C | <ul style="list-style-type: none"> PHY 121/122 and 131/132 may be used in place of PHY 150 and 151. Meet with your academic advisor to discuss summer internship and/or Research Opportunities for Undergraduates (REU). |
|  PHY 151: Physics II (SQ) | 4 | C | |
| Science and Society Elective | 3 | C | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Elective | 3 | | |
|  Maintain 2.50 GPA in Critical Tracking Courses. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 17 | | |



| Term 4 47 - 63 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  PHY 201: Mathematical Methods in Physics I (CS) | 3 | C | <ul style="list-style-type: none"> Activate your Handshake account and build out your profile. |
|  PHY 252: Physics III (SQ) | 4 | C | |

| | |
|---|----|
| Literacy and Critical Inquiry (L) | 3 |
| | |
| Complete 2 courses: | |
| Elective | 6 |
| | |
|  Maintain 2.50 GPA in Critical Tracking Courses. | |
| | |
| Term hours subtotal: | 16 |

- Create a first draft resume

| Term 5 63 - 78 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  PHY 302: Mathematical Methods in Physics II | 3 | C | |
|  PHY 310: Classical Particles, Fields, and Matter I | 3 | C | |
|  PHY 314: Quantum Physics I | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  PHY 311: Classical Particles, Fields, and Matter II | 3 | C | <ul style="list-style-type: none"> • Explore graduate programs • Prepare for the physics GRE |
|  PHY 315: Quantum Physics II | 3 | C | |
|  PHY 334: Advanced Laboratory I (L) | 3 | C | |
| Upper Division Science and Society Elective | 3 | C | |
| Upper Division Elective OR PHY 484: Internship | 3 | | |
|  Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  PHY 441: Statistical and Thermal Physics | 3 | C | <ul style="list-style-type: none"> • Develop your professional online presence • Prepare for graduate school |
| PHY 333: Electronic Circuits and Measurements OR PHY 465: Advanced Laboratory II | 3 | C | |
| PHY 412: Classical Particles, Fields, and Matter III OR PHY 416: Quantum Physics III | 3 | C | |
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  PHY Upper Division Elective | 3 | C | |
| Complete 3 courses: | | | |
| Elective | 9 | | |
| Term hours subtotal: | 12 | | |

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must

be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

[Hide Course List\(s\)/Track Group\(s\)](#)

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.















2020 - 2021 Major Map

Physics (Secondary Education), BS

School/College: [The College of Liberal Arts and Sciences](#)

Location: [Tempe campus](#)

LAPHYSEBS

| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes | |
|--|--------------|----------------------|--|--|
|  MAT 270: Calculus with Analytic Geometry I (MA) | 4 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific First-Year Seminar required of all first-year students. • Select your Career Interest Communities and play me3@ASU. | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | C | | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | | |
| Elective | 3 | | | |
|  Maintain 2.50 GPA in Critical Tracking Courses. | | | | |
|  Minimum 2.50 GPA ASU Cumulative. | | | | |
| Term hours subtotal: | 14 | | | |
| Term 2 14 - 29 Credit Hours Critical course signified by  | Hours | Minimum Grade | | Notes |
|  MAT 271: Calculus with Analytic Geometry II (MA) | 4 | C | | <ul style="list-style-type: none"> • PHY 121/122 and 131/132 may be used in place of PHY 150 and 151 • Join a student club or professional organization |
|  PHY 150: Physics I (SQ) | 4 | C | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | | |
| PHY 118: Explorations in Science Teaching | 1 | C | | |
| SPE 222: Orientation to Education of Exceptional Children (SB & C) | 3 | C | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | | |
|  Minimum 2.50 GPA ASU Cumulative. | | | | |
| Term hours subtotal: | 15 | | | |
| Term 3 29 - 45 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes | |
|  MAT 272: Calculus with Analytic Geometry III (MA) | 4 | C | <ul style="list-style-type: none"> • PHY 121/122 and 131/132 may be used in place of PHY 150 and 151 • Activate your Handshake account and build out your profile. | |
|  PHY 151: Physics II (SQ) | 4 | C | | |
| Science and Society Elective | 3 | C | | |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) (GCU 113 recommended) | 3 | | | |
| Elective | 2 | | | |
|  Complete First-Year Composition requirement. | | | | |
|  Minimum 2.50 GPA ASU Cumulative. | | | | |
| Complete Mathematics (MA) requirement. | | | | |
| Term hours subtotal: | 16 | | | |
| | | Minimum | | |

| Term 4 45 - 61 Credit Hours Critical course signified by ⚠ | Hours | Grade | Notes |
|--|-------|-------|--|
| ⚠ PHY 201: Mathematical Methods in Physics I (CS) | 3 | C | <ul style="list-style-type: none"> • Must complete at least 60 credits including foundational coursework, and have a minimum 2.50 cumulative GPA to progress into the Teachers College program. • Apply for Identity Verified Print (IVP) DPS fingerprint card. |
| ⚠ PHY 252: Physics III (SQ) | 4 | C | |
| ⚠ PHY 333: Electronic Circuits and Measurements | 3 | C | |
| EDP 313: Childhood and Adolescence (SB) OR TEL 315: Child and Adolescent Development (L or SB) | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| ⚠ Minimum 2.50 GPA ASU Cumulative. | | | |
| Milestone: Submit Identity Verified Print (IVP) DPS fingerprint clearance card. | | | |
| Term hours subtotal: | 16 | | |

| Term 5 61 - 76 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ PHY 302: Mathematical Methods in Physics II | 3 | C | <ul style="list-style-type: none"> • Submit 'Intent to Progress' with IVP FPC by October 1. After submission of forms, attend mandatory Teachers College Orientation. |
| ★ PHY 310: Classical Particles, Fields, and Matter I | 3 | C | |
| ★ PHY 314: Quantum Physics I | 3 | C | |
| ★ PHY 334: Advanced Laboratory I (L) | 3 | C | |
| Upper Division Science and Society Elective | 3 | C | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| Milestone: Complete online Intent to Progress form (meet with advisor). | | | |
| Term hours subtotal: | 15 | | |

| Term 6 76 - 92 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ BLE 407: SEI for Secondary Students (L) | 3 | C | <ul style="list-style-type: none"> • During your clinical experiences, you will work alongside an intern mentor teacher in a 6-12th grade classroom. Reliable transportation is required to get to school sites in terms 6-8. • Complete an in person or virtual practice interview |
| ★ PHY 311: Classical Particles, Fields, and Matter II | 3 | C | |
| ★ PHY 315: Quantum Physics II | 3 | C | |
| ★ PHY 480: Methods of Teaching Physics | 3 | C | |
| ★ SED 398: Clinical Experience | 1 | C | |
| TEL 311: Instruction and Management in the Inclusive Classroom | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 7 92 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ PHY 412: Classical Particles, Fields, and Matter III | 3 | C | <ul style="list-style-type: none"> • Register for the NES exam for secondary professional knowledge (NES). Needed for certification in Arizona. • All degree requirements must be completed prior to student teaching. • Develop your professional online presence. |
| ★ PHY 441: Statistical and Thermal Physics | 3 | C | |
| ★ RDG 323: Literacy Processes in Content Areas | 3 | C | |
| ★ SED 322: Classroom Leadership in Secondary Schools (L) | 3 | C | |
| ★ SED 496: Clinical Experience III | 1 | C | |
| ★ SPE 417: Inclusion Practices at the Secondary Level | 3 | C | |

★ Minimum 2.50 GPA ASU Cumulative.

Term hours subtotal: 16

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ SED 478: Student Teaching: Secondary Education (Grades 6-12) | 12 | C | <ul style="list-style-type: none"> Only one course will be approved to take concurrently with student teaching residency. |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | | 12 | |

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

- General Studies Core Requirements:
- Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - Computer/Statistics/Quantitative Applications (CS)
 - Humanities, Arts and Design (HU)
 - Social-Behavioral Sciences (SB)
 - Natural Science - Quantitative (SQ)
 - Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map




Political Science, BA





School/College: [The College of Liberal Arts and Sciences](#)

Location: [Tempe campus](#)

LAPOSBA

| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  POS 110: American Government and Politics (SB) OR POS 150: Comparative Government (SB & G) or POS 160: Global Politics (SB & G) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement into a mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required for all first-year students. • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. • Activate your Handshake account and build out your profile. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  POS 110: American Government and Politics (SB) OR POS 150: Comparative Government (SB & G) or POS 160: Global Politics (SB & G) | 3 | C | <ul style="list-style-type: none"> • Join a student club or professional organization. • Related Area Courses: Any course from the subjects in the list below will apply to the Related Area requirement. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Related Area Course | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 44 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  POS 210: Political Ideologies (SB) | 3 | C | <ul style="list-style-type: none"> • Develop your career skills. |
| POS Elective | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
|  Complete First-Year Composition requirement. | | | |
|  Complete Mathematics (MA) requirement. | | | |

Term hours subtotal: 14

| Term 4 44 - 60 Credit Hours Critical course signified by 🚩 | Hours | Minimum Grade | Notes |
|--|-------|---------------|----------------------------------|
| 🚩 Computer/Statistics/Quantitative Applications (CS) | 3 | | • Explore an internship . |
| POS Elective | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ POS 301: Empirical Political Inquiry (SB) | 3 | C | • Thinking about graduate school? Consider registering for a grad school test prep course . |
| Related Area Course | 3 | C | |
| POS Upper Division Elective | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Elective | 2 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ POS Upper Division Elective | 3 | C | • A study abroad experience enhances cross-cultural awareness and may expand career opportunities. • Complete an in person or virtual practice interview . |
| Complete 2 courses: Related Area Course | 6 | C | |
| Complete 2 courses: Upper Division Elective | 6 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ POS Upper Division Elective | 3 | C | • Get professional references . |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Complete 3 courses: Upper Division Elective | 9 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ POS Upper Division Elective | 3 | C | • Apply for full-time career opportunities |
| Complete 4 courses: Upper Division Elective | 12 | | |
| Term hours subtotal: | 15 | | |

- Students must complete 12 credit hours in courses drawn from related areas. Any course beginning with one of the following prefixes may be used.

Hide Course List(s)/Track Group(s)

Related Area Course

AES OR AFR OR AIS OR APA OR ASB OR
 ASM OR COM OR ECN OR FAS OR GCU
 OR GPH OR HST OR JUS OR MIS OR PHI
 OR PSY OR REL OR SGS OR SOC OR TCL
 OR WST Elective

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.








2020 - 2021 Major Map

Political Science, BA

School/College: [The College of Liberal Arts and Sciences](#)

Location: [Online](#)

LAPOSBA

| Term 1 - A 0 - 7 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| <p> POS 110: American Government and Politics (SB) OR POS 150: Comparative Government (SB & G) or POS 160: Global Politics (SB & G)</p> | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific First-Year Seminar is required for all first-year students. |
| ASU 101-UC: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| Term hours subtotal: | 7 | | |
| Term 1 - B 7 - 12 Credit Hours | Hours | Minimum Grade | Notes |
| ENG 101 or ENG 102: First-Year Composition OR | | | <ul style="list-style-type: none"> • View ASU Online first-year student registration information here. • Activate your Handshake account and build out your profile. |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| Elective | 2 | | |
| Term hours subtotal: | 5 | | |
| Term 2 - A 12 - 19 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
| <p>POS 110: American Government and Politics (SB) OR POS 150: Comparative Government (SB & G) or POS 160: Global Politics (SB & G)</p> | 3 | C | <ul style="list-style-type: none"> • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a language placement exam, regardless of prior credit earned. |
| <p>Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV; * French, Italian, German, Spanish and Vietnamese are available online.</p> | 4 | C | |
| Term hours subtotal: | 7 | | |
| Term 2 - B 19 - 26 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
| MAT 142: College Mathematics (MA) | 3 | C | <ul style="list-style-type: none"> • Mathematics Placement Assessment score determines placement in mathematics course. • Join a student club or professional organization. |
| <p>Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV; * French, Italian, German, Spanish and Vietnamese are available online.</p> | 4 | C | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 7 | | |
| Term 3 - A 26 - 33 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  POS 210: Political Ideologies (SB) | 3 | C | <ul style="list-style-type: none"> • Develop your career skills. |

Second Language: Requirement satisfied through the following:

* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV;

* French, Italian, German, Spanish and Vietnamese are available online.

4 C

Term hours subtotal: 7

| Term 3 - B 33 - 40 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

Second Language: Requirement satisfied through the following:

* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV;

* French, Italian, German, Spanish and Vietnamese are available online.

4 C


Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)

3

 Complete First-Year Composition requirement.

 Complete Mathematics (MA) requirement.

Term hours subtotal: 7

| Term 4 - A 40 - 46 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

 POS Elective

3 C

 Computer/Statistics/Quantitative Applications (CS)

3

Term hours subtotal: 6

- View [career webinars](#) and meet with a career counselor to discuss professional goals.
- Explore [an internship](#).

| Term 4 - B 46 - 53 Credit Hours | Hours | Minimum Grade | Notes |
|---------------------------------|-------|---------------|-------|
|---------------------------------|-------|---------------|-------|

Related Area Courses


3 C

Natural Science - Quantitative (SQ)

4

Term hours subtotal: 7

- Related Area Courses: Any course from the subjects in the list below will apply to the Related Area requirement.

| Term 5 - A 53 - 59 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

 POS 301: Empirical Political Inquiry (SB)

3 C

Humanities, Arts and Design (HU) AND Historical Awareness (H)

3

Term hours subtotal: 6

- Thinking about graduate school? Consider registering for a grad school test [prep course](#).

| Term 5 - B 59 - 65 Credit Hours | Hours | Minimum Grade | Notes |
|---------------------------------|-------|---------------|-------|
|---------------------------------|-------|---------------|-------|

Related Area Courses

3 C

Literacy and Critical Inquiry (L)

3

Term hours subtotal: 6

| Term 6 - A 65 - 72 Credit Hours | Hours | Minimum Grade | Notes |
|---------------------------------|-------|---------------|-------|
|---------------------------------|-------|---------------|-------|

POS Elective

3 C

Natural Science - Quantitative (SQ) OR Natural Science - General (SG)

4

Term hours subtotal: 7

- A [study abroad](#) experience enhances cross-cultural awareness and may expand career opportunities.

| Term 6 - B 72 - 78 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | |
|--|---|---|
| Related Area Courses | 3 | C |
| Upper Division Literacy and Critical Inquiry (L) | 3 | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |
| Term hours subtotal: | 6 | |

- Complete an in person or virtual practice interview.

| Term 7 - A 78 - 84 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|-------------------------------|---|---|
| ★ POS Upper Division Elective | 3 | C |
| Upper Division Elective | 3 | |
| Term hours subtotal: | 6 | |

- Gather professional references.

| Term 7 - B 84 - 90 Credit Hours | Hours | Minimum Grade | Notes |
|---------------------------------|-------|---------------|-------|
|---------------------------------|-------|---------------|-------|

| | | |
|--|---|--|
| Complete 2 courses: Upper Division Elective | 6 | |
| Term hours subtotal: | 6 | |

| Term 8 - A 90 - 96 Credit Hours | Hours | Minimum Grade | Notes |
|---------------------------------|-------|---------------|-------|
|---------------------------------|-------|---------------|-------|

| | | |
|-------------------------|---|---|
| Related Area Courses | 3 | C |
| Upper Division Elective | 3 | |
| Term hours subtotal: | 6 | |

| Term 8 - B 96 - 102 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | |
|-------------------------------|---|---|
| ★ POS Upper Division Elective | 3 | C |
| Upper Division Elective | 3 | |
| Term hours subtotal: | 6 | |

- If interested in pursuing additional education, make preparations for graduate or law school.

| Term 9 - A 102 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|-------------------------------|---|---|
| ★ POS Upper Division Elective | 3 | C |
| Upper Division Elective | 3 | |
| Term hours subtotal: | 6 | |

| Term 9 - B 108 - 114 Credit Hours | Hours | Minimum Grade | Notes |
|-----------------------------------|-------|---------------|-------|
|-----------------------------------|-------|---------------|-------|

| | | |
|--|---|--|
| Complete 2 courses: Upper Division Elective | 6 | |
| Term hours subtotal: | 6 | |

- Apply for full-time career opportunities

| Term 10 - A 114 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | |
|-------------------------------|---|---|
| ★ POS Upper Division Elective | 3 | C |
| Upper Division Elective | 3 | |
| Term hours subtotal: | 6 | |

- Students must complete 12 credit hours in courses drawn from related areas. Any course beginning with one of the following prefixes may be used.

Hide Course List(s)/Track Group(s)

Related Area Courses

AFR OR APA OR ASB OR ASM OR COM
OR ECN OR FAS OR GCU OR GPH OR
HST OR JUS OR PHI OR PSY OR REL OR
SGS OR SOC OR WST Elective

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map




Political Science, BS





School/College: The College of Liberal Arts and Sciences

Location: Tempe campus

LAPOSBS

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  POS 110: American Government and Politics (SB) OR POS 150: Comparative Government (SB & G) or POS 160: Global Politics (SB & G) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement into mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required for all first-year students. • Activate your Handshake account and build out your profile. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Related Area Course | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  POS 110: American Government and Politics (SB) OR POS 150: Comparative Government (SB & G) or POS 160: Global Politics (SB & G) | 3 | C | <ul style="list-style-type: none"> • Related Area Courses: Any course from the subjects in the list below will apply to the Related Area requirement. • Join a student club or professional organization. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Related Area Course | 3 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Elective | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 3 31 - 47 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  POS 210: Political Ideologies (SB) | 3 | C | <ul style="list-style-type: none"> • Develop your career skills. |
| Related Area Course | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
|  Complete First-Year Composition requirement. | | | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 47 - 63 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

Complete 2 courses:

| | | |
|---|----|---|
| POS Elective | 6 | C |
| Literacy and Critical Inquiry (L) | 3 | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | |
| Elective | 3 | |
| ♦ Complete Natural Science - Quantitative (SQ) course. | | |
| Term hours subtotal: | 16 | |

- Explore an **internship**.

| Term 5 63 - 78 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ POS 301: Empirical Political Inquiry (SB) | 3 | C | • Thinking about graduate school? Consider registering for a grad school test prep course . |
| POS Upper Division Elective | 3 | C | |
| Related Area Course | 3 | C | |
| Science and Society Elective | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ POS 401: Political Statistics (CS) | 3 | C | • A study abroad experience enhances cross-cultural awareness and may expand career opportunities. • Complete an in person or virtual practice interview . |
| Complete 2 courses: | | | |
| POS Upper Division Elective | 6 | C | |
| Upper Division Science and Society Elective | 3 | C | |
| Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ POS Upper Division Elective | 3 | C | • Gather professional references . |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Complete 3 courses: | | | |
| Upper Division Elective | 9 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ POS Upper Division Elective | 3 | C | • Apply for full-time career opportunities |
| Complete 3 courses: | | | |
| Upper Division Elective | 9 | | |
| Term hours subtotal: | 12 | | |

- Students must complete 12 credit hours in courses drawn from related areas. Any course beginning with one of the following prefixes may be used.
- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be

upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

Related Area Course

AES OR AFR OR AIS OR APA OR ASB OR
ASM OR COM OR ECN OR FAS OR GCU
OR GPH OR HST OR JUS OR MIS OR PHI
OR PSY OR REL OR SGS OR SOC OR TCL
OR WST Elective

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.










2020 - 2021 Major Map

Political Science, BS

School/College: [The College of Liberal Arts and Sciences](#)

Location: [Online](#)

LAPOSBS

| Term 1 - A 0 - 7 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  POS 110: American Government and Politics (SB) OR POS 150: Comparative Government (SB & G) or POS 160: Global Politics (SB & G) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. |
| ASU 101-UC: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| Term hours subtotal: | 7 | | |
| Term 1 - B 7 - 13 Credit Hours | Hours | Minimum Grade | Notes |
| MAT 142: College Mathematics (MA) | 3 | C | <ul style="list-style-type: none"> • View ASU Online first-year student registration information here. • Activate your Handshake account and build out your profile. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |
| Term 2 - A 13 - 19 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  POS 110: American Government and Politics (SB) OR POS 150: Comparative Government (SB & G) or POS 160: Global Politics (SB & G) | 3 | C | <ul style="list-style-type: none"> • Join a student club or professional organization. |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| Term hours subtotal: | 6 | | |
| Term 2 - B 19 - 25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Elective | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 6 | | |
| Term 3 - A 25 - 31 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  POS 210: Political Ideologies (SB) | 3 | C | <ul style="list-style-type: none"> • Develop your career skills. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |
| Term 3 - B 31 - 38 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
| POS Elective | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |

◆ Complete First-Year Composition requirement.

◆ Complete Mathematics (MA) requirement.

Term hours subtotal: 7

| Term 4 - A 38 - 44 Credit Hours | Hours | Minimum Grade | Notes |
|---------------------------------|-------|---------------|--------------------------|
| POS Elective | 3 | C | • Explore an internship. |
| Science and Society Elective | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 4 - B 44 - 51 Credit Hours Critical course signified by ◆ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| ◆ Complete Natural Science - Quantitative (SQ) course. | | | |
| Term hours subtotal: | 7 | | |

| Term 5 - A 51 - 57 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ POS 301: Empirical Political Inquiry (SB) | 3 | C | • Thinking about graduate school? Consider registering for a grad school test prep course |
| POS Upper Division Elective | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 5 - B 57 - 63 Credit Hours | Hours | Minimum Grade | Notes |
|-----------------------------------|-------|---------------|-------|
| Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - A 63 - 69 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ POS 401: Political Statistics (CS) | 3 | C | • A study abroad experience enhances cross-cultural awareness and may expand career opportunities |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 69 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| POS Upper Division Elective | 3 | C | • Complete an in person or virtual practice interview. |
| Upper Division Science and Society Elective | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 7 - A 75 - 81 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-----------------------------------|
| ★ POS Upper Division Elective | 3 | C | • Gather professional references. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 81 - 87 Credit Hours | Hours | Minimum Grade | Notes |
|---------------------------------|-------|---------------|-------|
|---------------------------------|-------|---------------|-------|

| | |
|--|---|
| Upper Division Literacy and Critical Inquiry (L) | 3 |
| Upper Division Elective | 3 |
| Term hours subtotal: | 6 |

| Term 8 - A 87 - 93 Credit Hours | Hours | Minimum Grade | Notes |
|---------------------------------|-------|---------------|-------|
| Complete 2 courses: | | | |
| Upper Division Elective | 6 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 93 - 99 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ POS Upper Division Elective | 3 | C | • If interested in pursuing additional education, make preparations for graduate or law school. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - A 99 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ Complete 2 courses: | | | |
| Related Area Courses | 6 | C | |
| Term hours subtotal: | 6 | | |

| Term 9 - B 105 - 111 Credit Hours | Hours | Minimum Grade | Notes |
|-----------------------------------|-------|---------------|--|
| Complete 2 courses: | | | |
| Related Area Courses | 6 | C | • Apply for full-time career opportunities |
| Term hours subtotal: | 6 | | |

| Term 10 - A 111 - 117 Credit Hours | Hours | Minimum Grade | Notes |
|------------------------------------|-------|---------------|-------|
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 10 - B 117 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ POS Upper Division Elective | 3 | C | |
| Term hours subtotal: | 3 | | |

- Students must complete 12 credit hours in courses drawn from related areas. Any course beginning with one of the following prefixes may be used.
- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.
- Students may not use more than six credit hours of POS 484 or POS 499 in the major.

Hide Course List(s)/Track Group(s)

Related Area Courses

AFR OR APA OR ASB OR ASM OR COM
OR ECN OR FAS OR GCU OR GPH OR
HST OR JUS OR PHI OR PSY OR REL OR
SGS OR SOC OR WST Elective

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map




Politics and the Economy, BS




School/College: The College of Liberal Arts and Sciences

Location: Tempe campus

LAPECBS

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  POS 110: American Government and Politics (SB) OR POS 150: Comparative Government (SB & G) or POS 160: Global Politics (SB & G) | 3 | | <ul style="list-style-type: none"> • SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • LIA 101 is required of all first-year students. • Mathematics Placement Assessment score determines placement in mathematics course. • Students placing into MAT 210 or MAT 270 should take one of those courses in term 1. If not, students should select a prerequisite course. Students should not take MAT 142. • Students considering graduate work in economics should choose MAT 270 or prerequisite course. • Students can choose to complete Humanities (HU) and Historical Awareness (H) separately. |
|  Mathematics (MA) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  MAT 210: Brief Calculus (MA) | 3 | C | <ul style="list-style-type: none"> • Students considering graduate work in economics should select MAT 270 instead of MAT 210. • Select your career interest area and play me3@ASU. |
| POS 110: American Government and Politics (SB) OR POS 150: Comparative Government (SB & G) or POS 160: Global Politics (SB & G) | 3 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 48 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB) | 3 | C | <ul style="list-style-type: none"> • Students considering graduate work in economics should select MAT 271 instead of MAT 211. • Visit the Career and Professional Development Center to identify networking opportunities and to seek career planning assistance. |
|  MAT 211: Mathematics for Business Analysis | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Elective | 3 | | |

❖ Complete First-Year Composition requirement.

Complete Mathematics (MA) requirement.

Term hours subtotal: 16

| Term 4 48 - 63 Credit Hours Critical course signified by ❖ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ❖ ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB) | 3 | C | <ul style="list-style-type: none"> • Students can choose to satisfy Humanities (HU) and Cultural Diversity in the U.S. (C) requirements separately. • Attend career related workshops and meet with a career counselor to discuss professional goals. |
| ❖ POS 210: Political Ideologies (SB) | 3 | C | |
| Science and Society Elective | 3 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ ECN 312: Intermediate Microeconomic Theory (SB) | 3 | C | |
| ★ POS 301: Empirical Political Inquiry (SB) | 3 | C | |
| ★ POS 465: International Organization and Law (SB & G) OR POS 485: Political Economy (SB) OR POS 486: International Political Economy (SB & G) | 3 | C | |
| Upper Division Science and Society Elective | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ ECN 313: Intermediate Macroeconomic Theory (SB) | 3 | C | <ul style="list-style-type: none"> • Complete an internship to develop job-related skills and connections. • Use Handshake to research employment opportunities |
| ★ ECN 441: Public Economics (SB) OR ECN 453: Industrial Organization and Competition Policy | 3 | C | |
| ★ POS 465: International Organization and Law (SB & G) OR POS 485: Political Economy (SB) OR POS 486: International Political Economy (SB & G) | 3 | C | |
| ECN 221: Business Statistics (CS) OR POS 401: Political Statistics (CS) | 3 | C | |
| Upper Division Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ ECN 441: Public Economics (SB) OR ECN 453: Industrial Organization and Competition Policy | 3 | C | <ul style="list-style-type: none"> • Thinking about graduate school? Consider registering for a grad school test prep course. |
| ★ POS 465: International Organization and Law (SB & G) OR POS 485: Political Economy (SB) OR POS 486: International Political Economy (SB & G) | 3 | C | |
| Upper Division Elective OR POS 484: Internship OR ECN 484: Internship | 3 | | |
| Complete 2 courses: Elective | 6 | | |

Term hours subtotal: 15

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ ECN 475: Capstone in Economics (L) or POS 348: Do You Want to Build a Nation? (L) | 3 | C | • Apply for full-time career opportunities |
| <i>Complete 3 courses:</i> Upper Division Elective | 9 | | |
| Term hours subtotal: | | 12 | |

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.






2020 - 2021 Major Map



Psychology, BA



School/College: The College of Liberal Arts and Sciences

Location: Tempe campus



LAPGSBA



| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into First-Year Composition courses • Mathematics Placement Assessment score determines placement in mathematics course. The decision between MAT 119 and MAT 170 should be determined based on academic and career goals. Consult with your academic advisor for more information. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. LIA 101 offered by The College of Liberal Arts and Sciences satisfies this requirement. • Select your career interest area and play me3@ASU. • Join a student club or professional organization. |
|  LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
|  MAT 119: Finite Mathematics (MA) OR MAT 170: Precalculus (MA) | 3 | C | |
|  PSY 101: Introduction to Psychology (SB) | 3 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Elective | 1 | | |
| Term hours subtotal: | 14 | | |




| Term 2 14 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • Foundation of Behavior: Before graduation, students must complete at least 12 credit hours of coursework from disciplines related to psychology. Select courses from: ASB, ASM, BIO, GCU, HPS, PHI, SOC. • Secure a part-time job or volunteer experience. |
| Foundations of Behavior | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |



| Term 3 30 - 46 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  PSY 230: Introduction to Statistics (CS) | 3 | C | <ul style="list-style-type: none"> • Languages offered • ASU Language Placement and Testing: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. • Explore an internship. • Pursue research opportunities. |
| Foundations of Behavior | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Elective | 3 | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |

Term hours subtotal: 16

| Term 4 46 - 60 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  PSY 290: Research Methods (L or SG) | 4 | C | <ul style="list-style-type: none"> • PSY Elective: Before graduation, students must complete 3 additional PSY courses (9 hours). At least 2 courses must be upper-division. No more than 3 credit hours of PSY 394 may be used to fulfill the 9 credit hours of PSY electives. No more than 6 hours (total) from the following course list may be used to fulfill this requirement: PSY 384, PSY 399, PSY 484, PSY 492, PSY 493, PSY 499. |
| PSY Elective | 3 | C | |
| Foundations of Behavior | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Term hours subtotal: | 14 | | |

| Term 5 60 - 77 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  Complete 2 courses: 3** Breadth Within Psychology | 6 | C | <ul style="list-style-type: none"> • Breadth Within Psychology: Before graduation, students must complete 1 course from 4 of the 5 Breadth course lists below (4 courses total): Biological, Personality/Mental Health, Cognitive/Learning, Developmental, or Social. • The College of Liberal Arts and Sciences Psychology Residency Requirement: Before graduation, at least 12 credit hours of upper-division (300 and 400 level) PSY coursework must be completed through courses offered by The College of Liberal Arts and Sciences - Department of Psychology. |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 17 | | |

| Term 6 77 - 90 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  Complete 2 courses: 3** Breadth Within Psychology | 6 | C | <ul style="list-style-type: none"> • Use Handshake to research employment opportunities • Draft a resume • Gather professional references |
| Foundations of Behavior | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
|  Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 13 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  4** Depth Within Psychology | 3 | C | <ul style="list-style-type: none"> • Depth Within Psychology: Students must complete 2 courses from the course list below. NOTE: PSY 498: Pro-Seminar must be offered by The College of Liberal Arts and Sciences -- Department of Psychology. • PSY Upper-Division Elective: Students must complete 3 additional PSY courses (9 hours). At least 2 must be upper-division. No more than 3 credit hours of PSY 394 may be used to fulfill the 9 credit hours of PSY electives. No more than 6 hours (total) from the following course list may be used to fulfill this requirement: PSY |
| PSY Upper Division Elective | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective OR PSY 484: Internship | 3 | | |
| Term hours subtotal: | 15 | | |

384, PSY 399, PSY 484, PSY 492, PSY 493, PSY 499.

- Apply for [graduate school](#).

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ 4** Depth Within Psychology | 3 | C | • Apply for full-time career opportunities . |
| PSY Upper Division Elective | 3 | C | |
| Complete 3 courses: | 9 | | |
| Upper Division Elective | | | |
| Term hours subtotal: | 15 | | |

Hide Course List(s)/Track Group(s)

| | | |
|--|--|---|
| Foundations of Behavior (12 credit hours from the following options) | Biological Breadth | Personality/Mental Health Breadth |
| ASB Elective | PSY 325: Physiological Psychology | PSY 315: Personality Theory and Research (SB) |
| ASM Elective | | PSY 366: Abnormal Psychology (SB) |
| BIO Elective | | |
| GCU Elective | | |
| HPS Elective | | |
| PHI Elective | | |
| SOC Elective | | |
| Cognitive/Learning Breadth | Developmental Breadth | Social Breadth |
| PSY 320: Learning and Motivation | PSY 341: Developmental Psychology (SB) | PSY 350: Social Psychology (SB) |
| PSY 323: Sensation and Perception | | PSY 351: Honors Social Psychology (L or SB) |
| PSY 324: Memory and Cognition | | |
| 400-Level Depth Within Psychology | | |
| PSY 400: Topics in Neuroscience | | |
| PSY 414: History of Psychology (L or SB) | | |
| PSY 420: Analysis of Behavior (L) | | |
| PSY 424: Genetic Psychology (L) | | |
| PSY 425: Biological Bases of Behavior (L) | | |
| PSY 426: Neuroanatomy | | |
| PSY 430: Industrial Psychology | | |
| PSY 432: Embodied Cognition (L) | | |
| PSY 434: Cognitive Psychology (L) | | |
| PSY 437: Human Factors (L) | | |
| PSY 441: Cognitive Development (L or SB) | | |

PSY 443: Abnormal Child Psychology (L or SB)

PSY 444: Adolescent Psychology and Psychopathology

PSY 446: Social Development (L or SB)

PSY 447: Psychology of Aging (SB)

PSY 451: Stereotyping Prejudice and Discrimination (L)

PSY 458: Group Dynamics

PSY 461: Interpersonal Influence (SB)

PSY 462: Health Psychology

PSY 465: Psychology of Stress and Coping

PSY 468: Psychology and Law

PSY 470: Psychopharmacology

PSY 471: Psychological Testing

PSY 472: Clinical Psychology

PSY 498: Pro-Seminar

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.






2020 - 2021 Major Map



Psychology, BS



School/College: The College of Liberal Arts and Sciences



Location: Tempe campus



LAPGSBS




| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into First-Year Composition. • Mathematics Placement Assessment score determines placement in mathematics course. The decision between MAT 119 and MAT 170 should be determined based on academic and career goals. Consult with your academic advisor for more information. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. LIA 101 offered by The College of Liberal Arts and Sciences fulfills this requirement. • Select your Career Interest Communities and play me3@ASU. • Join a student club or professional organization. |
|  LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
|  MAT 119: Finite Mathematics (MA) OR MAT 170: Precalculus (MA) | 3 | C | |
|  PSY 101: Introduction to Psychology (SB) | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Elective | 1 | | |
| Term hours subtotal: | 14 | | |


| Term 2 14 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • Foundation of Behavior: Before graduation, students must complete at least 12 credit hours of coursework from disciplines related to psychology. Select courses from: ASB, ASM, BIO, GCU, HPS, PHI, SOC. • Secure a part-time job or volunteer experience. |
| Foundations of Behavior | 3 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 44 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  PSY 230: Introduction to Statistics (CS) | 3 | C | <ul style="list-style-type: none"> • Explore an internship. • Pursue research opportunities. |
| Foundations of Behavior | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Elective | 4 | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 14 | | |

| Term 4 44 - 60 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  PSY 290: Research Methods (L or SG) | 4 | C | <ul style="list-style-type: none"> • Science and Society: All students pursuing a bachelor of science degree in The College of Liberal Arts and Sciences must complete the two-course Science and Society requirement. A list of all approved courses and the requirement guidelines may be found here. • PSY Elective: Before graduation, students must complete 3 additional PSY elective courses (9 credit hours). At least 2 courses must be upper-division. No more than 3 credit hours of PSY 394 may be used to fulfill the 9 credit hours of PSY electives. No more than 6 hours (total) from the following course list may be used to fulfill this requirement: PSY 384, PSY 399, PSY 484, PSY 492, PSY 493, PSY 499. |
| Foundations of Behavior | 3 | C | |
| Science and Society Elective | 3 | C | |
| PSY Elective | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  Complete 2 courses: 3** Breadth Within Psychology | 6 | C | <ul style="list-style-type: none"> • Breadth Within Psychology: Before graduation, students must complete 1 course from 4 of the 5 Breadth course lists below (4 courses total): Biological, Personality/Mental Health, Cognitive/Learning, Developmental, or Social. • The College of Liberal Arts and Sciences Psychology Residency Requirement: Before graduation, at least 12 credit hours of upper-division (300 and 400 level) PSY coursework must be completed through courses offered by The College of Liberal Arts and Sciences - Department of Psychology. |
| Upper Division Science and Society Elective | 3 | C | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  Complete 2 courses: 3** Breadth Within Psychology | 6 | C | <ul style="list-style-type: none"> • Use Handshake to research employment opportunities • Draft a resume • Gather professional references • PSY Upper Division Elective: Before graduation, students must complete 3 additional PSY courses (9 credit hours). At least 2 courses must be upper-division. No more than 3 credit hours of PSY 394 may be used to fulfill the 9 credit hours of PSY electives. No more than 6 hours (total) from the following course list may be used to fulfill this requirement: PSY 384, PSY 399, PSY 484, PSY 492, PSY 493, PSY 499. |
| Foundations of Behavior | 3 | C | |
| PSY Upper Division Elective | 3 | C | |
| Elective | 3 | | |
|  Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  4** Depth Within Psychology | 3 | C | <ul style="list-style-type: none"> • Depth Within Psychology: Before graduation, students must complete 2 courses from the course list below. NOTE: PSY 498 |
| PSY Upper Division Elective | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | C | |

| | |
|---|----|
| Upper Division Social-Behavioral Sciences (SB) OR Upper Division Humanities, Arts and Design (HU) | 3 |
| Elective OR PSY 484: Internship | 3 |
| Term hours subtotal: | 15 |

Pro-Seminar must be offered by The College of Liberal Arts and Sciences - Department of Psychology.

- Apply for **graduate** school.

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ 4** Depth Within Psychology | 3 | C | • Apply for full-time career opportunities . |
| Complete 4 courses: | | | |
| Upper Division Elective | 12 | | |
| Term hours subtotal: | 15 | | |

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

| | | |
|--|--|---|
| Foundations of Behavior (12 credit hours from the following options) | Biological Breadth | Personality/Mental Health Breadth |
| ASB Elective | PSY 325: Physiological Psychology | PSY 315: Personality Theory and Research (SB) |
| ASM Elective | | PSY 366: Abnormal Psychology (SB) |
| BIO Elective | | |
| GCU Elective | | |
| HPS Elective | | |
| PHI Elective | | |
| SOC Elective | | |
| Cognitive/Learning Breadth | Developmental Breadth | Social Breadth |
| PSY 320: Learning and Motivation | PSY 341: Developmental Psychology (SB) | PSY 350: Social Psychology (SB) |
| PSY 323: Sensation and Perception | | PSY 351: Honors Social Psychology (L or SB) |
| PSY 324: Memory and Cognition | | |
| 400-Level Depth Within Psychology | | |
| PSY 400: Topics in Neuroscience | | |
| PSY 414: History of Psychology (L or SB) | | |
| PSY 420: Analysis of Behavior (L) | | |
| PSY 424: Genetic Psychology (L) | | |
| PSY 425: Biological Bases of Behavior (L) | | |
| PSY 426: Neuroanatomy | | |
| PSY 430: Industrial Psychology | | |

PSY 432: Embodied Cognition (L)

PSY 434: Cognitive Psychology (L)

PSY 437: Human Factors (L)

PSY 441: Cognitive Development (L or SB)

PSY 443: Abnormal Child Psychology (L or SB)

PSY 444: Adolescent Psychology and Psychopathology

PSY 446: Social Development (L or SB)

PSY 447: Psychology of Aging (SB)

PSY 451: Stereotyping Prejudice and Discrimination (L)

PSY 458: Group Dynamics

PSY 461: Interpersonal Influence (SB)

PSY 462: Health Psychology

PSY 465: Psychology of Stress and Coping

PSY 468: Psychology and Law

PSY 470: Psychopharmacology

PSY 471: Psychological Testing

PSY 472: Clinical Psychology

PSY 498: Pro-Seminar

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)

- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.






2020 - 2021 Major Map



Psychology (Psychological Science), BS



School/College: [The College of Liberal Arts and Sciences](#)



Location: [Tempe campus](#)



LAPGSPSBS

| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into First-Year Composition. • Mathematics Placement Assessment score determines placement in mathematics course. The decision between MAT 119 and MAT 170 should be determined based on academic and career goals. Consult with your academic advisor for more information. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. LIA 101 offered by The College of Liberal Arts and Sciences fulfills this requirement. • Select your Career Interest Communities and play me3@ASU. • Join a student club or professional organization. |
|  LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
|  MAT 119: Finite Mathematics (MA) OR MAT 170: Precalculus (MA) | 3 | C | |
|  PSY 101: Introduction to Psychology (SB) | 3 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Elective | 1 | | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • Foundation of Behavior: Before graduation, students must complete at least 12 credit hours of coursework from disciplines related to psychology. Select courses from: ASB, ASM, BIO, GCU, HPS, PHI, SOC. Students must complete at least six credit hours from within a single department and course prefix. • Secure a part-time job or volunteer experience. |
| Foundations of Behavior | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 44 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  PSY 230: Introduction to Statistics (CS) | 3 | C | <ul style="list-style-type: none"> • Explore an internship. • Pursue research opportunities. |
| Foundations of Behavior | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Elective | 4 | | |
| Complete First-Year Composition requirement. | | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 14 | | |

| Term 4 44 - 60 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  PSY 290: Research Methods (L or SG) | 4 | C | <ul style="list-style-type: none"> • Science and Society Elective: All students pursuing a bachelor of science degree in The College of Liberal Arts and Sciences must complete the two-course Science and Society requirement. A list of all approved courses and the requirement guidelines can be found here. |
| Complete 2 courses: | | | |
| Foundations of Behavior | 6 | C | |
| Science and Society Elective | 3 | C | |
| Elective | 3 | | |
| Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  Complete 2 courses: | | | <ul style="list-style-type: none"> • Research Experience: Before graduating, students must complete at least 6 hours of Research Experience (PSY 399, PSY 499, PSY 492, or PSY 493) • Breadth Within Psychology: Before graduation, students must complete 1 course from 4 of the 5 Breadth course lists below (4 courses total): Biological, Personality/Mental Health, Cognitive/Learning, Developmental, or Social. • The College of Liberal Arts and Sciences Psychology Residency Requirement: Before graduation, at least 12 credit hours of upper-division (300 and 400 level) PSY coursework must be completed through courses offered by The College of Liberal Arts and Sciences - Department of Psychology. |
| 3** Breadth Within Psychology Course | 6 | C | |
| PSY 399: Supervised Research | 3 | Y | |
| Upper Division Science and Society Elective | 3 | C | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  Complete 2 courses: | | | <ul style="list-style-type: none"> • Use Handshake to research employment opportunities • Draft a resume • Gather professional references |
| 3** Breadth Within Psychology Course | 6 | C | |
| PSY 330: Statistical Methods (CS) | 3 | C | |
| PSY 399: Supervised Research OR PSY 492: Honors Directed Study OR PSY 493: Honors Thesis (L) OR PSY 499: Individualized Instruction | 3 | Y | |
| Upper Division Social-Behavioral Sciences (SB) OR Upper Division Humanities, Arts and Design (HU) | 3 | | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  4** Depth Within Psychology Course | 3 | C | <ul style="list-style-type: none"> • 400-Level Depth Within Psychology: Before graduation, students must complete 2 courses from the course list below. NOTE: PSY 498 Pro-Seminar must be offered by The College of Liberal Arts and Sciences - Department of Psychology. • Apply for graduate school. |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective OR PSY 484: Internship | 3 | | |
| Complete 2 courses: | | | |
| Elective | 6 | | |
| Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ 4** Depth Within Psychology Course | 3 | C | • Apply for full-time career opportunities . |
| Complete 2 courses: Upper Division Elective | 6 | | |
| Complete 2 courses: Elective | 6 | | |
| Minimum 3.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.
- Students in this major must complete at least six credits of their Foundations of Behavior within a single department and course prefix.
- Students cannot declare this major as first-year students.
- Students must have a minimum ASU cumulative GPA of 3.00 to be accepted into this major, and students must maintain a minimum ASU cumulative GPA of 3.00 to remain in the major.

Hide Course List(s)/Track Group(s)

| | | |
|---|--|---|
| Foundations of Behavior (12 credit hours from the following options. At least 6 hours must be from one prefix.) | Biological Breadth | Personality/Mental Health Breadth |
| ASB Elective | PSY 325: Physiological Psychology | PSY 315: Personality Theory and Research (SB) |
| ASM Elective | | PSY 366: Abnormal Psychology (SB) |
| BIO Elective | | |
| GCU Elective | | |
| HPS Elective | | |
| PHI Elective | | |
| SOC Elective | | |
| Cognitive/Learning Breadth | Developmental Breadth | Social Breadth |
| PSY 320: Learning and Motivation | PSY 341: Developmental Psychology (SB) | PSY 350: Social Psychology (SB) |
| PSY 323: Sensation and Perception | | PSY 351: Honors Social Psychology (L or SB) |
| PSY 324: Memory and Cognition | | |
| 400-Level Depth Within Psychology | | |
| PSY 400: Topics in Neuroscience | | |
| PSY 414: History of Psychology (L or SB) | | |
| PSY 420: Analysis of Behavior (L) | | |

PSY 424: Genetic Psychology (L)

PSY 425: Biological Bases of Behavior (L)

PSY 426: Neuroanatomy

PSY 430: Industrial Psychology

PSY 432: Embodied Cognition (L)

PSY 434: Cognitive Psychology (L)

PSY 437: Human Factors (L)

PSY 441: Cognitive Development (L or SB)

PSY 443: Abnormal Child Psychology (L or SB)

PSY 444: Adolescent Psychology and Psychopathology

PSY 446: Social Development (L or SB)

PSY 447: Psychology of Aging (SB)

PSY 451: Stereotyping Prejudice and Discrimination (L)

PSY 458: Group Dynamics

PSY 461: Interpersonal Influence (SB)

PSY 462: Health Psychology

PSY 465: Psychology of Stress and Coping

PSY 468: Psychology and Law

PSY 470: Psychopharmacology

PSY 471: Psychological Testing

PSY 472: Clinical Psychology

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 3.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.

2020 - 2021 Major Map



Religious Studies (Religion, Culture and Public Life), BA



School/College: [The College of Liberal Arts and Sciences](#)


Location: [Tempe campus](#)

LARELCPBA

Accelerated options for this program are not currently available to ASU Online students.

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  REL 101: Religion, Culture and Public Life (L or HU) & G | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • ASU Language Placement and Testing: Only true beginners are eligible for 101-level second language courses. All other students are required to take a placement exam, regardless of prior credit earned, to verify the course level is appropriate. Students already proficient in a second language may take a proficiency exam. • Select your Career Interest Communities and play me3@ASU. |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Elective | 2 | | |
| Maintain 2.50 GPA in REL. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • See Religion, Culture and Public Life course list below. Students complete 15 credits from the Religion, Culture and Public Life concentration as part of the Religious Studies major. • Join a student club or professional organization. • If interested in law school, review the Pre-Law at ASU website. |
| Religion, Culture and Public Life Concentration Course | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Maintain 2.50 GPA in REL. | | | |
| Term hours subtotal: | 14 | | |

| Term 3 30 - 46 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| Related Area Course | 3 | C | <ul style="list-style-type: none"> • Outside Concentration courses include any REL courses that are not listed in the Religion, Culture and Public Life concentration. REL 100 and REL 321 may count as either Religion, Culture and Public |
| REL Outside Concentration Course | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |

| | |
|--|----|
| Computer/Statistics/Quantitative Applications (CS) | 3 |
| Elective | 3 |
| ♦ Complete First-Year Composition requirement. | |
| ♦ Complete Mathematics (MA) requirement. | |
| Maintain 2.50 GPA in REL. | |
| Term hours subtotal: | 16 |

- Life concentration courses, or as Outside Concentration courses, but not both.
- Please see list of Related Area courses below.
 - Some General Studies requirements can overlap with major courses, leaving more room for electives. Consult an academic advisor to select the best courses for your personal plan of study.
 - Explore opportunities to **study abroad**.

| Term 4 46 - 60 Credit Hours Critical course signified by ♦ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| Religion, Culture and Public Life Concentration Course | 3 | C | <ul style="list-style-type: none"> • Choosing a Social-Behavioral Sciences (SB) course that also satisfies the Cultural Diversity (C) requirement is recommended. • Visit Career and Professional Development Services and meet with a career advisor for assistance with career planning and networking. • If interested in law school, make an appointment with the pre-law advisor. |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| ♦ Maintain 2.50 GPA in REL. | | | |
| Term hours subtotal: | 14 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ REL 307: Religion: Theory and Practice (L or HU) | 3 | C | <ul style="list-style-type: none"> • REL 307 is typically offered only in the Fall semester. • Choosing a Humanities (HU) course that also satisfies Historical Awareness (H) is recommended if these requirements have not already been satisfied. • Consider participating in an Undergraduate Research Experience through the School of Historical, Philosophical and Religious Studies or a research opportunity in the Humanities Lab. |
| ★ Upper Division Religion, Culture and Public Life Concentration Course | 3 | C | |
| Related Area Course | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Elective | 3 | | |
| Maintain 2.50 GPA in REL. | | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ Upper Division Religion, Culture and Public Life Concentration Course | 3 | C | <ul style="list-style-type: none"> • Upper-division Outside Concentration courses include any upper-division REL courses that are not listed in the Religion, Culture and Public Life concentration. REL 321 may count as either a Religion, Culture and Public Life concentration course, or as an Outside Concentration course, but not both. • Participate in an internship to gain valuable career experience and contacts. For help exploring internship opportunities related to your major, meet with an academic advisor. • Explore graduate school opportunities. • If planning on law school, prepare to take the LSAT. |
| Upper Division Related Area Course | 3 | C | |
| Upper Division REL Outside Concentration Course | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Elective OR REL 484: Internship | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Maintain 2.50 GPA in REL. | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|---|----|---|
| ★ Upper Division Religion, Culture and Public Life Concentration Course | 3 | C |
| Upper Division Related Area Course | 3 | C |
| Humanities, Arts and Design (HU) | 3 | |
| Social-Behavioral Sciences (SB) | 3 | |
| Upper Division Elective | 3 | |
| Maintain 2.50 GPA in REL. | | |
| Term hours subtotal: | 15 | |

- Use Handshake to research **employment opportunities**.
- Attend **career fairs, workshops and related events** offered by Career and Professional Development Services.

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|--|----|---|
| ★ REL 405: Problems in Religious Studies OR REL 406: Religious Studies Capstone I AND REL 407: Religious Studies Capstone II | 3 | C |
| Upper Division Related Area Course | 3 | C |
| Complete 3 courses: | 9 | |
| Upper Division Elective | | |
| ★ Maintain 2.50 GPA in REL. | | |
| Term hours subtotal: | 15 | |

- REL 405 serves as the capstone course for this major and is typically offered only in the Spring semester. REL 405 is for on-campus students while REL 406 and 407 are for ASU Online students.
- Take advantage of mock interview opportunities and assistance with writing **resumes and cover letters**.
- Apply for **full-time career opportunities**.

- Students complete 15 credit hours in the Religion, Culture and Public Life concentration, at least nine of which must be upper-division.
- Students complete six credits of Outside Concentration REL courses, at least three of which must be upper-division. The Outside Concentration courses are any REL courses NOT in the Religion, Culture and Public Life concentration list. Due to their broad content, REL 100 and REL 321 may count as either Religion, Culture and Public Life concentration courses, or as Outside Concentration courses, but each course will satisfy only ONE requirement, not both.
- Students complete 15 credits of courses in Related Areas, at least nine of which must be upper-division.

Hide Course List(s)/Track Group(s)

| Religion Culture and Public Life Courses | REL Outside Concentration Courses | Related Area Courses |
|--|---|--|
| REL 100: Religions of the World (HU & G) | Any REL course that is NOT listed in the Religion Culture and Public Life concentration except for REL 100 and REL 321 which may be used either inside or outside the concentration but not both. | AFR OR AIS OR AMS OR APA OR APH OR ARS OR ASB OR GCU OR HPS OR HST OR JUS OR PHI OR POS OR SGS OR SOC OR TCL OR WST Elective |
| REL 200: Exploring the World's Religions ((L or HU) & G) | | ARB 331: Arabic/Islamic Culture and Literature (HU & H & G) |
| REL 202: Religion and Popular Culture (HU & C) | REL 100: Religions of the World (HU & G) | ARB 335: Arabic Culture and Islam (G) |
| REL 205: Life Sex and Death (HU) | REL 321: Religion in America ((L or HU) & C & H) | ARB 336: Introduction to the Qur'an (G) |
| REL 207: Ritual Symbol and Myth (L or HU) | | ARB 337: Hadith and Prophetic Tradition |
| REL 270: Introduction to Christianity (HU) | | ARB 341: Quran Text and Women (HU & H) |
| REL 287: Topics in Film Media and Religion (HU & G) | | ARB 351: Classical Arabic Literature |
| REL 301: Comparative Mysticism (HU) | | ARB 352: Modern Arabic Literature in Translation (HU & G) |
| REL 310: Western Religious Traditions (HU & H) | | BIO 312: Bioethics (HU) |

REL 315: Hebrew Bible (Old Testament) (L or HU) & H)

REL 320: American Religious Traditions (HU & C & H)

REL 321: Religion in America ((L or HU) & C & H)

REL 326: U.S. Latino Religion and Culture (HU & C)

REL 330: Native American Worldviews (HU & C)

REL 343: Daoism ((L or HU) & G & H)

REL 346: Chinese Religions

REL 350: Hinduism ((L or HU) & G)

REL 351: Buddhism ((L or HU) & G)

REL 357: Theravada Buddhism in South and Southeast Asia ((L or HU) & G)

REL 365: Islamic Civilization (HU & H)

REL 371: New Testament (HU)

REL 372: Formation of the Christian Tradition (HU & H)

REL 382: Magick Religion and Science (L or HU)

REL 390: Women Gender and Religion (HU & G)

REL 393: Religion and Sex (HU)

BIO 315: Science Values and the Public or ENG 370: Science Values and the Public

BIO 318: History of Medicine (HU & H)

CHI 120: Introduction to Chinese Culture (L or HU) or SLC 120: Introduction to Chinese Culture (L or HU)

CHI 321: Chinese Literature (HU)

CHI 322: Chinese Literature (HU & G)

CHI 345: Chinese Film and Civilization

CHI 451: Chinese Cultural History I ((HU or SB) & H) or SLC 451: Chinese Cultural History I ((HU or SB) & H)

CHI 452: Chinese Cultural History II (SB & G & H) or SLC 452: Chinese Cultural History II (SB & G & H)

ENG 315: Medieval Literature in Translation (HU)

ENG 333: American Ethnic Literature ((L or HU) & C)

ENG 353: African American Literature: Beginnings through the Harlem Renaissance ((L or HU) & C)

ENG 354: African American Literature: Harlem Renaissance to the Present ((L or HU) & C)

ENG 356: The Bible as Literature (HU)

ENG 359: Indigenous American Literature ((L or HU) & C)

GER 315: Germanic Mythology (HU & G)

HEB 316: Literary Readings of the Hebrew Bible (L or HU) or ENG 316: Literary Readings of the Hebrew Bible (L or HU)

HEB 347: Modern Israeli Literature in Translation (HU & G) or SLC 347: Modern Israeli Literature in Translation (HU & G)

HEB 348: Israeli Society and Culture (HU & G) or SLC 348: Israeli Society and Culture (HU & G)

HEB 375: Contemporary Culture of Israel (HU & G)

HEB 411: Judaism and the Beginnings of Christianity (HU & H)

Related Area Courses Continued

HON 171: The Human Event (L or HU)

HON 272: The Human Event ((L or HU) & H)

HON 370: History of Ideas (L or HU)

HON 379: Romantics Victorians and Moderns
(HU & G)

IAS 430: Science and Religion (L or HU)

JPN 115: Japanese Popular Culture: Anime
Manga and Film (G)

JPN 445: Readings in Modern Japanese
Letters and Culture

JST Elective (not from JST 131 132 231 or
232)

KOR 250: Korean Culture and Society (HU &
G)

KOR 347: Korean Film and Literature (HU)

KOR 350: Women of Korea (H)

KOR 354: Religions of Korea (HU)

MUS 347: Jazz in America (HU & C)

MUS 354: Popular Music (HU)

MUS 355: American Music (HU & C & H)

MUS 371: World Music (HU & G)

POR 472: Luso-Brazilian Civilization (HU &
G)

PSY 350: Social Psychology (SB)

SLC 142: Ancient Greek Civilization (HU &
H) or GRK 142: Ancient Greek Civilization
(HU & H)

SLC 223: Introduction to Greek and Roman
Mythology (HU) or GRK 223: Introduction to
Greek and Roman Mythology (HU) or LAT
223: Introduction to Greek and Roman
Mythology (HU)

SLC 361: Roman Religion (HU) or LAT 361:
Roman Religion (HU)

SLC 362: Ancient Greek Religion or GRK
362: Ancient Greek Religion

SLC 444: Heroes Ancient and Modern (L or
HU) or GRK 444: Heroes Ancient and Modern
(L or HU) or LAT 444: Heroes Ancient and
Modern (L or HU)

SLC 455: Berlin: Migration Arts and Activism
(G) or GER 455: Berlin: Migration Arts and
Activism (G)

SPA 325: Introduction to Hispanic Literature
(HU)

SPA 427: Colonial and Postcolonial Latin
American Literature (L or HU)

SPA 471: Civilization of the
Indohispanomexicano Southwest ((L or HU) &
C)

TCL 328: U.S. Latino Religion and Culture
(HU & C)

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.
- At least 12 upper-division hours in the major (REL) must be in courses offered by The College of Liberal Arts and Sciences.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.50 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.

2020 - 2021 Major Map



Religious Studies (Religion, Culture and Public Life), BA

School/College: [The College of Liberal Arts and Sciences](#)

Location: [Online](#)



LARELCPBA

Accelerated options for this program are not currently available to ASU Online students.

| Term 1 - A 0 - 7 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  REL 101: Religion, Culture and Public Life (L or HU) & G | 3 | C | <ul style="list-style-type: none"> An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. ASU 101 is not required of transfer students. Select your Career Interest Communities and play me3@ASU. |
| ASU 101-UC: The ASU Experience | 1 | | |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| Maintain 2.50 GPA in REL course work. | | | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 13 Credit Hours | Hours | Minimum Grade | Notes |
|-----------------------------------|-------|---------------|--|
| MAT 142: College Mathematics (MA) | 3 | C | <ul style="list-style-type: none"> View ASU Online first-year student registration information here. Mathematics Placement Assessment score determines placement in mathematics course Some General Studies requirements can overlap with major courses, leaving more room for electives. Consult an academic advisor to select the best courses for your personal plan of study. |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 6 | | |




| Term 2 - A 13 - 20 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> ASU Language Placement and Testing: Only true beginners are eligible for 101-level second language courses. All other students are required to take a placement exam, regardless of prior credit earned, to verify the course level is appropriate. Students already proficient in a second language may take a proficiency exam. |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Term hours subtotal: | 7 | | |

| Term 2 - B 20 - 27 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| Religion, Culture and Public Life Concentration Course | 3 | C | <ul style="list-style-type: none"> The ASU Online Religious Studies major focuses on Religion, Culture and Public Life. Students complete 15 total credit hours in this concentration. Please see the Religion, Culture and Public Life course list below. |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Maintain 2.50 GPA in REL course work. | | | |



Term hours subtotal: 7

- If interested in law school, review the [Pre-Law at ASU](#) website.

| Term 3 - A 27 - 34 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| Related Area Course | 3 | C | |
| Second Language: Requirement satisfied through the following: | | | |
| * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Term hours subtotal: | | 7 | |

| Term 3 - B 34 - 41 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| REL Outside Concentration Course | 3 | C | |
| Second Language: Requirement satisfied through the following: | | | |
| * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
|  Complete First-Year Composition requirement. | | | |
|  Complete Mathematics (MA) requirement. | | | |
| Maintain 2.50 GPA in REL course work. | | | |
| Term hours subtotal: | | 7 | |

- Please see REL Outside Concentration Course list below.
- Explore opportunities to [study abroad](#). Online students are eligible and encouraged to participate!

| Term 4 - A 41 - 48 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  Religion, Culture and Public Life Concentration Course | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Maintain 2.50 GPA in REL course work. | | | |
| Term hours subtotal: | | 7 | |

- Explore the [Career and Professional Development Services](#) website and arrange a [virtual advising](#) session with a career counselor for assistance with career planning and networking.
- If interested in law school, [make a phone appointment](#) with the pre-law advisor.

| Term 4 - B 48 - 54 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | | 6 | |

- Choosing a Humanities (HU) course that also satisfies Historical Awareness (H) is recommended if these requirements have not already been satisfied.

| Term 5 - A 54 - 60 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|  REL 307: Religion: Theory and Practice (L or HU) | 3 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Maintain 2.50 GPA in REL course work. | | | |
| Term hours subtotal: | | 6 | |

- REL 307 is typically offered only in the Fall semester.
- Choosing a Social-Behavioral Sciences (SB) course that also satisfies the Cultural Diversity (C) requirement is recommended.

| Term 5 - B 60 - 67 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| Related Area Course | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Term hours subtotal: | | 7 | |

- Participate in an [internship](#) to gain valuable career experience and contacts. For help exploring internship [opportunities related to your major](#), contact an academic advisor.

| Term 6 - A 67 - 73 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ Upper Division Religion, Culture and Public Life Concentration Course | 3 | C | <ul style="list-style-type: none"> Consider participating in an Undergraduate Research Experience through the School of Historical, Philosophical and Religious Studies. |
| Social-Behavioral Sciences (SB) | 3 | | |
| Maintain 2.50 GPA in REL course work. | | | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 73 - 79 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| Upper Division REL Outside Concentration Course | 3 | C | <ul style="list-style-type: none"> If planning on law school, prepare to take the LSAT. |
| Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Maintain 2.50 GPA in REL course work. | | | |
| Term hours subtotal: | 6 | | |

| Term 7 - A 79 - 85 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ Upper Division Religion, Culture and Public Life Concentration Course | 3 | C | <ul style="list-style-type: none"> Explore graduate school opportunities. |
| Upper Division Elective | 3 | | |
| Maintain 2.50 GPA in REL course work. | | | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 85 - 91 Credit Hours | Hours | Minimum Grade | Notes |
|------------------------------------|-------|---------------|--|
| Upper Division Related Area Course | 3 | C | <ul style="list-style-type: none"> View career webinars offered by Career and Professional Development Services. |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 91 - 97 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ Upper Division Religion, Culture and Public Life Concentration Course | 3 | C | <ul style="list-style-type: none"> Use Handshake to research employment opportunities. |
| Upper Division Related Area Course | 3 | C | |
| Maintain 2.50 GPA in REL course work. | | | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 97 - 103 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - A 103 - 109 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ REL 406: Religious Studies Capstone I | 1 | C | <ul style="list-style-type: none"> REL 406 and REL 407 serve as the capstone courses for this major and are typically offered only in the Spring semester. |
| Upper Division Elective | 3 | | |
| Elective | 2 | | |
| Maintain 2.50 GPA in REL course work. | | | |

Term hours subtotal: 6

| Term 9 - B 109 - 114 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ REL 407: Religious Studies Capstone II | 2 | C | <ul style="list-style-type: none"> Take advantage of mock interview opportunities and assistance with writing resumes and cover letters. |
| Upper Division Elective | 3 | | |
| Maintain 2.50 GPA in REL course work. | | | |
| Term hours subtotal: | | 5 | |

| Term 10 - A 114 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| Upper Division Related Area Course | 3 | C | <ul style="list-style-type: none"> Apply for full-time career opportunities. |
| Upper Division Elective | 3 | | |
| ★ Maintain 2.50 GPA in REL course work. | | | |
| Term hours subtotal: | | 6 | |

- Students complete 15 credit hours in the Religion, Culture and Public Life concentration, at least nine of which must be upper-division.
 - Students complete six credit hours in Outside Concentration REL courses, at least three of which must be upper-division. Outside Concentration courses include all REL courses that are not part of the Religion, Culture and Public Life concentration. Due to their broad content, REL 100 and REL 321 appear in both the Religion, Culture and Public Life and the Outside Concentration course lists. Students may use these courses to satisfy a concentration requirement OR an Outside Concentration requirement, but each course will apply toward only ONE requirement, not both.
 - Students complete 15 credits of courses in related areas, at least nine of which must be upper-division.
 - At least 12 upper-division hours in the major (REL) must be in courses offered by The College of Liberal Arts and Sciences.

Hide Course List(s)/Track Group(s)

| Religion Culture and Public Life | REL Outside Concentration Courses | Related Area Courses |
|---|--|---|
| REL 100: Religions of the World (HU & G) | REL 100: Religions of the World (HU & G) | AFR OR APA OR ARS OR ASB OR GCU OR HST OR JUS OR PHI OR POS OR SGS OR SOC OR WST Elective |
| REL 202: Religion and Popular Culture (HU & C) | REL 107: Religion and Globalization (HU & G) | ARB 335: Arabic Culture and Islam (G) |
| REL 205: Life Sex and Death (HU) | REL 321: Religion in America ((L or HU) & C & H) | ARB 336: Introduction to the Qur'an (G) |
| REL 207: Ritual Symbol and Myth (L or HU) | REL 366: Islam in the Modern World (HU & G) | BIO 312: Bioethics (HU) |
| REL 301: Comparative Mysticism (HU) | REL 374: Witchcraft and Heresy in Europe ((L or HU) & H) | BIO 318: History of Medicine (HU & H) |
| REL 315: Hebrew Bible (Old Testament) ((L or HU) & H) | | ENG 333: American Ethnic Literature ((L or HU) & C) |
| REL 320: American Religious Traditions (HU & C & H) | | ENG 353: African American Literature: Beginnings through the Harlem Renaissance ((L or HU) & C) |
| REL 321: Religion in America ((L or HU) & C & H) | | ENG 354: African American Literature: Harlem Renaissance to the Present ((L or HU) & C) |
| REL 330: Native American Worldviews (HU & C) | | |

REL 343: Daoism ((L or HU) & G & H)

REL 350: Hinduism ((L or HU) & G)

REL 351: Buddhism ((L or HU) & G)

REL 371: New Testament (HU)

REL 382: Magick Religion and Science (L or HU)

REL 390: Women Gender and Religion (HU & G)

ENG 356: The Bible as Literature (HU)

ENG 359: Indigenous American Literature ((L or HU) & C)

MUS 347: Jazz in America (HU & C)

MUS 354: Popular Music (HU)

MUS 355: American Music (HU & C & H)

MUS 371: World Music (HU & G)

PSY 350: Social Psychology (SB)

SLC 223: Introduction to Greek and Roman Mythology (HU) or GRK 223: Introduction to Greek and Roman Mythology (HU) or LAT 223: Introduction to Greek and Roman Mythology (HU)

SPA 325: Introduction to Hispanic Literature (HU)

SPA 427: Colonial and Postcolonial Latin American Literature (L or HU)

SPA 471: Civilization of the Indohispanomexicano Southwest ((L or HU) & C)

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.50 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map



Religious Studies (Religion, Politics and Global Affairs), BA



School/College: [The College of Liberal Arts and Sciences](#)

Location: [Tempe campus](#)

LARELPGBA

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  REL 101: Religion, Culture and Public Life (L or HU) & G | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • ASU Language Placement and Testing: Only true beginners are eligible for 101-level second language courses. All other students are required to take a placement exam, regardless of prior credit earned, to verify the course level is appropriate. Students already proficient in a second language may take a proficiency exam. • Select your Career Interest Communities and play me3@ASU. |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Elective | 2 | | |
| Maintain 2.50 GPA in REL. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • See Religion, Politics and Global Affairs course list below. Students complete 15 credits from the Religion, Politics and Global Affairs concentration as part of the Religious Studies major. • Join a student club or professional organization. • If interested in law school, review the Pre-Law at ASU website. |
| Religion, Politics and Global Affairs Concentration Course | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Maintain 2.50 GPA in REL. | | | |
| Term hours subtotal: | 14 | | |

| Term 3 30 - 46 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| Related Area Course | 3 | C | <ul style="list-style-type: none"> • Outside Concentration courses include any REL courses that are not listed in the Religion, Politics and Global Affairs concentration. REL 100 and REL 321 may count as either Religion, Politics and Global Affairs concentration courses, or as Outside Concentration courses, but not both. • Please see list of Related Area courses below. |
| REL Outside Concentration Course | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
|  Complete First-Year Composition requirement. | | | |

⚠ Complete Mathematics (MA) requirement.

Maintain 2.50 GPA in REL.

Term hours subtotal: 16

- Some General Studies requirements can overlap with major courses, leaving more room for electives. Consult an academic advisor to select the best courses for your personal plan of study.
- Explore opportunities to [study abroad](#).

| Term 4 46 - 60 Credit Hours Critical course signified by ⚠ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| Religion, Politics and Global Affairs Concentration Course | 3 | C | <ul style="list-style-type: none"> • Choosing a Social-Behavioral Sciences (SB) course that also satisfies the Cultural Diversity (C) requirement is recommended. • Visit Career and Professional Development Services and meet with a career advisor for assistance with career planning and networking. • If interested in law school, make an appointment with the pre-law advisor. |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| ⚠ Maintain 2.50 GPA in REL. | | | |
| Term hours subtotal: | | 14 | |

| Term 5 60 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ REL 307: Religion: Theory and Practice (L or HU) | 3 | C | <ul style="list-style-type: none"> • REL 307 is typically offered only in the Fall semester. • Choosing a Humanities (HU) course that also satisfies Historical Awareness (H) is recommended if these requirements have not already been satisfied. • Consider participating in an Undergraduate Research Experience through the School of Historical, Philosophical and Religious Studies or a research opportunity in the Humanities Lab. |
| ★ Upper Division Religion, Politics and Global Affairs Concentration Course | 3 | C | |
| Related Area Course | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Elective | 3 | | |
| Maintain 2.50 GPA in REL. | | | |
| Term hours subtotal: | | 15 | |

| Term 6 75 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ Upper Division Religion, Politics and Global Affairs Concentration Course | 3 | C | <ul style="list-style-type: none"> • Upper-division Outside Concentration courses include any upper-division REL courses that are not listed in the Religion, Politics and Global Affairs concentration. REL 321 may count as either a Religion, Politics and Global Affairs concentration course, or as an Outside Concentration course, but not both. • Participate in an internship to gain valuable career experience and contacts. For help exploring internship opportunities related to your major, meet with an academic advisor. • Explore graduate school opportunities. • If planning on law school, prepare to take the LSAT. |
| Upper Division Related Area Course | 3 | C | |
| Upper Division REL Outside Concentration Course | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Upper Division Elective OR REL 484: Internship | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Maintain 2.50 GPA in REL. | | | |
| Term hours subtotal: | | 15 | |

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ Upper Division Religion, Politics and Global Affairs Concentration Course | 3 | C | <ul style="list-style-type: none"> • Use Handshake to research employment opportunities. |

| | | |
|------------------------------------|----|---|
| Upper Division Related Area Course | 3 | C |
| Social-Behavioral Sciences (SB) | 3 | |
| Upper Division Elective | 3 | |
| Elective | 3 | |
| Maintain 2.50 GPA in REL. | | |
| Term hours subtotal: | 15 | |

- Attend career fairs, workshops and related events offered by Career and Professional Development Services.

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ REL 405: Problems in Religious Studies OR REL 406: Religious Studies Capstone I AND REL 407: Religious Studies Capstone II | 3 | C | <ul style="list-style-type: none"> • REL 405 serves as the capstone course for this major and is typically offered only in the Spring semester. • Take advantage of mock interview opportunities and assistance with writing resumes and cover letters. • Apply for full-time career opportunities. |
| Upper Division Related Area Course | 3 | C | |
| Complete 3 courses: | | | |
| Upper Division Elective | 9 | | |
| ★ Maintain 2.50 GPA in REL. | | | |
| Term hours subtotal: | 15 | | |

- Students complete 15 credit hours in the Religion, Politics and Global Affairs concentration, at least nine of which must be upper-division.
- Students complete six credits of Outside Concentration REL courses, at least three of which must be upper-division. The Outside Concentration courses are any REL courses **not** in the Religion, Politics and Global Affairs concentration list. Due to their broad content, REL 100 and REL 321 may count as either Religion, Politics and Global Affairs concentration courses, or as Outside Concentration courses, but each course will satisfy only **one** requirement, not both.
- Students complete 15 credits of courses in Related Areas, at least nine of which must be upper-division.
- At least 12 upper-division hours in the major (REL) must be in courses offered by The College of Liberal Arts and Sciences.

Hide Course List(s)/Track Group(s)

| Religion Politics and Global Affairs | REL Outside Concentration Courses | Related Area |
|---|--|--|
| REL 100: Religions of the World (HU & G) | Any REL course that is not listed in the Religion Politics and Global Affairs concentration except for REL 100 and REL 321 which may be used either inside or outside the concentration but not both. | AFR OR AIS OR AMS OR APA OR APH OR ARS OR ASB OR GCU OR HPS OR HST OR JUS OR PHI OR POS OR SGS OR SOC OR TCL OR WST Elective |
| REL 107: Religion and Globalization (HU & G) | | |
| REL 201: Religion and the Modern World (L or HU) | REL 100: Religions of the World (HU & G) | JST Elective (not from JST 131 132 231 or 232) |
| REL 225: African American Religion (HU & C) | REL 321: Religion in America ((L or HU) & C & H) | ARB 331: Arabic/Islamic Culture and Literature (HU & H & G) |
| REL 319: Religion Violence and America | | ARB 335: Arabic Culture and Islam (G) |
| REL 321: Religion in America ((L or HU) & C & H) | | ARB 336: Introduction to the Qur'an (G) |
| REL 347: Religions of India: Peace and Conflict ((L or HU) & G) | | ARB 337: Hadith and Prophetic Tradition |
| REL 349: Nature Sustainability and Religion | | ARB 341: Quran Text and Women (HU & H) |
| REL 352: Modern Buddhism | | ARB 351: Classical Arabic Literature |
| REL 354: Religions of Korea (HU) | | ARB 352: Modern Arabic Literature in Translation |

| | |
|--|--|
| REL 362: Islam and Islamic Societies in Africa: Social and Political History (G) | BIO 312: Bioethics (HU) |
| REL 363: Islam and World Affairs (G) | BIO 315: Science Values and the Public or ENG 370: Science Values and the Public |
| REL 364: Islam in Eurasia and Central Asia | BIO 318: History of Medicine (HU & H) |
| REL 366: Islam in the Modern World (HU & G) | CHI 120: Introduction to Chinese Culture (L or HU) or SLC 120: Introduction to Chinese Culture (L or HU) |
| REL 374: Witchcraft and Heresy in Europe ((L or HU) & H) | CHI 321: Chinese Literature (HU) |
| REL 377: Religion in Russia (HU & H) | CHI 322: Chinese Literature (HU & G) |
| REL 378: Religion War and Peace (L) | CHI 345: Chinese Film and Civilization |
| REL 379: Religion Nationalism and Ethnic Conflict (HU & G) | CHI 451: Chinese Cultural History I ((HU or SB) & H) or SLC 451: Chinese Cultural History I ((HU or SB) & H) |
| REL 381: Religion and Moral Issues (L or HU) | CHI 452: Chinese Cultural History II (SB & G & H) or SLC 452: Chinese Cultural History II (SB & G & H) |
| REL 387: Religion and Conflict: Theories and Cases ((L or HU) & G) | ENG 315: Medieval Literature in Translation (HU) |
| REL 388: Religion Ethics and International Politics | ENG 333: American Ethnic Literature ((L or HU) & C) |
| REL 420: Religion in American Life and Thought (HU) | ENG 353: African American Literature: Beginnings through the Harlem Renaissance ((L or HU) & C) |
| REL 461: Different Voices Within Contemporary Islamic Discourse | ENG 354: African American Literature: Harlem Renaissance to the Present ((L or HU) & C) |
| | ENG 356: The Bible as Literature (HU) |
| | ENG 359: Indigenous American Literature ((L or HU) & C) |
| | GER 315: Germanic Mythology (HU & G) |
| | HEB 316: Literary Readings of the Hebrew Bible (L or HU) or ENG 316: Literary Readings of the Hebrew Bible (L or HU) |
| | HEB 347: Modern Israeli Literature in Translation (HU & G) or SLC 347: Modern Israeli Literature in Translation (HU & G) |
| | HEB 348: Israeli Society and Culture (HU & G) or SLC 348: Israeli Society and Culture (HU & G) |
| | HEB 375: Contemporary Culture of Israel (HU & G) |
| | HEB 411: Judaism and the Beginnings of Christianity (HU & H) |
| | HON 171: The Human Event (L or HU) |
| | HON 272: The Human Event ((L or HU) & H) |

HON 370: History of Ideas (L or HU)

HON 379: Romantics Victorians and Moderns
(HU & G)

IAS 430: Science and Religion (L or HU)

JPN 115: Japanese Popular Culture: Anime
Manga and Film (G)

JPN 445: Readings in Modern Japanese
Letters and Culture

KOR 250: Korean Culture and Society (HU &
G)

KOR 347: Korean Film and Literature (HU)

KOR 350: Women of Korea (H)

KOR 354: Religions of Korea (HU)

MUS 347: Jazz in America (HU & C)

MUS 354: Popular Music (HU)

MUS 355: American Music (HU & C & H)

MUS 371: World Music (HU & G)

POR 472: Luso-Brazilian Civilization (HU &
G)

PSY 350: Social Psychology (SB)

SLC 142: Ancient Greek Civilization (HU &
H) or GRK 142: Ancient Greek Civilization
(HU & H)

SLC 223: Introduction to Greek and Roman
Mythology (HU) or GRK 223: Introduction to
Greek and Roman Mythology (HU) or LAT
223: Introduction to Greek and Roman
Mythology (HU)

SLC 361: Roman Religion (HU) or LAT 361:
Roman Religion (HU)

SLC 362: Ancient Greek Religion or GRK
362: Ancient Greek Religion

SLC 444: Heroes Ancient and Modern (L or
HU) or GRK 444: Heroes Ancient and
Modern (L or HU) or LAT 444: Heroes
Ancient and Modern (L or HU)

SLC 455: Berlin: Migration Arts and Activism
(G) or GER 455: Berlin: Migration Arts and
Activism (G)

SPA 325: Introduction to Hispanic Literature
(HU)

SPA 427: Colonial and Postcolonial Latin
American Literature (L or HU)

SPA 471: Civilization of the
Indohispanomexicano Southwest ((L or HU)
& C)

TCL 328: U.S. Latino Religion and Culture
(HU & C)

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.50 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map



Russian, BA





School/College: The College of Liberal Arts and Sciences




Location: Tempe campus

LARUSBA




| Term 1 0 - 15 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  SLC 201: Introduction to Linguistics (HU or SB) | 3 | | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • ASU Language Placement: Only true beginners are eligible for 101-level courses. Students with previous experience in the language are required to take a language placement test. • Engage in Russian at ASU. Practice your language skills at the SILC Cafe. • Play me3@ASU and set up your Handshake account. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| RUS 101: Elementary Russian I | 5 | C | |
| Maintain 2.33 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 15 | | |

| Term 2 15 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • Meet with a School of International Letters and Cultures Russian faculty member or academic advisor to discuss the best study abroad options for your major. • Attend a Financing Your Study Abroad Program Workshop. |
| RUS 102: Elementary Russian II | 5 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Elective | 1 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). Maintain 2.33 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 15 | | |



| Term 3 30 - 45 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  RUS 211: Basic Russian Conversation I (G) | 3 | C | <ul style="list-style-type: none"> • Explore your career interest area. |
| RUS 201: Intermediate Russian I (G) | 5 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
|  Complete First-Year Composition requirement. | | | |
|  Complete Mathematics (MA) requirement. | | | |
| Maintain 2.33 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 15 | | |

| Term 4 45 - 60 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  RUS 212: Basic Russian Conversation II (G) | 3 | C | <ul style="list-style-type: none"> • Meet with your academic advisor to explore internship and career opportunities in the U.S. State Department and Foreign Affairs. • Visit Career and Professional Development Services and meet with a career advisor for assistance with career planning and networking. • Learn about internships, scholarships and awards for language and culture majors. • Learn about research opportunities with the ASU Humanities Lab. • Heritage speakers of Russian may take RUS 295 Russian for Heritage Speakers, a 3 credit course equivalent to RUS 202. |
|  SLC 202: Introduction to Literary and Cultural Theory | 3 | C | |
| RUS 202: Intermediate Russian II (G) | 5 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Maintain 2.33 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 15 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  RUS 311: Russian Composition and Conversation I (G) | 3 | C | <ul style="list-style-type: none"> • Explore opportunities working for the Peace Corps. |
|  Upper Division RUS Elective | 3 | C | |
| Related Area Course | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  RUS 312: Russian Composition and Conversation II (G) | 3 | C | <ul style="list-style-type: none"> • Plan ahead. Learn about national scholarship, fellowship and research opportunities. • Attend an ASU Career Services workshop. |
| SLV 304: Digital Humanities for Language Majors (CS) OR SLV 440: History of Slavic Languages (SB) | 3 | C | |
| Upper Division Restricted Electives | 3 | C | |
| Related Area Course | 3 | C | |
| Elective | 3 | | |
|  Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  RUS 411: Advanced Composition and Conversation I (G) OR RUS 412: Advanced Composition and Conversation II (G) | 3 | C | <ul style="list-style-type: none"> • Develop your skills. |
| Upper Division Restricted Electives | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Complete 2 courses: Upper Division Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|  RUS 430: Russian Short Story (L or HU) | 3 | | |

| | | | |
|-----------------------------------|---|----|---|
| ★ 4** SLC Required Culture Course | 3 | C | • Attend a Career Services workshop or career fair. |
| Complete 3 courses: | 9 | | |
| Upper Division Elective | | | |
| Term hours subtotal: | | 15 | |

- SLC 400-level language and/or translation courses may not be used to satisfy the SLC 400-Level Required Course.

Hide Course List(s)/Track Group(s)

| Related Area Course | RUS Upper-Division Elective | SLC 400-Level Required Culture Course |
|---|---|--|
| GCU 426: Geography of Russia and Surroundings (SB & G) | RUS 394: Special Topics | SLC 414: French and Italian Popular Culture ((L or HU) & G) |
| HST 354: Revolutionary Europe (SB & H) | RUS 421: Pushkin (L or HU) | SLC 415: Korean Popular Culture (HU & G) |
| HST 355: Total War and the Crisis of Modernity (SB & G & H) | RUS 425: Chekhov and Russian Drama (L or HU) | SLC 421: Ghosts Monsters and Supernatural in Jpn Lit&Film ((L or HU) & G) |
| HST 356: Europe since 1945 (SB & G & H) | RUS 439: Art in Exile: VladĀ-mir VladĀ-mirovich Nabokov (L or HU) | SLC 421: Japanese Aesthetics ((L or HU) & G) |
| HST 370: Eastern Europe in Transition (SB & G & H) | RUS 440: Russian Mass Media (G) | SLC 421: Japanese Film and Animation 1945-present ((L or HU) & G) |
| HST 432: Eastern Europe the Balkans 20th Century (G & H) | RUS 493: Honors Thesis (L) | SLC 421: Japanese Literature in Translation ((L or HU) & G) |
| HST 435: The Russian Empire (SB & H) | RUS 494: Special Topics | SLC 421: Samurai and Geisha ((L or HU) & G) |
| HST 436: The Soviet Experiment (SB & G & H) | RUS 499: Individualized Instruction | SLC 421: Travel and Exploration in Early Modern Japan ((L or HU) & G) |
| MHL 363: Survey of Russian Music (HU) | | SLC 423: Italian Organized Crime in Films and History ((L or HU) & G) |
| POS 360: World Politics (SB & G) | | SLC 425: What is Globalization? A History of Contact and Conflict (HU & G) |
| POS 467: International Security (SB & G) | | SLC 429: Studies in European Literature and Culture ((L or HU) & G & H) |
| POS 486: International Political Economy (SB & G) | | SLC 439: Art in Exile: VladĀ-mir VladĀ-mirovich Nabokov (L or HU) |
| SLC 340: Approaches to International Cinema (HU & G) | | SLC 441: Fairy Tales (HU & G) |
| SLV Upper Division Elective | | SLC 442: Dracula and Vampire Lore (HU) |
| | | SLC 444: Heroes Ancient and Modern (L or HU) |
| | | SLC 445: The Holocaust in German-Mediated Memory |
| | | SLC 446: Weimar-Era German Film |
| | | SLC 447: German Modernism |
| | | SLC 450: Experimental Narrative |

SLC 451: Chinese Cultural History I ((HU or SB) & H)

SLC 452: Chinese Cultural History II (SB & G & H)

SLC 455: Berlin: Migration Arts and Activism (G)

SLC 457: Premodern Korea in a Global Context

SLC 459: Latin American Jewish Culture

SLC 465: Intercultural Communicative Competence

SLC 475: Latin American Film ((L or HU) & G)

SLC 494: Special Topics

Upper-Division Restricted Electives

RUS 322: Scandals and Scoundrels: The Nineteenth-Century Russian Novel (L or HU)

RUS 323: Russian Literature and Revolution: The Twentieth Century ((L or HU) & G)

RUS 421: Pushkin (L or HU)

RUS 425: Chekhov and Russian Drama (L or HU)

RUS 439: Art in Exile: VladĀ-mir VladĀ-mirovich Nabokov (L or HU)

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)

- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map




Sociology, BS




School/College: The College of Liberal Arts and Sciences


Location: Tempe campus

LASOCBS

| Term 1 0 - 13 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  SOC 101: Introductory Sociology (SB) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Select a career interest area and play me3@ASU. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 13 | | |

| Term 2 13 - 29 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  SOC 241: Modern Social Problems (SB) OR SOC 264: Gender and Society (SB & C) OR SOC 270: Racial and Ethnic Relations (SB & C) | 3 | C | <ul style="list-style-type: none"> • Network in your career interest area |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Related Area Course | 3 | C | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 29 - 45 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| SOC Elective | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Complete 2 courses: Elective | 6 | | |
|  Complete First-Year Composition requirement. | | | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 45 - 60 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| Additional Related Area Course AND Social-Behavioral Sciences (SB) | 3 | C | <ul style="list-style-type: none"> • Explore an internship |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Complete 2 courses: | | | |

Elective 6

- ❖ Complete Natural Science - Quantitative (SQ) OR Natural Science - General (SG) course(s).

Term hours subtotal: 15

| Term 5 60 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ SOC 390: Social Statistics I (CS) | 3 | C | |
| Additional Related Area Course AND Social-Behavioral Sciences (SB) | 3 | C | |
| Science and Society Elective | 3 | C | |
| SOC Upper Division Elective | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ SOC 391: Research Methods (L or SB) OR FAS 361: Research Methods (L or SB) | 3 | C | • Use Handshake to research employment opportunities |
| Upper Division Science and Society Elective | 3 | C | |
| SOC Upper Division Elective | 3 | C | |
| Complete 2 courses: Upper Division Elective | 6 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|----------------------------------|
| ★ SOC 483: History of Social Thought (SB) OR SOC 486: Contemporary Theory (SB) | 3 | C | • Gather professional references |
| Related Area Course | 3 | C | |
| SOC Upper Division Elective | 3 | C | |
| Upper Division Elective OR SOC 484: Internship | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ SOC Upper Division Elective | 3 | C | • Apply for full-time career opportunities |
| Related Area Course | 3 | C | |
| Complete 3 courses: Upper Division Elective | 9 | | |
| Term hours subtotal: | 15 | | |

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses

(i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

- Students choose 9 credit hours from the related area prefixes below. The additional 6 credit hours of related area work may be from any prefix but must also carry the "SB" General Studies designation.

Hide Course List(s)/Track Group(s)

Related Area Courses

AFR OR APA OR ASB OR CDE OR ECN
OR FAS OR GCU OR HST OR POS OR PSY
OR TCL OR WST Elective

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.






2020 - 2021 Major Map

Sociology, BS

School/College: [The College of Liberal Arts and Sciences](#)

Location: [Online](#)

LASOCBS

| Term 1 - A 0 - 7 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  SOC 101: Introductory Sociology (SB) | 3 | C | <ul style="list-style-type: none"> An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. Mathematics Placement Assessment score determines placement in mathematics course. ASU 101 or college-specific equivalent First-Year Seminar is required of all first-year students. Select your Career Interest Communities and play me3@ASU. |
| ASU 101-UC: The ASU Experience | 1 | | |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 7 | | |
| | | | |
| Term 1 - B 7 - 13 Credit Hours | Hours | Minimum Grade | Notes |
| SOC 241: Modern Social Problems (SB) OR SOC 264: Gender and Society (SB & C) OR SOC 270: Racial and Ethnic Relations (SB & C) | 3 | | <ul style="list-style-type: none"> View ASU Online first-year student registration information here. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |
| Term 2 - A 13 - 19 Credit Hours | Hours | Minimum Grade | Notes |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |
| Term 2 - B 19 - 25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 6 | | |
| Term 3 - A 25 - 32 Credit Hours | Hours | Minimum Grade | Notes |
| Additional Related Area Course AND Social-Behavioral Sciences (SB) | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 7 | | |
| Term 3 - B 32 - 38 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
| Related Area Course | 3 | C | <ul style="list-style-type: none"> Develop your skills |

| | |
|---|---|
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 |
| ◆ Complete First-Year Composition requirement. | |
| ◆ Complete Mathematics (MA) requirement. | |
| Term hours subtotal: | 6 |

| Term 4 - A 38 - 45 Credit Hours Critical course signified by ◆ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | |
|---|---|
| ◆ Literacy and Critical Inquiry (L) | 3 |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 |
| Term hours subtotal: | 7 |

| Term 4 - B 45 - 51 Credit Hours | Hours | Minimum Grade | Notes |
|---------------------------------|-------|---------------|-------|
|---------------------------------|-------|---------------|-------|

| | | | |
|--|---|---|---|
| Additional Related Area Course AND Social-Behavioral Sciences (SB) | 3 | C | • Related Area Course cannot be from SOC courses. |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - A 51 - 57 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|-------------------------------------|---|---|
| ★ SOC 390: Social Statistics I (CS) | 3 | C |
| SOC Elective | 3 | C |
| Term hours subtotal: | 6 | |

| Term 5 - B 57 - 63 Credit Hours | Hours | Minimum Grade | Notes |
|---------------------------------|-------|---------------|-------|
|---------------------------------|-------|---------------|-------|

| | | | |
|-------------------------|---|---|---|
| Related Area Course | 3 | C | • Develop your professional online presence |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - A 63 - 69 Credit Hours | Hours | Minimum Grade | Notes |
|---------------------------------|-------|---------------|-------|
|---------------------------------|-------|---------------|-------|

| | | |
|------------------------------|---|---|
| Science and Society Elective | 3 | C |
| Upper Division Elective | 3 | |
| Term hours subtotal: | 6 | |

| Term 6 - B 69 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|--|---|---|
| ★ SOC Upper Division Elective | 3 | C |
| Upper Division Elective | 3 | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |
| Term hours subtotal: | 6 | |

| Term 7 - A 75 - 81 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|--|---|---|
| ★ SOC 391: Research Methods (L or SB) OR FAS 361: Research Methods (L or SB) | 3 | C |
| Elective | 3 | |
| Term hours subtotal: | 6 | |

| Term 7 - B 81 - 87 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|---|---|---|
| ★ SOC Upper Division Elective | 3 | C |
| Upper Division Science and Society Elective | 3 | C |
| Term hours subtotal: | 6 | |

| Term 8 - A 87 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ SOC 483: History of Social Thought (SB) | 3 | C | • Use Handshake to research employment opportunities |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 93 - 99 Credit Hours | Hours | Minimum Grade | Notes |
|---------------------------------|-------|---------------|-------|
| Complete 2 courses: | | | |
| Upper Division Elective | 6 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - A 99 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ SOC Upper Division Elective | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - B 105 - 111 Credit Hours | Hours | Minimum Grade | Notes |
|-----------------------------------|-------|---------------|-------|
| Related Area Course | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 10 - A 111 - 117 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ SOC Upper Division Elective | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 10 - B 117 - 120 Credit Hours | Hours | Minimum Grade | Notes |
|------------------------------------|-------|---------------|--|
| Elective | 3 | | • Apply for full-time career opportunities |
| Term hours subtotal: | 3 | | |

- All students pursuing a BS or BSP in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count toward any major, minor, related fields, and ASU General Studies requirements.
- Students choose 9 credit hours from the related area prefixes below. The additional 6 credit hours of related area work may be from any prefix but must also carry the "SB" General Studies designation.

Hide Course List(s)/Track Group(s)

Related Area Courses

AFR OR APA OR CDE OR ECN OR FAS
OR GCU OR HST OR POS OR PSY OR TCL
OR WST Elective

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.








2020 - 2021 Major Map

Spanish - Linguistics, BA

School/College: [The College of Liberal Arts and Sciences](#)

Location: [Tempe campus](#)

LASPABA

| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  SLC 201: Introduction to Linguistics (HU or SB) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Only true beginners are eligible to take SPA 101 and are required to take a Spanish Placement Test. • Learn about Spanish Language Intensive Courses. • Engage in Spanish at ASU. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| SPA 111: Fundamentals of Spanish OR SPA 110: Intensive Spanish I (G) | 4-6 | C | |
| Maintain 2.33 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 14-16 | | |
| Term 2 14 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • Start planning to study abroad. Learn about Global Intensive Experience and/or faculty-directed summer programs in Argentina, Brazil, Cuba, Mexico, and Leon or Sevilla, Spain, offered through ASU Study Abroad and the School of International Letters and Cultures (SILC). • Attend a Financing Your Study Abroad Workshop. • Spanish offers a huge advantage if you are interested in working in the Peace Corps. • Students who have earned credit for SPA 102, SPA 110, or SPA 111 may opt to take SPA 210 Intensive Spanish II in Term 2. • Select your Career Interest Communities and play me3@ASU. |
| SPA 201: Intermediate Spanish (G) OR SPA 203: Intermediate Spanish I for Bilinguals (G) | 4-6 | C | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Complete 2 courses: Elective | 6 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Maintain 2.33 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 16-18 | | |
| Term 3 30 - 44 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
| SPA 202: Intermediate Spanish (G) OR SPA 204: Intermediate Spanish II for Bilinguals (G) | 4 | C | <ul style="list-style-type: none"> • Meet with a School of International Letters and Cultures academic advisor to discuss internships and scholarships and awards for language and culture majors. • Upper-Division SPA course requirements for this major offered in subsequent terms have L, CS, HU, SB, C, G, and H designations that may be applied to University General Studies and Awareness Area requirements for the degree. |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete 2 courses: Elective | 6 | | |
|  Complete First-Year Composition requirement. | | | |
|  Complete Mathematics (MA) requirement. | | | |
| Maintain 2.33 GPA in Critical Tracking Courses. | | | |

Term hours subtotal: 14

| Term 4 44 - 60 Credit Hours Critical course signified by ⚠ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ⚠ SLC 202: Introduction to Literary and Cultural Theory | 3 | C | <ul style="list-style-type: none"> • Proficiency in Spanish and/or Portuguese offers an advantage to those who are interested in U.S. State Department careers. • Learn about research opportunities through the ASU Humanities Lab. |
| ⚠ SPA 313: Spanish Conversation and Composition (G) OR SPA 315: Advanced Spanish I for Bilinguals (C) | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Elective | 3 | | |
| Maintain 2.33 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 16 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ SPA 314: Spanish Conversation and Composition (G) OR SPA 316: Advanced Spanish II for Bilinguals (L & C) | 3 | C | <ul style="list-style-type: none"> • Enroll in listed courses or meet with a SILC academic advisor to discuss the best study abroad options for your major. • Explore your career interest area with your academic advisor. |
| ★ POR 101: Elementary Portuguese I OR POR 320: Portuguese for Spanish Speakers I | 3-4 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15-16 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ SPA 400: Fundamentals of Spanish Linguistics (SB & G) | 3 | C | <ul style="list-style-type: none"> • Learn about national scholarships, fellowships and research opportunities. • Many upper-division elective courses have prerequisites which may be taken as electives in earlier semesters. • Use Handshake to research employment opportunities. |
| ★ SPA 412: Advanced Conversation and Composition (G) | 3 | C | |
| ★ POR 102: Elementary Portuguese II OR POR 321: Portuguese for Spanish Speakers II | 3-4 | C | |
| SPA 471: Civilization of the Indohispanomexicano Southwest ((L or HU) & C) OR SPA 472: Latin American Society: Five Case Studies (HU & H & G) OR SPA 473: Old and New Spaniards: Culture and Civilization of Spain ((HU or SB) & G) OR SPA 474: Revolutionary Mexico and Postmodern Revisions ((L or HU) & G) | 3 | C | |
| Upper Division Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15-16 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ SPA 418: Architecture of Spanish | 3 | C | <ul style="list-style-type: none"> • Develop your skills. |
| ★ SPA 420: Applied Spanish Linguistics (L) | 3 | C | |
| ★ Upper Division SPA Elective | 3 | C | |
| Upper Division Elective OR SPA 484: Internship | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | |
|--|----|---|
| ★ SPA 417: The Sounds of Spanish (CS) | 3 | C |
| ★ SPA 419: Spanish Around the World (CS & C) | 3 | C |
| ★ 4** SLC Required Culture Course | 3 | C |
| Complete 2 courses: Upper Division Elective | 6 | |
| Term hours subtotal: | 15 | |

- Attend an ASU Career Services Workshop or Career Fair.

- SLC 400-level language and/or translation courses may not be used to satisfy the SLC 400-Level Required Course.

Hide Course List(s)/Track Group(s)

| SLC 400-Level Required Culture Course | Upper Division SPA Elective |
|--|---|
| SLC 414: French and Italian Popular Culture ((L or HU) & G) | SPA 319: Business Correspondence and Communication (G) |
| SLC 415: Korean Popular Culture (HU & G) | SPA 394: Special Topics |
| SLC 423: Italian Organized Crime in Films and History ((L or HU) & G) | SPA 413: Spanish Grammar in Context (G) |
| SLC 425: What is Globalization? A History of Contact and Conflict (HU & G) | SPA 414: Spanish for Sustainability and Environmental Studies |
| SLC 429: Studies in European Literature and Culture ((L or HU) & G & H) | SPA 421: Spanish in the Southwest (C) |
| SLC 439: Art in Exile: VladĀ-mir VladĀ-mirovich Nabokov (L or HU) | SPA 484: Internship |
| SLC 441: Fairy Tales (HU & G) | SPA 494: Special Topics |
| SLC 442: Dracula and Vampire Lore (HU) | |
| SLC 444: Heroes Ancient and Modern (L or HU) | |
| SLC 445: The Holocaust in German-Mediated Memory | |
| SLC 446: Weimar-Era German Film | |
| SLC 447: German Modernism | |
| SLC 450: Experimental Narrative | |
| SLC 451: Chinese Cultural History I ((HU or SB) & H) | |
| SLC 452: Chinese Cultural History II (SB & G & H) | |
| SLC 455: Berlin: Migration Arts and Activism (G) | |
| SLC 457: Premodern Korea in a Global Context | |
| SLC 459: Latin American Jewish Culture | |

SLC 465: Intercultural Communicative
Competence

SLC 475: Latin American Film ((L or HU) &
G)

SLC 494: Special Topics

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.







2020 - 2021 Major Map

Spanish - Literature and Culture, BA

School/College: [The College of Liberal Arts and Sciences](#)

Location: [Tempe campus](#)

LASPABA

| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  SLC 201: Introduction to Linguistics (HU or SB) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first year students. • Only true beginners are eligible to take SPA 101 and are required to request a permission override to register for this course. Students who have had previous experience in Spanish are required to take a Spanish Placement Test. • Learn about Spanish Language Intensive Courses. • SPA 101 and 102 or SPA 110 may be substituted for SPA 111 • Engage in Spanish at ASU. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| SPA 111: Fundamentals of Spanish | 4 | C | |
| Maintain 2.33 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 14 | | |
| Term 2 14 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • Start to plan your study abroad experience. Learn about faculty-directed Global Intensive Experience and summer abroad programs in Argentina, Brazil, Costa Rica, Mexico, and Leon or Sevilla, Spain, offered through the ASU Study Abroad Office and the School of International Letters and Cultures. • Attend a Financing Your Study Abroad Workshop. • Students may opt to take SPA 210 Intensive Spanish II, a six credit course equivalent to SPA 201 and SPA 202 in term 2. • Activate your Handshake account and build out your profile. |
| SPA 201: Intermediate Spanish (G) OR SPA 203: Intermediate Spanish I for Bilinguals (G) | 4 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Elective | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Maintain 2.33 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 16 | | |
| Term 3 30 - 44 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
| SPA 202: Intermediate Spanish (G) OR SPA 204: Intermediate Spanish II for Bilinguals (G) | 4 | C | <ul style="list-style-type: none"> • Meet with a School of International Letters and Cultures academic advisor to discuss internships and scholarships and awards for language and culture majors. • Many upper-division elective courses have prerequisites which may be taken as electives in earlier semesters. |
| Natural Science - Quantitative (SQ) | 4 | | |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Elective | 3 | | |
|  Complete First-Year Composition requirement. | | | |

🚩 Complete Mathematics (MA) requirement.

Maintain 2.33 GPA in Critical Tracking Courses.

Term hours subtotal: 14

- Learn about research opportunities through the [Humanities Lab](#).
- Select your [Career Interest Communities](#) and play [me3@ASU](#).

| Term 4 44 - 60 Credit Hours Critical course signified by 🚩 | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| 🚩 SLC 202: Introduction to Literary and Cultural Theory | 3 | C | <ul style="list-style-type: none"> • Proficiency in Spanish and/or Portuguese is a great advantage to those who wish to pursue a career with the U.S. Department of State or the Peace Corps. • Visit Career and Professional Development Services and meet with a career advisor for assistance with career planning and networking. |
| 🚩 SPA 313: Spanish Conversation and Composition (G) OR SPA 315: Advanced Spanish I for Bilinguals (C) | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Complete 2 courses: | | | |
| Elective | 6 | | |
| Maintain 2.33 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 16 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by ⭐ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ⭐ SPA 314: Spanish Conversation and Composition (G) OR SPA 316: Advanced Spanish II for Bilinguals (L & C) | 3 | C | <ul style="list-style-type: none"> • Enroll in listed courses or meet with a SILC academic advisor to discuss the best study abroad options for your major. • Explore your career interest area with your academic advisor. |
| POR 101: Elementary Portuguese I OR POR 320: Portuguese for Spanish Speakers I | 3-4 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Complete 2 courses: | | | |
| Elective | 6 | | |
| Term hours subtotal: | 15-16 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by ⭐ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ⭐ SPA 325: Introduction to Hispanic Literature (HU) | 3 | C | <ul style="list-style-type: none"> • Many upper-division elective courses have prerequisites which may be taken as electives in earlier semesters. • Learn about national scholarships, fellowships and research opportunities. |
| ⭐ SPA 412: Advanced Conversation and Composition (G) | 3 | C | |
| POR 102: Elementary Portuguese II OR POR 321: Portuguese for Spanish Speakers II | 3-4 | C | |
| SPA 471: Civilization of the Indohispanomexicano Southwest ((L or HU) & C) OR SPA 472: Latin American Society: Five Case Studies (HU & H & G) OR SPA 473: Old and New Spaniards: Culture and Civilization of Spain ((HU or SB) & G) OR SPA 474: Revolutionary Mexico and Postmodern Revisions ((L or HU) & G) | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| ⭐ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15-16 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by ⭐ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ⭐ 4** Spanish Literature Course | 3 | C | <ul style="list-style-type: none"> • Develop your skills. |
| ⭐ Upper Division Spanish Literature and Culture Electives | 3 | C | |
| SPA Upper Division Elective | 3 | C | |
| Upper Division Elective | 3 | | |
| Elective | 3-4 | | |
| Term hours subtotal: | 15-16 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  4** SLC Required Culture Course | 3 | C | • Attend an ASU Career Services Workshop or Career Fair. |
|  Complete 2 courses: Upper Division Spanish Literature and Culture Electives | 6 | C | |
| Complete 2 courses: Upper Division Elective | 6 | | |
| Term hours subtotal: | 15 | | |

- Students in the Spanish BA literature concentration must choose two upper-division courses (six credit hours) of Spanish literature electives from a single regional option. Regional options include Latin American, Mexican American and Peninsular literature.
- SLC 400-level language and/or translation courses may not be used to satisfy the SLC 400-Level Required Course.

Hide Course List(s)/Track Group(s)

| 4** Level Spanish Literature Course | SLC 400-Level Required Culture Course | Upper Division Spanish Elective Literature and Culture Courses |
|---|--|---|
| SPA 425: Foundational Texts of Spain (L or HU) | SLC 414: French and Italian Popular Culture ((L or HU) & G) | SPA 319: Business Correspondence and Communication (G) |
| SPA 426: Literature and Society in Modern Spain (HU) | SLC 415: Korean Popular Culture (HU & G) | SPA 394: Special Topics |
| SPA 427: Colonial and Postcolonial Latin American Literature (L or HU) | SLC 421: Ghosts Monsters and Supernatural in Jpn Lit&Film ((L or HU) & G) | SPA 414: Spanish for Sustainability and Environmental Studies |
| SPA 428: Foundational Texts of Latin American Literature Since Modernismo ((L or HU) & G) | SLC 421: Japanese Film and Animation 1945-present ((L or HU) & G) | SPA 456: 20th-Century Spanish American Fiction |
| SPA 429: Writing Mexico: Major Texts ((L or HU) & G) | SLC 421: Japanese Literature in Translation ((L or HU) & G) | SPA 470: Law Societies and Justice in Latino-America (SB & G) |
| SPA 464: JaitÃ³n Works in Chicano/a Literature ((HU or SB) & C) | SLC 421: Samurai and Geisha ((L or HU) & G) | SPA 475: Latin American Film ((L or HU) & G) |
| SPA 486: Chicano/a Novel: Ãltima Rafa y Lala | SLC 423: Italian Organized Crime in Films and History ((L or HU) & G) | SPA 481: Dictatorships and Dirty Wars: Latin American Cinema from Resistance to Reconciliation (HU & G) |
| SPA 487: Chicano/a Drama: Pachucos Vendidos y Cerezitas (C) | SLC 425: What is Globalization? A History of Contact and Conflict (HU & G) | SPA 485: Chicano/a Short Story: Espanglish Barrio y Xicanisma (L & C) |
| | SLC 429: Studies in European Literature and Culture ((L or HU) & G & H) | SPA 486: Chicano/a Novel: Ãltima Rafa y Lala |
| | SLC 439: Art in Exile: VladÃ-mir VladÃ-mirovich Nabokov (L or HU) | SPA 487: Chicano/a Drama: Pachucos Vendidos y Cerezitas (C) |
| | SLC 441: Fairy Tales (HU & G) | SPA 494: Special Topics |
| | SLC 442: Dracula and Vampire Lore (HU) | |
| | SLC 444: Heroes Ancient and Modern (L or HU) | |
| | SLC 445: The Holocaust in German-Mediated Memory | |
| | SLC 446: Weimar-Era German Film | |

SLC 447: German Modernism

SLC 450: Experimental Narrative

SLC 451: Chinese Cultural History I ((HU or SB) & H)

SLC 452: Chinese Cultural History II (SB & G & H)

SLC 455: Berlin: Migration Arts and Activism (G)

SLC 457: Premodern Korea in a Global Context

SLC 459: Latin American Jewish Culture

SLC 465: Intercultural Communicative Competence

SLC 475: Latin American Film ((L or HU) & G)

SLC 494: Special Topics

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map



Spanish, BA

School/College: [The College of Liberal Arts and Sciences](#)




Location: [Online](#)





















LASPABA

| Term 1 - A 0 - 8 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ASU 101-UC: The ASU Experience | 1 | | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Only true beginners are eligible to take SPA 101 and are required to take a Spanish Placement Test. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| SPA 101: Elementary Spanish I | 4 | C | |
|  Maintain 2.33 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 8 | | |

| Term 1 - B 8 - 15 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • Take advantage of online tutoring. • Utilize ASU libraries. • View ASU Online first-year student registration information here. • Select your Career Interest Communities and play me3@ASU. |
| SPA 102: Elementary Spanish II | 4 | C | |
|  Maintain 2.33 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 7 | | |

| Term 2 - A 15 - 22 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| MAT 142: College Mathematics (MA) | 3 | C | <ul style="list-style-type: none"> • Start to plan your study abroad experience. Learn about Global Intensive Experience and summer abroad programs in Argentina, Brazil, Costa Rica, Mexico, and in Leon or Sevilla, Spain offered through ASU Study Abroad and the School of International Letters and Cultures. • Schedule an appointment with a School of International Letters and Cultures academic advisor to discuss the best study abroad options for your major. |
| SPA 201: Intermediate Spanish (G) OR SPA 203: Intermediate Spanish I for Bilinguals (G) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 2 - B 22 - 29 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| SPA 202: Intermediate Spanish (G) OR SPA 204: Intermediate Spanish II for Bilinguals (G) | 4 | | <ul style="list-style-type: none"> • Meet with a School of International Letters and Cultures academic advisor to discuss the best study abroad options for your major. |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
|  Maintain 2.33 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 7 | | |

| Term 3 - A 29 - 35 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  SLC 201: Introduction to Linguistics (HU or SB) | 3 | C | • Develop your skills . |
|  SPA 313: Spanish Conversation and Composition (G) OR SPA 315: Advanced Spanish I for Bilinguals (C) | 3 | C | |
| Term hours subtotal: | 6 | | |
| Term 3 - B 35 - 41 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  SPA 314: Spanish Conversation and Composition (G) OR SPA 316: Advanced Spanish II for Bilinguals (L & C) | 3 | C | |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | | |
|  Complete First-Year Composition requirement. | | | |
|  Complete Mathematics (MA) requirement. | | | |
|  Maintain 2.33 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 6 | | |
| Term 4 - A 41 - 48 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  SPA 325: Introduction to Hispanic Literature (HU) | 3 | C | • Connect with ASU Online Career and Professional Development Services. |
| Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 7 | | |
| Term 4 - B 48 - 54 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  SPA 412: Advanced Conversation and Composition (G) | 3 | C | |
| Elective | 3 | | |
|  Maintain 2.33 GPA in Critical Tracking Courses. | | | |
| Term hours subtotal: | 6 | | |
| Term 5 - A 54 - 61 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|  Upper Division Major Electives | 3 | C | • Create a first draft resume . |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Term hours subtotal: | 7 | | |
| Term 5 - B 61 - 68 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|  4** Spanish Literature | 3 | C | |
| Elective | 4 | | |
| Term hours subtotal: | 7 | | |
| Term 6 - A 68 - 74 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|  4** Spanish Literature | 3 | C | • Use Handshake to research employment opportunities . |
| Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 6 | | |
| Term 6 - B 74 - 80 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |

| | | |
|--|---|---|
| ★ 4** Spanish Literature | 3 | C |
| | | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | |
| | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |
| | | |
| Term hours subtotal: | 6 | |

- Earn credit toward your Spanish major abroad. Learn about your [study abroad](#) options.
- Explore an [internship](#).

| Term 7 - A 80 - 86 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| SPA 471: Civilization of the Indohispanomexicano Southwest ((L or HU) & C) OR SPA 472: Latin American Society: Five Case Studies (HU & H & G) OR SPA 473: Old and New Spaniards: Culture and Civilization of Spain ((HU or SB) & G) | 3 | C | • Use Handshake to research employment opportunities |
| | | | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 86 - 92 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ Upper Division Major Electives | 3 | C | • Develop your professional online presence . |
| | | | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 92 - 99 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ Upper Division Major Electives | 3 | C | |
| | | | |
| Elective | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 8 - B 99 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ Upper Division Major Electives | 3 | C | • Complete an in person or virtual practice interview . |
| | | | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - A 105 - 111 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ SPA 4** Elective | 3 | C | • Gather professional references . |
| | | | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - B 111 - 114 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| POR 101: Elementary Portuguese I OR POR 320: Portuguese for Spanish Speakers I | 3-4 | C | • Three credit hours of POR 101 will be applied to the Spanish major requirements. The remaining 1 credit hour from POR 101 will be applied toward the 120 total credit hours required for graduation. • Learn about ways to build skills . |
| | | | |
| Term hours subtotal: | 3-4 | | |

| Term 10 - A 114 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ Upper Division Major Electives | 3 | C | • Attend a virtual career and internship fair event. |
| | | | |
| Elective | 3 | | |

Term hours subtotal: 6

Hide Course List(s)/Track Group(s)

| 400-Level Spanish Literature | Upper-Division Major Electives |
|---|---|
| SPA 425: Foundational Texts of Spain (L or HU) | SPA 319: Business Correspondence and Communication (G) |
| SPA 426: Literature and Society in Modern Spain (HU) | SPA 400: Fundamentals of Spanish Linguistics (SB & G) |
| SPA 427: Colonial and Postcolonial Latin American Literature (L or HU) | SPA 413: Spanish Grammar in Context (G) |
| SPA 428: Foundational Texts of Latin American Literature Since Modernismo ((L or HU) & G) | SPA 414: Spanish for Sustainability and Environmental Studies |
| SPA 429: Writing Mexico: Major Texts ((L or HU) & G) | SPA 420: Applied Spanish Linguistics (L) |
| SPA 464: JaitÃ³n Works in Chicano/a Literature ((HU or SB) & C) | SPA 425: Foundational Texts of Spain (L or HU) |
| SPA 486: Chicano/a Novel: Ãltima Rafa y Lala | SPA 426: Literature and Society in Modern Spain (HU) |
| SPA 487: Chicano/a Drama: Pachucos Vendidos y Cerezitas (C) | SPA 427: Colonial and Postcolonial Latin American Literature (L or HU) |
| | SPA 428: Foundational Texts of Latin American Literature Since Modernismo ((L or HU) & G) |
| | SPA 429: Writing Mexico: Major Texts ((L or HU) & G) |
| | SPA 470: Law Societies and Justice in Latino-America (SB & G) |
| | SPA 471: Civilization of the Indohispanomexicano Southwest ((L or HU) & C) |
| | SPA 472: Latin American Society: Five Case Studies (HU & H & G) |
| | SPA 473: Old and New Spaniards: Culture and Civilization of Spain ((HU or SB) & G) |
| | SPA 484: Internship |
| | SPA 486: Chicano/a Novel: Ãltima Rafa y Lala |
| | SPA 487: Chicano/a Drama: Pachucos Vendidos y Cerezitas (C) |
| | SPA 494: Advanced Spanish for Healthcare |
| | SPA 494: Spanish with a Legal Focus |

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.





2020 - 2021 Major Map





Technological Leadership, BS

School/College: The College of Liberal Arts and Sciences



Location: Tempe campus

LATECLDRBS

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • Design Pathway Track: complete HDA 296; Spaceworks Pathway Track: complete SES 307; Combination Pathway 1 Track and 2 Track: complete either HDA 296 or AME 240. • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Select your career interest areas and play me3@ASU |
|  HDA 296: Creative Futures: Studio OR AME 240: Introduction to Physical Computing OR SES 307: Space Works I: Design, Model, Build and Test | 3 | C | |
|  IPI 296: Inquiry | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| MAT 265: Calculus for Engineers I (MA) OR MAT 270: Calculus with Analytic Geometry I (MA) | 3-4 | C | |
| PSY 101: Introduction to Psychology (SB) | 3 | C | |
| Term hours subtotal: | 16-17 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • Design Pathway Track: complete HDA 296; Spaceworks Pathway Track: complete SES 307; Combination Pathway 1 Track and 2 Track: complete HDA 296 or AME 240 not taken in Term 1. • Students who complete ENG 105 in Term 1 should complete ENG 215 or ENG 216 to complete one of the two "L" General Studies requirements. • Create a first draft resume |
|  HDA 296: Creative Futures: Studio OR AME 240: Introduction to Physical Computing OR SES 307: Space Works I: Design, Model, Build and Test | 3 | C | |
|  IPI 296: Inquiry OR HUL 250: Introduction to Problem-Based Interdisciplinary Research | 3 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Complete ENG 101 or ENG 105 or ENG 107 course(s) | 0 | | |
| Term hours subtotal: | 16 | | |

| Summer 2 32 - 44 Credit Hours | Hours | Minimum Grade | Notes |
|----------------------------------|-------|---------------|-------|
| IPI 484: Internship | 6 | Y | |
| Science and Society Elective | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 12 | | |

| Term 3 44 - 62 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  IPI 496: Advanced Inquiry | 3 | C | |

| | | |
|---|----|---|
| AME 230: Programming for the Media Arts (CS) OR CSE 110: Principles of Programming (CS) | 3 | C |
| HDA 496: Creative Futures: Advanced Studio OR SES 407: Space Works II: Model, Fabricate and Test OR AME 330: Digital-Physical Systems | 3 | C |
| STP 226: Elements of Statistics (CS) | 3 | C |
| Global Awareness (G) AND Historical Awareness (H) | 3 | |
| Elective | 3 | |
| 🚩 Complete Mathematics (MA) requirement | 0 | |
| Complete First-Year Composition requirement. | | |
| Term hours subtotal: | 18 | |

- Design Pathway Track: complete HDA 496; Spaceworks Pathway Track: complete SES 407; Combination Pathway 1 Track: complete HDA 496; Combination Pathway 2 Track: complete HDA 496 or AME 330 (AME 330 may only be taken one time).
- Develop your **skills**

| Term 4 62 - 78 Credit Hours Critical course signified by 🚩 | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| 🚩 IPI 496: Advanced Inquiry | 3 | C | <ul style="list-style-type: none"> • Design Pathway Track: complete HDA 496; Spaceworks Pathway Track: complete SES 407; Combination Pathway 1 Track: complete HDA 496; Combination Pathway 2 Track: complete HDA 496 or AME 330 (AME 330 may only be taken one time). • Explore an internship |
| COM 230: Small Group Communication (SB) | 3 | C | |
| HDA 496: Creative Futures: Advanced Studio OR SES 407: Space Works II: Model, Fabricate and Test OR AME 330: Digital-Physical Systems | 3 | C | |
| PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ) | 4 | C | |
| WPC 300: Problem Solving and Actionable Analytics | 3 | C | |
| Term hours subtotal: | 16 | | |

| Summer 4 78 - 90 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| IPI 484: Internship | 6 | Y | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 12 | | |

| Term 5 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ IPI 496: Advanced Inquiry | 3 | C | <ul style="list-style-type: none"> • Design Pathway Track: complete HDA 496; Spaceworks Pathway Track: complete SES 407; Combination Pathway 1 Track: complete HDA 496; Combination Pathway 2 Track: complete HDA 496 or AME 330 (AME 330 may only be taken one time). • Develop your professional online presence • Use Handshake to research employment opportunities |
| HDA 496: Creative Futures: Advanced Studio OR SES 407: Space Works II: Model, Fabricate and Test OR AME 330: Digital-Physical Systems | 3 | C | |
| PSY 302: The Psychology of Positive Leadership | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s) | 0 | | |
| Term hours subtotal: | 15 | | |

| Term 6 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ IPI 496: Advanced Inquiry | 3 | C | <ul style="list-style-type: none"> • Design Pathway Track: complete HDA 496; Spaceworks Pathway Track: complete SES 407; Combination Pathway 1 Track: |
| FIS 432: Problem Solving Through Strategic Thinking | 3 | C | |
| HDA 496: Creative Futures: Advanced Studio OR SES 407: Space Works II: Model, Fabricate and Test OR AME 330: Digital-Physical Systems | 3 | C | |

| | | |
|---|----|---|
| LSE 305: Conceptualizing Learning: Theories in Practice | 3 | C |
| Upper Division Science and Society Elective | 3 | C |
| Term hours subtotal: | 15 | |

complete HDA 496; Combination Pathway 2 Track: complete HDA 496 or AME 330 (AME 330 may only be taken one time).

- Gather professional references

- All students pursuing a B.S. or B.S.P. degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

| Design Pathway Track | Spaceworks Pathway Track | Combination Pathway 1 Track |
|---|---|---|
| Students complete two semesters of: | Students complete two semesters of: | Students complete both: |
| HDA 296: Creative Futures: Studio | SES 307: Space Works I: Design Model Build and Test | HDA 296: Creative Futures: Studio |
| Students complete four semesters of: | Students complete four semesters of: | AME 240: Introduction to Physical Computing |
| HDA 496: Creative Futures: Advanced Studio | SES 407: Space Works II: Model Fabricate and Test | Students complete four semesters of: |
| | | HDA 496: Creative Futures: Advanced Studio |
| Combination Pathway 2 Track | | |
| Students complete both: | | |
| HDA 296: Creative Futures: Studio | | |
| AME 240: Introduction to Physical Computing | | |
| Students complete three semesters of: | | |
| HDA 496: Creative Futures: Advanced Studio | | |
| Students complete: | | |
| AME 330: Digital-Physical Systems | | |

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)

Total College Residency Hrs: 12 minimum

- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map



Technological Leadership, BS


School/College: [The College of Liberal Arts and Sciences](#)



Location: [Online](#)

LATECLDRBS

| Term 1 - A 0 - 7 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. • Mathematics Placement Assessment score determines placement in mathematics course. • ASU 101 or college-specific equivalent First-Year Seminar is required for all first-year students. • Select your career interest area and play me3@ASU. |
|  IPI 296: Inquiry | 3 | C | |
| ASU 101-UC: The ASU Experience | 1 | | |
| Term hours subtotal: | 7 | | |



| Term 1 - B 7 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  HDA 296: Creative Futures: Studio OR SES 307: Space Works I: Design, Model, Build and Test | 3 | C | <ul style="list-style-type: none"> • View ASU Online first-year student registration information here. • Design Pathway Track: complete HDA 296; Spaceworks Pathway Track: complete SES 307 |
| MAT 265: Calculus for Engineers I (MA) | 3 | C | |
| PSY 101: Introduction to Psychology (SB) | 3 | C | |
| Term hours subtotal: | 9 | | |




| Term 2 - A 16 - 26 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • Students will complete IPI 296 twice. |
|  IPI 296: Inquiry | 3 | C | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 10 | | |



| Term 2 - B 26 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  HDA 296: Creative Futures: Studio OR SES 307: Space Works I: Design, Model, Build and Test | 3 | C | <ul style="list-style-type: none"> • Students who complete ENG 105 in Term 1 should complete ENG 215 or ENG 216 to complete one of the two "L" General Studies requirements. • Design Pathway Track: complete HDA 296; Spaceworks Pathway Track: complete SES 307. • Create a first draft resume |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Complete ENG 101 or ENG 105 or ENG 107 course(s) | 0 | | |
| Term hours subtotal: | 6 | | |



| Summer 2 32 - 44 Credit Hours | Hours | Minimum Grade | Notes |
|-------------------------------|-------|---------------|-------|
| IPI 484: Internship | 6 | Y | |
| Science and Society Elective | 3 | C | |

| | |
|----------------------------------|----|
| Humanities, Arts and Design (HU) | 3 |
| Term hours subtotal: | 12 |

| Term 3 - A 44 - 53 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  IPI 496: Advanced Inquiry | 3 | C | |
| STP 226: Elements of Statistics (CS) | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 3 - B 53 - 62 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  HDA 496: Creative Futures: Advanced Studio OR SES 407: Space Works II: Model, Fabricate and Test | 3 | C | <ul style="list-style-type: none"> • Design Pathway Track: complete HDA 496; Spaceworks Pathway Track: complete SES 407 • Develop your skills |
| CSE 110: Principles of Programming (CS) | 3 | C | |
| Global Awareness (G) AND Historical Awareness (H) | 3 | | |
|  Complete Mathematics (MA) requirement | | | |
| Complete First-Year Composition requirement. | | | |
| Term hours subtotal: | 9 | | |

| Term 4 - A 62 - 69 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|  IPI 496: Advanced Inquiry | 3 | C | |
| PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ) | 4 | C | |
| Term hours subtotal: | 7 | | |

| Term 4 - B 69 - 78 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  HDA 496: Creative Futures: Advanced Studio OR SES 407: Space Works II: Model, Fabricate and Test | 3 | C | <ul style="list-style-type: none"> • Design Pathway Track: complete HDA 496; Spaceworks Pathway Track: complete SES 407 • Explore an internship |
| COM 230: Small Group Communication (SB) | 3 | C | |
| WPC 300: Problem Solving and Actionable Analytics | 3 | C | |
| Term hours subtotal: | 9 | | |

| Summer 4 78 - 90 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| IPI 484: Internship | 6 | Y | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 12 | | |

| Term 5 - A 90 - 99 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|  IPI 496: Advanced Inquiry | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 5 - B 99 - 105 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|---|---|---|
| ★ HDA 496: Creative Futures: Advanced Studio OR SES 407: Space Works II: Model, Fabricate and Test | 3 | C |
| PSY 302: The Psychology of Positive Leadership | 3 | C |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s) | 0 | |
| Term hours subtotal: | 6 | |

- Design Pathway Track: complete HDA 496; Spaceworks Pathway Track: complete SES 407
- Develop your **professional online presence**
- Use Handshake to research **employment opportunities**

| Term 6 - A 105 - 114 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ IPI 496: Advanced Inquiry | 3 | C | |
| FIS 432: Problem Solving Through Strategic Thinking | 3 | C | |
| LSE 305: Conceptualizing Learning: Theories in Practice | 3 | C | |
| Term hours subtotal: | 9 | | |

| Term 6 - B 114 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ HDA 496: Creative Futures: Advanced Studio OR SES 407: Space Works II: Model, Fabricate and Test | 3 | C | <ul style="list-style-type: none"> • Design Pathway Track: complete HDA 496; Spaceworks Pathway Track: complete SES 407 • Gather professional references |
| Upper Division Science and Society Elective | 3 | C | |
| Term hours subtotal: | 6 | | |

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

| Spaceworks Pathway Track | Design Pathway Track |
|---|--|
| Students complete two semesters of: | Students complete two semesters of: |
| SES 307: Space Works I: Design Model Build and Test | HDA 296: Creative Futures: Studio |
| Students complete four semesters of: | Students complete four semesters of: |
| SES 407: Space Works II: Model Fabricate and Test | HDA 496: Creative Futures: Advanced Studio |

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum

General University Requirements Legend

- General Studies Core Requirements:
- Literacy and Critical Inquiry (L)

Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map



Transborder Chicana/o and Latina/o Studies (Media and Expressive Culture), BA




School/College: The College of Liberal Arts and Sciences

Location: Tempe campus

LATCLMBA

| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, unless CLEP or AP credit fulfills this requirement. Majors are expected to fulfill this requirement in Spanish. • Select your career interest area and play me3@ASU |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of Spanish SPA language course at the intermediate level (202 or equivalent). | 4 | C | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • Explore and select a career interest area. |
| Second Language: Requirement satisfied through the following: * Completion of Spanish SPA language course at the intermediate level (202 or equivalent). | 4 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| TCL Elective | 3 | C | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). Term hours subtotal: | 16 | | |

| Term 3 30 - 44 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  TCL 201: Transborder Society and Culture I: Interdisciplinary Approaches (HU & C) | 3 | C | <ul style="list-style-type: none"> • Join a student club or professional organization |
| TCL 220: Transborder Latina/o Expressive Culture ((L or HU or SB) & C) | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of Spanish SPA language course at the intermediate level (202 or equivalent). | 4 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
|  Complete Mathematics (MA) requirement. | | | |

Complete First-Year Composition requirement.

Term hours subtotal: 14

| Term 4 44 - 60 Credit Hours Critical course signified by ⚠ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ⚠ TCL 202: Transborder Society and Culture II: Contemporary Issues (SB & C) | 3 | C | <ul style="list-style-type: none"> • Completion of The College Second Language requirement is recommended by term 4. • Secure a part-time job or volunteer experience |
| Media and Expressive Culture Track Course | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of Spanish SPA language course at the intermediate level (202 or equivalent). | 4 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Elective | 2 | | |
| Term hours subtotal: | 16 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ TCL 303: Transborder Theory (SB) OR SOC 303: Transborder Theory (SB) | 3 | C | <ul style="list-style-type: none"> • Upper-division Spanish course requirement for the major may be fulfilled by AP credit earned. • Explore an internship |
| TCL 332: Mexican American History Since 1900 (SB & H & C) OR HST 332: Mexican American History Since 1900 (SB & H & C) | 3 | C | |
| Media and Expressive Culture Track Course | 3 | C | |
| SPA Upper Division Elective | 3 | C | |
| Upper Division Elective OR TCL 484: Internship | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ TCL 304: Transborder Research Methods (SB & C) | 3 | C | <ul style="list-style-type: none"> • Use Handshake to research employment opportunities |
| Media and Expressive Culture Track Course | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| TCL Elective | 3 | C | |
| Upper Division Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ TCL 305: Transborder Practicum and Field Research | 3 | C | <ul style="list-style-type: none"> • Apply for full-time career opportunities |
| Media and Expressive Culture Track Course | 3 | C | |
| TCL Elective | 3 | C | |
| Complete 2 courses: Upper Division Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ TCL 498: Pro-Seminar | 3 | C | |
| Complete 4 courses: Upper Division Elective | 12 | | |

Term hours subtotal: 15

Hide Course List(s)/Track Group(s)

Media and Expressive Culture

TCL 211: Latinx Poetics (HU & C)

TCL 310: Folklore of the Southwest (HU & C)

TCL 328: U.S. Latino Religion and Culture (HU & C)

TCL 331: Mexican American History to 1900 (SB & H & C)

TCL 335: Historical Studies in Race Crime and the Law

TCL 350: Mexican and Chicana/o Artistic Production (HU & C & G)

TCL 351: Chicana/o and Latina/o Art (HU & C)

TCL 352: Chicana/o Film (C)

TCL 363: Transborder Mexican and Chicano/a Literature of Southwest North America ((L or HU) & C)

TCL 370: Signs of Aliens: Semiotics of Film and Popular Culture (HU)

TCL 464: Latina/o Literature ((L or HU) & C)

TCL 471: Latinos In Hollywood (HU & C)

TCL 485: Chicana and Latina Writers ((L or HU) & C)

TCL 490: Transborder Queer Performativity (HU & C)

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)

Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.

2020 - 2021 Major Map





Journalism and Mass Communication, BA



School/College: Walter Cronkite School of Journalism & Mass Comm

Location:
CSJMCBA

and
Transborder
Chicana/o
and
Latina/o
Studies
(Media and
Expressive
Culture),
BA

The College of Liberal Arts and Sciences
LATCLMBA

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  JMC 101: Grammar for Journalists | 1 | B- | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Majors are expected to fulfill The College's language requirement in Spanish. In addition, all majors must demonstrate proficiency in Spanish by passing an upper-division Spanish course. • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. |
|  JMC 110: Principles and History of Journalism (SB) | 3 | C | |
| ASU 101-CS: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| JMC 102: Coding for Journalists | 1 | C | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of Spanish SPA language course at the intermediate level (202 or equivalent). | 4 | C | |
|  Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  JMC 201: News Reporting and Writing (L) | 3 | C | <ul style="list-style-type: none"> • Select your career interest communities and play me3@ASU • Develop your professional online presence |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| JMC 305: Multimedia Journalism | 3 | C | |
| STP 226: Elements of Statistics (CS) | 3 | | |
| | | | |

Second Language: Requirement satisfied through the following: 4 C
 * Completion of Spanish SPA language course at the intermediate level (202 or equivalent).

❖ Complete ENG 101 OR ENG 105 OR ENG 107 course(s).

❖ Minimum 2.50 GPA ASU Cumulative.

Term hours subtotal: 16

| Term 3 32 - 48 Credit Hours Critical course signified by ❖ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ❖ JMC 366: Journalism Ethics and Diversity | 3 | C | • Build your professional connections -- join the ASU Mentor Network |
| ❖ TCL 201: Transborder Society and Culture I: Interdisciplinary Approaches (HU & C) | 3 | C | |
| ❖ TCL 220: Transborder Latina/o Expressive Culture ((L or HU or SB) & C) | 3 | C | |
| PSY 101: Introduction to Psychology (SB) OR SOC 101: Introductory Sociology (SB) | 3 | | |
| Second Language: Requirement satisfied through the following: * Completion of Spanish SPA language course at the intermediate level (202 or equivalent). | 4 | C | |
| ❖ Complete First-Year Composition requirement. | | | |
| ❖ Complete Mathematics (MA) requirement. | | | |
| ❖ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 48 - 65 Credit Hours Critical course signified by ❖ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ❖ JMC 301: Intermediate Reporting and Writing (L) | 3 | C | • Complete Spanish language proficiency by end of semester 4 for The College requirement. Completion of SPA 201 or SPA 202 can be used to satisfy Global Awareness (G) General Studies requirement. • Students should consult with an academic advisor to determine a journalism path and appropriate course selections for Professional Program Courses and JMC Advanced Skill courses. |
| ❖ TCL 202: Transborder Society and Culture II: Contemporary Issues (SB & C) | 3 | C | |
| JMC 313: Introduction to Editing OR JMC 345: Videography OR JMC 448: Non-Narrative Video Storytelling | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of Spanish SPA language course at the intermediate level (202 or equivalent) that has a Global Awareness (G) designation.. | 4 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| ❖ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 17 | | |

| Term 5 65 - 81 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ JMC 473: The Business and Future of Journalism | 3 | C | • Students should consult with an academic advisor to determine a journalism path and appropriate course selections for Professional Program Courses and JMC Advanced Skill courses. |
| ★ TCL 303: Transborder Theory (SB) OR SOC 303: Transborder Theory (SB) | 3 | C | |
| JMC 435: Latino and Transnational Issues | 3 | C | |
| TCL 332: Mexican American History Since 1900 (SB & H & C) OR HST 332: Mexican American History Since 1900 (SB & H & C) | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |

Term hours subtotal: 16

| Term 6 81 - 99 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ JMC 402: Mass Communication Law | 3 | C | • Explore an internship |
| ★ TCL 304: Transborder Research Methods (SB & C) | 3 | C | |
| JMC 470: Depth Reporting | 3 | C | |
| POS 110: American Government and Politics (SB) OR POS 310: American National Government (SB) | 3 | | |
| Media and Expressive Culture Track Course | 3 | C | |
| SPA Upper Division Elective | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |

Term hours subtotal: 18

| Term 7 99 - 114 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ TCL 305: Transborder Practicum and Field Research | 3 | C | • Gather professional references |
| JMC 484: Internship | 3 | Y | |
| Upper Division JMC Advanced Skills Course | 3 | C | |
| Media and Expressive Culture Track Course | 3 | C | |
| Philosophy Course AND Humanities, Arts and Design (HU) | 3 | | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |

Term hours subtotal: 15

| Term 8 114 - 129 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ TCL 498: Pro-Seminar | 3 | C | • Professional programs require placement. Please consult your academic advisor. • Apply for full-time career opportunities . |
| ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB) | 3 | | |
| Complete 2 courses: Media and Expressive Culture Track Course | 6 | C | |
| Professional Program Course | 3 | C | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |

Term hours subtotal: 15

- Students must complete a three credit hour JMC Advanced Skills Course and a three credit hour JMC Professional Program Course chosen in consultation with an academic advisor from the Cronkite School of Journalism and Mass Communication.
- Students must complete 15 credit hours from the Media and Expressive Culture Track.

Hide Course List(s)/Track Group(s)

| | | |
|--|--|-------------------------------|
| Philosophy Course | Professional Program Courses | JMC Advanced Skills Course |
| HON 171: The Human Event (L or HU) | JMC 477: New Media Innovation and Entrepreneurship Lab | JMC 320: Newscast Producing |
| PHI 101: Introduction to Philosophy (HU) | | JMC 330: Television Reporting |

| | | |
|--|---|--|
| PHI 103: Principles of Sound Reasoning (L or HU) | JMC 478: Cronkite News: Los Angeles | JMC 333: Advanced Bilingual Broadcast Reporting |
| PHI 105: Intro to Ethics (HU) | JMC 478: Cronkite News: Phoenix Bureau | JMC 351: Photojournalism I |
| PHI 306: Applied Ethics (HU) | JMC 479: Cronkite News: Washington Bureau | JMC 413: Advanced Editing |
| | JMC 485: Television Magazine | JMC 414: Digital Graphic Design |
| | | JMC 421: Advanced Digital Storytelling |
| | | JMC 430: Sports Marketing and Campaigns |
| | | JMC 434: Advanced Bilingual Reporting |
| | | JMC 437: Documentary Production |
| | | JMC 440: Magazine Writing |
| | | JMC 455: Digital Media Entrepreneurship |
| | | JMC 460: Advanced Online Media |
| | | JMC 465: Telling Stories with Data |
| | | JMC 477: New Media Innovation and Entrepreneurship Lab |
| | JMC 478: Cronkite News: Los Angeles | |
| | JMC 478: Cronkite News: Phoenix Bureau | |
| | JMC 479: Cronkite News: Washington Bureau | |
| | JMC 485: Television Magazine | |
| | JMC 486: Digital Audiences Lab | |

Media and Expressive Culture Track

| |
|--|
| TCL 211: Latinx Poetics (HU & C) |
| TCL 310: Folklore of the Southwest (HU & C) |
| TCL 328: U.S. Latino Religion and Culture (HU & C) |
| TCL 331: Mexican American History to 1900 (SB & H & C) |
| TCL 335: Historical Studies in Race Crime and the Law |
| TCL 350: Mexican and Chicana/o Artistic Production (HU & C & G) |
| TCL 351: Chicana/o and Latina/o Art (HU & C) |
| TCL 352: Chicana/o Film (C) |
| TCL 363: Transborder Mexican and Chicano/a Literature of Southwest North America ((L or HU) & C) |
| TCL 370: Signs of Aliens: Semiotics of Film and Popular Culture (HU) |

TCL 464: Latina/o Literature ((L or HU) & C)

TCL 471: Latinos In Hollywood (HU & C)

TCL 484: Internship

TCL 485: Chicana and Latina Writers ((L or HU) & C)

TCL 490: Transborder Queer Performativity (HU & C)

Total Hours: 129

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map



Transborder Chicana/o and Latina/o Studies (Transborder Community Development and Health), BA




School/College: The College of Liberal Arts and Sciences

Location: Tempe campus



LATCLTBA



| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, unless CLEP or AP credit fulfills this requirement. Majors are expected to fulfill this requirement in Spanish. • Select your career interest area and play me3@ASU |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of Spanish SPA language course at the intermediate level (202 or equivalent). | 4 | C | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Term hours subtotal: | 14 | | |




| Term 2 14 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • Explore and select a career interest area |
| Second Language: Requirement satisfied through the following: * Completion of Spanish SPA language course at the intermediate level (202 or equivalent). | 4 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| TCL Elective | 3 | C | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). Term hours subtotal: | 16 | | |

| Term 3 30 - 44 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  TCL 201: Transborder Society and Culture I: Interdisciplinary Approaches (HU & C) | 3 | C | <ul style="list-style-type: none"> • Join a student club or professional organization |
| Second Language: Requirement satisfied through the following: * Completion of Spanish SPA language course at the intermediate level (202 or equivalent). | 4 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
|  Complete Mathematics (MA) requirement. | | | |
| Complete First-Year Composition requirement. | | | |

Term hours subtotal: 14

| Term 4 44 - 60 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  TCL 202: Transborder Society and Culture II: Contemporary Issues (SB & C) | 3 | C | <ul style="list-style-type: none"> • Completion of The College Second Language requirement is recommended by term 4 • Secure a part-time job or volunteer experience |
| Transborder Community Development & Health Track Course | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of Spanish SPA language course at the intermediate level (202 or equivalent). | 4 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Elective | 2 | | |
| Term hours subtotal: | | 16 | |

| Term 5 60 - 75 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  TCL 303: Transborder Theory (SB) OR SOC 303: Transborder Theory (SB) | 3 | C | <ul style="list-style-type: none"> • Upper-division Spanish course requirement for the major may be fulfilled by AP credit earned. • Explore an internship |
| TCL 323: Latina/o Health Issues (SB & C) | 3 | C | |
| TCL 332: Mexican American History Since 1900 (SB & H & C) OR HST 332: Mexican American History Since 1900 (SB & H & C) | 3 | C | |
| SPA Upper Division Elective | 3 | C | |
| Upper Division Elective OR TCL 484: Internship | 3 | | |
| Term hours subtotal: | | 15 | |

| Term 6 75 - 90 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  TCL 304: Transborder Research Methods (SB & C) | 3 | C | <ul style="list-style-type: none"> • Use Handshake to research employment opportunities |
| Transborder Community Development & Health Track Course | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| TCL Elective | 3 | C | |
| Elective | 3 | | |
|  Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | | 15 | |

| Term 7 90 - 105 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  TCL 305: Transborder Practicum and Field Research | 3 | C | <ul style="list-style-type: none"> • Apply for full-time career opportunities |
| TCL 321: Transborder Community Development and Health OR SOC 320: Transborder Community Development and Health | 3 | C | |
| TCL Elective | 3 | C | |
| Complete 2 courses: Upper Division Elective | 6 | | |
| Term hours subtotal: | | 15 | |

| Term 8 105 - 120 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|  TCL 498: Pro-Seminar | 3 | C | |
| Transborder Community Development & Health Track Course | 3 | C | |
| Complete 3 courses: | | | |

Hide Course List(s)/Track Group(s)

Transborder Community Development & Health

TCL 315: Latinx Family Structures (SB)

TCL 326: Health of Chicanas and Latinas (SB & C)

TCL 327: Health and Migration (SB)

TCL 342: Social Demographics of Latino Populations (SB & C)

TCL 410: Race Medicine and the Body (L)

TCL 422: U.S.-Mexico Border Health

TCL 424: Theory and Practice of Community Development and Health (SB)

TCL 443: Political Ecology of the Border (SB & G)

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120**Upper Division Hours:** 45 minimum**Major GPA:** 2.00 minimum**Cumulative GPA:** 2.00 minimum**Total hrs at ASU:** 30 minimum**Hrs Resident Credit for****Academic Recognition:** 56 minimum**Total Community College Hrs:** 64 maximum**Total College Residency Hrs:** 12 minimum**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.

2020 - 2021 Major Map

Journalism and Mass Communication, BA

School/College: Walter Cronkite School of Journalism & Mass Comm

Location:
CSJMCBA

and

Transborder

Chicana/o

and Latina/o

Studies

(Transborder

Community





Development



and Health),

BA

The College of Liberal Arts and Sciences

LATCLTBA

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  JMC 101: Grammar for Journalists | 1 | B- | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Majors are expected to fulfill The College's language requirement in Spanish. In addition, all majors must demonstrate proficiency in Spanish by passing an upper-division Spanish course. • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. |
|  JMC 110: Principles and History of Journalism (SB) | 3 | C | |
| ASU 101-CS: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| JMC 102: Coding for Journalists | 1 | C | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of Spanish SPA language course at the intermediate level (202 or equivalent). | 4 | C | |
|  Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  JMC 201: News Reporting and Writing (L) | 3 | C | <ul style="list-style-type: none"> • Select your career interest area and play me3@ASU • Develop your professional online presence |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| JMC 305: Multimedia Journalism | 3 | C | |
| STP 226: Elements of Statistics (CS) | 3 | | |

Second Language: Requirement satisfied through the following: 4 C
 * Completion of Spanish SPA language course at the intermediate level (202 or equivalent).

◆ Complete ENG 101 OR ENG 105 OR ENG 107 course(s).

◆ Minimum 2.50 GPA ASU Cumulative.

Term hours subtotal: 16

| Term 3 32 - 48 Credit Hours Critical course signified by ◆ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | | |
|--|---|---|---|
| ◆ JMC 366: Journalism Ethics and Diversity | 3 | C | <ul style="list-style-type: none"> • Build your professional connections -- join the ASU Mentor Network |
|--|---|---|---|

| | | |
|---|---|---|
| ◆ TCL 201: Transborder Society and Culture I: Interdisciplinary Approaches (HU & C) | 3 | C |
|---|---|---|

| | | |
|--|---|--|
| PSY 101: Introduction to Psychology (SB) OR SOC 101: Introductory Sociology (SB) | 3 | |
|--|---|--|

| | | |
|---|---|---|
| Transborder Community Development and Health Track Course | 3 | C |
|---|---|---|

Second Language: Requirement satisfied through the following:
 * Completion of Spanish SPA language course at the intermediate level (202 or equivalent). 4 C

◆ Complete First-Year Composition requirement.

◆ Complete Mathematics (MA) requirement.

◆ Minimum 2.50 GPA ASU Cumulative.

Term hours subtotal: 16

| Term 4 48 - 65 Credit Hours Critical course signified by ◆ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | | |
|---|---|---|---|
| ◆ JMC 301: Intermediate Reporting and Writing (L) | 3 | C | <ul style="list-style-type: none"> • Complete Spanish language proficiency by end of semester 4 for The College requirement. Completion of SPA 201 or SPA 202 can be used to satisfy Global Awareness (G) General Studies requirement. • Students should consult with an academic advisor to determine a journalism path and appropriate course selections for Professional Program Courses and JMC Advanced Skill courses. |
|---|---|---|---|

| | | |
|---|---|---|
| ◆ TCL 202: Transborder Society and Culture II: Contemporary Issues (SB & C) | 3 | C |
|---|---|---|

| | | |
|---|---|---|
| JMC 313: Introduction to Editing OR JMC 345: Videography OR JMC 448: Non-Narrative Video Storytelling | 3 | C |
|---|---|---|

Second Language: Requirement satisfied through the following:
 * Completion of Spanish SPA language course at the intermediate level (202 or equivalent) that has a Global Awareness (G) designation.. 4 C

| | | |
|-------------------------------------|---|--|
| Natural Science - Quantitative (SQ) | 4 | |
|-------------------------------------|---|--|

◆ Minimum 2.50 GPA ASU Cumulative.

Term hours subtotal: 17

| Term 5 65 - 81 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | |
|--|---|---|
| ★ JMC 473: The Business and Future of Journalism | 3 | C |
|--|---|---|

| | | |
|--|---|---|
| ★ TCL 303: Transborder Theory (SB) OR SOC 303: Transborder Theory (SB) | 3 | C |
|--|---|---|

| | | |
|--|---|---|
| JMC 435: Latino and Transnational Issues | 3 | C |
|--|---|---|

| | | |
|--|---|---|
| TCL 323: Latina/o Health Issues (SB & C) | 3 | C |
|--|---|---|

| | | |
|---|---|--|
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | |
|---|---|--|

★ Minimum 2.50 GPA ASU Cumulative.

Term hours subtotal: 16

| | | Minimum | |
|--|--|---------|--|
|--|--|---------|--|

| Term 6 81 - 99 Credit Hours Necessary course signified by ★ | Hours | Grade | Notes |
|---|-------|-------|--------------------------------|
| ★ JMC 402: Mass Communication Law | 3 | C | • Explore an internship |
| ★ TCL 304: Transborder Research Methods (SB & C) | 3 | C | |
| JMC 470: Depth Reporting | 3 | C | |
| TCL 332: Mexican American History Since 1900 (SB & H & C) OR HST 332: Mexican American History Since 1900 (SB & H & C) | 3 | C | |
| POS 110: American Government and Politics (SB) OR POS 310: American National Government (SB) | 3 | | |
| SPA Upper Division Elective | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | | 18 | |

| Term 7 99 - 114 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ TCL 305: Transborder Practicum and Field Research | 3 | C | • Students should consult with an academic advisor to determine a journalism path and appropriate course selections for Professional Program Courses and JMC Advanced Skill courses. • Gather professional references |
| JMC 484: Internship | 3 | Y | |
| TCL 321: Transborder Community Development and Health OR SOC 320: Transborder Community Development and Health | 3 | | |
| Upper Division JMC Advanced Skills Course | 3 | C | |
| Philosophy Course AND Humanities, Arts and Design (HU) | 3 | | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | | 15 | |

| Term 8 114 - 129 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ TCL 498: Pro-Seminar | 3 | C | • Professional programs require placement. Please consult your academic advisor. • Apply for full-time career opportunities . |
| ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB) | 3 | | |
| Professional Program Course | 3 | C | |
| Complete 2 courses: Transborder Community Development and Health Track Course | 6 | C | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | | 15 | |

- Students must complete a three credit hour JMC Advanced Skills Course and a three credit hour JMC Professional Program Course chosen in consultation with an academic advisor from the Cronkite School of Journalism and Mass Communication.
- Students must complete 15 credit hours from the Transborder Community Development and Health track.

Hide Course List(s)/Track Group(s)

| | | |
|------------------------------------|-----------------------------|--|
| Philosophy Course | JMC Advanced Skills Course | Transborder Community Development and Health Track |
| HON 171: The Human Event (L or HU) | JMC 320: Newscast Producing | TCL 315: Latinx Family Structures (SB) |

| | | |
|--|--|---|
| PHI 101: Introduction to Philosophy (HU) | JMC 330: Television Reporting | TCL 326: Health of Chicanas and Latinas (SB & C) |
| PHI 103: Principles of Sound Reasoning (L or HU) | JMC 333: Advanced Bilingual Broadcast Reporting | TCL 327: Health and Migration (SB) |
| PHI 105: Intro to Ethics (HU) | JMC 351: Photojournalism I | TCL 342: Social Demographics of Latino Populations (SB & C) |
| PHI 306: Applied Ethics (HU) | JMC 413: Advanced Editing | TCL 410: Race Medicine and the Body (L) |
| | JMC 414: Digital Graphic Design | TCL 422: U.S.-Mexico Border Health |
| | JMC 421: Advanced Digital Storytelling | TCL 424: Theory and Practice of Community Development and Health (SB) |
| | JMC 430: Sports Marketing and Campaigns | TCL 443: Political Ecology of the Border (SB & G) |
| | JMC 434: Advanced Bilingual Reporting | TCL 447: Gender Culture and Development ((L or SB) & G) |
| | JMC 437: Documentary Production | TCL 484: Internship |
| | JMC 440: Magazine Writing | |
| | JMC 455: Digital Media Entrepreneurship | |
| | JMC 460: Advanced Online Media | |
| | JMC 465: Telling Stories with Data | |
| | JMC 477: New Media Innovation and Entrepreneurship Lab | |
| | JMC 478: Cronkite News: Los Angeles | |
| | JMC 478: Cronkite News: Phoenix Bureau | |
| | JMC 479: Cronkite News: Washington Bureau | |
| | JMC 485: Television Magazine | |
| | JMC 486: Digital Audiences Lab | |

Professional Program Courses

JMC 477: New Media Innovation and Entrepreneurship Lab

JMC 478: Cronkite News: Los Angeles

JMC 478: Cronkite News: Phoenix Bureau

JMC 479: Cronkite News: Washington Bureau

JMC 485: Television Magazine

JMC 486: Digital Audiences Lab

Total Hours: 129

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map



Transborder Chicana/o and Latina/o Studies (US and Mexican Regional Immigration Policy and Economy), BA




School/College: [The College of Liberal Arts and Sciences](#)

Location: [Tempe campus](#)

LATCLUBA

| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, unless CLEP or AP credit fulfills this requirement. Majors are expected to fulfill this requirement in Spanish. • Select your career interest area and play me3@ASU. |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of Spanish SPA language course at the intermediate level (202 or equivalent). | 4 | C | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • Explore and select a career interest area |
| Second Language: Requirement satisfied through the following: * Completion of Spanish SPA language course at the intermediate level (202 or equivalent). | 4 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| TCL Elective | 3 | C | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). Term hours subtotal: | 16 | | |

| Term 3 30 - 44 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  TCL 201: Transborder Society and Culture I: Interdisciplinary Approaches (HU & C) | 3 | C | <ul style="list-style-type: none"> • Join a student club or professional organization |
| Second Language: Requirement satisfied through the following: * Completion of Spanish SPA language course at the intermediate level (202 or equivalent). | 4 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
|  Complete Mathematics (MA) requirement. | | | |

Complete First-Year Composition requirement.

Term hours subtotal: 14

| Term 4 44 - 60 Credit Hours Critical course signified by ⚠ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ⚠ TCL 202: Transborder Society and Culture II: Contemporary Issues (SB & C) | 3 | C | <ul style="list-style-type: none"> • Completion of The College Second Language requirement is recommended by term 4. • Secure a part-time job or volunteer experience |
| US & Mexican Regional Immigration Policy & Economy Track Course | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of Spanish SPA language course at the intermediate level (202 or equivalent). | 4 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Elective | 2 | | |
| Term hours subtotal: | 16 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ TCL 303: Transborder Theory (SB) OR SOC 303: Transborder Theory (SB) | 3 | C | <ul style="list-style-type: none"> • Upper-division Spanish course requirement for the major may be fulfilled by AP credit earned. • Explore an internship |
| TCL 314: Transborder Latin American Migration to the U.S. ((L or SB) & H & C) OR SOC 314: Transborder Latin American Migration to the U.S. ((L or SB) & H & C) | 3 | C | |
| TCL 332: Mexican American History Since 1900 (SB & H & C) OR HST 332: Mexican American History Since 1900 (SB & H & C) | 3 | C | |
| SPA Upper Division Elective | 3 | C | |
| Upper Division Elective OR TCL 484: Internship | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ TCL 304: Transborder Research Methods (SB & C) | 3 | C | <ul style="list-style-type: none"> • Use Handshake to research employment opportunities |
| US & Mexican Regional Immigration Policy & Economy Track Course | 3 | C | |
| TCL Elective | 3 | C | |
| Complete 2 courses: Upper Division Elective | 6 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ TCL 305: Transborder Practicum and Field Research | 3 | C | <ul style="list-style-type: none"> • Apply for full-time career opportunities |
| US & Mexican Regional Immigration Policy & Economy Track Course | 3 | C | |
| TCL Elective | 3 | C | |
| Complete 2 courses: Upper Division Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | |
|---|----|---|
| ★ TCL 498: Pro-Seminar | 3 | C |
| US & Mexican Regional Immigration Policy & Economy Track Course | 3 | C |
| Complete 3 courses: Upper Division Elective | 9 | |
| Term hours subtotal: | 15 | |

Hide Course List(s)/Track Group(s)

| |
|---|
| US & Mexican Regional Immigration Policy & Economy |
| TCL 315: Latinx Family Structures (SB) |
| TCL 327: Health and Migration (SB) |
| TCL 331: Mexican American History to 1900 (SB & H & C) |
| TCL 335: Historical Studies in Race Crime and the Law |
| TCL 340: Chicana/o and Latina/o Politics and Policy (L & C) |
| TCL 341: Latinas/os and the City (C) |
| TCL 342: Social Demographics of Latino Populations (SB & C) |
| TCL 377: Arizona Immigration Latinos and Politics |
| TCL 443: Political Ecology of the Border (SB & G) |
| TCL 444: The Ethnography of Mexico and the Borderlands (SB & G) |

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.

2020 - 2021 Major Map





Journalism and Mass Communication, BA



School/College: Walter Cronkite School of Journalism & Mass Comm

Location: .
CSJMCBA

and
Transborder
Chicana/o
and
Latina/o
Studies (US
and
Mexican
Regional
Immigration
Policy and
Economy),
BA

The College of Liberal Arts and Sciences
LATCLUBA

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  JMC 101: Grammar for Journalists | 1 | B- | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Majors are expected to fulfill The College's language requirement in Spanish. In addition, all majors must demonstrate proficiency in Spanish by passing an upper-division Spanish course. • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. |
|  JMC 110: Principles and History of Journalism (SB) | 3 | C | |
| ASU 101-CS: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| JMC 102: Coding for Journalists | 1 | C | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of Spanish SPA language course at the intermediate level (202 or equivalent). | 4 | C | |
|  Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  JMC 201: News Reporting and Writing (L) | 3 | C | <ul style="list-style-type: none"> • Select your career interest area and play me3@ASU • Develop your professional online presence |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |

| | | |
|---|----|---|
| JMC 305: Multimedia Journalism | 3 | C |
| STP 226: Elements of Statistics (CS) | 3 | |
| Second Language: Requirement satisfied through the following: * Completion of Spanish SPA language course at the intermediate level (202 or equivalent). | 4 | C |
| ❖ Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | |
| ❖ Minimum 2.50 GPA ASU Cumulative. | | |
| Term hours subtotal: | 16 | |

| Term 3 32 - 48 Credit Hours Critical course signified by ❖ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ❖ JMC 366: Journalism Ethics and Diversity | 3 | C | <ul style="list-style-type: none"> • Build your professional connections -- join the ASU Mentor Network |
| ❖ TCL 201: Transborder Society and Culture I: Interdisciplinary Approaches (HU & C) | 3 | C | |
| PSY 101: Introduction to Psychology (SB) OR SOC 101: Introductory Sociology (SB) | 3 | | |
| U.S. and Mexican Regional Immigration Policy and Economy Track Course | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of Spanish SPA language course at the intermediate level (202 or equivalent). | 4 | C | |
| ❖ Complete First-Year Composition requirement. | | | |
| ❖ Complete Mathematics (MA) requirement. | | | |
| ❖ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 48 - 65 Credit Hours Critical course signified by ❖ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ❖ JMC 301: Intermediate Reporting and Writing (L) | 3 | C | <ul style="list-style-type: none"> • Complete Spanish language proficiency by end of semester 4 for The College requirement. Completion of SPA 201 or SPA 202 can be used to satisfy Global Awareness (G) General Studies requirement. • Students should consult with an academic advisor to determine a journalism path and appropriate course selections for Professional Program Courses and JMC Advanced Skill courses. |
| ❖ TCL 202: Transborder Society and Culture II: Contemporary Issues (SB & C) | 3 | C | |
| JMC 313: Introduction to Editing OR JMC 345: Videography OR JMC 448: Non-Narrative Video Storytelling | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of Spanish SPA language course at the intermediate level (202 or equivalent) that has a Global Awareness (G) designation.. | 4 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| ❖ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 17 | | |

| Term 5 65 - 81 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ JMC 473: The Business and Future of Journalism | 3 | C | |
| ★ TCL 303: Transborder Theory (SB) OR SOC 303: Transborder Theory (SB) | 3 | C | |
| JMC 435: Latino and Transnational Issues | 3 | C | |
| TCL 332: Mexican American History Since 1900 (SB & H & C) OR HST 332: Mexican American History Since 1900 (SB & H & C) | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |

★ Minimum 2.50 GPA ASU Cumulative.

Term hours subtotal: 16

| Term 6 81 - 99 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--------------------------------|
| ★ JMC 402: Mass Communication Law | 3 | C | • Explore an internship |
| ★ TCL 304: Transborder Research Methods (SB & C) | 3 | C | |
| TCL 314: Transborder Latin American Migration to the U.S. ((L or SB) & H & C) OR SOC 314: Transborder Latin American Migration to the U.S. ((L or SB) & H & C) | 3 | C | |
| JMC 470: Depth Reporting | 3 | C | |
| POS 110: American Government and Politics (SB) OR POS 310: American National Government (SB) | 3 | | |
| SPA Upper Division Elective | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |

Term hours subtotal: 18

| Term 7 99 - 114 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ TCL 305: Transborder Practicum and Field Research | 3 | C | • Students should consult with an academic advisor to determine a journalism path and appropriate course selections for Professional Program Courses and JMC Advanced Skill courses. • Gather professional references |
| JMC 484: Internship | 3 | Y | |
| Upper Division JMC Advanced Skills Course | 3 | C | |
| Philosophy Course AND Humanities, Arts and Design (HU) | 3 | | |
| U.S. and Mexican Regional Immigration Policy and Economy Track Course | 3 | C | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |

Term hours subtotal: 15

| Term 8 114 - 129 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ TCL 498: Pro-Seminar | 3 | C | • Professional programs require placement. Please consult your academic advisor. • Apply for full-time career opportunities |
| ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB) | 3 | | |
| Professional Program Course | 3 | C | |
| Complete 2 courses: U.S. and Mexican Regional Immigration Policy and Economy Track Course | 6 | C | |
| ★ Minimum 2.50 GPA ASU Cumulative. | | | |

Term hours subtotal: 15

- Students must complete 15 credit hours from the U.S. and Mexican Regional Immigration Policy and Economy Track.
- Students must complete a three credit hour JMC Advanced Skills Course and a three credit hour JMC Professional Program Course chosen in consultation with an academic advisor from the Cronkite School of Journalism and Mass Communication.

Hide Course List(s)/Track Group(s)

| Philosophy Course | U.S. and Mexican Regional Immigration Policy and Economy Track | JMC Advanced Skills Course |
|--|---|--|
| HON 171: The Human Event (L or HU) | TCL 315: Latinx Family Structures (SB) | JMC 320: Newscast Producing |
| PHI 101: Introduction to Philosophy (HU) | TCL 327: Health and Migration (SB) | JMC 330: Television Reporting |
| PHI 103: Principles of Sound Reasoning (L or HU) | TCL 331: Mexican American History to 1900 (SB & H & C) | JMC 333: Advanced Bilingual Broadcast Reporting |
| PHI 105: Intro to Ethics (HU) | TCL 335: Historical Studies in Race Crime and the Law | JMC 351: Photojournalism I |
| PHI 306: Applied Ethics (HU) | TCL 340: Chicana/o and Latina/o Politics and Policy (L & C) | JMC 413: Advanced Editing |
| | TCL 341: Latinas/os and the City (C) | JMC 414: Digital Graphic Design |
| | TCL 342: Social Demographics of Latino Populations (SB & C) | JMC 421: Advanced Digital Storytelling |
| | TCL 377: Arizona Immigration Latinos and Politics | JMC 430: Sports Marketing and Campaigns |
| | TCL 443: Political Ecology of the Border (SB & G) | JMC 434: Advanced Bilingual Reporting |
| | TCL 444: The Ethnography of Mexico and the Borderlands (SB & G) | JMC 437: Documentary Production |
| | TCL 484: Internship | JMC 440: Magazine Writing |
| | | JMC 455: Digital Media Entrepreneurship |
| | | JMC 460: Advanced Online Media |
| | | JMC 465: Telling Stories with Data |
| | | JMC 477: New Media Innovation and Entrepreneurship Lab |
| | | JMC 478: Cronkite News: Los Angeles |
| | | JMC 478: Cronkite News: Phoenix Bureau |
| | | JMC 479: Cronkite News: Washington Bureau |
| | | JMC 485: Television Magazine |
| | | JMC 486: Digital Audiences Lab |
| Professional Program Courses | | |
| JMC 477: New Media Innovation and Entrepreneurship Lab | | |
| JMC 478: Cronkite News: Los Angeles | | |
| JMC 478: Cronkite News: Phoenix Bureau | | |
| JMC 479: Cronkite News: Washington Bureau | | |
| JMC 485: Television Magazine | | |
| JMC 486: Digital Audiences Lab | | |

Total Hours: 129
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map



Urban Planning, **BSP**




School/College: The College of Liberal Arts and Sciences



Location: Tempe campus

ARPUPBSP

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  GIS 205: Geographic Information Science I (CS) OR PUP 190: Sustainable Cities ((HU or SB) & G) | 3 | C | <ul style="list-style-type: none"> An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses Mathematics Placement Assessment score determines placement in mathematics course ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. Play me3@ASU and select your career interest area. Set up your Handshake account. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Complete 2 courses: Elective | 6 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  MAT 142: College Mathematics (MA) OR Mathematics (MA) | 3 | | <ul style="list-style-type: none"> Students should become actively involved with a student organization. Information on ASU student organizations sponsored by the School of Geographical Sciences and Urban Planning is available here. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| GIS OR PUP Elective | 3 | C | |
| Complete 2 courses: Elective | 6 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 3 31 - 44 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  GIS 205: Geographic Information Science I (CS) OR PUP 190: Sustainable Cities ((HU or SB) & G) | 3 | C | <ul style="list-style-type: none"> For a full list of Science and Society courses, go here. |
| Science and Society Elective | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
|  Complete First-Year Composition requirement. Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 13 | | |

| Term 4 44 - 60 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  PUP 301: Introduction to Urban Planning (L) | 3 | C | <ul style="list-style-type: none"> Visit Career and Professional Development Services and meet with a career advisor for assistance with career planning and networking. |
| GIS 270: Statistics for Geography and Planning | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |

Complete 2 courses: 6
 Elective

Term hours subtotal: 16

- Students interested in completing an internship should start investigating internship opportunities and researching potential internship sites. Information on internships is available [here](#).

| Term 5 60 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | | |
|---|----|---|--|
| ★ PUP Upper Division Elective | 3 | C | |
| Upper Division Science and Society Elective | 3 | C | |
| Related Area Course | 3 | C | |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

- For more information about the Science and Society requirement, visit [this webpage](#).
- Students interested in conducting supervised research with a faculty member should initiate contact with faculty members who perform research in their content area of interest. Information on research areas in the School of Geographical Sciences and Urban Planning is available [here](#).

| Term 6 75 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | | |
|--|----|---|--|
| ★ PUP Upper Division Elective OR PUP 484: Internship | 3 | C | |
| Related Area Course | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Complete 2 courses: Upper Division Elective | 6 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

- Students interested in continuing to graduate study following the completion of the undergraduate program should start investigating potential graduate programs, including admissions requirements and deadlines. Information on the graduate programs offered through the School of Geographical Sciences and Urban Planning is available [here](#).

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | | |
|--|----|---|--|
| ★ PUP Upper Division Elective OR PUP 484: Internship | 3 | C | |
| GIS OR PUP Upper Division Elective | 3 | C | |
| Complete 3 courses: Upper Division Elective | 9 | | |
| Term hours subtotal: | 15 | | |

- Students interested in entering the job market after graduation should start researching job opportunities. Information on careers in related fields is available at the School of Geographical Sciences & Urban Planning [Job List](#), [ACSP Career Page](#), and [APA Career Center](#).

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | | |
|---|----|---|--|
| ★ PUP 424: Planning Methods | 4 | C | |
| Related Area Course | 3 | C | |
| Upper Division Social-Behavioral Sciences (SB) OR Upper Division Humanities, Arts and Design (HU) | 3 | | |
| Complete 2 courses: Upper Division Elective | 5 | | |
| Term hours subtotal: | 15 | | |

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must

be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

Related Area Course Electives

ALA OR ASB OR GCU OR GIS OR GPH OR
PUP OR SGS OR SOC OR SOS Elective

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.








2020 - 2021 Major Map

Urban Planning, BSP

School/College: [The College of Liberal Arts and Sciences](#)

Location: [Online](#)

ARPUBSP

| Term 1 - A 0 - 7 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ASU 101-UC: The ASU Experience | 1 | | <ul style="list-style-type: none"> An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses Mathematics Placement Assessment score determines placement in mathematics course ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | 7 | | |
| Term 1 - B 7 - 13 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  GIS 205: Geographic Information Science I (CS) OR PUP 190: Sustainable Cities ((HU or SB) & G) | 3 | C | <ul style="list-style-type: none"> View ASU Online first-year student registration information here. Play me3 and select your career interest area. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |
| Term 2 - A 13 - 19 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  MAT 142: College Mathematics (MA) | 3 | C | <ul style="list-style-type: none"> Mathematics Placement Assessment score determines placement in mathematics course Students should become actively involved with a student organization. Information on ASU student organizations sponsored by the School of Geographical Sciences and Urban Planning is available here. |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 6 | | |
| Term 2 - B 19 - 25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
| GIS OR PUP Elective | 3 | C | |
| Social-Behavioral Sciences (SB) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 6 | | |
| Term 3 - A 25 - 32 Credit Hours | Hours | Minimum Grade | Notes |
| Related Coursework | 3 | C | <ul style="list-style-type: none"> Develop your professional online presence. |
| Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 7 | | |
| Term 3 - B 32 - 38 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |

| | | | |
|--|---|---|---|
| ⚠ GIS 205: Geographic Information Science I (CS) OR PUP 190: Sustainable Cities ((HU or SB) & G) | 3 | C | • Create a first draft resume . |
| Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) | 3 | | |
| | | | |
| ⚠ Complete First-Year Composition requirement. | | | |
| | | | |
| Complete Mathematics (MA) requirement. | | | |
| | | | |
| Term hours subtotal: | 6 | | |

| Term 4 - A 38 - 44 Credit Hours Critical course signified by ⚠ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ⚠ GIS 270: Statistics for Geography and Planning | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 4 - B 44 - 51 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| Related Coursework | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 5 - A 51 - 57 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ PUP 301: Introduction to Urban Planning (L) | 3 | C | • Students interested in completing an internship should start investigating internship opportunities and researching potential internship sites. Information on internships is available here . |
| Related Coursework | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 5 - B 57 - 63 Credit Hours | Hours | Minimum Grade | Notes |
|---------------------------------|-------|---------------|---|
| Science and Society Elective | 3 | C | • For a full list of Science and Society courses, go here . • Students interested in conducting supervised research with a faculty member should initiate contact with faculty members who perform research in their content area of interest. Information on research areas in the School of Geographical Sciences and Urban Planning is available here . |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - A 63 - 69 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ PUP Upper Division Elective OR PUP 484: Internship | 3 | C | • Students interested in continuing to graduate study following the completion of the bachelor's program should start investigating potential graduate programs, including admissions requirements and deadlines. Information on the graduate programs offered through the School of Geographical Sciences and Urban Planning is available here . • Students planning to enter the job market after completion of the bachelor's program should |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

work with a career advisor from [Career and Professional Development Services](#) to explore networking opportunities.

| Term 6 - B 69 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 7 - A 75 - 81 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ PUP Upper Division Elective OR PUP 484: Internship | 3 | C | <ul style="list-style-type: none"> For more information on the Science and Society requirement, go to this webpage. |
| Upper Division Science and Society Elective | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 81 - 87 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| Upper Division Social-Behavioral Sciences (SB) OR Upper Division Humanities, Arts and Design (HU) | 3 | | <ul style="list-style-type: none"> Students interested in entering the job market after graduation should start researching job opportunities. Information on careers in related fields is available at the School of Geographical Sciences and Urban Planning job list, ACSP career page, and APA Career Center. |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 87 - 93 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| Complete 2 courses: Upper Division Elective | 6 | | <ul style="list-style-type: none"> Gather professional references. |
| Term hours subtotal: | 6 | | |

| Term 8 - B 93 - 99 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ PUP Upper Division Elective | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - A 99 - 104 Credit Hours | Hours | Minimum Grade | Notes |
|----------------------------------|-------|---------------|-------|
| Upper Division Elective | 2 | | |
| Elective | 3 | | |
| Term hours subtotal: | 5 | | |

| Term 9 - B 104 - 111 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ PUP 424: Planning Methods | 4 | C | <ul style="list-style-type: none"> Update and polish your resume. |
| Elective | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 10 - A 111 - 117 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| | | | |

| | | |
|--------------------------------------|---|---|
| ★ GIS OR PUP Upper Division Elective | 3 | C |
| Upper Division Elective | 3 | |
| Term hours subtotal: | 6 | |

- Apply for full-time employment opportunities.

| Term 10 - B 117 - 120 Credit Hours | Hours | Minimum Grade | Notes |
|------------------------------------|-------|---------------|-------|
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 3 | | |

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

Related Coursework

ALA OR ASB OR GCU OR GIS OR GPH OR
PUP OR SGS OR SOC OR SOS Elective

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map



Women and Gender Studies, BA




School/College: [The College of Liberal Arts and Sciences](#)



Location: [Tempe campus](#)

LAWSTBA




| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  WST 100: Women, Gender, and Society (SB & C) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. • Select your career interest area and play me3@ASU. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • Create a first draft resume |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Elective | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 46 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| Women and Gender Studies Related Area Course | 3 | C | <ul style="list-style-type: none"> • General Studies requirements may be met by courses in the major, which will adjust the need for overall elective credit hours. |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Elective | 3 | | |
|  Complete First-Year Composition requirement. | | | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 46 - 60 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  WST Elective | 3 | C | <ul style="list-style-type: none"> Explore an internship -- call the SST advising office at 480-965-7682 to schedule an appointment with our internship coordinator. |
| Second Language: Requirement satisfied through the following: | | | |
| * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Term hours subtotal: | 14 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|  WST 377: History of American Feminist Thought (H & C) OR WST 378: Global Feminist Theory (L & G) | 3 | C | |
|  WST 380: Race, Gender, and Class (SB & C) | 3 | C | |
| Upper Division Women and Gender Studies Related Area Course | 3 | C | |
| WST Upper Division Elective | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 91 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  WST Upper Division Elective | 3 | C | <ul style="list-style-type: none"> Gather professional references Use Handshake to research employment opportunities |
| Upper Division Women and Gender Studies Related Area Course | 3 | C | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
|  Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 7 91 - 106 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  WST 4** Elective OR WST 484: Internship | 3 | C | <ul style="list-style-type: none"> Apply for full-time career opportunities Students are strongly encouraged to do an internship. |
| Upper Division Women and Gender Studies Related Area Course | 3 | C | |
| Complete 2 courses: | | | |
| WST Upper Division Elective | 6 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 106 - 120 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|  WST 498: Pro-Seminar (L) | 3 | C | |
| Upper Division Women and Gender Studies Related Area Course | 3 | C | |
| Upper Division Elective | 3 | | |
| Complete 2 courses: | | | |
| Elective | 5 | | |
| Term hours subtotal: | 14 | | |

Hide Course List(s)/Track Group(s)

Women and Gender Studies Related Area
Courses

AFR 375: Race Gender and Sport (SB & C)

AFR 460: Race Gender and Media (C) or
MCO 460: Race Gender and Media (C)

APA 330: Asian Pacific American Genders
and Sexualities ((L or SB) & C)

ARB 341: Quran Text and Women (HU & H)

ARS 485: Women in the Visual Arts (L)

ASB 210: Human Sexuality: Anthropological
Perspectives (SB & G)

ASB 211: Women in Other Cultures ((HU or
SB) & G)

COM 316: Gender and Communication (SB &
C)

COM 416: Gender and Race in the Media

COM 446: Performance of Literature Written
by Women ((L or HU) & C)

CRJ 305: Gender Crime and Criminal Justice
(C)

ENG 364: Women and Literature (HU)

ENG 454: Gender and Literature (L or HU)

ENG 455: Contemporary Women Writers

ENG 460: Ethnic Women Writers

ENG 461: Studies in Women and Literature
(HU)

ENG 462: Africana Literature (HU & G)

FAS 331: Marriage and Family Relationships
(SB)

FAS 332: Human Sexuality (SB)

FAS 436: Sexuality in Mid-Life and Beyond

HST 327: Women in U.S. History 1600 to
1880 ((HU or SB) & C & H)

HST 328: Women in U.S. History 1880-1980
((HU or SB) & C & H)

HST 329: Women in 20th-Century U.S. West
(H & C)

HST 465: Women in Europe 1750 to Present
(HU or SB) & H

IAP 310: Women in Art

JUS 329: Domestic Violence (SB)

JUS 420: Women Work and Justice ((L or SB)
& C)

JUS 422: Women Law and Social Control

JUS 460: Feminism and Justice (C)

KIN 441: Physiology of Women in Sport (L)

LSC 363: Genes Race Gender and Society (L)

MUS 410: History of Women in Music (HU &
C & H)

POS 435: Women and Politics (SB & C)

POS 436: Gender Sexuality Nation-States

POS 437: Women Power and Politics (G)

PSY 369: Biology of Human Sexuality

PSY 385: Psychology of Gender (SB)

PUP 445: Women and Environments (C)

REL 369: Women in Islam

REL 390: Women Gender and Religion (HU
& G)

REL 393: Religion and Sex (HU)

SOC 264: Gender and Society (SB & C)

SOC 315: Courtship and Marriage (SB)

SOC 424: Women and Health (SB)

WST Upper Division Elective

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)

Total Community College Hrs: 64 maximum
Total College Residency Hrs: 12 minimum

- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map

Women and Gender Studies, BA

School/College: [The College of Liberal Arts and Sciences](#)



Location: [Online](#)

LAWSTBA

| Term 1 - A 0 - 7 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  WST 100: Women, Gender, and Society (SB & C) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • ASU Language Placement and Testing: Only true beginners are eligible for 101-level second language courses. All other students are required to take a placement exam, regardless of prior credit earned, to verify the course level is appropriate. Students already proficient in a second language may take a proficiency exam. |
| ASU 101-UC: The ASU Experience | 1 | | |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 13 Credit Hours | Hours | Minimum Grade | Notes |
|-----------------------------------|-------|---------------|---|
| MAT 142: College Mathematics (MA) | 3 | C | <ul style="list-style-type: none"> • General Studies requirements may be met by courses in the major, which will adjust the need for overall elective credit hours. • Select your career interest area and play me3@ASU. • View ASU Online first-year student registration information here. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 2 - A 13 - 20 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Term hours subtotal: | 7 | | |

| Term 2 - B 20 - 27 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | <ul style="list-style-type: none"> • Create a first draft resume. |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 7 | | |

| Term 3 - A 27 - 34 Credit Hours | Hours | Minimum Grade | Notes |
|---------------------------------|-------|---------------|-------|
|---------------------------------|-------|---------------|-------|

| | | | |
|-------------------------------------|---|--|--|
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| Term hours subtotal: | 7 | | |

| Term 3 - B 34 - 41 Credit Hours Critical course signified by ⚠ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | | |
|--|---|---|---|
| Women and Gender Studies Related Area Course | 3 | C | • See list below for Related Area course options. |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| ⚠ Complete First-Year Composition requirement. | | | |
| ⚠ Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 7 | | |

| Term 4 - A 41 - 47 Credit Hours Critical course signified by ⚠ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | | |
|-----------------------------------|---|---|--|
| ⚠ WST Elective | 3 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 4 - B 47 - 53 Credit Hours | Hours | Minimum Grade | Notes |
|---------------------------------|-------|---------------|-------|
|---------------------------------|-------|---------------|-------|

| | | | |
|--|---|---|----------------------------------|
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | • Explore an internship . |
| Elective | 2 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - A 53 - 59 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | | |
|--|---|---|--|
| ★ WST 377: History of American Feminist Thought (H & C) OR WST 378: Global Feminist Theory (L & G) | 3 | C | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - B 59 - 65 Credit Hours | Hours | Minimum Grade | Notes |
|---------------------------------|-------|---------------|-------|
|---------------------------------|-------|---------------|-------|

| | | | |
|--|---|--|--|
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - A 65 - 71 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | | |
|---|---|---|--|
| ★ WST 380: Race, Gender, and Class (SB & C) | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 71 - 77 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | | |
|---|---|---|---|
| Upper Division Women and Gender Studies Related Area Course | 3 | C | • Use Handshake to research employment opportunities |
| WST Upper Division Elective | 3 | C | |

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal: 6

| Term 7 - A 77 - 84 Credit Hours | Hours | Minimum Grade | Notes |
|---------------------------------|-------|---------------|-------|
|---------------------------------|-------|---------------|-------|

Natural Science - General (SG) OR Natural Science - Quantitative (SQ) 4

Upper Division Elective 3

Term hours subtotal: 7

| Term 7 - B 84 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

★ WST Upper Division Elective 3 C

Upper Division Elective 3

Term hours subtotal: 6

• Gather professional references

| Term 8 - A 90 - 96 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

★ WST 4** Elective 3 C

Upper Division Women and Gender Studies Related Area Course 3 C

Term hours subtotal: 6

| Term 8 - B 96 - 102 Credit Hours | Hours | Minimum Grade | Notes |
|----------------------------------|-------|---------------|-------|
|----------------------------------|-------|---------------|-------|

WST Upper Division Elective 3 C

Elective 3

Term hours subtotal: 6

| Term 9 - A 102 - 108 Credit Hours | Hours | Minimum Grade | Notes |
|-----------------------------------|-------|---------------|-------|
|-----------------------------------|-------|---------------|-------|

Complete 2 courses:

Upper Division Women and Gender Studies Related Area Course 6 C

Term hours subtotal: 6

• Apply for full-time career opportunities

| Term 9 - B 108 - 114 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

★ WST 498: Pro-Seminar (L) 3 C

Upper Division Elective 3

Term hours subtotal: 6

| Term 10 - A 114 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

★ WST Upper Division Elective 3 C

Elective 3

Term hours subtotal: 6

Hide Course List(s)/Track Group(s)

Women and Gender Studies Related Area Course

AFR 375: Race Gender and Sport (SB & C)

AFR 460: Race Gender and Media (C) or
MCO 460: Race Gender and Media (C)

APA 330: Asian Pacific American Genders
and Sexualities ((L or SB) & C)

ARS 485: Women in the Visual Arts (L)

COM 316: Gender and Communication (SB &
C)

CRJ 305: Gender Crime and Criminal Justice
(C)

ENG 460: Ethnic Women Writers

FAS 331: Marriage and Family Relationships
(SB)

FAS 332: Human Sexuality (SB)

HST 327: Women in U.S. History 1600 to
1880 ((HU or SB) & C & H)

HST 328: Women in U.S. History 1880-1980
((HU or SB) & C & H)

JUS 329: Domestic Violence (SB)

POS 435: Women and Politics (SB & C)

PSY 385: Psychology of Gender (SB)

REL 390: Women Gender and Religion (HU
& G)

SOC 264: Gender and Society (SB & C)

SOC 315: Courtship and Marriage (SB)

SOC 424: Women and Health (SB)

WST Upper Division Elective

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)

- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.

2020 - 2021 Major Map

Applied Science (Health Entrepreneurship and Innovation), BAS

School/College: Edson College of Nursing and Health Innovation

Location: Downtown Phoenix campus, West campus

NUHCIBAS

| Applicable Community College Prerequisites 0 - 60 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| AAS Transfer Degree Block | 60 | | |
| Term hours subtotal: | 60 | | <ul style="list-style-type: none"> Students may meet lower division general studies requirements with the AAS degree. Students must complete all ASU general studies requirements in order to earn ASU BAS degree. Students should work with their academic advisor to run DARS graduation audit to determine needed general studies requirements. |
| Term 5 60 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
| ★ HCI 311: Health Innovation: Foundational Concepts | 3 | C | |
| ★ HCI 313: Philosophy of Science in Health Care: Understanding Paradigms of Health and Healing | 3 | C | |
| ★ TWC 347: Written Communication for Managers (L) OR TWC 362: Writing in Health Professions (L) | 3 | C | |
| Complete 2 courses: Any needed lower division General Studies requirement OR Elective | 6 | | |
| Term hours subtotal: | 15 | | <ul style="list-style-type: none"> Update your resume. Join a professional organization. Activate your Handshake account and build your profile. Build your professional connections - join the ASU Mentor Network. |
| Term 6 75 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
| BIO 312: Bioethics (HU) OR BIS 345: Organizational Ethics (HU) OR IAS 340: Bioethics (HU) OR IAS 409: Eco-Community Ethics (HU) | | | |
| ★ OR LES 305: Business Law and Ethics for Managers OR MED 320: Applied Medical/Health Care Ethics (HU) OR PHI 306: Applied Ethics (HU) OR PHI 320: Bioethics (HU) OR PHI 360: Business and Professional Ethics (HU) OR PHI 409: Eco-Community Ethics (HU) | 3 | C | |
| HCI 412: Transforming Health Care: A Systems Perspective for Innovation OR HCI 421: Health Care Policy: The Innovator's View OR HCI 425: Facilitating Innovation to Achieve Outcomes OR HCI 428: Technology: A Tool to Advance Innovation in Health Care | 3 | C | |
| ★ STP 226: Elements of Statistics (CS) OR STS 401: Statistics in Science and Technology Studies (CS) OR STP 420: Introductory Applied Statistics (CS) OR SOC 390: Social Statistics I (CS) | 3 | C | |
| Complete 2 courses: Upper Division Elective | 6 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | <ul style="list-style-type: none"> Students with a transfer statistics course may take an elective. Please check with your advisor. Students with transfer courses meeting ASU's Humanities, Arts and Design (HU) requirements may take electives. Please check with your advisor. Develop your professional online presence. Develop your skills. |
| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |

| | | |
|--|----|---|
| ★ BIS 353: Interdisciplinary Leadership (SB) OR COM 430: Leadership in Group Communication OR OGL 355: Leading Organizational Innovation and Change OR PAF 311: Leadership and Change (SB) OR PAF 410: Building Leadership Skills (SB) | 3 | C |
| ★ HCI 412: Transforming Health Care: A Systems Perspective for Innovation OR HCI 421: Health Care Policy: The Innovator's View OR HCI 425: Facilitating Innovation to Achieve Outcomes OR HCI 428: Technology: A Tool to Advance Innovation in Health Care | 3 | C |
| ★ HCR 400: Evidence-Based Practice for the Health Care Professional | 3 | C |
| ★ HCR 406: Health Literacy for Health Care Professionals | 3 | C |
| Any needed lower division General Studies requirement OR Elective | 3 | |
| Term hours subtotal: | 15 | |

- Explore graduate programs including the Master of Healthcare Innovation (MHI) degree at ASU.
- Gather academic and professional references.
- Complete an in person or virtual practice interview.

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

Complete 2 courses:

| | | |
|--|----|---|
| ★ HCI 412: Transforming Health Care: A Systems Perspective for Innovation OR HCI 421: Health Care Policy: The Innovator's View OR HCI 425: Facilitating Innovation to Achieve Outcomes OR HCI 428: Technology: A Tool to Advance Innovation in Health Care | 6 | C |
| BIS 343: Social Processes in Organizations (SB) OR OGL 350: Diversity and Organizations (L & C) | 3 | C |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | |
| Any needed lower division General Studies requirement OR Elective | 3 | |
| Term hours subtotal: | 15 | |

- Connect with us as a member of our alumni community.
- Update your resume.
- Use Handshake to research employment opportunities.

Hide Course List(s)/Track Group(s)

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.

2020 - 2021 Major Map

Applied Science (Health Entrepreneurship and Innovation), **BAS**

School/College: Edson College of Nursing and Health Innovation

Location: Online

NUHCIBAS

| Applicable Community College Prerequisites 0 - 60 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

AAS Transfer Degree Block

60

Term hours subtotal:

60

- Students may meet lower division general studies requirements with the AAS degree.
- Students must complete all ASU general studies requirements in order to earn ASU BAS degree.
- Students should work with their academic advisor to run DARS graduation audit to determine needed general studies requirements.

| Term 5 - A 60 - 66 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

★ HCI 311: Health Innovation: Foundational Concepts

3

C

★ TWC 347: Written Communication for Managers (L) OR TWC 362: Writing in Health Professions (L)

3

C

Term hours subtotal:

6

- Update your **resume**.
- Join a **professional organization**.

| Term 5 - B 66 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

★ BIS 345: Organizational Ethics (HU) OR LES 305: Business Law and Ethics for Managers OR MED 320: Applied Medical/Health Care Ethics (HU) OR PHI 306: Applied Ethics (HU) OR PHI 320: Bioethics (HU) OR PHI 360: Business and Professional Ethics (HU)

3

C

★ HCI 313: Philosophy of Science in Health Care: Understanding Paradigms of Health and Healing

3

C

★ STP 226: Elements of Statistics (CS) OR STS 401: Statistics in Science and Technology Studies (CS) OR STP 420: Introductory Applied Statistics (CS) OR SOC 390: Social Statistics I (CS)

3

C

Term hours subtotal:

9

- Students with a transfer statistics course may take an elective. Please check with your advisor.
- Students with transfer courses meeting general studies may take electives. Please check with your advisor for details.
- Activate your **Handshake** account and build your profile.
- Build your professional connections - join the **ASU Mentor Network**.

| Term 6 - A 75 - 81 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

★ BIS 353: Interdisciplinary Leadership (SB) OR COM 430: Leadership in Group Communication OR OGL 355: Leading Organizational Innovation and Change OR PAF 311: Leadership and Change (SB) OR PAF 410: Building Leadership Skills (SB)

3

C

★ HCI 412: Transforming Health Care: A Systems Perspective for Innovation OR HCI 421: Health Care Policy: The Innovator's View OR HCI 425: Facilitating Innovation to Achieve Outcomes OR HCI 428: Technology: A Tool to Advance Innovation in Health Care

3

C

Term hours subtotal:

6

- Develop your **professional online presence**.

| Term 6 - B 81 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | | |
|--|---|---|--------------------------------|
| ★ BIS 343: Social Processes in Organizations (SB) OR OGL 350: Diversity and Organizations (L & C) | 3 | C | • Develop your skills . |
| ★ HCR 406: Health Literacy for Health Care Professionals | 3 | C | |
| Any needed lower division General Studies requirement OR Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 9 | | |

| Term 7 - A 90 - 96 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ HCR 400: Evidence-Based Practice for the Health Care Professional | 3 | C | <ul style="list-style-type: none"> • Explore graduate programs including the Master of Healthcare Innovation (MHI) degree at ASU. • Gather academic and professional references. |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 96 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ HCI 412: Transforming Health Care: A Systems Perspective for Innovation OR HCI 421: Health Care Policy: The Innovator's View OR HCI 425: Facilitating Innovation to Achieve Outcomes OR HCI 428: Technology: A Tool to Advance Innovation in Health Care | 3 | C | <ul style="list-style-type: none"> • Complete a virtual practice interview. |
| Upper Division Elective | 3 | | |
| Any needed lower division General Studies requirement OR Elective | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 8 - A 105 - 111 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ HCI 412: Transforming Health Care: A Systems Perspective for Innovation OR HCI 421: Health Care Policy: The Innovator's View OR HCI 425: Facilitating Innovation to Achieve Outcomes OR HCI 428: Technology: A Tool to Advance Innovation in Health Care | 3 | C | <ul style="list-style-type: none"> • Update your resume. • Use Handshake to research employment opportunities. |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 111 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ HCI 412: Transforming Health Care: A Systems Perspective for Innovation OR HCI 421: Health Care Policy: The Innovator's View OR HCI 425: Facilitating Innovation to Achieve Outcomes OR HCI 428: Technology: A Tool to Advance Innovation in Health Care | 3 | C | <ul style="list-style-type: none"> • Connect with us as a member of our alumni community. |
| Complete 2 courses: | 6 | | |
| Any needed lower division General Studies requirement OR Elective | 6 | | |
| Term hours subtotal: | 9 | | |

Hide Course List(s)/Track Group(s)

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum

General University Requirements Legend

General Studies Core Requirements:
 • Literacy and Critical Inquiry (L)

Total hrs at ASU: 30 minimum
**Hrs Resident Credit for
Academic Recognition:** 56 minimum
Total Community College Hrs: 64 maximum

- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.







2020 - 2021 Major Map






Community Health, BS






School/College: Edson College of Nursing and Health Innovation

Location: Downtown Phoenix campus, West campus

NUCHLTBS

| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  ASU 101-NU: The ASU Experience | 1 | | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Select your Career Interest Communities, play me3@ASU and review academic programs. • Meet with your First Year Success Coach • Attend the Edson College Health Careers Expo |
|  CDE 232: Human Development (SB) OR PSY 101: Introduction to Psychology (SB) | 3 | C | |
|  CHM 101: Introductory Chemistry (SQ) OR BIO 201: Human Anatomy and Physiology I (SG) | 4 | C | |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
|  MAT 142: College Mathematics (MA) | 3 | C | |
| Term hours subtotal: | 14 | | |





| Term 2 14 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  CDE 232: Human Development (SB) OR PSY 101: Introduction to Psychology (SB) | 3 | C | <ul style="list-style-type: none"> • Create a first draft resume. • Build your professional connections - join the ASU Mentor Network. • Secure a part time job or volunteer experience. • Attend a Study Abroad 101 Session. • Explore engagement opportunities in the Edson College of Nursing and Health Innovation. • Join a student club or professional organization. |
|  CHM 101: Introductory Chemistry (SQ) OR BIO 201: Human Anatomy and Physiology I (SG) | 4 | C | |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
|  STP 226: Elements of Statistics (CS) OR SOC 390: Social Statistics I (CS) OR SWU 321: Statistics for Social Workers (CS) | 3 | C | |
| SOC course (SB) (SOC 101 recommended) OR COM 225: Public Speaking (L) | 3 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |




| Term 3 30 - 47 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  BIO 202: Human Anatomy and Physiology II (SG) | 4 | C | <ul style="list-style-type: none"> • Develop your skills. • Explore minors or certificates. |
| Complete 2 courses: | | | |
|  HCR 210: Ethics for the Health Care Professional (HU) OR HCR 220: Introduction to Health Professions and the U.S. Health Care System (H) OR HCR 230: Culture and Health (C & G) | 6 | C | |
|  MIC 205: Microbiology (SG) | 3 | C | |
|  MIC 206: Microbiology Laboratory (SG) | 1 | C | |

SOC course (SB) (SOC 101 recommended) OR COM 225: Public Speaking (L) 3 C

Complete Mathematics (MA) requirement.

Term hours subtotal: 17

| Term 4 47 - 60 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  HCR 210: Ethics for the Health Care Professional (HU) OR HCR 220: Introduction to Health Professions and the U.S. Health Care System (H) OR HCR 230: Culture and Health (C & G) | 3 | C | <ul style="list-style-type: none"> • Explore an internship. • Schedule an appointment with your advisor to review your academic progress. |
|  HCR 231: Fundamentals of Community Health | 3 | C | |
|  HCR 240: Human Pathophysiology | 4 | C | |
| NTR 241: Human Nutrition | 3 | C | |
| Term hours subtotal: | 13 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| <i>Complete 2 courses:</i> | | | |
|  HCR 331: Communication within Communities OR HCR 335: Program Development and Management for Community Health OR HCR 336: Environmental Community Health OR HSC 340: Changing Health Behaviors or CHS 340: Health Theory | 6 | C | <ul style="list-style-type: none"> • Develop your professional online presence. • Complete informational interviews. |
|  TWC 347: Written Communication for Managers (L) OR TWC 362: Writing in Health Professions (L) | 3 | C | |
| PAF 311: Leadership and Change (SB) | 3 | C | |
| SOC 352: Social Change (SB & G & H) | 3 | C | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes | |
|--|-------|---------------|---|--|
|  HCR 301: Research Methods for the Health Care Professional | 3 | C | <ul style="list-style-type: none"> • Use Handshake to research employment opportunities. • Complete an in person or virtual practice interview. | |
|  HCR 303: Assessing Needs, Assets and Capacity for Health Education | 3 | C | | |
| <i>Complete 2 courses:</i> | | | | |
|  HCR 331: Communication within Communities OR HCR 335: Program Development and Management for Community Health OR HCR 336: Environmental Community Health OR HSC 340: Changing Health Behaviors or CHS 340: Health Theory | 6 | C | | |
| HCR 484: Internship OR Elective | 3 | | | |
|  Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | | |
| Term hours subtotal: | 15 | | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  HCI 311: Health Innovation: Foundational Concepts | 3 | C | <ul style="list-style-type: none"> • Explore graduate programs including the Edson College of Nursing and Health Innovation graduate programs. • Gather professional references. • Update your resume. |
|  HCR 400: Evidence-Based Practice for the Health Care Professional | 3 | C | |
|  HCR 406: Health Literacy for Health Care Professionals | 3 | C | |
|  HCR 435: Leaders in Community Health | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ HCI 428: Technology: A Tool to Advance Innovation in Health Care | 3 | C | <ul style="list-style-type: none"> • Apply for full-time career opportunities. • Connect with us as a member of our alumni community. |
| ★ HCR 430: Foundation to Health Care Systems | 3 | C | |
| ★ HCR 439: Community Health Capstone | 3 | C | |
| ★ Humanities, Arts and Design (HU) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

Hide Course List(s)/Track Group(s)

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.





2020 - 2021 Major Map




Community Health, BS




School/College: [Edson College of Nursing and Health Innovation](#)




Location: [Online](#)

NUCHLTBS

| Term 1 - A 0 - 7 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  ASU 101-NU: The ASU Experience | 1 | | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college specific equivalent First Year Seminar required of all first-year students • Become familiar with the student focused services and perks available to ASU Online students. • Review library resources. |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR | 3 | C | |
|  ENG 105: Advanced First-Year Composition OR | | | |
| ENG 107: First-Year Composition or ENG 108: First-Year Composition | | | |
|  MAT 142: College Mathematics (MA) | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  CDE 232: Human Development (SB) OR PSY 101: Introduction to Psychology (SB) | 3 | C | <ul style="list-style-type: none"> • Select your Career Interest Communities, play me3@ASU and review academic programs. • Create a first draft resume. • Explore study abroad options. • View ASU Online first-year student registration information here. |
|  CHM 101: Introductory Chemistry (SQ) OR BIO 201: Human Anatomy and Physiology I (SG) | 4 | C | |
| Term hours subtotal: | 7 | | |

| Term 2 - A 14 - 24 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  CHM 101: Introductory Chemistry (SQ) OR BIO 201: Human Anatomy and Physiology I (SG) | 4 | C | <ul style="list-style-type: none"> • Build your professional connections - join the ASU Mentor Network. • Secure a part time job or volunteer experience. |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR | 3 | C | |
|  ENG 105: Advanced First-Year Composition OR | | | |
| ENG 107: First-Year Composition or ENG 108: First-Year Composition | | | |
| SOC 101: Introductory Sociology (SB) OR COM 225: Public Speaking (L) | 3 | C | |
| Term hours subtotal: | 10 | | |

| Term 2 - B 24 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  CDE 232: Human Development (SB) OR PSY 101: Introduction to Psychology (SB) | 3 | C | <ul style="list-style-type: none"> • Apply for a study abroad experience. • Join a professional organization. |
|  STP 226: Elements of Statistics (CS) OR SOC 390: Social Statistics I (CS) OR SWU 321: Statistics for Social Workers (CS) | 3 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 3 - A 30 - 37 Credit Hours Critical course signified by ⚠ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--------------------------------|
| HCR 210: Ethics for the Health Care Professional (HU) OR HCR 220: ⚠ Introduction to Health Professions and the U.S. Health Care System (H) OR HCR 230: Culture and Health (C & G) | 3 | C | • Develop your skills . |
| ⚠ MIC 205: Microbiology (SG) | 3 | C | |
| ⚠ MIC 206: Microbiology Laboratory (SG) | 1 | C | |
| Term hours subtotal: | 7 | | |

| Term 3 - B 37 - 44 Credit Hours Critical course signified by ⚠ | Hours | Minimum Grade | Notes |
|---|-------|---------------|------------------------------------|
| ⚠ BIO 202: Human Anatomy and Physiology II (SG) | 4 | C | • Explore Career Webinars . |
| HCR 210: Ethics for the Health Care Professional (HU) OR HCR 220: ⚠ Introduction to Health Professions and the U.S. Health Care System (H) OR HCR 230: Culture and Health (C & G) | 3 | C | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 7 | | |

| Term 4 - A 44 - 53 Credit Hours Critical course signified by ⚠ | Hours | Minimum Grade | Notes |
|---|-------|---------------|------------------------------------|
| HCR 210: Ethics for the Health Care Professional (HU) OR HCR 220: ⚠ Introduction to Health Professions and the U.S. Health Care System (H) OR HCR 230: Culture and Health (C & G) | 3 | C | • Explore Career Advising . |
| ⚠ HCR 231: Fundamentals of Community Health | 3 | C | |
| SOC 101: Introductory Sociology (SB) OR COM 225: Public Speaking (L) | 3 | C | |
| Term hours subtotal: | 9 | | |

| Term 4 - B 53 - 60 Credit Hours Critical course signified by ⚠ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ⚠ HCR 240: Human Pathophysiology | 4 | C | • Explore an internship . • Schedule an appointment with your advisor to review your academic progress. |
| NTR 241: Human Nutrition | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 5 - A 60 - 69 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------------------------------------|
| ★ TWC 347: Written Communication for Managers (L) OR TWC 362: Writing in Health Professions (L) | 3 | C | • Explore the Career Guide . |
| PAF 311: Leadership and Change (SB) | 3 | C | |
| SOC 352: Social Change (SB & G & H) | 3 | C | |
| Term hours subtotal: | 9 | | |

| Term 5 - B 69 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| Complete 2 courses: ★ HCR 331: Communication within Communities OR HCR 335: Program Development and Management for Community Health | 6 | C | • Develop your professional online presence . |
| Term hours subtotal: | 6 | | |

| Term 6 - A 75 - 84 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ HCR 301: Research Methods for the Health Care Professional | 3 | C | • Use Handshake to research employment opportunities. |

★ HCR 303: Assessing Needs, Assets and Capacity for Health Education 3 C

★ HCR 336: Environmental Community Health 3 C

Term hours subtotal: 9

| Term 6 - B 84 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

★ HSC 340: Changing Health Behaviors or CHS 340: Health Theory 3 C

Elective OR HCR 484: Internship 3

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal: 6

| Term 7 - A 90 - 99 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

★ HCI 311: Health Innovation: Foundational Concepts 3 C

★ HCR 400: Evidence-Based Practice for the Health Care Professional 3 C

★ HCR 435: Leaders in Community Health 3 C

Term hours subtotal: 9

| Term 7 - B 99 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

★ HCR 406: Health Literacy for Health Care Professionals 3 C

★ HCR 430: Foundation to Health Care Systems 3 C

Term hours subtotal: 6

| Term 8 - A 105 - 114 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

★ HCI 428: Technology: A Tool to Advance Innovation in Health Care 3 C

Humanities, Arts and Design (HU) 3

Elective 3

Term hours subtotal: 9

| Term 8 - B 114 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

★ HCR 439: Community Health Capstone 3 C

Elective 3

Term hours subtotal: 6

Hide Course List(s)/Track Group(s)

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.





2020 - 2021 Major Map




Health Care Compliance and Regulations, BS

School/College: Edson College of Nursing and Health Innovation

Location: Downtown Phoenix campus, West campus

NUHCCRBS

| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  ASU 101-NU: The ASU Experience | 1 | | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • HCR 260 is a fall semester course. • Select your Career Interest Communities, play me3@ASU and review academic programs. • Activate your Handshake account and build out your profile. • Create a first draft resume. • Explore study abroad options. • Search for on campus employment. |
|  HCR 220: Introduction to Health Professions and the U.S. Health Care System (H) | 3 | C | |
|  HCR 259: Compliance and the Health Care Industry | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Mathematics (MA) (MAT 117 recommended) | 3 | C | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  HCR 262: Health Care Licensure, Professional Development and Practice OR HCR 263: Introduction to Medical Billing and Compliance | 3 | C | <ul style="list-style-type: none"> • Build your professional connections - join the ASU Mentor Network. • Secure a part time job or volunteer experience. • Apply for a study abroad experience. • Explore student leadership opportunities in the College of Nursing and Health Innovation. • Join a student club or professional organization. |
| CIS 105: Computer Applications and Information Technology (CS) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| HCR 210: Ethics for the Health Care Professional (HU) | 3 | C | |
| Natural Science - Quantitative (SQ) (BIO 100 recommended) | 4 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 45 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  HCR 264: Regulatory Essentials of Compliance Program Design I | 3 | C | <ul style="list-style-type: none"> • Develop your skills. |
| ACC 231: Uses of Accounting Information I | 3 | C | |
| BMI 201: Introduction to Clinical Informatics | 3 | C | |
| COM 259: Communication in Business and the Professions OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) | 3 | C | |
| SOC course (SB) (SOC 101 recommended) OR PSY course (SB) (PSY 101 recommended) OR HEP 100: Introduction to Health and Wellness (SB) OR INT 131: Design and Human Behavior (SB) | 3 | C | |

🚩 Complete First-Year Composition requirement.

🚩 Complete Mathematics (MA) requirement.

Term hours subtotal: 15

| Term 4 45 - 60 Credit Hours Critical course signified by 🚩 | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| 🚩 HCR 265: Regulatory Essentials of Compliance Program Design II | 3 | C | <ul style="list-style-type: none">• Please note that LES 305 in term 6 requires a 2.50 cumulative GPA for registration.• Explore internships. |
| HCR 262: Health Care Licensure, Professional Development and Practice OR HCR 263: Introduction to Medical Billing and Compliance | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| STP 226: Elements of Statistics (CS) OR SOC 390: Social Statistics I (CS) OR SWU 321: Statistics for Social Workers (CS) | 3 | C | |
| Elective | 2 | | |
| Term hours subtotal: | 15 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by ⭐ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ⭐ HCR 350: Introduction to Clinical Research | 3 | C | <ul style="list-style-type: none">• Develop your professional online presence. |
| ⭐ HCR 360: Data Security and Privacy in Health Care Compliance OR HCR 361: Risk Management in Health Care Compliance | 3 | C | |
| ⭐ HCR 362: Monitoring and Auditing for Health Care Compliance | 3 | C | |
| OGL 320: Foundations of Project Management | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by ⭐ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ⭐ HCR 360: Data Security and Privacy in Health Care Compliance OR HCR 361: Risk Management in Health Care Compliance | 3 | C | <ul style="list-style-type: none">• Use Handshake to research employment opportunities.• Complete an in person or virtual practice interview. |
| ⭐ HCR 460: Investigations and Disclosures in Health Care Compliance | 3 | C | |
| LES 305: Business Law and Ethics for Managers | 3 | C | |
| PAF 311: Leadership and Change (SB) OR PAF 410: Building Leadership Skills (SB) OR PAF 420: Managing Across Boundaries OR TMC 330: Leading the Enterprise | 3 | C | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) AND Cultural Diversity in the U.S. (C) | 3 | | |
| ⭐ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by ⭐ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ⭐ HCR 461: Corrective and Preventive Action Plans | 3 | C | <ul style="list-style-type: none">• Explore graduate programs including the MS Regulatory Science program.• Gather professional references.• Update your resume.• Advanced MS Excel skills recommended by industry. |
| OMT 343: Occupational Safety and Ergonomics | 3 | C | |
| TWC 347: Written Communication for Managers (L) OR ENG 301: Writing for the Professions (L) | 3 | C | |
| Elective OR HCR 484: Internship | 3 | | |
| Elective (CIS 308 recommended) | 3 | | |
| Term hours subtotal: | 15 | | |

Term hours subtotal: 15

- OMT 343 is only offered during the fall semester.

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ HCR 463: Capstone Project Health Care Compliance | 4 | C | <ul style="list-style-type: none"> • Apply for full-time career opportunities. • Connect with us as a member of our alumni community. |
| HCR 430: Foundation to Health Care Systems or HCD 330: Health Care Systems in the U.S. | 3 | C | |
| TWC 446: Technical and Scientific Reports (L) OR TWC 362: Writing in Health Professions (L) | 3 | C | |
| Humanities, Arts and Design (HU) (ART 110 OR CEE 181 OR CON 101 OR FMP 201 recommended) | 3 | | |
| Elective | 2 | | |
| Term hours subtotal: | 15 | | |

Hide Course List(s)/Track Group(s)

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map



Health Care Compliance and Regulations, BS

School/College: Edson College of Nursing and Health Innovation

Location: Online



NUHCCRBS

| Term 1 - A 0 - 5 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  ASU 101-NU: The ASU Experience | 1 | | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college specific equivalent First-Year Seminar required of all first-year students • Become familiar with the student focused services and perks available to ASU Online students. • Review library resources. |
|  HCR 259: Compliance and the Health Care Industry | 4 | C | |
| Term hours subtotal: | 5 | | |

| Term 1 - B 5 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  HCR 220: Introduction to Health Professions and the U.S. Health Care System (H) | 3 | C | <ul style="list-style-type: none"> • View ASU Online first-year student registration information here. • Select your Career Interest Communities, play me3@ ASU, and review academic programs. • Create a first draft resume. • Explore study abroad options. |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| Mathematics (MA) (MAT 117 recommended) | 3 | C | |
| Term hours subtotal: | 9 | | |

| Term 2 - A 14 - 23 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| CIS 105: Computer Applications and Information Technology (CS) | 3 | C | <ul style="list-style-type: none"> • Build your professional connections -- join the ASU Mentor Network. • Secure a part time job or volunteer experience. |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| HCR 210: Ethics for the Health Care Professional (HU) | 3 | C | |
| Term hours subtotal: | 9 | | |

| Term 2 - B 23 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  HCR 262: Health Care Licensure, Professional Development and Practice OR HCR 263: Introduction to Medical Billing and Compliance | 3 | C | <ul style="list-style-type: none"> • Apply for a study abroad experience. |
| Natural Science - Quantitative (SQ) (BIO 100 recommended) | 4 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 7 | | |

| Term 3 - A 30 - 39 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  HCR 264: Regulatory Essentials of Compliance Program Design I | 3 | C | <ul style="list-style-type: none"> • Develop your skills. |
| ACC 231: Uses of Accounting Information I | 3 | C | |

SOC course (SB) (SOC 101 recommended) OR PSY course (SB) (PSY 101 recommended) OR HEP 100: Introduction to Health and Wellness (SB)

3 C

Term hours subtotal: 9

| Term 3 - B 39 - 45 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

BMI 201: Introduction to Clinical Informatics 3 C

COM 259: Communication in Business and the Professions OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) 3 C

 Complete Mathematics (MA) requirement.

Term hours subtotal: 6

| Term 4 - A 45 - 54 Credit Hours | Hours | Minimum Grade | Notes |
|---------------------------------|-------|---------------|-------|
|---------------------------------|-------|---------------|-------|

STP 226: Elements of Statistics (CS) OR SOC 390: Social Statistics I (CS) OR SWU 321: Statistics for Social Workers (CS) 3 C

Natural Science - Quantitative (SQ) OR Natural Science - General (SG) 4

Elective 2

Term hours subtotal: 9

• Explore an **internship**.

| Term 4 - B 54 - 60 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

 HCR 265: Regulatory Essentials of Compliance Program Design II 3 C

 HCR 262: Health Care Licensure, Professional Development and Practice OR HCR 263: Introduction to Medical Billing and Compliance 3 C

Term hours subtotal: 6

• Schedule an appointment with your **advisor** to review your academic progress.

| Term 5 - A 60 - 69 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

 HCR 360: Data Security and Privacy in Health Care Compliance OR HCR 361: Risk Management in Health Care Compliance 3 C

 HCR 362: Monitoring and Auditing for Health Care Compliance 3 C

OGL 320: Foundations of Project Management 3 C

Term hours subtotal: 9

• Develop your **professional online presence**.

| Term 5 - B 69 - 75 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

 HCR 350: Introduction to Clinical Research 3 C

Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) 3

Term hours subtotal: 6

• Complete **informational interviews**.

| Term 6 - A 75 - 84 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

 HCR 360: Data Security and Privacy in Health Care Compliance OR HCR 361: Risk Management in Health Care Compliance 3 C

LES 305: Business Law and Ethics for Managers 3 C

Social-Behavioral Sciences (SB) AND Global Awareness (G) AND Cultural Diversity in the U.S. (C) 3

Term hours subtotal: 9

• Use Handshake to research **employment opportunities**.
• Complete an in-person or **virtual practice interview**.

| Term 6 - B 84 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|------------------------|
| ★ HCR 460: Investigations and Disclosures in Health Care Compliance | 3 | C | • Explore internships. |
| PAF 311: Leadership and Change (SB) OR PAF 410: Building Leadership Skills (SB) OR PAF 420: Managing Across Boundaries OR TMC 330: Leading the Enterprise | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 7 - A 90 - 99 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ HCR 461: Corrective and Preventive Action Plans | 3 | C | • Explore graduate programs including the MS Regulatory Science program. • Gather professional references. • Update your resume. |
| TWC 347: Written Communication for Managers (L) OR ENG 301: Writing for the Professions (L) | 3 | C | |
| Elective OR HCR 484: Internship | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 7 - B 99 - 105 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| OMT 343: Occupational Safety and Ergonomics | 3 | C | • Apply for full-time career opportunities • Advanced MS Excel skills recommended by industry. • OMT 343 is only offered during the fall semester. |
| Elective (CIS 308 recommended) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 105 - 112 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ HCR 463: Capstone Project Health Care Compliance | 4 | C | |
| TWC 446: Technical and Scientific Reports (L) OR TWC 362: Writing in Health Professions (L) | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 8 - B 112 - 120 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| HCR 430: Foundation to Health Care Systems OR HCD 330: Health Care Systems in the U.S. | 3 | C | • Connect with us as a member of our alumni community. |
| Humanities, Arts and Design (HU) (ART 110 OR FMP 201 recommended) | 3 | | |
| Elective | 2 | | |
| Term hours subtotal: | 8 | | |

Hide Course List(s)/Track Group(s)

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.







2020 - 2021 Major Map







Health Care Coordination, BS






School/College: Edson College of Nursing and Health Innovation

Location: Downtown Phoenix campus, West campus

NUHCCOBS

| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ASU 101-NU: The ASU Experience | 1 | | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Select your Career Interest Communities , play me3@ASU and review academic programs. • Create a first draft resume. • Explore study abroad options. • Search for on-campus employment. |
|  CDE 232: Human Development (SB) OR PSY 101: Introduction to Psychology (SB) | 3 | C | |
|  CHM 101: Introductory Chemistry (SQ) OR BIO 201: Human Anatomy and Physiology I (SG) | 4 | C | |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR | | | |
|  ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
|  MAT 142: College Mathematics (MA) | 3 | C | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  CDE 232: Human Development (SB) OR PSY 101: Introduction to Psychology (SB) | 3 | C | <ul style="list-style-type: none"> • Build your professional connections - join the ASU Mentor Network. • Secure a part time job or volunteer experience. • Apply for a study abroad experience. • Explore engagement opportunities in the College of Nursing and Health Innovation. • Join a student club or professional organization. |
|  CHM 101: Introductory Chemistry (SQ) OR BIO 201: Human Anatomy and Physiology I (SG) | 4 | C | |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR | | | |
|  ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| HCR 210: Ethics for the Health Care Professional (HU) OR HCR 220: Introduction to Health Professions and the U.S. Health Care System (H) OR | | | |
|  HCR 230: Culture and Health (C & G) | 3 | C | |
|  STP 226: Elements of Statistics (CS) OR SOC 390: Social Statistics I (CS) OR SWU 321: Statistics for Social Workers (CS) | 3 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 44 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  BIO 202: Human Anatomy and Physiology II (SG) | 4 | C | <ul style="list-style-type: none"> • Develop your skills. |
| HCR 210: Ethics for the Health Care Professional (HU) OR HCR 220: Introduction to Health Professions and the U.S. Health Care System (H) OR | | | |
|  HCR 230: Culture and Health (C & G) | 3 | C | |
|  MIC 205: Microbiology (SG) | 3 | C | |
|  MIC 206: Microbiology Laboratory (SG) | 1 | C | |
| SOC 101: Introductory Sociology (SB) OR COM 225: Public Speaking (L) | 3 | C | |

Complete Mathematics (MA) requirement.

Term hours subtotal: 14

| Term 4 44 - 60 Credit Hours Critical course signified by ⚠ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ⚠ HCR 210: Ethics for the Health Care Professional (HU) OR HCR 220: Introduction to Health Professions and the U.S. Health Care System (H) OR HCR 230: Culture and Health (C & G) | 3 | C | <ul style="list-style-type: none"> • Explore an internship. • Schedule an appointment with your advisor to review your academic progress. |
| ⚠ HCR 221: Foundational Concepts for Health Care Coordination | 3 | C | |
| ⚠ HCR 240: Human Pathophysiology | 4 | C | |
| NTR 241: Human Nutrition | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ HCD 332: Population Health Policy and Legislation | 3 | C | <ul style="list-style-type: none"> • Develop your professional online presence. |
| ★ HCR 321: Advanced Concepts for Health Care Coordination | 3 | C | |
| ★ TWC 347: Written Communication for Managers (L) OR TWC 362: Writing in Health Professions (L) | 3 | C | |
| SOC 101: Introductory Sociology (SB) OR COM 225: Public Speaking (L) | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ HCR 301: Research Methods for the Health Care Professional | 3 | C | <ul style="list-style-type: none"> • Use Handshake to research employment opportunities. • Complete an in person or virtual practice interview. |
| ★ HCR 302: Social Determinants of Health | 3 | C | |
| ★ HCR 303: Assessing Needs, Assets and Capacity for Health Education | 3 | C | |
| PAF 311: Leadership and Change (SB) | 3 | C | |
| Elective OR HCR 484: Internship | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ HCI 311: Health Innovation: Foundational Concepts | 3 | C | <ul style="list-style-type: none"> • Explore graduate programs including ASU's Master of Healthcare Innovation and the MS Regulatory Science. • Gather professional references. • Update your resume. |
| ★ HCR 400: Evidence-Based Practice for the Health Care Professional | 3 | C | |
| ★ HCR 406: Health Literacy for Health Care Professionals | 3 | C | |
| ★ HCR 422: Policy and Financial Principles in Health Care Coordination | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ HCI 428: Technology: A Tool to Advance Innovation in Health Care | 3 | C | <ul style="list-style-type: none"> • Apply for full-time career opportunities. |

| | | |
|--|----|---|
| ★ HCR 420: Professional Role Development: Health Care Coordination | 3 | C |
| ★ HCR 426: Health Care Coordination Capstone | 3 | C |
| Upper Division Elective | 3 | |
| Elective | 3 | |
| Term hours subtotal: | 15 | |

- Connect with us as a member of our [alumni community](#).

Hide Course List(s)/Track Group(s)

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.





2020 - 2021 Major Map




Health Care Coordination, BS





School/College: [Edson College of Nursing and Health Innovation](#)




Location: [Online](#)


















NUHCCOBS

| Term 1 - A 0 - 7 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  ASU 101-NU: The ASU Experience | 1 | | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Become familiar with the student focused services and perks available to ASU Online students. • Review library resources. |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR | | | |
|  ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107: First-Year Composition or ENG 108: First-Year Composition | | | |
|  MAT 142: College Mathematics (MA) | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  CDE 232: Human Development (SB) OR PSY 101: Introduction to Psychology (SB) | 3 | C | <ul style="list-style-type: none"> • View ASU Online first-time freshmen registration information here. • Select your Career Interest Communities, play me3@ASU and review academic programs. • Create a first draft resume. • Explore study abroad options. |
|  CHM 101: Introductory Chemistry (SQ) OR BIO 201: Human Anatomy and Physiology I (SG) | 4 | C | |
| Term hours subtotal: | 7 | | |

| Term 2 - A 14 - 23 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR | | | <ul style="list-style-type: none"> • Build your professional connections - join the ASU Mentor Network. • Secure a part time job or volunteer experience. |
|  ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107: First-Year Composition or ENG 108: First-Year Composition | | | |
|  HCR 210: Ethics for the Health Care Professional (HU) OR HCR 220: Introduction to Health Professions and the U.S. Health Care System (H) OR HCR 230: Culture and Health (C & G) | 3 | C | |
|  STP 226: Elements of Statistics (CS) OR SOC 390: Social Statistics I (CS) OR SWU 321: Statistics for Social Workers (CS) | 3 | C | |
| Term hours subtotal: | 9 | | |

| Term 2 - B 23 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  CDE 232: Human Development (SB) OR PSY 101: Introduction to Psychology (SB) | 3 | C | <ul style="list-style-type: none"> • Apply for a study abroad experience. • Join a professional organization. |
|  CHM 101: Introductory Chemistry (SQ) OR BIO 201: Human Anatomy and Physiology I (SG) | 4 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 7 | | |

| Term 3 - A 30 - 37 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  BIO 202: Human Anatomy and Physiology II (SG) | 4 | C | • Develop your skills. |
| SOC 101: Introductory Sociology (SB) OR COM 225: Public Speaking (L) | 3 | C | |
| Term hours subtotal: | 7 | | |
| Term 3 - B 37 - 44 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
| HCR 210: Ethics for the Health Care Professional (HU) OR HCR 220: Introduction to Health Professions and the U.S. Health Care System (H) OR HCR 230: Culture and Health (C & G) | 3 | C | • Explore Career Webinars. |
|  MIC 205: Microbiology (SG) | 3 | C | |
|  MIC 206: Microbiology Laboratory (SG) | 1 | C | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 7 | | |
| Term 4 - A 44 - 53 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
| HCR 210: Ethics for the Health Care Professional (HU) OR HCR 220: Introduction to Health Professions and the U.S. Health Care System (H) OR HCR 230: Culture and Health (C & G) | 3 | C | • Explore Career Advising. |
|  HCR 221: Foundational Concepts for Health Care Coordination | 3 | C | |
| NTR 241: Human Nutrition | 3 | C | |
| Term hours subtotal: | 9 | | |
| Term 4 - B 53 - 60 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  HCR 240: Human Pathophysiology | 4 | C | • Explore an internship. • Schedule an appointment with your advisor to review your academic progress |
| Elective | 3 | | |
| Term hours subtotal: | 7 | | |
| Term 5 - A 60 - 69 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|  TWC 347: Written Communication for Managers (L) OR TWC 362: Writing in Health Professions (L) | 3 | C | • Explore the Career Guide. |
| SOC 101: Introductory Sociology (SB) OR COM 225: Public Speaking (L) | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 9 | | |
| Term 5 - B 69 - 75 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|  HCD 332: Population Health Policy and Legislation | 3 | C | • Develop your professional online presence. |
|  HCR 321: Advanced Concepts for Health Care Coordination | 3 | C | |
| Term hours subtotal: | 6 | | |
| Term 6 - A 75 - 84 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|  HCR 301: Research Methods for the Health Care Professional | 3 | C | • Use Handshake to research employment opportunities. |
|  HCR 303: Assessing Needs, Assets and Capacity for Health Education | 3 | C | |

| | |
|---------------------------------|---|
| Elective OR HCR 484: Internship | 3 |
| Term hours subtotal: | 9 |

| Term 6 - B 84 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ HCR 302: Social Determinants of Health | 3 | C | • Complete an in person or virtual practice interview. |
| PAF 311: Leadership and Change (SB) | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 7 - A 90 - 99 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ HCI 311: Health Innovation: Foundational Concepts | 3 | C | • Explore graduate programs including ASU's Master of Healthcare Innovation and MS Regulatory Science. |
| ★ HCR 400: Evidence-Based Practice for the Health Care Professional | 3 | C | |
| ★ HCR 422: Policy and Financial Principles in Health Care Coordination | 3 | C | |
| Term hours subtotal: | 9 | | |

| Term 7 - B 99 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ HCR 406: Health Literacy for Health Care Professionals | 3 | C | • Gather professional references. • Update your resume. |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 105 - 114 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ HCI 428: Technology: A Tool to Advance Innovation in Health Care | 3 | C | • Apply for full-time career opportunities. |
| ★ HCR 420: Professional Role Development: Health Care Coordination | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 8 - B 114 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ HCR 426: Health Care Coordination Capstone | 3 | C | • Connect with us as a member of our alumni community. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

Hide Course List(s)/Track Group(s)

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

- General Studies Core Requirements:
- Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - Computer/Statistics/Quantitative Applications (CS)
 - Humanities, Arts and Design (HU)
 - Social-Behavioral Sciences (SB)

- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.





2020 - 2021 Major Map






Health Entrepreneurship and Innovation, BS




School/College: Edson College of Nursing and Health Innovation

Location: Downtown Phoenix campus, West campus




NUHCIBS





| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  ASU 101-NU: The ASU Experience | 1 | | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Select your Career Interest Communities, play me3@ASU and review academic programs. • Create a first draft resume. • Explore study abroad options. • Search for on-campus employment. • Meet with your First Year Success Coach. • Attend the Edson College Health Careers Expo. |
| COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR PSY 101: Introduction to Psychology (SB) OR SOC 101: Introductory Sociology (SB) | 3 | C | |
|  ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
|  MAT 117: College Algebra (MA) OR MAT 142: College Mathematics (MA) OR MAT course (MA) | 3 | C | |
| Natural Science - Quantitative (SQ) (BIO 100 recommended) | 4 | | |
| Term hours subtotal: | 14 | | |






| Term 2 14 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • Build your professional connections - join the ASU Mentor Network. • Secure a part time job or volunteer experience. • Apply for a study abroad experience. • Explore engagement opportunities in the Edson College of Nursing and Health Innovation. • Join a student club or professional organization. |
|  HCI 150: Introduction to Health Innovation | 3 | C | |
|  HCR 220: Introduction to Health Professions and the U.S. Health Care System (H) OR HCR 230: Culture and Health (C & G) | 3 | C | |
|  STP 226: Elements of Statistics (CS) OR SOC 390: Social Statistics I (CS) OR SWU 321: Statistics for Social Workers (CS) | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |




| Term 3 30 - 45 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR PSY 101: Introduction to Psychology (SB) OR SOC 101: Introductory Sociology (SB) | 3 | C | <ul style="list-style-type: none"> • Develop your skills. • Attend a Study Abroad 101 session. • Explore minors or certificates. • Get involved with HEALab. |
|  HCR 220: Introduction to Health Professions and the U.S. Health Care System (H) OR HCR 230: Culture and Health (C & G) | 3 | C | |
| Health Innovation Elective | 3 | C | |
| Complete 2 courses: | | | |

| | |
|--|----|
| Elective | 6 |
| Complete Mathematics (MA) requirement. | |
| Term hours subtotal: | 15 |

| Term 4 45 - 60 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| <i>Complete 2 courses:</i> | | | |
|  COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR PSY 101: Introduction to Psychology (SB) OR SOC 101: Introductory Sociology (SB) | 6 | C | <ul style="list-style-type: none"> • Explore an internship. • Schedule an appointment with your advisor to review your academic progress. |
|  HCI 250: Health Entrepreneurship and Value Creation | 3 | C | |
| Health Innovation Elective | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  HCI 311: Health Innovation: Foundational Concepts | 3 | C | <ul style="list-style-type: none"> • Develop your professional online presence. • Complete informational interviews. |
|  HCI 313: Philosophy of Science in Health Care: Understanding Paradigms of Health and Healing | 3 | C | |
|  TWC 347: Written Communication for Managers (L) OR TWC 362: Writing in Health Professions (L) | 3 | C | |
| HCR 210: Ethics for the Health Care Professional (HU) OR MED 320: Applied Medical/Health Care Ethics (HU) OR BIS 345: Organizational Ethics (HU) OR PHI 360: Business and Professional Ethics (HU) OR PHI 320: Bioethics (HU) or BIO 312: Bioethics (HU) or IAS 340: Bioethics (HU) OR PHI 409: Eco-Community Ethics (HU) or IAS 409: Eco-Community Ethics (HU) | 3 | C | |
| Health Innovation Elective | 3 | C | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  HCI 412: Transforming Health Care: A Systems Perspective for Innovation OR HCI 421: Health Care Policy: The Innovator's View OR HCI 425: Facilitating Innovation to Achieve Outcomes OR HCI 428: Technology: A Tool to Advance Innovation in Health Care | 3 | C | <ul style="list-style-type: none"> • To register for COM 312 in term 7, a minimum cumulative 2.00 GPA is required. • Use Handshake to research employment opportunities. • Complete an in person or virtual practice interview. • Meet with your advisor to discuss ways to maximize your remaining time at ASU. |
|  HCR 301: Research Methods for the Health Care Professional | 3 | C | |
|  HCR 406: Health Literacy for Health Care Professionals | 3 | C | |
| Health Innovation Elective | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) | 3 | | |
|  Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| <i>Complete 2 courses:</i> | | | |
|  HCI 412: Transforming Health Care: A Systems Perspective for Innovation OR HCI 421: Health Care Policy: The Innovator's View OR HCI 425: Facilitating Innovation to Achieve Outcomes OR HCI 428: Technology: A Tool to Advance Innovation in Health Care | 6 | C | <ul style="list-style-type: none"> • Explore graduate programs including ASU's Master of Healthcare Innovation. • Gather professional references. • Update your resume. |
|  HCR 400: Evidence-Based Practice for the Health Care Professional | 3 | C | |

| | | |
|---|----|---|
| COM 312: Communication, Conflict, and Negotiation | 3 | C |
| Health Innovation Elective | 3 | C |
| Term hours subtotal: | 15 | |

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ HCI 412: Transforming Health Care: A Systems Perspective for Innovation OR HCI 421: Health Care Policy: The Innovator's View OR HCI 425: Facilitating Innovation to Achieve Outcomes OR HCI 428: Technology: A Tool to Advance Innovation in Health Care | 3 | C | <ul style="list-style-type: none"> • Apply for full-time career opportunities. • Connect with us as a member of our alumni community. |
| HCI 484: Internship OR Upper Division Elective | 3 | | |
| Health Innovation Elective | 3 | C | |
| Complete 2 courses: Upper Division Elective | 6 | | |
| Term hours subtotal: | 15 | | |

- Students should consult with their academic advisor to identify appropriate courses for the health innovation elective. Students are encouraged to select courses in a thematic area and may pursue a minor to fulfill the health innovation elective requirement.

Hide Course List(s)/Track Group(s)

| |
|--|
| Health Innovation Elective |
| HCI OR HCR OR OGL OR TEL OR ACC OR BUA OR ECN OR ENT OR LES OR MGT OR MKT OR NTR OR OMT OR SCM OR FIN OR SOS OR TEM Elective |
| ASB 100: Introduction to Global Health (SB & G) |
| ASB 301: Global History of Health (SB & G & H) or SSH 301: Global History of Health (SB & G & H) |
| ASB 353: Death and Dying in Cross-Cultural Perspective ((HU or SB) & G) |
| ASB 355: Traditional Medicine and Healing (HU or SB) |
| ASB 462: Medical Anthropology: Culture and Health (SB & C) |
| ASM 414: Urban and Environmental Health (SB) |
| BIO 318: History of Medicine (HU & H) or HPS 331: History of Medicine (HU & H) |
| CHS 100: Optimizing Your Health and Performance (SB) |
| COM 451: Communication and Work Relationships |

HEP 100: Introduction to Health and Wellness (SB)

PAF 311: Leadership and Change (SB)

PAF 410: Building Leadership Skills (SB)

PHI 407: Environmental Philosophy and Policy (L or HU) or IAS 407: Environmental Philosophy and Policy (L or HU)

SOC 427: Sociology of Health and Illness (SB)

SOS 100: Introduction to Sustainability (G)

SOS 110: Sustainable World (SB)

TCL 321: Transborder Community Development and Health

USL 210: Service Learning: Intro to Diverse Community Issues (L & C)

WST 100: Women Gender and Society (SB & C)

WST 333: Critical Perspectives on Sexuality (SB & C)

WST 360: Women as Healers (SB & G)

WST 444: Gender Health and Bodies (SB)

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.





2020 - 2021 Major Map



Health Entrepreneurship and Innovation, BS





School/College: [Edson College of Nursing and Health Innovation](#)



Location: [Online](#)

NUHCIBS




| Term 1 - A 0 - 7 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  ASU 101-NU: The ASU Experience | 1 | | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college specific equivalent First-Year Seminar required of all first-year students • Become familiar with the student focused services and perks available to ASU Online students. • Review library resources. |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR | | | |
|  ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107: First-Year Composition or ENG 108: First-Year Composition | | | |
|  MAT 117: College Algebra (MA) OR MAT 142: College Mathematics (MA) OR MAT course (MA) | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR PSY 101: Introduction to Psychology (SB) OR SOC 101: Introductory Sociology (SB) | 3 | C | <ul style="list-style-type: none"> • View ASU Online first-year student registration information here. • Select your Career Interest Communities, complete me3@ ASU, and review academic programs. • Create a first draft resume. • Explore study abroad options. |
| Natural Science - Quantitative (SQ) (BIO 100 recommended) | 4 | | |
| Term hours subtotal: | 7 | | |



| Term 2 - A 14 - 23 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ENG 101: First-Year Composition or ENG 102: First-Year Composition OR | | | <ul style="list-style-type: none"> • Build your professional connections - join the ASU Mentor Network. • Secure a part time job or volunteer experience. |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107: First-Year Composition or ENG 108: First-Year Composition | | | |
|  HCI 150: Introduction to Health Innovation | 3 | C | |
|  STP 226: Elements of Statistics (CS) OR PSY 230: Introduction to Statistics (CS) OR SOC 390: Social Statistics I (CS) OR SWU 321: Statistics for Social Workers (CS) | 3 | C | |
| Term hours subtotal: | 9 | | |




| Term 2 - B 23 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  HCR 220: Introduction to Health Professions and the U.S. Health Care System (H) OR HCR 230: Culture and Health (C & G) | 3 | C | <ul style="list-style-type: none"> • Apply for a study abroad experience. |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 7 | | |

| | | Minimum | |
|--|--|---------|--|
|--|--|---------|--|


| Term 3 - A 30 - 36 Credit Hours Critical course signified by  | Hours | Grade | Notes |
|---|-------|-------|--------------------------------|
|  COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR PSY 101: Introduction to Psychology (SB) OR SOC 101: Introductory Sociology (SB) | 3 | C | • Develop your skills . |
|  HCR 220: Introduction to Health Professions and the U.S. Health Care System (H) OR HCR 230: Culture and Health (C & G) | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 3 - B 36 - 45 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|------------------------------------|
| Health Innovation Elective | 3 | C | • Explore Career Webinars . |
| Complete 2 courses: Elective | 6 | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 9 | | |

| Term 4 - A 45 - 51 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|------------------------------------|
|  COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR PSY 101: Introduction to Psychology (SB) OR SOC 101: Introductory Sociology (SB) | 3 | C | • Explore Career Advising . |
| Health Innovation Elective | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 4 - B 51 - 60 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR PSY 101: Introduction to Psychology (SB) OR SOC 101: Introductory Sociology (SB) | 3 | C | • Explore an internship . • Schedule an appointment with your advisor to review your academic progress. |
|  HCI 250: Health Entrepreneurship and Value Creation | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 5 - A 60 - 66 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------------------------------------|
|  HCI 311: Health Innovation: Foundational Concepts | 3 | C | • Explore the Career Guide . |
|  TWC 347: Written Communication for Managers (L) OR TWC 362: Writing in Health Professions (L) | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 5 - B 66 - 75 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  HCI 313: Philosophy of Science in Health Care: Understanding Paradigms of Health and Healing OR HCI 412: Transforming Health Care: A Systems Perspective for Innovation OR HCI 421: Health Care Policy: The Innovator's View OR HCI 425: Facilitating Innovation to Achieve Outcomes OR HCI 428: Technology: A Tool to Advance Innovation in Health Care | 3 | C | • Develop your professional online presence . |
| HCR 210: Ethics for the Health Care Professional (HU) OR MED 320: Applied Medical/Health Care Ethics (HU) OR BIS 345: Organizational Ethics (HU) OR PHI 360: Business and Professional Ethics (HU) OR PHI 320: Bioethics (HU) | 3 | C | |
| Health Innovation Elective | 3 | C | |
| Term hours subtotal: | 9 | | |

| Term 6 - A 75 - 81 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| HCI 313: Philosophy of Science in Health Care: Understanding Paradigms of Health and Healing OR HCI 412: Transforming Health Care: A Systems Perspective for Innovation OR HCI 421: Health Care Policy: The Innovator's View OR HCI 425: Facilitating Innovation to Achieve Outcomes OR HCI 428: Technology: A Tool to Advance Innovation in Health Care | 3 | C | <ul style="list-style-type: none"> Use Handshake to research employment opportunities. |
| ★ HCR 301: Research Methods for the Health Care Professional | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 81 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ HCR 406: Health Literacy for Health Care Professionals | 3 | C | <ul style="list-style-type: none"> To register for COM 312 in term 7, a minimum cumulative 2.00 GPA is required. Complete a virtual practice interview. |
| Health Innovation Elective | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 9 | | |

| Term 7 - A 90 - 96 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| HCI 313: Philosophy of Science in Health Care: Understanding Paradigms of Health and Healing OR HCI 412: Transforming Health Care: A Systems Perspective for Innovation OR HCI 421: Health Care Policy: The Innovator's View OR HCI 425: Facilitating Innovation to Achieve Outcomes OR HCI 428: Technology: A Tool to Advance Innovation in Health Care | 3 | C | <ul style="list-style-type: none"> Explore graduate programs including ASU's Master of Healthcare Innovation. Update your resume. |
| ★ HCR 400: Evidence-Based Practice for the Health Care Professional | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 96 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| HCI 313: Philosophy of Science in Health Care: Understanding Paradigms of Health and Healing OR HCI 412: Transforming Health Care: A Systems Perspective for Innovation OR HCI 421: Health Care Policy: The Innovator's View OR HCI 425: Facilitating Innovation to Achieve Outcomes OR HCI 428: Technology: A Tool to Advance Innovation in Health Care | 3 | C | <ul style="list-style-type: none"> Gather professional references. |
| ★ COM 312: Communication, Conflict, and Negotiation | 3 | C | |
| Health Innovation Elective | 3 | C | |
| Term hours subtotal: | 9 | | |

| Term 8 - A 105 - 111 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| HCI 313: Philosophy of Science in Health Care: Understanding Paradigms of Health and Healing OR HCI 412: Transforming Health Care: A Systems Perspective for Innovation OR HCI 421: Health Care Policy: The Innovator's View OR HCI 425: Facilitating Innovation to Achieve Outcomes OR HCI 428: Technology: A Tool to Advance Innovation in Health Care | 3 | C | <ul style="list-style-type: none"> Apply for full-time career opportunities. |
| ★ HCI 484: Internship OR Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| | | Minimum | |
|--|--|---------|--|
|--|--|---------|--|

| Term 8 - B 111 - 120 Credit Hours | Hours | Grade | Notes |
|-----------------------------------|-------|-------|--|
| Health Innovation Elective | 3 | C | • Connect with us as a member of our alumni community. |
| Complete 2 courses: | | | |
| Upper Division Elective | 6 | | |
| Term hours subtotal: | 9 | | |

- Students should consult with their academic advisor to identify appropriate courses for the health innovation elective. Students are encouraged to select courses in a thematic area and may pursue a minor to fulfill the health innovation elective requirement.

Hide Course List(s)/Track Group(s)

| Health Innovation Elective |
|--|
| HCI OR HCR OR OGL OR TEL OR ACC OR BUA OR ECN OR ENT OR FIN OR LES OR MGT OR MKT OR NTR OR OMT OR SCM OR SOS OR TEM Elective |
| ASB 100: Introduction to Global Health (SB & G) |
| ASB 301: Global History of Health (SB & G & H) |
| ASB 353: Death and Dying in Cross-Cultural Perspective ((HU or SB) & G) |
| ASB 462: Medical Anthropology: Culture and Health (SB & C) |
| ASM 414: Urban and Environmental Health (SB) |
| CHS 100: Optimizing Your Health and Performance (SB) |
| PAF 311: Leadership and Change (SB) |
| PAF 410: Building Leadership Skills (SB) |
| SOS 100: Introduction to Sustainability (G) |
| SOS 110: Sustainable World (SB) |

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.






2020 - 2021 Major Map





Integrative Health - Nursing & Gen Health Interest, BS





School/College: Edson College of Nursing and Health Innovation

Location: Downtown Phoenix campus, West campus

NUIHLTBS

| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ASU 101-NU: The ASU Experience | 1 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Select your Career Interest Communities, play me3@ASU and review academic programs. • Create a first draft resume. • Explore study abroad options. • Meet with your First Year Success Coach. • Attend the Edson College Health Careers Expo. |
|  CHM 101: Introductory Chemistry (SQ) or BIO 201: Human Anatomy and Physiology I (SG) | 4 | C | |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
|  MAT 142: College Mathematics (MA) | 3 | C | |
| CDE 232: Human Development (SB) OR PSY 101: Introduction to Psychology (SB) | 3 | C | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  CHM 101: Introductory Chemistry (SQ) or BIO 201: Human Anatomy and Physiology I (SG) | 4 | C | <ul style="list-style-type: none"> • Build your professional connections - join the ASU Mentor Network. • Secure a part time job or volunteer experience. • Apply for a study abroad experience. • Explore engagement opportunities in the Edson College of Nursing and Health Innovation. • Join a student club or professional organization |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
|  STP 226: Elements of Statistics (CS) OR SOC 390: Social Statistics I (CS) OR SWU 321: Statistics for Social Workers (CS) | 3 | C | |
| <i>Complete 2 courses:</i> COM 225: Public Speaking (L) OR OGL 240: Introduction to Project Management OR SOC course (SB) (SOC 101 recommended) OR SWU 250: Stress Management Tools I (SB) | 6 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 44 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  BIO 202: Human Anatomy and Physiology II (SG) | 4 | C | <ul style="list-style-type: none"> • Develop your skills. • Explore minors or certificates. |
| <i>Complete 2 courses:</i>  HCR 210: Ethics for the Health Care Professional (HU) OR HCR 220: Introduction to Health Professions and the U.S. Health Care System (H) OR HCR 230: Culture and Health (C & G) | 6 | C | |
|  MIC 205: Microbiology (SG) AND MIC 206: Microbiology Laboratory (SG) | 4 | C | |

Complete Mathematics (MA) requirement.

Term hours subtotal: 14

| Term 4 44 - 60 Credit Hours Critical course signified by ⚠ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ⚠ HCR 210: Ethics for the Health Care Professional (HU) OR HCR 220: Introduction to Health Professions and the U.S. Health Care System (H) OR HCR 230: Culture and Health (C & G) | 3 | C | <ul style="list-style-type: none"> • Explore an internship. • Schedule an appointment with your advisor to review your academic progress |
| ⚠ HCR 240: Human Pathophysiology | 4 | C | |
| ⚠ HCR 241: Foundations of Integrative Health | 3 | C | |
| CDE 232: Human Development (SB) OR PSY 101: Introduction to Psychology (SB) | 3 | C | |
| NTR 241: Human Nutrition | 3 | C | |
| Term hours subtotal: | 16 | | |

| Term 5 60 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ HCR 341: Biological, Manipulative, and Body-Based Therapies OR HCR 342: Mind-Body and Energy Therapies and Modalities | 3 | C | <ul style="list-style-type: none"> • Develop your professional online presence. |
| ★ TWC 362: Writing in Health Professions (L) OR TWC 347: Written Communication for Managers (L) | 3 | C | |
| Complete 2 courses: COM 225: Public Speaking (L) OR OGL 240: Introduction to Project Management OR SOC course (SB) (SOC 101 recommended) OR SWU 250: Stress Management Tools I (SB) | 6 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 75 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ HCR 301: Research Methods for the Health Care Professional | 3 | C | <ul style="list-style-type: none"> • Use Handshake to research employment opportunities. • Complete an in person or virtual practice interview. |
| ★ HCR 303: Assessing Needs, Assets and Capacity for Health Education | 3 | C | |
| ★ HCR 341: Biological, Manipulative, and Body-Based Therapies OR HCR 342: Mind-Body and Energy Therapies and Modalities | 3 | C | |
| ★ HCR 343: Historical and Cultural Foundations of Integrative Health Care | 3 | C | |
| Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ HCI 311: Health Innovation: Foundational Concepts | 3 | C | <ul style="list-style-type: none"> • Explore graduate programs including ASU's Master of Healthcare Innovation, the MS Regulatory Science, and the MS Aging programs. • Gather professional references. • Update your resume. |
| ★ HCR 400: Evidence-Based Practice for the Health Care Professional | 3 | C | |
| ★ HCR 406: Health Literacy for Health Care Professionals | 3 | C | |
| ★ HCR 440: Interprofessional Approaches to Integrative Health Care | 3 | C | |
| Elective OR HCR 484: Internship | 3 | | |
| Term hours subtotal: | 15 | | |

Minimum

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Grade | Notes |
|---|-------|-------|---|
| ★ HCI 428: Technology: A Tool to Advance Innovation in Health Care | 3 | C | <ul style="list-style-type: none"> • Apply for full-time career opportunities. • Connect with us as a member of our alumni community. |
| ★ HCR 441: Legal and Ethical Issues Impacting Integrative Health Care | 3 | C | |
| ★ HCR 449: Integrative Health Care Capstone | 3 | C | |
| ★ TWC 443: Grant & Proposal Writing | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 15 | | |

The BS Integrative Health degree program provides opportunities for students to pursue two separate pathways. The Health Professional School track provides an opportunity for students interested in pursuing graduate study in the health professions. This track includes the core required courses for most graduate programs. Students pursuing a graduate program in health should consult with an advisor to review the complete curriculum for graduate school preparation in the health professions. The Nursing and General Health Interest track includes the prerequisites for the nursing program at Arizona State University. This track also provides options for students interested in health care.

Hide Course List(s)/Track Group(s)

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.





2020 - 2021 Major Map



Integrative Health - Nursing & Gen Health Interest, BS




School/College: [Edson College of Nursing and Health Innovation](#)



Location: [Online](#)

NUIHLTBS

| Term 1 - A 0 - 7 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ASU 101-NU: The ASU Experience | 1 | C | <ul style="list-style-type: none"> An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses Mathematics Placement Assessment score determines placement in mathematics course ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students Select your Career Interest Communities, play me3@ASU and review academic programs. |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
|  MAT 142: College Mathematics (MA) | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  CHM 101: Introductory Chemistry (SQ) or BIO 201: Human Anatomy and Physiology I (SG) | 4 | C | <ul style="list-style-type: none"> Create a first draft resume. |
| CDE 232: Human Development (SB) OR PSY 101: Introduction to Psychology (SB) | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 2 - A 14 - 23 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> Build your professional connections - join the ASU Mentor Network. Secure a part time job or volunteer experience. |
|  STP 226: Elements of Statistics (CS) OR SOC 390: Social Statistics I (CS) OR SWU 321: Statistics for Social Workers (CS) | 3 | C | |
| COM 225: Public Speaking (L) OR OGL 240: Introduction to Project Management OR SOC course (SB) (SOC 101 recommended) OR SWU 250: Stress Management Tools I (SB) | 3 | C | |
| Term hours subtotal: | 9 | | |

| Term 2 - B 23 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  CHM 101: Introductory Chemistry (SQ) or BIO 201: Human Anatomy and Physiology I (SG) | 4 | C | <ul style="list-style-type: none"> Attend a Study Abroad 101 session. |
| COM 225: Public Speaking (L) OR OGL 240: Introduction to Project Management OR SOC course (SB) (SOC 101 recommended) OR SWU 250: Stress Management Tools I (SB) | 3 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 7 | | |

| Term 3 - A 30 - 37 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | | |
|---|---|---|------------------------|
| ❖ BIO 202: Human Anatomy and Physiology II (SG) | 4 | C | • Develop your skills. |
| HCR 210: Ethics for the Health Care Professional (HU) OR HCR 220: Introduction to Health Professions and the U.S. Health Care System (H) OR HCR 230: Culture and Health (C & G) | 3 | C | |
| Term hours subtotal: | 7 | | |

| Term 3 - B 37 - 44 Credit Hours Critical course signified by ❖ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| HCR 210: Ethics for the Health Care Professional (HU) OR HCR 220: Introduction to Health Professions and the U.S. Health Care System (H) OR HCR 230: Culture and Health (C & G) | 3 | C | |
| ❖ MIC 205: Microbiology (SG) AND MIC 206: Microbiology Laboratory (SG) | 4 | C | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 7 | | |

| Term 4 - A 44 - 53 Credit Hours Critical course signified by ❖ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--------------------------|
| ❖ HCR 241: Foundations of Integrative Health | 3 | C | • Explore an internship. |
| CDE 232: Human Development (SB) OR PSY 101: Introduction to Psychology (SB) | 3 | C | |
| NTR 241: Human Nutrition | 3 | C | |
| Term hours subtotal: | 9 | | |

| Term 4 - B 53 - 60 Credit Hours Critical course signified by ❖ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| HCR 210: Ethics for the Health Care Professional (HU) OR HCR 220: Introduction to Health Professions and the U.S. Health Care System (H) OR HCR 230: Culture and Health (C & G) | 3 | C | • Schedule an appointment with your advisor to review your academic progress |
| ❖ HCR 240: Human Pathophysiology | 4 | C | |
| Term hours subtotal: | 7 | | |

| Term 5 - A 60 - 69 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ TWC 362: Writing in Health Professions (L) OR TWC 347: Written Communication for Managers (L) | 3 | C | • Develop your professional online presence. |
| COM 225: Public Speaking (L) OR OGL 240: Introduction to Project Management OR SOC course (SB) (SOC 101 recommended) OR SWU 250: Stress Management Tools I (SB) | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 5 - B 69 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ HCR 341: Biological, Manipulative, and Body-Based Therapies OR HCR 342: Mind-Body and Energy Therapies and Modalities | 3 | C | |
| COM 225: Public Speaking (L) OR OGL 240: Introduction to Project Management OR SOC course (SB) (SOC 101 recommended) OR SWU 250: Stress Management Tools I (SB) | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 6 - A 75 - 84 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ HCR 301: Research Methods for the Health Care Professional | 3 | C | |

| | | | |
|--|---|---|--|
| ★ HCR 303: Assessing Needs, Assets and Capacity for Health Education | 3 | C | • Use Handshake to research employment opportunities. |
| Elective OR HCR 484: Internship | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 6 - B 84 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ HCR 341: Biological, Manipulative, and Body-Based Therapies OR HCR 342: Mind-Body and Energy Therapies and Modalities | 3 | C | • Complete an in person or virtual practice interview. |
| ★ HCR 343: Historical and Cultural Foundations of Integrative Health Care | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 7 - A 90 - 99 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ HCI 311: Health Innovation: Foundational Concepts | 3 | C | • Explore graduate programs including ASU's Master of Healthcare Innovation , the MS Regulatory Science , and the MS Aging programs . |
| ★ HCR 400: Evidence-Based Practice for the Health Care Professional | 3 | C | |
| ★ HCR 440: Interprofessional Approaches to Integrative Health Care | 3 | C | |
| Term hours subtotal: | 9 | | |

| Term 7 - B 99 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ HCR 406: Health Literacy for Health Care Professionals | 3 | C | • Gather professional references . • Update your resume . |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 105 - 114 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ HCR 441: Legal and Ethical Issues Impacting Integrative Health Care | 3 | C | • Apply for full-time career opportunities . |
| TWC 443: Grant & Proposal Writing | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 8 - B 114 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ HCI 428: Technology: A Tool to Advance Innovation in Health Care | 3 | C | • Connect with us as a member of our alumni community . |
| ★ HCR 449: Integrative Health Care Capstone | 3 | C | |
| Term hours subtotal: | 6 | | |

The BS Integrative Health degree program provides opportunities for students to pursue two separate pathways. The Health Professional School track provides an opportunity for students interested in pursuing graduate study in the health professions. This track includes the core required courses for most graduate programs. Students pursuing a graduate program in health should consult with an advisor to review the complete curriculum for graduate school preparation in the health professions. The Nursing and General Health Interest track includes the prerequisites for the nursing program at Arizona State University. This track also provides options for students interested in health care.

Hide Course List(s)/Track Group(s)

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.





2020 - 2021 Major Map

Integrative Health - Pre Health Grad School Track, BS

School/College: [Edson College of Nursing and Health Innovation](#)




Location: [Online](#)

NUIHLTBS

| Term 1 - A 0 - 8 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  ASU 101-NU: The ASU Experience | 1 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students |
|  BIO 181: General Biology I (SQ) | 4 | C | |
|  MAT 251: Calculus for Life Sciences (MA) | 3 | C | |
| Term hours subtotal: | 8 | | |

| Term 1 - B 8 - 15 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  BIO 182: General Biology II (SG) | 4 | C | <ul style="list-style-type: none"> • Select your Career Interest Communities, play me3@ASU and review academic programs. • Create a first draft resume. • Explore study abroad options. |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR | 3 | C | |
|  ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | | | |
| Term hours subtotal: | 7 | | |

| Term 2 - A 15 - 22 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  CHM 113: General Chemistry I (SQ) | 4 | C | <ul style="list-style-type: none"> • Build your professional connections - join the ASU Mentor Network. • Secure a part time job or volunteer experience. |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR | 3 | C | |
|  ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | | | |
| Term hours subtotal: | 7 | | |

| Term 2 - B 22 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  CHM 116: General Chemistry II (SQ) | 4 | C | <ul style="list-style-type: none"> • Apply for a study abroad experience. • Review resources and opportunities available through ASU Pre-Health Advising. |
| HCR 210: Ethics for the Health Care Professional (HU) OR HCR 220: Introduction to Health Professions and the U.S. Health Care System (H) OR HCR 230: Culture and Health (C & G) | 3 | C | |
|  STP 226: Elements of Statistics (CS) OR SOC 390: Social Statistics I (CS) OR SWU 321: Statistics for Social Workers (CS) | 3 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 10 | | |

| Term 3 - A 32 - 39 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  HCR 210: Ethics for the Health Care Professional (HU) OR HCR 220: Introduction to Health Professions and the U.S. Health Care System (H) OR HCR 230: Culture and Health (C & G) | 3 | C | <ul style="list-style-type: none"> • Develop your skills. • If interested in health-related professional programs, research timeline for admissions preparation and general |

❖ PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ) 4 C admission requirements.

Term hours subtotal: 7

Term 3 - B 39 - 46 Credit Hours Critical course signified by ❖

| | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | | |
|---|---|---|--|
| ❖ HCR 210: Ethics for the Health Care Professional (HU) OR HCR 220: Introduction to Health Professions and the U.S. Health Care System (H) OR HCR 230: Culture and Health (C & G) | 3 | C | <ul style="list-style-type: none"> • Explore minors or certificates. • Review the Career Guide for ASU Online students to learn about available career planning resources. |
| PHY 112: General Physics (SQ) AND PHY 114: General Physics Laboratory (SQ) | 4 | C | |
| Complete Mathematics (MA) requirement. | | | |

Term hours subtotal: 7

Term 4 - A 46 - 52 Credit Hours Critical course signified by ❖

| | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | | |
|--|---|---|--|
| ❖ HCR 241: Foundations of Integrative Health | 3 | C | <ul style="list-style-type: none"> • Explore an internship. |
| NTR 241: Human Nutrition | 3 | C | |

Term hours subtotal: 6

Term 4 - B 52 - 58 Credit Hours Critical course signified by ❖

| | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | | |
|---|---|---|--|
| ❖ CHM 233: General Organic Chemistry I | 3 | C | <ul style="list-style-type: none"> • Schedule an appointment with your advisor to review your academic progress. • Plan for in-person laboratory attendance in summer. |
| CDE 232: Human Development (SB) OR PSY 101: Introduction to Psychology (SB) | 3 | C | |
| Term hours subtotal: | 6 | | |

Summer 4 58 - 59 Credit Hours

| | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | | |
|---|---|---|---|
| CHM 237: General Organic Chemistry Laboratory I | 1 | C | <ul style="list-style-type: none"> • ASU Online students will complete all experiments for the Organic labs at the Tempe campus of ASU during a one-week session in summer. Lab reports will be completed in subsequent weeks during the same summer term. |
| Term hours subtotal: | 1 | | |

Term 5 - A 59 - 68 Credit Hours Necessary course signified by ★

| | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | | |
|--|---|---|--|
| ★ TWC 362: Writing in Health Professions (L) OR TWC 347: Written Communication for Managers (L) | 3 | C | <ul style="list-style-type: none"> • Develop your professional online presence. |
| CDE 232: Human Development (SB) OR PSY 101: Introduction to Psychology (SB) | 3 | C | |
| COM 225: Public Speaking (L) OR OGL 240: Introduction to Project Management OR SWU 250: Stress Management Tools I (SB) | 3 | C | |
| Term hours subtotal: | 9 | | |

Term 5 - B 68 - 74 Credit Hours Necessary course signified by ★

| | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | | |
|---|---|---|--|
| ★ HCR 341: Biological, Manipulative, and Body-Based Therapies OR HCR 342: Mind-Body and Energy Therapies and Modalities | 3 | C | <ul style="list-style-type: none"> • Register for a graduate school test prep course. |
| COM 225: Public Speaking (L) OR OGL 240: Introduction to Project Management OR SWU 250: Stress Management Tools I (SB) | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 6 - A 74 - 80 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ HCR 301: Research Methods for the Health Care Professional | 3 | C | <ul style="list-style-type: none"> • Use Handshake to research employment opportunities. • Complete an in person or virtual practice interview. |
| ★ HCR 303: Assessing Needs, Assets and Capacity for Health Education | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 80 - 89 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ HCR 341: Biological, Manipulative, and Body-Based Therapies OR HCR 342: Mind-Body and Energy Therapies and Modalities | 3 | C | <ul style="list-style-type: none"> • Schedule an appointment with your advisor to review your academic progress. • Plan for in-person laboratory attendance in summer. |
| ★ HCR 343: Historical and Cultural Foundations of Integrative Health Care | 3 | C | |
| CHM 234: General Organic Chemistry II | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 9 | | |

| Summer 6 89 - 90 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| CHM 238: General Organic Chemistry Laboratory II | 1 | C | <ul style="list-style-type: none"> • ASU Online students will complete all experiments for the Organic labs at the Tempe campus of ASU during a one-week session in summer. Lab reports will be completed in subsequent weeks during the same summer term. |
| Term hours subtotal: | 1 | | |

| Term 7 - A 90 - 99 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ HCI 311: Health Innovation: Foundational Concepts | 3 | C | <ul style="list-style-type: none"> • Explore graduate programs including ASU's Master of Healthcare Innovation, the MS Regulatory Science, and the MS Aging programs. • Gather professional references. • Update your resume. |
| ★ HCR 400: Evidence-Based Practice for the Health Care Professional | 3 | C | |
| ★ HCR 440: Interprofessional Approaches to Integrative Health Care | 3 | C | |
| Term hours subtotal: | 9 | | |

| Term 7 - B 99 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ HCR 406: Health Literacy for Health Care Professionals | 3 | C | |
| COM 225: Public Speaking (L) OR OGL 240: Introduction to Project Management OR SWU 250: Stress Management Tools I (SB) | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 105 - 114 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ HCR 441: Legal and Ethical Issues Impacting Integrative Health Care | 3 | C | <ul style="list-style-type: none"> • Apply for full-time career opportunities. |
| TWC 443: Grant & Proposal Writing | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 8 - B 114 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|--|---|---|
| ★ HCI 428: Technology: A Tool to Advance Innovation in Health Care | 3 | C |
| ★ HCR 449: Integrative Health Care Capstone | 3 | C |
| Term hours subtotal: | | 6 |

- Connect with us as a member of our [alumni community](#).

The BS Integrative Health degree program provides opportunities for students to pursue two separate pathways. The Health Professional School track provides an opportunity for students interested in pursuing graduate study in the health professions. This track includes the core required courses for most graduate programs. Students pursuing a graduate program in health should consult with an advisor to review the complete curriculum for graduate school preparation in the health professions. The Nursing and General Health Interest track includes the prerequisites for the nursing program at Arizona State University. This track also provides options for students interested in health care.

[Hide Course List\(s\)/Track Group\(s\)](#)

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.






2020 - 2021 Major Map






Integrative Health - Pre Health Grad School Track, BS




School/College: Edson College of Nursing and Health Innovation

Location: Downtown Phoenix campus, West campus

NUIHLTBS




| Term 1 0 - 15 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  ASU 101-NU: The ASU Experience | 1 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Select your Career Interest Communities, play me3@ASU and review academic programs. • Create a first draft resume. • Explore study abroad options. • Meet with your First Year Success Coach. • Attend the Edson College Health Careers Expo. |
|  BIO 181: General Biology I (SQ) | 4 | C | |
|  CHM 113: General Chemistry I (SQ) | 4 | C | |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR | 3 | C | |
|  ENG 107: First-Year Composition or ENG 108: First-Year Composition | | | |
| MAT 251: Calculus for Life Sciences (MA) | 3 | C | |
| Term hours subtotal: | 15 | | |


| Term 2 15 - 29 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  BIO 182: General Biology II (SG) | 4 | C | <ul style="list-style-type: none"> • Build your professional connections - join the ASU Mentor Network. • Secure a part time job or volunteer experience. • Apply for a study abroad experience. • Explore engagement opportunities in the Edson College of Nursing and Health Innovation. • Join a student club or professional organization. • Review resources and opportunities available through ASU Pre-Health Advising. |
|  CHM 116: General Chemistry II (SQ) | 4 | C | |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR | 3 | C | |
|  ENG 107: First-Year Composition or ENG 108: First-Year Composition | | | |
|  STP 226: Elements of Statistics (CS) OR SOC 390: Social Statistics I (CS) OR SWU 321: Statistics for Social Workers (CS) | 3 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 14 | | |






| Term 3 29 - 45 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| <i>Complete 2 courses:</i> | | | <ul style="list-style-type: none"> • Develop your skills. • If interested in health-related professional programs, research timeline for admissions preparation and general admission requirements. • Explore minors or certificates. • View Career Webinars. |
|  HCR 210: Ethics for the Health Care Professional (HU) OR HCR 220: Introduction to Health Professions and the U.S. Health Care System (H) OR HCR 230: Culture and Health (C & G) | 6 | C | |
|  PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ) | 4 | C | |
| CDE 232: Human Development (SB) OR PSY 101: Introduction to Psychology (SB) | 3 | C | |
| NTR 241: Human Nutrition | 3 | C | |

Complete Mathematics (MA) requirement.

Term hours subtotal: 16

| Term 4 45 - 59 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  CHM 233: General Organic Chemistry I | 3 | C | <ul style="list-style-type: none"> • Explore an internship. • Schedule an appointment with your advisor to review your academic progress |
| CHM 237: General Organic Chemistry Laboratory I | 1 | C | |
| HCR 210: Ethics for the Health Care Professional (HU) OR HCR 220: Introduction to Health Professions and the U.S. Health Care System (H) OR HCR 230: Culture and Health (C & G) | 3 | C | |
|  HCR 241: Foundations of Integrative Health | 3 | C | |
| PHY 112: General Physics (SQ) AND PHY 114: General Physics Laboratory (SQ) | 4 | C | |
| Term hours subtotal: | 14 | | |

| Term 5 59 - 74 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  HCR 341: Biological, Manipulative, and Body-Based Therapies OR HCR 342: Mind-Body and Energy Therapies and Modalities | 3 | C | <ul style="list-style-type: none"> • Develop your professional online presence. • Register for a graduate school test prep course. |
|  TWC 362: Writing in Health Professions (L) OR TWC 347: Written Communication for Managers (L) | 3 | C | |
| <i>Complete 2 courses:</i> COM 225: Public Speaking (L) OR OGL 240: Introduction to Project Management OR SWU 250: Stress Management Tools I (SB) | 6 | C | |
| CDE 232: Human Development (SB) OR PSY 101: Introduction to Psychology (SB) | 3 | C | |
| Term hours subtotal: | 15 | | |

| Term 6 74 - 90 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  HCR 301: Research Methods for the Health Care Professional | 3 | C | <ul style="list-style-type: none"> • Use Handshake to research employment opportunities. • Complete an in person or virtual practice interview. |
|  HCR 303: Assessing Needs, Assets and Capacity for Health Education | 3 | C | |
|  HCR 341: Biological, Manipulative, and Body-Based Therapies OR HCR 342: Mind-Body and Energy Therapies and Modalities | 3 | C | |
|  HCR 343: Historical and Cultural Foundations of Integrative Health Care | 3 | C | |
| CHM 234: General Organic Chemistry II | 3 | C | |
| CHM 238: General Organic Chemistry Laboratory II | 1 | C | |
|  Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 7 90 - 105 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  HCI 311: Health Innovation: Foundational Concepts | 3 | C | <ul style="list-style-type: none"> • Explore graduate programs including ASU's Master of Healthcare Innovation, the MS Regulatory Science, and the MS Aging programs. • Gather professional references. • Update your resume. |
|  HCR 400: Evidence-Based Practice for the Health Care Professional | 3 | C | |
|  HCR 406: Health Literacy for Health Care Professionals | 3 | C | |
|  HCR 440: Interprofessional Approaches to Integrative Health Care | 3 | C | |
| COM 225: Public Speaking (L) OR OGL 240: Introduction to Project Management OR SWU 250: Stress Management Tools I (SB) | 3 | C | |

Term hours subtotal: 15

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ HCI 428: Technology: A Tool to Advance Innovation in Health Care | 3 | C | <ul style="list-style-type: none"> • Apply for full-time career opportunities. • Connect with us as a member of our alumni community. |
| ★ HCR 441: Legal and Ethical Issues Impacting Integrative Health Care | 3 | C | |
| ★ HCR 449: Integrative Health Care Capstone | 3 | C | |
| ★ TWC 443: Grant & Proposal Writing | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | | 15 | |

The BS Integrative Health degree program provides opportunities for students to pursue two separate pathways. The Health Professional School track provides an opportunity for students interested in pursuing graduate study in the health professions. This track includes the core required courses for most graduate programs. Students pursuing a graduate program in health should consult with an advisor to review the complete curriculum for graduate school preparation in the health professions. The Nursing and General Health Interest track includes the prerequisites for the nursing program at Arizona State University. This track also provides options for students interested in health care.

[Hide Course List\(s\)/Track Group\(s\)](#)

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

- General Studies Core Requirements:
- Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - Computer/Statistics/Quantitative Applications (CS)
 - Humanities, Arts and Design (HU)
 - Social-Behavioral Sciences (SB)
 - Natural Science - Quantitative (SQ)
 - Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.








2020 - 2021 Major Map







Nursing - Post Baccalaureate BSN, BSN

School/College: [Edson College of Nursing and Health Innovation](#)






Location: [Downtown Phoenix campus, ASU@The Gila Valley](#)

NUNURDBSN

| Term 4 0 - 17 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  BIO 201: Human Anatomy and Physiology I (SG) | 4 | C | <ul style="list-style-type: none"> • Meet with a member of the Student Academic Services team to review the advancement requirements. • View the Postbaccalaureate Clinical Nursing Program Information Session • Students interested in graduating with Academic Recognition must have 56 credit hours of resident credit at ASU to qualify. Students should complete the additional 6 hours at ASU prior to starting the Postbaccalaureate Clinical Nursing Program (which is a total of 50 hours). For more details, please visit review the University Undergraduate Graduation Requirements. |
|  CHM 101: Introductory Chemistry (SQ) | 4 | C | |
|  HCR 220: Introduction to Health Professions and the U.S. Health Care System (H) | 3 | C | |
|  PSY 101: Introduction to Psychology (SB) | 3 | C | |
|  STP 226: Elements of Statistics (CS) | 3 | C | |
|  Minimum 3.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 17 | | |

| Term 5 17 - 31 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  BIO 202: Human Anatomy and Physiology II (SG) | 4 | C | <ul style="list-style-type: none"> • Contact the College of Nursing and Health Innovation Student Academic Services office for the most recent copy of the Advancement Guide. |
|  CDE 232: Human Development (SB) | 3 | C | |
|  MIC 205: Microbiology (SG) AND MIC 206: Microbiology Laboratory (SG) | 4 | C | |
|  NTR 241: Human Nutrition | 3 | C | |
|  Minimum 3.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 14 | | |

| Term 6 31 - 35 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  HCR 240: Human Pathophysiology | 4 | C | <ul style="list-style-type: none"> • Students must be placed in the Postbaccalaureate Clinical Nursing Program. Deadline to apply is September 1. Placement is not guaranteed and is highly competitive. |
|  Milestone: Students must be placed in the Post-Baccalaureate Clinical Nursing Program by the Undergraduate Student Academic Services Office. Placement is not guaranteed. There may be more applicants than clinical space allows. | | | |
|  Minimum 3.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 4 | | |

| Term 7 35 - 52 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  NUR 311: Pharmacology in Nursing | 3 | C | <ul style="list-style-type: none"> • Activate your Handshake account and build out your profile. • Join a professional organization • Develop your professional online presence |
|  NUR 330: Professional Nurse Attributes (HU) | 3 | C | |
|  NUR 356: Nursing Concepts: Fundamentals and Adult Health | 5 | C | |
|  NUR 366: Nursing Practice: Adults and Elders | 6 | Y | |

Term hours subtotal: 17

| Summer 7 52 - 68 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ NUR 315: Nursing Research and Application to Practice (L) | 3 | C | <ul style="list-style-type: none"> • Gather professional and academic references. • Explore graduate programs. |
| ★ NUR 317: Nursing Concepts for Psychiatric/Mental Health Nursing | 2 | C | |
| ★ NUR 367: Nursing Practice: Psychiatric Mental Health--Postbaccalaureate BSN | 2 | Y | |
| ★ NUR 384: Gerontological Nursing | 1 | C | |
| ★ NUR 415: Nursing Concepts for Childbearing Family | 2 | C | |
| ★ NUR 417: Nursing Concepts: Pediatric Clients | 2 | C | |
| ★ NUR 475: Nursing Practice: Care of the Childbearing Family - Post Baccalaureate | 2 | Y | |
| ★ NUR 477: Nursing Practice: Pediatric Clients | 2 | Y | |
| Term hours subtotal: | 16 | | |

| Term 8 68 - 85 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ NUR 416: Nursing Concepts: Community/Public Health | 3 | C | <ul style="list-style-type: none"> • Study for the National Council Licensure Examination (NCLEX). • Apply for full-time career opportunities. • Complete an in person or virtual practice interview. • Connect with us as a member of our alumni community |
| ★ NUR 418: Nursing Concepts: Complex Care | 3 | C | |
| ★ NUR 419: Leading and Managing Nursing in Organizational Systems | 2 | C | |
| ★ NUR 431: Professional Nurse Attributes Innovative Professional | 3 | C | |
| ★ NUR 476: Nursing Practice: Community and Public Health | 2 | Y | |
| ★ NUR 478: Nursing Practice: Complex Care | 2 | Y | |
| ★ NUR 479: Nursing Practice: Clinical Immersion | 2 | Y | |
| Term hours subtotal: | 17 | | |

- Placement into the postbaccalaureate BSN prelicensure program is based on clinical space availability. In addition to the application to ASU, there is a separate advancement process to be selected for placement. Prospective students should consult with the College of Nursing and Health Innovation Student Academic Services for the advancement requirements, including prerequisites, TEAS requirement, and immunization/background requirements. Students should also view the [Postbaccalaureate Clinical Nursing Program Information Session](#).

Hide Course List(s)/Track Group(s)

Total Hours: 85
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.








2020 - 2021 Major Map








Nursing - Traditional BSN, BSN




School/College: [Edson College of Nursing and Health Innovation](#)




Location: [Downtown Phoenix campus, ASU@The Gila Valley](#)

NUNURDBSN






| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  ASU 101-NU: The ASU Experience | 1 | | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • In order to advance into the Traditional Prelicensure Clinical Nursing Program, you must meet all of the Continuing Eligibility Criteria each semester (see bottom of major map for more details). • Select your career interest area and play me3@ASU. • Activate your Handshake account and build out your profile. • Create a first draft resume. • Explore Study Abroad options. |
|  CHM 101: Introductory Chemistry (SQ) OR BIO 201: Human Anatomy and Physiology I (SG) | 4 | C | |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR | | | |
|  ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
|  MAT 142: College Mathematics (MA) | 3 | C | |
|  Humanities, Arts and Design (HU) OR Social-Behavioral Sciences (SB) | 3 | C | |
|  Minimum 3.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  CDE 232: Human Development (SB) OR PSY 101: Introduction to Psychology (SB) | 3 | C | <ul style="list-style-type: none"> • In order to advance into the Traditional Prelicensure Clinical Nursing Program, you must meet all of the Continuing Eligibility Criteria each semester (see bottom of major map for more details). • Build your professional connections - join the ASU Mentor Network • Join a student club or professional organization. • Secure a part-time job or volunteer experience. • Explore options for summer employment. • Apply for summer Study Abroad. |
|  CHM 101: Introductory Chemistry (SQ) OR BIO 201: Human Anatomy and Physiology I (SG) | 4 | C | |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR | | | |
|  ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| HCR 210: Ethics for the Health Care Professional (HU) OR HCR | | | |
|  220: Introduction to Health Professions and the U.S. Health Care System (H) OR HCR 230: Culture and Health (C & G) | 3 | C | |
|  Approved Statistics Course AND Computer/Statistics/Quantitative Applications (CS) | 3 | C | |
|  Minimum 3.50 GPA ASU Cumulative. | | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 44 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  BIO 202: Human Anatomy and Physiology II (SG) | 4 | C | <ul style="list-style-type: none"> • In order to advance into the Traditional Prelicensure Clinical Nursing Program, you must meet all of the Continuing |
|  CDE 232: Human Development (SB) OR PSY 101: Introduction to Psychology (SB) | 3 | C | |


| | | |
|---|----|---|
|  HCR 210: Ethics for the Health Care Professional (HU) OR HCR 220: Introduction to Health Professions and the U.S. Health Care System (H) OR HCR 230: Culture and Health (C & G) | 3 | C |
|  MIC 205: Microbiology (SG) AND MIC 206: Microbiology Laboratory (SG) | 4 | C |
|  Minimum 3.50 GPA ASU Cumulative. Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 14 | |

- Eligibility Criteria each semester (see bottom of major map for more details).
- Develop your **skills**.
 - View the Traditional Prelicensure Clinical Nursing Program **Advancement Workshop**.

| Term 4 44 - 58 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  HCR 210: Ethics for the Health Care Professional (HU) OR HCR 220: Introduction to Health Professions and the U.S. Health Care System (H) OR HCR 230: Culture and Health (C & G) | 3 | C | <ul style="list-style-type: none"> • In order to advance into the Traditional Prelicensure Clinical Nursing Program, you must meet all of the Continuing Eligibility Criteria each semester (see bottom of major map for more details). • Submit your Clinical Nursing Advancement Application by February 1 for summer/fall start or September 1 for spring start. |
|  HCR 240: Human Pathophysiology | 4 | C | |
|  NTR 241: Human Nutrition | 3 | C | |
| Elective | 3 | | |
| Elective | 1 | | |
|  Minimum 3.50 GPA ASU Cumulative. Milestone: Completion of all non-coursework Nursing requirements (e.g. immunizations/titers, fingerprint clearance card, background check, CPR/BLS certification, etc.) for continuation into the Traditional Prelicensure Clinical Nursing Program. | | | |
| Term hours subtotal: | 14 | | |

| Term 5 58 - 73 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  NUR 325: Health and Illness Concepts I | 3 | C | <ul style="list-style-type: none"> • Develop your professional online presence. |
|  NUR 330: Professional Nurse Attributes (HU) | 3 | C | |
|  NUR 336: Experiential Learning | 3 | C | |
|  NUR 346: Nursing Practice: Geriatric and Adult Health | 3 | Y | |
|  NUR 352: Fundamental Concepts in Nursing | 3 | C | |
| Term hours subtotal: | 15 | | |

| Term 6 73 - 89 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  NUR 315: Nursing Research and Application to Practice (L) | 3 | C | <ul style="list-style-type: none"> • Use Handshake to research employment opportunities. • Complete an in person or virtual practice interview. |
|  NUR 326: Health and Illness Concepts: Adults and Psychiatric/Mental Health | 4 | C | |
|  NUR 337: Experiential Learning: Intermediate | 3 | C | |
|  NUR 347: Nursing Practice: Psychiatric/Mental Health and Childbearing Family | 3 | Y | |
|  NUR 353: Integration of Concepts Across the Lifespan: Conception to End of Life | 3 | C | |
|  Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 7 89 - 105 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|--|----|---|
| ★ NUR 404: Professional Nurse Concepts: Intermediate | 2 | C |
| ★ NUR 425: Health and Illness Concepts: Adults and Pediatrics | 3 | C |
| ★ NUR 436: Experiential Learning: Advanced | 3 | C |
| ★ NUR 446: Complex Nursing Practice: Adults | 2 | Y |
| ★ NUR 452: Concepts in Population-Based Health | 3 | C |
| ★ NUR 458: Interprofessional Education and Collaboration Seminar | 3 | C |
| Term hours subtotal: | 16 | |

- Gather professional and academic references.
- Explore graduate programs.

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ NUR 405: Professional Nurse Concepts: Advanced | 3 | C | <ul style="list-style-type: none"> • Study for the National Council Licensure Examination (NCLEX). • Apply for full-time career opportunities. • Connect with us as a member of our alumni community. |
| ★ NUR 426: Health and Illness Concepts Advanced | 3 | C | |
| ★ NUR 437: Experiential Learning: Readiness to Practice | 3 | C | |
| ★ NUR 448: Nursing Practice Readiness | 3 | Y | |
| ★ NUR 453: Integration Concepts in the Health Care (L) | 3 | C | |
| Term hours subtotal: | 15 | | |

Direct admit students must meet Continuing Eligibility Criteria each semester (terms 1-4) to advance into the Traditional Prelicensure Clinical Nursing Program. Advisors in CONHI Student Services review criteria each semester.

Continuing Eligibility Criteria:

- Full-time enrollment at ASU (at least 12 hours per term; some scholarships require at least 15 hours per term).
- Enroll in the courses following the published course sequence on the major map (taking courses according to term).
- Courses taken at institutions other than ASU, during the required term, must have grades recorded on the ASU system by the final grading deadline (degree conferral dates) per the ASU Academic Calendar.
- 3.50 minimum semester critical (prerequisite) course GPA in terms 1-4 (includes +/- in computation)
- Grades of C or better in critical (prerequisite) courses
- Successful completion of all screening items
- Any deviation from the approved major map requires a petition and approval from the academic program. Please consult with your advisor for more information.

Hide Course List(s)/Track Group(s)

| Approved Statistics (CS) Courses |
|--|
| EDP 454: Statistical Data Analysis in Education (CS) |
| PAF 301: Applied Statistics (CS) |
| SBS 304: Social Statistics I (CS) |
| SOC 390: Social Statistics I (CS) |
| STP 226: Elements of Statistics (CS) |
| STP 231: Statistics for Life Science (CS) |
| SWU 321: Statistics for Social Workers (CS) |

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.

2020 - 2021 Major Map

Nursing, BSN

School/College: [Edson College of Nursing and Health Innovation](#)

Location: [Online](#)

NUNURDBSN

| Term 5 - A 0 - 3 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ TWC 361: Writing for Health Care Management (L) | 3 | C | <ul style="list-style-type: none"> • Activate your Handshake account and build your profile. • Update your resume. |
| Term hours subtotal: | 3 | | |
| Term 5 - B 3 - 7 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
| ★ NUR 391: Professional Nursing Theory (L) | 4 | C | <ul style="list-style-type: none"> • Join a professional organization. • Build your professional connections - join the ASU Mentor Network. |
| Term hours subtotal: | 4 | | |
| Term 6 - A 7 - 11 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
| ★ NUR 318: Nursing Research and Evidence Translation (L) | 4 | C | <ul style="list-style-type: none"> • Develop your professional online presence. |
| Term hours subtotal: | 4 | | |
| Term 6 - B 11 - 15 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
| ★ NUR 392: Health Promotion Across the Life Span | 4 | C | <ul style="list-style-type: none"> • Build your skills. |
| Term hours subtotal: | 4 | | |
| Term 7 - A 15 - 19 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
| ★ NUR 440: Community and Public Health Nursing in the United States | 4 | C | <ul style="list-style-type: none"> • Explore graduate programs. |
| Term hours subtotal: | 4 | | |
| Term 7 - B 19 - 23 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
| ★ NUR 495: Public and Global Health in Nursing (G) | 4 | C | <ul style="list-style-type: none"> • Complete a virtual practice interview. |
| Term hours subtotal: | 4 | | |
| Term 8 - A 23 - 27 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
| ★ NUR 460: The Art of Nursing (HU) | 4 | C | <ul style="list-style-type: none"> • Gather academic and professional references. |
| Term hours subtotal: | 4 | | |
| Term 8 - B 27 - 31 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
| ★ NUR 444: Innovation in Nursing | 4 | C | <ul style="list-style-type: none"> • Update your resume. • Apply for full-time career opportunities. |
| Term hours subtotal: | 4 | | |
| Term 9 - A 31 - 35 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |

| | | | |
|--|---|---|---|
| ★ NUR 445: Nursing Management in Health Care | 4 | C | • Connect with us as a member of our alumni community . |
| Term hours subtotal: | 4 | | |

| Term 9 - B 35 - 39 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ NUR 464: Capstone: The Synthesis of Professional Nursing | 4 | C | • Explore graduate nursing programs at ASU . |
| Term hours subtotal: | 4 | | |

- There are different options available for the Online RN to BSN including the Pathway, the Non-Pathway, and the Concurrent Enrollment Program. The pre-requisites for each option vary and the number of courses needed to graduate from ASU with a BSN may vary. Students must see an RN to BSN academic advisor for more information about the pre-requisites and the graduation requirements.

Hide Course List(s)/Track Group(s)

Total Hours: 39
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.

2020 - 2021 Major Map

Applied Science (Emergency Management), BAS

School/College: Watts College of Public Service & Community Solut

Location: Downtown Phoenix campus

PPMGBAS

| Applicable Community College Prerequisites 0 - 60 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

AAS Transfer Degree Block

60

Term hours subtotal:

60

- Students may meet lower division general studies requirements with the AAS degree.
- Students must complete all ASU general studies requirements in order to earn ASU BAS degree.
- Students should work with their academic advisor to run DARS graduation audit to determine needed general studies requirements.

| Term 5 60 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

★ PAF 200: Public Service and Policy in the 21st Century

3

C

★ PAF 201: Economics and Public Policy (SB)

3

C

★ PAF 300: Public Management and Administration

3

C

Upper Division Literacy and Critical Inquiry (L)

3

Any needed lower division General Studies requirement OR Elective

3

Term hours subtotal:

15

| Term 6 75 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

★ PAF 301: Applied Statistics (CS)

3

C

★ PAF 311: Leadership and Change (SB)

3

C

★ PAF 340: Contemporary Policy Challenges

3

C

★ PAF 360: Emergency Management I

3

C

Any needed lower division General Studies requirement OR Elective

3

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal:

15

- Use Handshake to research employment opportunities

| Term 7 90 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

★ PAF 302: Public Service Research Methods

3

C

★ PAF 410: Building Leadership Skills (SB)

3

C

★ PAF 424: Emergency Management II

3

C

★ PAF 460: Public Service Ethics

3

C

★ PAF 468: Planning and Exercises

3

C

Term hours subtotal:

15

- Apply for full-time career opportunities

| Term 8 105 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ PAF 400: Senior Capstone Project | 3 | C | |
| ★ PAF 425: National Incident Management System (NIMS) | 3 | C | |
| ★ PAF 469: Terrorism Defense | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) | 3 | | |
| Any needed lower division General Studies requirement OR Elective | 3 | | |
| Term hours subtotal: | 15 | | |

Hide Course List(s)/Track Group(s)

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map




Community Advocacy and Social Policy, BA




School/College: Watts College of Public Service & Community Solut

Location: Downtown Phoenix campus, West campus

PPCASPBA

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  SWU 171: Introduction to Social Work (SB & H) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • For the Public Service Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups. |
|  PSY 101: Introduction to Psychology (SB) OR SOC 101: Introductory Sociology (SB) | 3 | | |
| ASU 101-CPP: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Public Service Interdisciplinary Requirement | 3 | | |
| Milestone: Meet with an academic advisor | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  PHI 101: Introduction to Philosophy (HU) OR PHI 105: Intro to Ethics (HU) OR SWU 183: Introductory Ethics: A Social Issues Perspectives (HU) | 3 | | <ul style="list-style-type: none"> • For the Public Service Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups. • Join a student club or professional organization. |
| ECN 211: Macroeconomic Principles (SB) OR SWU 181: Economics: A Social Issues Perspective | 3 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Public Service Interdisciplinary Requirement | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 48 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  POS 110: American Government and Politics (SB) OR SWU 182: Social Services Perspective of Government (SB) | 3 | | <ul style="list-style-type: none"> • By the end of term 4, students should have completed the following requirements: <ol style="list-style-type: none"> 1. ECN 211 or SWU 181 2. PHI 101 or PHI 105 or SWU 183 3. POS 110 or SWU 182 • Develop your skills. |
| Diversity and Oppressed Population | 3 | | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Elective | 3 | | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 48 - 63 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|--|----|---|
| ❗ SWU 291: Social Service Delivery Systems | 3 | C |
| Diversity and Oppressed Population | 3 | |
| Social Problems and Interventions | 3 | |
| Complete 2 courses: | | |
| Elective | 6 | |
| ❗ Complete ECN 211 OR SWU 181 course. | | |
| Term hours subtotal: | 15 | |

- Successful completion of SWU 291 will satisfy the college Solution-Based Learning (SBL) Requirement.

| Term 5 63 - 78 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ SWU 306: Ethics in Social Services (L) | 3 | C | <ul style="list-style-type: none"> • Develop your professional online presence. |
| ★ SWU 350: Whole Person Health Across the Lifespan (SB) | 3 | C | |
| SWU 321: Statistics for Social Workers (CS) | 3 | | |
| Upper Division Diversity and Oppressed Population | 3 | | |
| Upper Division Social Problems and Interventions | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ SWU 303: Micro Human Behavior and the Social Environment (L or SB) | 3 | C | <ul style="list-style-type: none"> • Use Handshake to research employment opportunities. |
| ★ SWU 340: Macro Human Behavior and the Social Environment (SB) | 3 | C | |
| SWU 302: Human Biology for Social Workers | 3 | | |
| SWU 320: Research Methods in Social Work | 3 | C | |
| SWU 374: Diversity and Oppression in a Social Work Context (C) | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ SWU 332: Social Policy and Advocacy | 3 | C | <ul style="list-style-type: none"> • Apply for full-time career opportunities. |
| Upper Division Diversity and Oppressed Population | 3 | | |
| Complete 2 courses: | | | |
| Upper Division Social Problems and Interventions | 6 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ SWU 488: Advocacy Strategies | 3 | C | |
| Upper Division Diversity and Oppressed Population | 3 | | |
| Upper Division Social Problems and Interventions | 3 | | |
| Elective OR SWU 484: Internship | 3 | | |
| Term hours subtotal: | 12 | | |

- For the Public Service Interdisciplinary Requirement:

- Students can choose courses from any of the four Interdisciplinary areas/track groups.
- To meet the requirement, students must take two courses from at least two different groups.

Social Problems and Interventions: Courses focus on social problems that disproportionately affect members of oppressed populations and change strategies. Select five of the courses in this sequence; four courses must be SWU courses; 12 credits must be upper division. **Diversity and Oppressed Populations:** Courses focus on oppressed or marginalized populations and systems of oppression/domination. Select five of the courses in this sequence; two courses must be SWU courses; 9 credits must be upper division. **For the Solution-Based Learning (SBL) College Requirement:**

- Students must complete one SBL course by degree completion.
- Successful completion of SWU 291 will satisfy the SBL Requirement.

Hide Course List(s)/Track Group(s)

| Public Service Interdisciplinary Requirement-Area 1 | Public Service Interdisciplinary Requirement-Area 2 | Public Service Interdisciplinary Requirement-Area 3 |
|--|---|--|
| CRJ 100: Introduction to Criminal Justice (SB) | PAF 200: Public Service and Policy in the 21st Century | CSM 201: Introduction to Community Sports |
| CRJ 201: Criminal Justice Crime Control Policies and Practices | PAF 201: Economics and Public Policy (SB) | NLM 160: Voluntary Action and Community Leadership (SB) |
| CRJ 203: Courts and Sentencing | PAF 240: Urban Policy (C) | NLM 220: Introduction to Nonprofit Organizations |
| CRJ 204: Juvenile Justice | PAF 311: Leadership and Change (SB) | PRM 120: Leisure and the Quality of Life (SB) |
| CRJ 230: Introduction to Policing | PAF 410: Building Leadership Skills (SB) | PRM 364: Foundations of Recreation Therapy (SB) |
| CRJ 240: Introduction to Corrections | | PRM 380: Wilderness and Parks in America (SB & H) |
| CRJ 260: Substantive Criminal Law | | TDM 205: Introduction to Travel and Tourism (G) |
| CRJ 270: Community Justice (SB) | | TDM 458: International Tourism (G) |
| CRJ 305: Gender Crime and Criminal Justice (C) | | |
| CRJ 306: Race Ethnicity Crime and Criminal Justice (C) | | |
| CRJ 309: Criminology (SB) | | |
| CRJ 350: Law and Social Control (SB) | | |
| Public Service Interdisciplinary Requirement-Area 4 | Social Problems and Interventions | Diversity and Oppressed Populations |
| CPP Elective | AIS 180: Introduction to American Indian Studies (C) | AFR 210: Introduction to African American Studies (C) |
| | AIS 380: Contemporary Issues of American Indian Nations (C) | AFR 212: Introduction to Ethnic Studies in the U.S. (C) |
| | ASB 300: Food and Culture ((L or SB) & C) | AFR 370: Family Ethnic and Cultural Diversity (SB & C) |
| | ASB 462: Medical Anthropology: Culture and Health (SB & C) | AFR 375: Race Gender and Sport (SB & C) |
| | COM 463: Intercultural Communication in a Global Context (SB & G) | AFR 494: The African American Rhetorical Tradition |
| | CRJ 204: Juvenile Justice | AMS 380: Race Gender and Class (SB & C) |
| | CRJ 461: Domestic Violence | APA 200: Introduction to Asian Pacific American Studies ((HU or SB) & C) |
| | HCD 210: Cultural Aspects of Health (C) | APA 210: Introduction to Ethnic Studies in the U.S. (C) |

| | |
|--|---|
| HST 339: Islam in the Modern World (HU & G) | APA 330: Asian Pacific American Genders and Sexualities ((L or SB) & C) |
| JUS 332: Politics of Energy Policy and Justice | APA 360: Chinese American ((HU or SB) & C) |
| JUS 420: Women Work and Justice ((L or SB) & C) | ASB 346: Marriage and Family Diversity (SB & C) |
| SOC 241: Modern Social Problems (SB) | CRJ 305: Gender Crime and Criminal Justice (C) |
| SOC 264: Gender and Society (SB & C) | ETH 100: Ethnic and Indigenous Lives (SB & C) |
| SOC 270: Racial and Ethnic Relations (SB & C) | FAS 370: Family Ethnic and Cultural Diversity (SB & C) |
| SOC 424: Women and Health (SB) | HRC 200: Introduction to Social and Cultural Analysis (SB & C) |
| SPE 222: Orientation to Education of Exceptional Children (SB & C) | HST 325: Immigration and Ethnicity in the United States (SB & H & C) |
| SWU 250: Stress Management Tools I (SB) | JUS 210: Introduction to Ethnic Studies in the U.S. (C) |
| SWU 349: Stress Management Tools II (SB) | JUS 235: Disability Justice and Advocacy (C) |
| SWU 351: Sustainable Living Mindful Eating (SB) | JUS 350: Immigration and Justice (SB & C) |
| SWU 394: Ending Homelessness | MCO 460: Race Gender and Media (C) |
| SWU 416: Domestic Violence and National AmeriCorps Service | MUS 410: History of Women in Music (HU & C & H) |
| SWU 417: Technology Interpersonal Relationships and Abuse | POS 435: Women and Politics (SB & C) |
| SWU 454: Overview of Addictions | REL 330: Native American Worldviews (HU & C) |
| SWU 456: Immigrants and Refugees (C) | SOC 270: Racial and Ethnic Relations (SB & C) |
| SWU 458: Behavioral Health Services | SOC 378: Migration and Society (SB & C) |
| SWU 460: Legal Issues in Social Work | SOC 418: Aging and the Life Course (SB & H) |
| SWU 461: Lesbian Gay Bisexual Transgender and Queer Issues (C) | SWU 180: Introduction to Lesbian Gay Bisexual and Transgender (LGBT) Studies (SB & C) |
| SWU 462: Global Social Welfare (G) | SWU 418: Global Violence Against Women |
| TCL 323: Latina/o Health Issues (SB & C) | SWU 457: Southwest Borderland Immigration Issues (C) |
| TCL 340: Chicana/o and Latina/o Politics and Policy (L & C) | SWU 498: Working With American Indians (L) |
| TWC 454: Information Technology and Culture (C) | WST 270: Global Perspectives on Women |
| | WST 300: Women and Gender in Contemporary Society (SB & C) |

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.










2020 - 2021 Major Map

Community Advocacy and Social Policy, BA

School/College: Watts College of Public Service & Community Solut

Location: Online

PPCASPBA

| Term 1 - A 0 - 7 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  SWU 171: Introduction to Social Work (SB & H) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 is for ASU freshman students only and is not required for transfer students |
| ASU 101-CPP: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| Term hours subtotal: | 7 | | |
| Term 1 - B 7 - 13 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  PSY 101: Introduction to Psychology (SB) OR SOC 101: Introductory Sociology (SB) | 3 | | <ul style="list-style-type: none"> • View ASU Online first-year student registration information here. |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Milestone: Meet with an academic advisor | | | |
| Term hours subtotal: | 6 | | |
| Term 2 - A 13 - 19 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  ECN 211: Macroeconomic Principles (SB) OR SWU 181: Economics: A Social Issues Perspective | 3 | | |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| Term hours subtotal: | 6 | | |
| Term 2 - B 19 - 26 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  PHI 101: Introduction to Philosophy (HU) OR PHI 105: Intro to Ethics (HU) OR SWU 183: Introductory Ethics: A Social Issues Perspectives (HU) | 3 | | <ul style="list-style-type: none"> • Mathematics Placement Assessment score determines placement in mathematics course • By the end of term four, students should have completed the following requirements: <ol style="list-style-type: none"> 1. ECN 211 or SWU 181 2. PHI 101 or PHI 105 or SWU 183 3. POS 110 or SWU 182 • Join a student club or professional organization. |
| Natural Science - Quantitative (SQ) | 4 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 7 | | |
| Term 3 - A 26 - 32 Credit Hours | Hours | Minimum Grade | Notes |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |

| | |
|----------------------|---|
| Elective | 3 |
| Term hours subtotal: | 6 |

| Term 3 - B 32 - 39 Credit Hours Critical course signified by ⚠ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | | |
|---|---|--|--------------------------------|
| ⚠ POS 110: American Government and Politics (SB) OR SWU 182: Social Services Perspective of Government (SB) | 3 | | • Develop your skills . |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| ⚠ Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 7 | | |

| Term 4 - A 39 - 45 Credit Hours | Hours | Minimum Grade | Notes |
|---------------------------------|-------|---------------|-------|
|---------------------------------|-------|---------------|-------|

| | | |
|------------------------------------|---|--|
| Diversity and Oppressed Population | 3 | |
| Elective | 3 | |
| Term hours subtotal: | 6 | |

| Term 4 - B 45 - 51 Credit Hours Critical course signified by ⚠ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | | |
|--|---|---|---|
| ⚠ SWU 291: Social Service Delivery Systems | 3 | C | <ul style="list-style-type: none"> • Successful completion of SWU 291 will satisfy the college Solution-Based Learning (SBL) Requirement • For the Public Service Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups. |
| Public Service Interdisciplinary Requirement | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - A 51 - 57 Credit Hours | Hours | Minimum Grade | Notes |
|---------------------------------|-------|---------------|-------|
|---------------------------------|-------|---------------|-------|

| | | |
|---|---|--|
| SWU 321: Statistics for Social Workers (CS) | 3 | |
| Diversity and Oppressed Population | 3 | |
| Term hours subtotal: | 6 | |

| Term 5 - B 57 - 63 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | |
|---|---|---|
| ★ SWU 306: Ethics in Social Services (L) | 3 | C |
| SWU 302: Human Biology for Social Workers | 3 | |
| Term hours subtotal: | 6 | |

| Term 6 - A 63 - 69 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | |
|--|---|---|
| ★ SWU 303: Micro Human Behavior and the Social Environment (L or SB) | 3 | C |
| SWU 320: Research Methods in Social Work | 3 | C |
| Term hours subtotal: | 6 | |

| Term 6 - B 69 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | |
|--|---|---|
| ★ SWU 350: Whole Person Health Across the Lifespan (SB) | 3 | C |
| Upper Division Diversity and Oppressed Population | 3 | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |

Term hours subtotal: 6

| Term 7 - A 75 - 81 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ SWU 340: Macro Human Behavior and the Social Environment (SB) | 3 | C | |
| SWU 374: Diversity and Oppression in a Social Work Context (C) | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 81 - 87 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| Upper Division Social Problems and Interventions | 3 | | <ul style="list-style-type: none"> For the Public Service Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups. Develop your professional online presence. |
| Public Service Interdisciplinary Requirement | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 87 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ SWU 332: Social Policy and Advocacy | 3 | C | |
| Upper Division Social Problems and Interventions | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 93 - 99 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| Upper Division Social Problems and Interventions | 3 | | <ul style="list-style-type: none"> Use Handshake to research employment opportunities. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - A 99 - 105 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| Upper Division Social Problems and Interventions | 3 | | |
| Elective OR SWU 484: Internship | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - B 105 - 111 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ Social Problems and Interventions | 3 | | <ul style="list-style-type: none"> Apply for full-time career opportunities. |
| Upper Division Diversity and Oppressed Population | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 10 - A 111 - 117 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| Upper Division Diversity and Oppressed Population | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 10 - B 117 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ SWU 488: Advocacy Strategies | 3 | C | |
| Term hours subtotal: | 3 | | |

- For the Public Service Interdisciplinary Requirement:
 - Students can choose courses from any of the four Interdisciplinary areas/track groups.
 - To meet the requirement, students must take two courses from at least two different groups.

Social Problems and Interventions: Courses focus on social problems that disproportionately affect members of oppressed populations and change strategies. Select five of the courses in this sequence; four courses must be SWU courses; 12 credits must be upper division. Diversity and Oppressed Populations: Courses focus on oppressed or marginalized populations and systems of oppression/domination. Select five of the courses in this sequence; two courses must be SWU courses; 9 credits must be upper division. For the Solution-Based Learning (SBL) College Requirement:

- Students must complete one SBL course by degree completion.
- Successful completion of SWU 291 will satisfy the SBL Requirement.

Hide Course List(s)/Track Group(s)

| Public Service Interdisciplinary Requirement-Area 1 | Public Service Interdisciplinary Requirement-Area 2 | Public Service Interdisciplinary Requirement-Area 3 |
|--|--|---|
| CRJ 100: Introduction to Criminal Justice (SB) | PAF 200: Public Service and Policy in the 21st Century | CSM 201: Introduction to Community Sports |
| CRJ 201: Criminal Justice Crime Control Policies and Practices | PAF 201: Economics and Public Policy (SB) | PRM 120: Leisure and the Quality of Life (SB) |
| CRJ 203: Courts and Sentencing | PAF 311: Leadership and Change (SB) | PRM 364: Foundations of Recreation Therapy (SB) |
| CRJ 204: Juvenile Justice | PAF 410: Building Leadership Skills (SB) | PRM 380: Wilderness and Parks in America (SB & H) |
| CRJ 230: Introduction to Policing | | TDM 205: Introduction to Travel and Tourism (G) |
| CRJ 240: Introduction to Corrections | | TDM 458: International Tourism (G) |
| CRJ 260: Substantive Criminal Law | | |
| CRJ 270: Community Justice (SB) | | |
| CRJ 305: Gender Crime and Criminal Justice (C) | | |
| CRJ 306: Race Ethnicity Crime and Criminal Justice (C) | | |
| CRJ 309: Criminology (SB) | | |
| CRJ 350: Law and Social Control (SB) | | |
| Public Service Interdisciplinary Requirement-Area 4 | Social Problems and Interventions Courses | Diversity and Oppressed Populations Courses |
| CPP Elective | ASB 300: Food and Culture ((L or SB) & C) | AFR 375: Race Gender and Sport (SB & C) |
| | ASB 462: Medical Anthropology: Culture and Health (SB & C) | AMS 380: Race Gender and Class (SB & C) |
| | CRJ 204: Juvenile Justice | APA 330: Asian Pacific American Genders and Sexualities ((L or SB) & C) |
| | CRJ 461: Domestic Violence | CRJ 305: Gender Crime and Criminal Justice (C) |
| | HSC 210: Cultural Aspects of Health (C) | FAS 370: Family Ethnic and Cultural Diversity (SB & C) |
| | HST 339: Islam in the Modern World (HU & G) | HST 325: Immigration and Ethnicity in the United States (SB & H & C) |
| | SOC 241: Modern Social Problems (SB) | |

| | |
|--|---|
| SOC 264: Gender and Society (SB & C) | JUS 350: Immigration and Justice (SB & C) |
| SOC 270: Racial and Ethnic Relations (SB & C) | MCO 460: Race Gender and Media (C) |
| SOC 424: Women and Health (SB) | MUS 410: History of Women in Music (HU & C & H) |
| SPE 222: Orientation to Education of Exceptional Children (SB & C) | POS 435: Women and Politics (SB & C) |
| SWU 250: Stress Management Tools I (SB) | REL 330: Native American Worldviews (HU & C) |
| SWU 349: Stress Management Tools II (SB) | SOC 270: Racial and Ethnic Relations (SB & C) |
| SWU 351: Sustainable Living Mindful Eating (SB) | SOC 378: Migration and Society (SB & C) |
| SWU 454: Overview of Addictions | SOC 418: Aging and the Life Course (SB & H) |
| SWU 456: Immigrants and Refugees (C) | SWU 180: Introduction to Lesbian Gay Bisexual and Transgender (LGBT) Studies (SB & C) |
| SWU 458: Behavioral Health Services | SWU 457: Southwest Borderland Immigration Issues (C) |
| SWU 460: Legal Issues in Social Work | SWU 498: Working With American Indians (L) |
| SWU 461: Lesbian Gay Bisexual Transgender and Queer Issues (C) | WST 300: Women and Gender in Contemporary Society (SB & C) |
| SWU 462: Global Social Welfare (G) | |
| TCL 323: Latina/o Health Issues (SB & C) | |
| TWC 454: Information Technology and Culture (C) | |

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.










2020 - 2021 Major Map

Community Development, BA

School/College: Watts College of Public Service & Community Solut

Location: Downtown Phoenix campus

PPCOMDEVBA

| Term 1 0 - 17 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes | |
|--|-------|---------------|--|-------|
|  CRD 100: Introduction to Community Development | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • ASU 101 is for ASU first-year students only and is not required for transfer students • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. | |
| ENG 101 or ENG 102: First-Year Composition OR | | | | |
|  ENG 105: Advanced First-Year Composition OR | 3 | C | | |
| ENG 107 or ENG 108: First-Year Composition | | | | |
| ASU 101-CPP: The ASU Experience | 1 | | | |
| MAT 142: College Mathematics (MA) | 3 | C | | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | | |
| Humanities, Arts and Design (HU) | 3 | | | |
| Milestone: Meet with the Clinical Assistant Professor for Internships to discuss requirement of 200 career field exploration hours. | | | | |
| Term hours subtotal: | 17 | | | |
| Term 2 17 - 34 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes | |
|  CRD 200: Foundations of Community Development | 3 | C | <ul style="list-style-type: none"> • Network in your career interest area • Once second language requirement is completed, students take elective credit. | |
| ENG 101 or ENG 102: First-Year Composition OR | | | | |
|  ENG 105: Advanced First-Year Composition OR | 3 | C | | |
| ENG 107 or ENG 108: First-Year Composition | | | | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | | |
| Natural Science - Quantitative (SQ) | 4 | | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | | |
| Term hours subtotal: | 17 | | | |
| Term 3 34 - 50 Credit Hours Critical course signified by  | Hours | Minimum Grade | | Notes |
|  CRD 210: Community Services and Professions | 3 | C | <ul style="list-style-type: none"> • Secure volunteer experience to start your 200 career field exploration hours • Once second language requirement is completed, students take elective credit. • Students can choose courses from any of the four Interdisciplinary Areas/track groups. To meet the requirement, students must take two courses from at least two different groups. | |
| Interdisciplinary Requirement | 3 | | | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | | |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | | | |
|  Complete Mathematics (MA) requirement. | | | | |
| Term hours subtotal: | 16 | | | |
| | | Minimum | | |

| Term 4 50 - 65 Credit Hours Critical course signified by 🚩 | Hours | Grade | Notes |
|--|-------|-------|--|
| 🚩 COM 225: Public Speaking (L) | 3 | C | <ul style="list-style-type: none"> Once second language requirement is completed, students take elective credit. Students choose one emphasis area from below. Students will complete 6 courses (3 courses must be upper-division in Terms 6 and 7). |
| Emphasis Elective | 3 | C | |
| Interdisciplinary Requirement | 3 | | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Elective | 2 | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 5 65 - 81 Credit Hours Necessary course signified by ⭐ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ⭐ CRD 301: Sustainable Communities | 3 | C | <ul style="list-style-type: none"> Successful completion of CRD 301 will satisfy the college Solution-Based Learning (SBL) Requirement. Develop your skills |
| Complete 2 courses: Emphasis Elective | 6 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Term hours subtotal: | 16 | | |

| Term 6 81 - 96 Credit Hours Necessary course signified by ⭐ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ⭐ CRD 302: Inclusive Community Development (SB & C) | 3 | C | <ul style="list-style-type: none"> Develop your professional online presence |
| CRD 300: Research Methods and Applied Skills | 3 | C | |
| Complete 2 courses: Upper Division Emphasis Elective | 6 | C | |
| Upper Division Elective | 3 | | |
| ⭐ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 96 - 108 Credit Hours Necessary course signified by ⭐ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ⭐ CRD 402: Assessment and Evaluation of Community Services | 3 | C | <ul style="list-style-type: none"> Successful completion of CRD 402 will satisfy the college Solution-Based Learning (SBL) Requirement Research employment/internship opportunities |
| ⭐ CRD 403: Leadership and Professional Development | 3 | C | |
| Upper Division Emphasis Elective | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 12 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ⭐ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ⭐ CRD 400: Capstone: Leadership, Applied Skills and Community Development | 3 | C | |
| CRD 484: Internship | 6 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 12 | | |

- For the Interdisciplinary Requirement:
 - Students can choose courses from any of the four Interdisciplinary areas/track groups.
 - To meet the requirement, students must take two courses from at least two different groups.

For the Solution-Based Learning (SBL) College Requirement:

- Students must complete one SBL course by degree completion.
- Successful completion of CRD 301 or CRD 402 will satisfy the SBL Requirement.

Hide Course List(s)/Track Group(s)

| Interdisciplinary Requirement - Area 1 | Interdisciplinary Requirement - Area 2 | Interdisciplinary Requirement - Area 3 |
|--|---|---|
| CRJ 100: Introduction to Criminal Justice (SB) | PAF 200: Public Service and Policy in the 21st Century | SWU 171: Introduction to Social Work (SB & H) |
| CRJ 201: Criminal Justice Crime Control Policies and Practices | PAF 201: Economics and Public Policy (SB) | SWU 180: Introduction to Lesbian Gay Bisexual and Transgender (LGBT) Studies (SB & C) |
| CRJ 203: Courts and Sentencing | PAF 240: Urban Policy (C) | |
| CRJ 204: Juvenile Justice | PAF 311: Leadership and Change (SB) | SWU 181: Economics: A Social Issues Perspective |
| CRJ 230: Introduction to Policing | PAF 410: Building Leadership Skills (SB) | SWU 182: Social Services Perspective of Government (SB) |
| CRJ 240: Introduction to Corrections | | SWU 183: Introductory Ethics: A Social Issues Perspectives (HU) |
| CRJ 260: Substantive Criminal Law | | SWU 250: Stress Management Tools I (SB) |
| CRJ 270: Community Justice (SB) | | SWU 349: Stress Management Tools II (SB) |
| CRJ 305: Gender Crime and Criminal Justice (C) | | SWU 456: Immigrants and Refugees (C) |
| CRJ 306: Race Ethnicity Crime and Criminal Justice (C) | | SWU 458: Behavioral Health Services |
| CRJ 309: Criminology (SB) | | SWU 459: Spirituality and the Helping Professions |
| CRJ 350: Law and Social Control (SB) | | SWU 460: Legal Issues in Social Work |
| | | SWU 461: Lesbian Gay Bisexual Transgender and Queer Issues (C) |
| Interdisciplinary Requirement-Area 4 | Nonprofit Leadership and Management Emphasis | Public Policy Emphasis |
| CPP Elective | NLM 160: Voluntary Action and Community Leadership (SB) | PAF 200: Public Service and Policy in the 21st Century |
| | NLM 220: Introduction to Nonprofit Organizations | PAF 201: Economics and Public Policy (SB) |
| | NLM 300: Fund Raising and Resource Development | PAF 240: Urban Policy (C) |
| | NLM 310: Volunteer Management | PAF 300: Public Management and Administration |
| | NLM 380: Financial Management for Nonprofit Organizations | PAF 301: Applied Statistics (CS) |
| | NLM 410: Social Entrepreneurship | PAF 302: Public Service Research Methods |
| | NLM 430: Managing Nonprofit Organizations (L) | PAF 305: Urban Governance |
| | | PAF 311: Leadership and Change (SB) |
| | | PAF 340: Contemporary Policy Challenges |
| | | PAF 360: Emergency Management I |

| | | |
|--|--|--|
| | NLM 435: Service Learning for Community Development | PAF 405: Citizen Engagement and Community Building |
| | NLM 451: Grant Writing | PAF 406: Public Administration and Community Development |
| | | PAF 410: Building Leadership Skills (SB) |
| | | PAF 420: Managing Across Boundaries |
| | | PAF 471: Public Policy Analysis |
| Sustainability Emphasis | Social Determinants of Health Emphasis | American Indian Emphasis |
| SOS 100: Introduction to Sustainability (G) | CRD 494: Interprofessional Education and Community Health | AIS 180: Introduction to American Indian Studies (C) |
| SOS 110: Sustainable World (SB) | CRD 494: Interprofessional Education and Complex Health | AIS 285: Federal Indian Policy (H & C) |
| SOS 111: Sustainable Cities ((HU or SB) & G) | CRD 494: Interprofessional Education and System Health | AIS 320: American Indian Philosophies and World Views (HU & C) |
| SOS 181: Technological Social and Sustainable Systems (HU) | EXW 450: Social Determinants of Health and Health Behavior ((L or SB) & C) | AIS 360: Issues in Urban Indian Country (C) |
| SOS 220: Systems Thinking | HCD 303: Global Health Care Systems (G) | AIS 375: Innovation for American Indian Sustainability |
| SOS 310: Equity Justice and Sustainability | HCR 230: Culture and Health (C & G) | AIS 380: Contemporary Issues of American Indian Nations (C) |
| SOS 311: Future Thinking and Strategies | HCR 231: Fundamentals of Community Health | AIS 385: Entrepreneurship for American Indian Sustainability |
| SOS 330: Sustaining the Commons (L) | HCR 302: Social Determinants of Health | AIS 470: Tribal Governance |
| | HEP 102: Principles and Foundations of Health Education and Health Promotion | |
| | HEP 444: Epidemiology | |
| | HEP 476: Community Health | |
| | MED 445: Prevention and Management of Chronic Disease | |
| | PBH 422: Health Disparities and Access to Health | |
| | POP 100: Introduction to Population Health | |
| | PRM 440: Advocacy in Therapeutic Recreation | |
| | PRM 450: Therapeutic Recreation and Community Health | |
| Tourism and Recreation Management Emphasis | | |
| TDM 205: Introduction to Travel and Tourism (G) | | |
| TDM 345: Meeting and Convention Planning | | |
| TDM 372: Tourism Planning (L) | | |
| TDM 401: Tourism Management | | |

TDM 458: International Tourism (G)

TDM 480: Sustainable Tourism

TDM 481: Sustainable Food Management in
Tourism

TDM 482: Sustainable Revenue Management

PRM 120: Leisure and the Quality of Life
(SB)

PRM 304: Recreation Planning and Facility
Development (L)

PRM 315: Community Recreation Systems

PRM 335: Sports and Recreation for Youth
Development

PRM 350: Tourism Recreation and Sports
Marketing

PRM 364: Foundations of Recreation Therapy
(SB)

PRM 370: Public Lands Management

PRM 380: Wilderness and Parks in America
(SB & H)

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.














2020 - 2021 Major Map

Community Sports Management, BS

School/College: Watts College of Public Service & Community Solut

Location: Downtown Phoenix campus

PPCSMBS

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • ASU 101 is for ASU freshman students only and is not required for transfer students • Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups. • Secure experience to start your 200 career field exploration hours |
|  PRM 120: Leisure and the Quality of Life (SB) | 3 | C | |
| ASU 101-CPP: The ASU Experience | 1 | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Interdisciplinary Requirement | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Milestone: Meet with an academic advisor to discuss requirement of 200 career field exploration hours. | | | |
| Term hours subtotal: | 16 | | |
| Term 2 16 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  CRD 210: Community Services and Professions | 3 | C | <ul style="list-style-type: none"> • Build your professional connections --- join the ASU Mentor Network • Secure experience to start your 200 career field exploration hours |
|  ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |
| Term 3 32 - 47 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  CSM 201: Introduction to Community Sports | 3 | C | <ul style="list-style-type: none"> • Secure volunteer experience to start your 200 career field exploration hours • CSM 201 - offered in Fall semester only • Secure experience to continue your 200 career field exploration hours |
| CSM 203: Program Planning | 3 | C | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | | |
| Elective | 3 | | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 15 | | |
| Term 4 47 - 63 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  COM 225: Public Speaking (L) | 3 | C | <ul style="list-style-type: none"> • Students can choose courses from any of the four Interdisciplinary areas/track groups. To |
| CSM Elective | 3 | C | |

| | |
|---|----|
| Interdisciplinary Requirement | 3 |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 |
| Elective | 3 |
| Minimum 2.50 GPA ASU Cumulative. | |
| Term hours subtotal: | 16 |

meet the requirement, students must take two courses from at least two different groups.

- Secure **experience** to continue your 200 career field exploration hours

| Term 5 63 - 78 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ CRD 301: Sustainable Communities | 3 | C | <ul style="list-style-type: none"> Successful completion of CRD 301 or PRM 315 will satisfy the college Solution-Based Learning (SBL) Requirement. Develop your skills PRM 315 - offered in Fall semester only Secure experience to continue your 200 career field exploration hours |
| ★ PRM 315: Community Recreation Systems | 3 | C | |
| CSM 306: Advanced Programming and Facilitation | 3 | C | |
| CSM 350: Tourism, Recreation and Sports Marketing | 3 | C | |
| CSM Elective | 3 | C | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ CRD 302: Inclusive Community Development (SB & C) | 3 | C | <ul style="list-style-type: none"> Develop your professional online presence CSM 305 and CSM 401 - offered in Spring semester only Secure experience to continue your 200 career field exploration hours |
| ★ CSM 305: Sports Facility Operations and Management | 3 | C | |
| CSM 401: Managing Leisure Enterprises | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ CRD 403: Leadership and Professional Development | 3 | C | <ul style="list-style-type: none"> Successful completion of CSM 402 will satisfy the college Solution-Based Learning (SBL) Requirement Use Handshake to research employment/internship opportunities CSM 407 - offered in Fall semester only Secure experience to complete your 200 career field exploration hours |
| ★ CSM 402: Assessment and Evaluation of Community Services | 3 | C | |
| CSM 407: Ethics and Legal Issues in Sports | 3 | C | |
| Complete 2 courses: CSM Elective | 6 | C | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ CSM 463: Senior Internship | 12 | C | <ul style="list-style-type: none"> Successful completion of CSM 463 will satisfy the college Solution-Based Learning (SBL) Requirement |
| Term hours subtotal: | 12 | | |

- For the Interdisciplinary Requirement:
 - Students can choose courses from any of the four Interdisciplinary areas/track groups.

- To meet the requirement, students must take two courses from at least two different groups.

For the Solution-Based Learning (SBL) College Requirement:

- Students must complete one SBL course by degree completion.
- Successful completion of CRD 301 or PRM 315 will satisfy the SBL Requirement.

Hide Course List(s)/Track Group(s)

| Interdisciplinary Requirement-Area 1 | Interdisciplinary Requirement-Area 2 | Interdisciplinary Requirement-Area 3 |
|--|---|---|
| CRJ 100: Introduction to Criminal Justice (SB) | PAF 200: Public Service and Policy in the 21st Century | SWU 171: Introduction to Social Work (SB & H) |
| CRJ 201: Criminal Justice Crime Control Policies and Practices | PAF 201: Economics and Public Policy (SB) | SWU 180: Introduction to Lesbian Gay Bisexual and Transgender (LGBT) Studies (SB & C) |
| CRJ 203: Courts and Sentencing | PAF 240: Urban Policy (C) | |
| CRJ 204: Juvenile Justice | PAF 311: Leadership and Change (SB) | SWU 181: Economics: A Social Issues Perspective |
| CRJ 230: Introduction to Policing | PAF 410: Building Leadership Skills (SB) | SWU 182: Social Services Perspective of Government (SB) |
| CRJ 240: Introduction to Corrections | | SWU 183: Introductory Ethics: A Social Issues Perspectives (HU) |
| CRJ 260: Substantive Criminal Law | | SWU 250: Stress Management Tools I (SB) |
| CRJ 270: Community Justice (SB) | | SWU 349: Stress Management Tools II (SB) |
| CRJ 305: Gender Crime and Criminal Justice (C) | | SWU 456: Immigrants and Refugees (C) |
| CRJ 306: Race Ethnicity Crime and Criminal Justice (C) | | SWU 458: Behavioral Health Services |
| CRJ 309: Criminology (SB) | | SWU 459: Spirituality and the Helping Professions |
| CRJ 350: Law and Social Control (SB) | | SWU 460: Legal Issues in Social Work |
| | | SWU 461: Lesbian Gay Bisexual Transgender and Queer Issues (C) |
| Interdisciplinary Requirement-Area 4 | CSM Electives (12 credits - grade of 'C' required) | |
| CPP Elective | CSM 335: Sports and Recreation for Youth Development | |
| | CSM 453: Inclusive and Adaptive Sports and Recreation | |
| | CSM 483: Sports Tourism | |
| | CSM 485: Sports Events | |
| | NLM 160: Voluntary Action and Community Leadership (SB) | |
| | NLM 220: Introduction to Nonprofit Organizations | |
| | NLM 310: Volunteer Management | |
| | NLM 380: Financial Management for Nonprofit Organizations | |
| | NLM 410: Social Entrepreneurship | |

PAF 240: Urban Policy (C)

PAF 410: Building Leadership Skills (SB)

PRM 145: Special Events Management

PRM 364: Foundations of Recreation Therapy (SB)

PRM 455: Recreational Therapy with Children Youth and Families

PRM 475: Entrepreneurial Recreation and Tourism

PRM 488: Event Marketing and Promotion

SWU 180: Introduction to Lesbian Gay Bisexual and Transgender (LGBT) Studies (SB & C)

TDM 205: Introduction to Travel and Tourism (G)

TDM 458: International Tourism (G)

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.





2020 - 2021 Major Map




Community Sports Management (Events), BS




School/College: Watts College of Public Service & Community Solut



Location: Downtown Phoenix campus

PPCSMEBS

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • ASU 101 is for ASU freshman students only and is not required for transfer students • For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups. |
|  PRM 120: Leisure and the Quality of Life (SB) | 3 | C | |
| ASU 101-CPP: The ASU Experience | 1 | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Interdisciplinary Requirement | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Milestone: Meet with an academic advisor to discuss requirement of 200 career field exploration hours. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • Build your professional connections -- join the ASU Mentor Network |
| CSM 201: Introduction to Community Sports | 3 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 47 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  CRD 210: Community Services and Professions | 3 | C | <ul style="list-style-type: none"> • Secure volunteer experience to start your 200 career field exploration hours |
| CSM 203: Program Planning | 3 | C | |
| Interdisciplinary Requirement | 3 | | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) | 3 | | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 15 | | |

| Term 4 47 - 63 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  COM 225: Public Speaking (L) | 3 | C | <ul style="list-style-type: none"> • For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet |
| PRM 145: Special Events Management | 3 | C | |

Humanities, Arts and Design (HU) OR Social-Behavioral Sciences (SB) 3

Natural Science - Quantitative (SQ) OR Natural Science - General (SG) 4

Elective 3

Minimum 2.50 GPA ASU Cumulative.

Term hours subtotal: 16

the requirement, students must take two courses from at least two different groups.

| Term 5 63 - 78 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | | |
|------------------------------------|---|---|---|
| ★ CRD 301: Sustainable Communities | 3 | C | <ul style="list-style-type: none"> • Successful completion of CRD 301 or PRM 315 will satisfy the college Solution-Based Learning (SBL) Requirement. • Develop your skills |
|------------------------------------|---|---|---|

| | | |
|--|---|---|
| ★ CSM 305: Sports Facility Operations and Management | 3 | C |
|--|---|---|

| | | |
|---|---|---|
| ★ PRM 315: Community Recreation Systems | 3 | C |
|---|---|---|

| | | |
|---|---|---|
| CSM 350: Tourism, Recreation and Sports Marketing | 3 | C |
|---|---|---|

| | | |
|--|---|---|
| PRM 422: Entertainment, Protocol, and Programming for Special Events OR PRM 423: Special Event On-Site Operations OR PRM 427: Revenue Generation for Special Event Management OR PRM 487: Advanced Special Events Management OR PRM 488: Event Marketing and Promotion | 3 | C |
|--|---|---|

Term hours subtotal: 15

| Term 6 78 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | | |
|---|---|---|--|
| ★ CRD 302: Inclusive Community Development (SB & C) | 3 | C | <ul style="list-style-type: none"> • Develop your professional online presence |
|---|---|---|--|

| | | |
|--|---|---|
| CSM 407: Ethics and Legal Issues in Sports | 3 | C |
|--|---|---|

| | | |
|-------------------------|---|---|
| CSM 483: Sports Tourism | 3 | C |
|-------------------------|---|---|

| | | |
|------------------------|---|---|
| CSM 485: Sports Events | 3 | C |
|------------------------|---|---|

| | | |
|-------------------------------|---|---|
| NLM 310: Volunteer Management | 3 | C |
|-------------------------------|---|---|

| | | |
|--|--|--|
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | |
|--|--|--|

Term hours subtotal: 15

| Term 7 93 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | | |
|--|---|---|--|
| ★ CRD 403: Leadership and Professional Development | 3 | C | <ul style="list-style-type: none"> • Successful completion of CSM 402 will satisfy the college Solution-Based Learning (SBL) Requirement • Research employment and internship opportunities |
|--|---|---|--|

| | | |
|--|---|---|
| ★ CSM 402: Assessment and Evaluation of Community Services | 3 | C |
|--|---|---|

| | | |
|---------------------------------------|---|---|
| CSM 401: Managing Leisure Enterprises | 3 | C |
|---------------------------------------|---|---|

| | | |
|--|---|---|
| PRM 422: Entertainment, Protocol, and Programming for Special Events OR PRM 423: Special Event On-Site Operations OR PRM 427: Revenue Generation for Special Event Management OR PRM 487: Advanced Special Events Management OR PRM 488: Event Marketing and Promotion | 3 | C |
|--|---|---|

| | | |
|--|---|---|
| Upper Division Literacy and Critical Inquiry (L) | 3 | C |
|--|---|---|

Term hours subtotal: 15

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | | |
|------------------------------|----|---|---|
| ★ CSM 463: Senior Internship | 12 | C | <ul style="list-style-type: none"> • Successful completion of CSM 463 will satisfy the college Solution-Based Learning (SBL) Requirement |
|------------------------------|----|---|---|

Term hours subtotal: 12

- For the Interdisciplinary Requirement:
 - Students can choose courses from any of the four Interdisciplinary areas/track groups.
 - To meet the requirement, students must take two courses from at least two different groups

For the Solution-Based Learning (SBL) College Requirement:

- Students must complete one SBL course by degree completion.
- Successful completion of CRD 301, PRM 315, CSM 463, or CSM 402 will satisfy the SBL Requirement.

Hide Course List(s)/Track Group(s)

| Interdisciplinary Requirement-Area 1 | Interdisciplinary Requirement-Area 2 | Interdisciplinary Requirement-Area 3 |
|--|--|---|
| CRJ 100: Introduction to Criminal Justice (SB) | PAF 200: Public Service and Policy in the 21st Century | SWU 171: Introduction to Social Work (SB & H) |
| CRJ 201: Criminal Justice Crime Control Policies and Practices | PAF 201: Economics and Public Policy (SB) | SWU 180: Introduction to Lesbian Gay Bisexual and Transgender (LGBT) Studies (SB & C) |
| CRJ 203: Courts and Sentencing | PAF 240: Urban Policy (C) | SWU 181: Economics: A Social Issues Perspective |
| CRJ 204: Juvenile Justice | PAF 311: Leadership and Change (SB) | SWU 182: Social Services Perspective of Government (SB) |
| CRJ 230: Introduction to Policing | PAF 410: Building Leadership Skills (SB) | SWU 183: Introductory Ethics: A Social Issues Perspectives (HU) |
| CRJ 240: Introduction to Corrections | | SWU 250: Stress Management Tools I (SB) |
| CRJ 260: Substantive Criminal Law | | SWU 349: Stress Management Tools II (SB) |
| CRJ 270: Community Justice (SB) | | SWU 456: Immigrants and Refugees (C) |
| CRJ 305: Gender Crime and Criminal Justice (C) | | SWU 458: Behavioral Health Services |
| CRJ 306: Race Ethnicity Crime and Criminal Justice (C) | | SWU 459: Spirituality and the Helping Professions |
| CRJ 309: Criminology (SB) | | SWU 460: Legal Issues in Social Work |
| CRJ 350: Law and Social Control (SB) | | SWU 461: Lesbian Gay Bisexual Transgender and Queer Issues (C) |
| Interdisciplinary Requirement-Area 4 | | |
| CPP Elective | | |

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)

- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition



General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map




Criminology and Criminal Justice, BS



School/College: Watts College of Public Service & Community Solut

Location: Downtown Phoenix campus, West campus, ASU@Lake Havasu, ASU@Tucson, ASU@Yuma
PPCRIMJBS

| Term 1 0 - 17 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  CRJ 100: Introduction to Criminal Justice (SB) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • ASU 101 is for ASU freshman students only and is not required for transfer students • Select your career interest area and play me3@ASU |
| ASU 101-CPP: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Milestone: Meet with an academic advisor | | | |
| Term hours subtotal: | 17 | | |

| Term 2 17 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  CRJ 201: Criminal Justice Crime Control Policies and Practices | 3 | C | <ul style="list-style-type: none"> • For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups. • Secure a part-time job or volunteer experience • Explore study abroad options |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| MAT 117: College Algebra (MA) OR MAT 142: College Mathematics (MA) | 3 | C | |
| Interdisciplinary Requirement | 3 | | |
| Elective | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 3 32 - 48 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| <i>Complete 2 courses:</i> | | | |
|  CRJ 203: Courts and Sentencing OR CRJ 230: Introduction to Policing OR CRJ 240: Introduction to Corrections | 6 | C | <ul style="list-style-type: none"> • For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups. • Create a first draft resume • Explore study abroad options |
| Interdisciplinary Requirement | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 48 - 63 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  CRJ 203: Courts and Sentencing OR CRJ 230: Introduction to Policing OR CRJ 240: Introduction to Corrections | 3 | C | |
| Solution-Based Learning (SBL) Requirement | 3 | | |

| | |
|---|----|
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 |
| Literacy and Critical Inquiry (L) | 3 |
| Elective | 3 |
| Term hours subtotal: | 15 |

- The Solution-Based Learning (SBL) is a college requirement for degree completion. Students should select a course from the list below for a total of 3 credits.
- Upper-division course electives may fulfill the college Solution-Based Learning (SBL) requirement. Please see your advisor for more information.
- Develop your **professional online presence**
- Explore **study abroad options**
- Explore an **internship**

| Term 5 63 - 78 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ CRJ 302: Research Methods (L) | 3 | C | <ul style="list-style-type: none"> • Explore study abroad options • Explore an internship |
| CRJ 2** Elective | 3 | C | |
| Upper Division Related Area Course | 3 | C | |
| Complete 2 courses: Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ CRJ 303: Statistical Analysis (CS) | 3 | C | <ul style="list-style-type: none"> • Explore study abroad options • Explore an internship |
| CRJ 309: Criminology (SB) | 3 | C | |
| Upper Division Related Area Course | 3 | C | |
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ CRJ 305: Gender, Crime, and Criminal Justice (C) OR CRJ 306: Race, Ethnicity, Crime, and Criminal Justice (C) | 3 | C | <ul style="list-style-type: none"> • Research employment opportunities • Complete an in person or virtual practice interview • Explore an internship |
| CRJ 4** Elective | 3 | C | |
| Complete 2 courses: CRJ 3** Elective OR CRJ 4** Elective | 6 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ Complete 3 courses: CRJ 4** Elective | 9 | C | <ul style="list-style-type: none"> • Gather professional references • Apply for full-time career opportunities |
| Upper Division Related Area Course | 3 | C | |
| Term hours subtotal: | 12 | | |

- For the Interdisciplinary Requirement:

- Students can choose courses from any of the four Interdisciplinary areas/track groups.
- To meet the requirement, students must take two courses from at least two different groups.

For the Solution-Based Learning (SBL) Requirement:

- Students must complete SBL coursework for a total of 3 credits by degree completion.

Hide Course List(s)/Track Group(s)

| Interdisciplinary Requirement - Area 1 | Interdisciplinary Requirement - Area 2 | Interdisciplinary Requirement - Area 3 |
|---|--|---|
| CSM 201: Introduction to Community Sports | PAF 200: Public Service and Policy in the 21st Century | SWU 171: Introduction to Social Work (SB & H) |
| NLM 160: Voluntary Action and Community Leadership (SB) | PAF 201: Economics and Public Policy (SB) | SWU 180: Introduction to Lesbian Gay Bisexual and Transgender (LGBT) Studies (SB & C) |
| NLM 220: Introduction to Nonprofit Organizations | PAF 240: Urban Policy (C) | SWU 181: Economics: A Social Issues Perspective |
| PRM 120: Leisure and the Quality of Life (SB) | PAF 311: Leadership and Change (SB) | SWU 182: Social Services Perspective of Government (SB) |
| PRM 364: Foundations of Recreation Therapy (SB) | PAF 410: Building Leadership Skills (SB) | SWU 183: Introductory Ethics: A Social Issues Perspectives (HU) |
| PRM 380: Wilderness and Parks in America (SB & H) | | SWU 250: Stress Management Tools I (SB) |
| TDM 205: Introduction to Travel and Tourism (G) | | SWU 349: Stress Management Tools II (SB) |
| TDM 458: International Tourism (G) | | SWU 456: Immigrants and Refugees (C) |
| | | SWU 458: Behavioral Health Services |
| | | SWU 459: Spirituality and the Helping Professions |
| | | SWU 460: Legal Issues in Social Work |
| | | SWU 461: Lesbian Gay Bisexual Transgender and Queer Issues (C) |
| Interdisciplinary Requirement-Area 4 | Solution-Based Learning (SBL) Requirement | Related Area Courses |
| CPP Elective | CPP 350: Community Works | AIS 360: Issues in Urban Indian Country (C) |
| | CPP 353: Community Impact Lab | AIS 380: Contemporary Issues of American Indian Nations (C) |
| | CRD 301: Sustainable Communities | ASB 305: Poverty and Global Health ((L or SB) & G) |
| | CRD 435: Service Learning for Community Development | COM 312: Communication Conflict and Negotiation |
| | CRJ 317: Inside-Out Prison Exchange Program | COM 314: Inner-City Families: The Cycle of Poverty |
| | CRJ 394: Comparative Organized Crime | COM 319: Persuasion and Social Influence (SB) |
| | CRJ 394: The British Roots of U.S. Criminal Justice | COM 325: Advanced Public Speaking (L) |
| | CRJ 455: Police and International Terrorism | COM 326: Court Room Oratory |
| | CRJ 456: Etiology of Martyrdom | COM 414: Crisis Communication |
| | CRJ 484: Internship | COM 421: Rhetoric of Social Issues (HU) |
| | CRJ 492: Honors Directed Study | |

| | |
|---|--|
| CRJ 493: Honors Thesis (L) | CPP 350: Community Works |
| CRJ 496: Directed Research | CPP 353: Community Impact Lab |
| CRJ 499: Individualized Instruction | CRD 302: Inclusive Community Development (SB & C) |
| NLM 160: Voluntary Action and Community Leadership (SB) | ENG 301: Writing for the Professions (L) |
| NLM 435: Service Learning for Community Development | ENG 302: Business Writing (L) |
| PRM 145: Special Events Management | ENG 311: Persuasive Writing (L) |
| PRM 203: Program Planning | HST 322: Constitutional History of the United States Since 1865 (H) |
| PRM 315: Community Recreation Systems | HST 325: Immigration and Ethnicity in the United States (SB & H & C) |
| PRM 370: Public Lands Management | HST 327: Women in U.S. History 1600 to 1880 ((HU or SB) & C & H) |
| SWU 291: Social Service Delivery Systems | HST 328: Women in U.S. History 1880-1980 ((HU or SB) & C & H) |
| SWU 394: Ending Homelessness | HST 334: African American History Since 1865 ((HU or SB) & C & H) |
| TDM 345: Meeting and Convention Planning | HST 338: American Indian History since 1900 ((HU or SB) & C & H) |
| | HST 454: History of Genocide (G & H) |
| | IAS 300: Career Strategies and Personal Resilience (L or SB) |
| | JUS 329: Domestic Violence (SB) |
| | JUS 350: Immigration and Justice (SB & C) |
| | JUS 370: Cultural Diversity and Justice ((L or HU) & C) |
| | JUS 374: The Holocaust Genocide and Human Rights |
| | JUS 410: Punishment: Logic and Approach |
| | JUS 432: Racial Justice (L) |
| | JUS 465: Death Penalty in the United States (L) |
| | JUS 467: Terrorism War and Justice (SB) |
| | JUS 477: Youth and Justice (L or SB) |
| | LAW 310: The Global Legal Community |
| | PAF 300: Public Management and Administration |
| | PAF 305: Urban Governance |
| | PAF 311: Leadership and Change (SB) |
| | PAF 340: Contemporary Policy Challenges |

PAF 351: Urban and Metropolitan Studies

PAF 410: Building Leadership Skills (SB)

PAF 460: Public Service Ethics

PAF 469: Terrorism Defense

PHI 306: Applied Ethics (HU)

PHI 307: Philosophy of Law (HU)

PHI 336: Social and Political Philosophy (HU)

PHI 360: Business and Professional Ethics (HU)

PHI 406: Moral Dilemmas (L or HU)

POS 310: American National Government (SB)

POS 325: Public Policy Development (SB)

POS 346: Problems of Democracy (HU)

POS 364: National Security Intelligence and Terrorism (SB)

POS 370: Law and Society (SB)

POS 442: American Political Thought (HU)

POS 467: International Security (SB & G)

POS 470: Law and the Political Order (SB)

POS 471: Constitutional Law I (SB)

POS 472: Constitutional Law II (SB)

POS 480: Global Justice (G)

PSY 350: Social Psychology (SB)

PSY 366: Abnormal Psychology (SB)

PSY 368: Forensic Psychology

PSY 443: Abnormal Child Psychology (L or SB)

PUP 301: Introduction to Urban Planning (L)

REL 379: Religion Nationalism and Ethnic Conflict (HU & G)

REL 381: Religion and Moral Issues (L or HU)

SGS 320: Mechanisms of Global Governance

SGS 340: Violence Conflict and Human Rights

SGS 343: Religion Nationalism and Ethnic Conflict (HU & G)

SOC 312: Adolescence (SB)

SOC 332: The Modern City (G)

SOC 340: The Sociology of Deviance (SB)

SOC 352: Social Change (SB & G & H)

SOC 360: Sociological Psychology (SB)

SOC 363: Men and Masculinity (SB)

SOC 426: Social Inequality (SB)

STS 364: Science Technology and National Security (SB)

SWU 454: Overview of Addictions

SWU 456: Immigrants and Refugees (C)

SWU 457: Southwest Borderland Immigration Issues (C)

SWU 460: Legal Issues in Social Work

SWU 498: Sex Trafficking Research Practicum (L)

TCL 314: Transborder Latin American Migration to the U.S. ((L or SB) & H & C)

TCL 332: Mexican American History Since 1900 (SB & H & C)

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.

2020 - 2021 Major Map

Criminology and Criminal Justice, BS



School/College: [Watts College of Public Service & Community Solut](#)

Location: [Online](#)

PPCRIMJBS




FT Fast Track Options: 3 Year


A student must speak with an advisor in order to be added to a fast track plan.

| Term 1 - A 0 - 7 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  CRJ 100: Introduction to Criminal Justice (SB) | 3 | C | <ul style="list-style-type: none"> An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition Mathematics Placement Assessment score determines placement in mathematics course ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students |
| ASU 101-CPP: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| Term hours subtotal: | 7 | | |

| Term 1 - B 7 - 14 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ENG 101 or ENG 102: First-Year Composition OR | | | <ul style="list-style-type: none"> View ASU Online first-year registration information here. Select your career interest area and play me3@ASU |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 2 - A 14 - 20 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| MAT 117: College Algebra (MA) OR MAT 142: College Mathematics (MA) | 3 | C | <ul style="list-style-type: none"> Secure a part-time job or volunteer experience Explore study abroad options |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 2 - B 20 - 27 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  CRJ 201: Criminal Justice Crime Control Policies and Practices | 3 | C | <ul style="list-style-type: none"> Explore study abroad options |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 7 | | |

| Term 3 - A 27 - 33 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  CRJ 203: Courts and Sentencing OR CRJ 230: Introduction to Policing OR CRJ 240: Introduction to Corrections | 3 | C | <ul style="list-style-type: none"> Create a first draft resume Explore study abroad options |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 3 - B 33 - 39 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | | |
|--|---|---|--------------------------------|
| ❗ CRJ 203: Courts and Sentencing OR CRJ 230: Introduction to Policing OR CRJ 240: Introduction to Corrections | 3 | C | • Explore study abroad options |
| Elective | 3 | | |
| ❗ Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | | 6 | |

| Term 4 - A 39 - 45 Credit Hours Critical course signified by ❗ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ❗ CRJ 203: Courts and Sentencing OR CRJ 230: Introduction to Policing OR CRJ 240: Introduction to Corrections | 3 | C | • Explore study abroad options • Explore an internship |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Term hours subtotal: | | 6 | |

| Term 4 - B 45 - 51 Credit Hours | Hours | Minimum Grade | Notes |
|-----------------------------------|-------|---------------|---|
| Interdisciplinary Requirement | 3 | | • For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups. • Develop your professional online presence • Explore study abroad options • Explore an internship |
| Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | | 6 | |

| Term 5 - A 51 - 57 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ CRJ 302: Research Methods (L) | 3 | C | • Explore study abroad options • Explore an internship |
| CRJ 2** Elective | 3 | C | |
| Term hours subtotal: | | 6 | |

| Term 5 - B 57 - 63 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ CRJ 303: Statistical Analysis (CS) | 3 | C | • For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups. • Explore study abroad options • Explore an internship |
| Interdisciplinary Requirement | 3 | | |
| Term hours subtotal: | | 6 | |

| Term 6 - A 63 - 69 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ CRJ 305: Gender, Crime, and Criminal Justice (C) OR CRJ 306: Race, Ethnicity, Crime, and Criminal Justice (C) | 3 | C | • Explore study abroad options • Explore an internship |
| Elective | 3 | | |
| Term hours subtotal: | | 6 | |

| Term 6 - B 69 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| Upper Division Related Area Course | 3 | C | • The Solution-Based Learning (SBL) is a college requirement for degree completion. Students should select a course from the list below for a total of 3 credits. |
| Solution-Based Learning (SBL) Requirement | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |

Term hours subtotal: 6

- Upper-division course electives may fulfill the college Solution-Based Learning (SBL) requirement. Please see your advisor for more information.
- Explore [study abroad options](#)
- Explore an [internship](#)

| Term 7 - A 75 - 81 Credit Hours | Hours | Minimum Grade | Notes |
|---------------------------------|-------|---------------|-------|
|---------------------------------|-------|---------------|-------|

| | | | |
|---------------------------|---|---|--|
| CRJ 309: Criminology (SB) | 3 | C | |
|---------------------------|---|---|--|

| | | | |
|------------------------------------|---|---|--|
| Upper Division Related Area Course | 3 | C | |
|------------------------------------|---|---|--|

| | | | |
|----------------------|---|--|--|
| Term hours subtotal: | 6 | | |
|----------------------|---|--|--|

- Explore [study abroad options](#)
- Explore an [internship](#)

| Term 7 - B 81 - 87 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | | |
|--|---|---|--|
| ★ CRJ 3** Elective OR CRJ 4** Elective | 3 | C | |
|--|---|---|--|

| | | | |
|------------------------------------|---|---|--|
| Upper Division Related Area Course | 3 | C | |
|------------------------------------|---|---|--|

| | | | |
|----------------------|---|--|--|
| Term hours subtotal: | 6 | | |
|----------------------|---|--|--|

- Explore [study abroad options](#)
- Explore an [internship](#)

| Term 8 - A 87 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | | |
|--|---|---|--|
| ★ CRJ 3** Elective OR CRJ 4** Elective | 3 | C | |
|--|---|---|--|

| | | | |
|----------|---|--|--|
| Elective | 3 | | |
|----------|---|--|--|

| | | | |
|----------------------|---|--|--|
| Term hours subtotal: | 6 | | |
|----------------------|---|--|--|

- Explore [study abroad options](#)
- Explore an [internship](#)

| Term 8 - B 93 - 99 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | | |
|--------------------|---|---|--|
| ★ CRJ 4** Elective | 3 | C | |
|--------------------|---|---|--|

| | | | |
|----------|---|--|--|
| Elective | 3 | | |
|----------|---|--|--|

| | | | |
|----------------------|---|--|--|
| Term hours subtotal: | 6 | | |
|----------------------|---|--|--|

- Use Handshake to research [employment opportunities](#)
- Explore [study abroad options](#)
- Explore an [internship](#)

| Term 9 - A 99 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | | |
|--------------------|---|---|--|
| ★ CRJ 4** Elective | 3 | C | |
|--------------------|---|---|--|

| | | | |
|----------|---|--|--|
| Elective | 3 | | |
|----------|---|--|--|

| | | | |
|----------------------|---|--|--|
| Term hours subtotal: | 6 | | |
|----------------------|---|--|--|

- Complete an in person or virtual [practice interview](#)
- Explore an [internship](#)

| Term 9 - B 105 - 111 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | | |
|--------------------|---|---|--|
| ★ CRJ 4** Elective | 3 | C | |
|--------------------|---|---|--|

| | | | |
|-------------------------|---|--|--|
| Upper Division Elective | 3 | | |
|-------------------------|---|--|--|

| | | | |
|----------------------|---|--|--|
| Term hours subtotal: | 6 | | |
|----------------------|---|--|--|

- Explore an [internship](#)

| Term 10 - A 111 - 117 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | | |
|--------------------|---|---|--|
| ★ CRJ 4** Elective | 3 | C | |
|--------------------|---|---|--|

| | | | |
|----------|---|--|--|
| Elective | 3 | | |
|----------|---|--|--|

| | | | |
|----------------------|---|--|--|
| Term hours subtotal: | 6 | | |
|----------------------|---|--|--|

- Gather [professional references](#)

| Term 10 - B 117 - 120 Credit Hours | Hours | Minimum Grade | Notes |
|------------------------------------|-------|---------------|-------|
|------------------------------------|-------|---------------|-------|

Upper Division Elective

3

• Apply for full-time career opportunities

Term hours subtotal: 3

- For the Interdisciplinary Requirement:
 - Students can choose courses from any of the four Interdisciplinary areas/track groups.
 - To meet the requirement, students must take two courses from at least two different groups.
- For the Solution-Based Learning (SBL) College Requirement:
 - Students must complete SBL coursework for a total of 3 credits by degree completion.

Hide Course List(s)/Track Group(s)

| Interdisciplinary Requirement - Area 1 | Interdisciplinary Requirement - Area 2 | Interdisciplinary Requirement - Area 3 |
|---|---|--|
| CSM 201: Introduction to Community Sports | SWU 171: Introduction to Social Work (SB & H) | PAF 200: Public Service and Policy in the 21st Century |
| PRM 120: Leisure and the Quality of Life (SB) | SWU 180: Introduction to Lesbian Gay Bisexual and Transgender (LGBT) Studies (SB & C) | PAF 201: Economics and Public Policy (SB) |
| PRM 364: Foundations of Recreation Therapy (SB) | SWU 181: Economics: A Social Issues Perspective | PAF 311: Leadership and Change (SB) |
| PRM 380: Wilderness and Parks in America (SB & H) | SWU 182: Social Services Perspective of Government (SB) | PAF 410: Building Leadership Skills (SB) |
| TDM 205: Introduction to Travel and Tourism (G) | SWU 183: Introductory Ethics: A Social Issues Perspectives (HU) | |
| TDM 458: International Tourism (G) | SWU 250: Stress Management Tools I (SB) | |
| | SWU 349: Stress Management Tools II (SB) | |
| | SWU 456: Immigrants and Refugees (C) | |
| | SWU 458: Behavioral Health Services | |
| | SWU 460: Legal Issues in Social Work | |
| | SWU 461: Lesbian Gay Bisexual Transgender and Queer Issues (C) | |
| Interdisciplinary Requirement-Area 4 | Solution-Based Learning (SBL) Requirement | Related Area Courses |
| CPP Elective | CPP 350: Community Works | ASB 305: Poverty and Global Health ((L or SB) & G) |
| | CPP 353: Community Impact Lab | COM 312: Communication Conflict and Negotiation |
| | CRD 435: Service Learning for Community Development | COM 319: Persuasion and Social Influence (SB) |
| | CRJ 394: Comparative Organized Crime | COM 414: Crisis Communication |
| | CRJ 394: The British Roots of U.S. Criminal Justice | CPP 350: Community Works |
| | CRJ 455: Police and International Terrorism | CPP 353: Community Impact Lab |
| | CRJ 456: Etiology of Martyrdom | CRD 302: Inclusive Community Development (SB & C) |
| | CRJ 484: Internship | |

| | |
|---|--|
| CRJ 499: Individualized Instruction | ENG 301: Writing for the Professions (L) |
| NLM 435: Service Learning for Community Development | ENG 302: Business Writing (L) |
| PRM 145: Special Events Management | ENG 311: Persuasive Writing (L) |
| PRM 203: Program Planning | HST 325: Immigration and Ethnicity in the United States (SB & H & C) |
| SWU 291: Social Service Delivery Systems | HST 327: Women in U.S. History 1600 to 1880 ((HU or SB) & C & H) |
| SWU 394: Ending Homelessness | HST 328: Women in U.S. History 1880-1980 ((HU or SB) & C & H) |
| TDM 345: Meeting and Convention Planning | HST 338: American Indian History since 1900 ((HU or SB) & C & H) |
| | HST 454: History of Genocide (G & H) |
| | IAS 300: Career Strategies and Personal Resilience (L or SB) |
| | JUS 329: Domestic Violence (SB) |
| | JUS 350: Immigration and Justice (SB & C) |
| | JUS 374: The Holocaust Genocide and Human Rights |
| | JUS 432: Racial Justice (L) |
| | JUS 477: Youth and Justice (L or SB) |
| | PAF 300: Public Management and Administration |
| | PAF 311: Leadership and Change (SB) |
| | PAF 340: Contemporary Policy Challenges |
| | PAF 410: Building Leadership Skills (SB) |
| | PAF 460: Public Service Ethics |
| | PAF 469: Terrorism Defense |
| | PHI 306: Applied Ethics (HU) |
| | PHI 307: Philosophy of Law (HU) |
| | PHI 336: Social and Political Philosophy (HU) |
| | POS 346: Problems of Democracy (HU) |
| | PHI 360: Business and Professional Ethics (HU) |
| | POS 310: American National Government (SB) |
| | POS 325: Public Policy Development (SB) |
| | POS 364: National Security Intelligence and Terrorism (SB) |
| | POS 370: Law and Society (SB) |
| | POS 442: American Political Thought (HU) |

POS 467: International Security (SB & G)

POS 471: Constitutional Law I (SB)

POS 472: Constitutional Law II (SB)

PSY 350: Social Psychology (SB)

PSY 366: Abnormal Psychology (SB)

PSY 368: Forensic Psychology

PUP 301: Introduction to Urban Planning (L)

SGS 340: Violence Conflict and Human Rights

SOC 312: Adolescence (SB)

SOC 332: The Modern City (G)

SOC 340: The Sociology of Deviance (SB)

SOC 352: Social Change (SB & G & H)

STS 364: Science Technology and National Security (SB)

SWU 454: Overview of Addictions

SWU 456: Immigrants and Refugees (C)

SWU 457: Southwest Borderland Immigration Issues (C)

SWU 460: Legal Issues in Social Work

SWU 498: Sex Trafficking Research Practicum (L)

TCL 314: Transborder Latin American Migration to the U.S. ((L or SB) & H & C)

TCL 332: Mexican American History Since 1900 (SB & H & C)

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.










2020 - 2021 Major Map



Nonprofit Leadership and Management, BS




School/College: Watts College of Public Service & Community Solut

Location: Downtown Phoenix campus


PPNLMBS



| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes | |
|--|-------|---------------|--|-------|
|  NLM 160: Voluntary Action and Community Leadership (SB) | 3 | C | <ul style="list-style-type: none"> • Successful completion of NLM 160 will satisfy the college Solution-Based Learning (SBL) Requirement • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 is for ASU first-year students only and is not required for transfer students • For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups. • Secure experience to start your 200 career field exploration hours | |
|  SOC 101: Introductory Sociology (SB) | 3 | C | | |
| ASU 101-CPP: The ASU Experience | 1 | | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | | |
| MAT 142: College Mathematics (MA) | 3 | C | | |
| Interdisciplinary Requirement | 3 | | | |
| Milestone: Meet with an academic advisor to discuss requirement of 200 career field exploration hours. | | | | |
| Term hours subtotal: | 16 | | | |
| <hr/> | | | | |
| Term 2 16 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | | Notes |
|  CRD 210: Community Services and Professions | 3 | C | <ul style="list-style-type: none"> • Secure experience to start your 200 career field exploration hours • Activate your Handshake account and build out your profile. | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | | |
| Natural Science - Quantitative (SQ) | 4 | | | |
| Elective | 3 | | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | | |
| Term hours subtotal: | 16 | | | |
| <hr/> | | | | |
| Term 3 32 - 48 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes | |
|  NLM 220: Introduction to Nonprofit Organizations | 3 | C | <ul style="list-style-type: none"> • Build your professional connections --- join the ASU Mentor Network • Secure experience to continue your 200 career field exploration hours | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | | |
| Elective | 3 | | | |
|  Complete Mathematics (MA) requirement. Minimum 2.50 GPA ASU Cumulative. | | | | |
| Term hours subtotal: | 16 | | | |
| <hr/> | | | | |
| | | Minimum | | |

| Term 4 48 - 63 Credit Hours Critical course signified by  | Hours | Grade | Notes |
|---|-------|-------|---|
|  COM 225: Public Speaking (L) | 3 | C | <ul style="list-style-type: none"> • For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups. • Secure experience to continue your 200 career field exploration hours |
| Interdisciplinary Requirement | 3 | | |
| NLM Elective | 3 | C | |
| Complete 2 courses: | 6 | | |
| Elective | | | |
| Term hours subtotal: | 15 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  CRD 301: Sustainable Communities | 3 | C | <ul style="list-style-type: none"> • Successful completion of CRD 301 will satisfy the college Solution-Based Learning (SBL) Requirement • Develop your skills • Secure experience to continue your 200 career field exploration hours |
|  NLM 300: Fund Raising and Resource Development | 3 | C | |
| CRD 302: Inclusive Community Development (SB & C) | 3 | C | |
| NLM 310: Volunteer Management | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  NLM 380: Financial Management for Nonprofit Organizations | 3 | C | <ul style="list-style-type: none"> • Develop your professional online presence • Secure experience to continue your 200 career field exploration hours |
| NLM 410: Social Entrepreneurship | 3 | C | |
| Complete 2 courses: | 6 | C | |
| NLM Elective | | | |
| Upper Division Elective | 3 | | |
|  Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  NLM 402: Assessment and Evaluation of Community Services | 3 | C | <ul style="list-style-type: none"> • Successful completion of NLM 402 will satisfy the college Solution-Based Learning (SBL) Requirement • Use Handshake to research employment/internship opportunities • Secure experience to complete your 200 career field exploration hours |
|  NLM 430: Managing Nonprofit Organizations (L) | 3 | C | |
| CRD 403: Leadership and Professional Development | 3 | C | |
| NLM Elective | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  NLM 463: Senior Internship | 12 | C | <ul style="list-style-type: none"> • Successful completion of NLM 463 will satisfy the college Solution-Based Learning (SBL) Requirement |
| Term hours subtotal: | 12 | | |

- For the Interdisciplinary Requirement:
 - Students can choose courses from any of the four Interdisciplinary areas/track groups.
 - To meet the requirement, students must take two courses from at least two different groups.

For the Solution-Based Learning (SBL) College Requirement:

- Students must complete one SBL course by degree completion.
- Successful completion of NLM 160, CRD 301, NLM 402, or NLM 463 will satisfy the SBL Requirement.

Hide Course List(s)/Track Group(s)

| Interdisciplinary Requirement-Area 1 | Interdisciplinary Requirement-Area 2 | Interdisciplinary Requirement-Area 3 |
|--|---|---|
| CRJ 100: Introduction to Criminal Justice (SB) | PAF 200: Public Service and Policy in the 21st Century | SWU 171: Introduction to Social Work (SB & H) |
| CRJ 203: Courts and Sentencing | PAF 201: Economics and Public Policy (SB) | SWU 180: Introduction to Lesbian Gay Bisexual and Transgender (LGBT) Studies (SB & C) |
| CRJ 204: Juvenile Justice | PAF 240: Urban Policy (C) | SWU 181: Economics: A Social Issues Perspective |
| CRJ 260: Substantive Criminal Law | PAF 311: Leadership and Change (SB) | SWU 182: Social Services Perspective of Government (SB) |
| CRJ 270: Community Justice (SB) | PAF 410: Building Leadership Skills (SB) | SWU 183: Introductory Ethics: A Social Issues Perspectives (HU) |
| CRJ 201: Criminal Justice Crime Control Policies and Practices | | SWU 250: Stress Management Tools I (SB) |
| CRJ 230: Introduction to Policing | | SWU 349: Stress Management Tools II (SB) |
| CRJ 240: Introduction to Corrections | | SWU 456: Immigrants and Refugees (C) |
| CRJ 305: Gender Crime and Criminal Justice (C) | | SWU 458: Behavioral Health Services |
| CRJ 306: Race Ethnicity Crime and Criminal Justice (C) | | SWU 459: Spirituality and the Helping Professions |
| CRJ 309: Criminology (SB) | | SWU 460: Legal Issues in Social Work |
| CRJ 350: Law and Social Control (SB) | | SWU 461: Lesbian Gay Bisexual Transgender and Queer Issues (C) |
| Interdisciplinary Requirement-Area 4 | NLM Elective (choose 12 credits) | |
| CPP Elective | ACC 382: Accounting and Financial Analysis | |
| | COM 259: Communication in Business and the Professions | |
| | COM 263: Elements of Intercultural Communication (SB & C & G) | |
| | CSM 485: Sports Events | |
| | MGT 380: Management and Strategy for Nonmajors | |
| | NLM 320: Professional Development Seminar | |
| | NLM 420: Nonprofit Leadership Alliance Institute | |
| | NLM 435: Service Learning for Community Development | |
| | PAF 410: Building Leadership Skills (SB) | |
| | NLM 203: Program Planning | |

PRM 145: Special Events Management

PRM 304: Recreation Planning and Facility
Development (L)

PRM 364: Foundations of Recreation Therapy
(SB)

SOC 241: Modern Social Problems (SB)

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.










2020 - 2021 Major Map



Nonprofit Leadership and Management (American Indian Studies), BS



School/College: [Watts College of Public Service & Community Solut](#)

Location: [Downtown Phoenix campus](#)



PPNLMAIBS



| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes | |
|---|-------|---------------|--|-------|
|  AIS 180: Introduction to American Indian Studies (C) | 3 | C | <ul style="list-style-type: none"> • Successful completion of NLM 160 will satisfy the college Solution-Based Learning (SBL) Requirement • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • ASU 101 is for ASU freshman students only and is not required for transfer students • Secure experience to start your 200 career field exploration hours | |
|  NLM 160: Voluntary Action and Community Leadership (SB) | 3 | C | | |
| ASU 101-CPP: The ASU Experience | 1 | | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | | |
| MAT 142: College Mathematics (MA) | 3 | C | | |
| Elective | 3 | | | |
| Milestone: Meet with an academic advisor to discuss requirement of 200 career field exploration hours. | | | | |
| Term hours subtotal: | 16 | | | |
| <hr/> | | | | |
| Term 2 16 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | | Notes |
|  CRD 210: Community Services and Professions | 3 | C | <ul style="list-style-type: none"> • Secure experience to start your 200 career field exploration hours | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | | |
| SOC 101: Introductory Sociology (SB) | 3 | C | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | | |
| Natural Science - Quantitative (SQ) | 4 | | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | | |
| Term hours subtotal: | 16 | | | |
| <hr/> | | | | |
| Term 3 32 - 48 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes | |
|  NLM 220: Introduction to Nonprofit Organizations | 3 | C | <ul style="list-style-type: none"> • For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups. • Build your professional connections --- join the ASU Mentor Network • Secure experience to continue your 200 career field exploration hours | |
| Interdisciplinary Requirement | 3 | | | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | | |
| Elective | 3 | | | |
|  Complete Mathematics (MA) requirement. | | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | | |
| Term hours subtotal: | 16 | | | |
| <hr/> | | | | |
| | | Minimum | | |

| Term 4 48 - 63 Credit Hours Critical course signified by  | Hours | Grade | Notes |
|---|-------|-------|---|
|  COM 225: Public Speaking (L) | 3 | C | <ul style="list-style-type: none"> For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups. Secure experience to continue your 200 career field exploration hours |
| AIS 285: Federal Indian Policy (H & C) | 3 | C | |
| Interdisciplinary Requirement | 3 | | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 5 63 - 78 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  NLM 300: Fund Raising and Resource Development | 3 | C | <ul style="list-style-type: none"> Successful completion of CRD 301 will satisfy the college Solution-Based Learning (SBL) Requirement Develop your skills Secure experience to continue your 200 career field exploration hours |
| AIS 360: Issues in Urban Indian Country (C) | 3 | C | |
| CRD 301: Sustainable Communities | 3 | C | |
| CRD 302: Inclusive Community Development (SB & C) | 3 | C | |
| NLM 310: Volunteer Management | 3 | C | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  NLM 380: Financial Management for Nonprofit Organizations | 3 | C | <ul style="list-style-type: none"> Develop your professional online presence Secure experience to continue your 200 career field exploration hours |
| AIS 380: Contemporary Issues of American Indian Nations (C) | 3 | C | |
| NLM 410: Social Entrepreneurship | 3 | C | |
| NLM Elective | 3 | C | |
| Elective | 3 | | |
|  Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  NLM 430: Managing Nonprofit Organizations (L) | 3 | C | <ul style="list-style-type: none"> Successful completion of NLM 402 will satisfy the college Solution-Based Learning (SBL) Requirement Use Handshake to research employment/internship opportunities Secure experience to complete your 200 career field exploration hours |
| AIS 370: American Indian Languages and Cultures (C) OR AIS 470: Tribal Governance | 3 | C | |
| CRD 403: Leadership and Professional Development | 3 | C | |
| NLM 402: Assessment and Evaluation of Community Services | 3 | C | |
| NLM Elective | 3 | C | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  NLM 463: Senior Internship | 12 | C | <ul style="list-style-type: none"> Successful completion of NLM 463 will satisfy the college Solution-Based Learning (SBL) Requirement |
| Term hours subtotal: | 12 | | |

- For the Interdisciplinary Requirement:
 - Students can choose courses from any of the four Interdisciplinary areas/track groups.

- To meet the requirement, students must take two courses from at least two different groups.

For the Solution-Based Learning (SBL) College Requirement:

- Students must complete one SBL course by degree completion
- Successful completion of NLM 160, CRD 301, NLM 402, or NLM 463 will satisfy the SBL requirement.

Hide Course List(s)/Track Group(s)

| Interdisciplinary Requirement-Area 1 | Interdisciplinary Requirement-Area 2 | Interdisciplinary Requirement-Area 3 |
|--|---|---|
| CRJ 100: Introduction to Criminal Justice (SB) | PAF 200: Public Service and Policy in the 21st Century | SWU 171: Introduction to Social Work (SB & H) |
| CRJ 203: Courts and Sentencing | PAF 201: Economics and Public Policy (SB) | SWU 180: Introduction to Lesbian Gay Bisexual and Transgender (LGBT) Studies (SB & C) |
| CRJ 204: Juvenile Justice | PAF 240: Urban Policy (C) | |
| CRJ 260: Substantive Criminal Law | PAF 311: Leadership and Change (SB) | SWU 181: Economics: A Social Issues Perspective |
| CRJ 270: Community Justice (SB) | PAF 410: Building Leadership Skills (SB) | |
| CRJ 201: Criminal Justice Crime Control Policies and Practices | | SWU 182: Social Services Perspective of Government (SB) |
| CRJ 230: Introduction to Policing | | SWU 183: Introductory Ethics: A Social Issues Perspectives (HU) |
| CRJ 240: Introduction to Corrections | | SWU 250: Stress Management Tools I (SB) |
| CRJ 305: Gender Crime and Criminal Justice (C) | | SWU 349: Stress Management Tools II (SB) |
| CRJ 306: Race Ethnicity Crime and Criminal Justice (C) | | SWU 456: Immigrants and Refugees (C) |
| CRJ 309: Criminology (SB) | | SWU 458: Behavioral Health Services |
| CRJ 350: Law and Social Control (SB) | | SWU 459: Spirituality and the Helping Professions |
| | | SWU 460: Legal Issues in Social Work |
| | | SWU 461: Lesbian Gay Bisexual Transgender and Queer Issues (C) |
| Interdisciplinary Requirement-Area 4 | NLM Elective (choose 6 credits) | |
| CPP Elective | ACC 382: Accounting and Financial Analysis | |
| | COM 259: Communication in Business and the Professions | |
| | COM 263: Elements of Intercultural Communication (SB & C & G) | |
| | CSM 485: Sports Events | |
| | MGT 380: Management and Strategy for Nonmajors | |
| | NLM 320: Professional Development Seminar | |
| | NLM 420: Nonprofit Leadership Alliance Institute | |
| | NLM 435: Service Learning for Community Development | |
| | PAF 410: Building Leadership Skills (SB) | |

NLM 203: Program Planning

PRM 145: Special Events Management

PRM 304: Recreation Planning and Facility
Development (L)

PRM 364: Foundations of Recreation Therapy
(SB)

SOC 241: Modern Social Problems (SB)

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.













2020 - 2021 Major Map

Parks and Recreation Management, BS

School/College: Watts College of Public Service & Community Solut

Location: Downtown Phoenix campus

PPPRMBS

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • ASU 101 is for ASU freshman students only and is not required for transfer students • For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups. • Secure experience to start your 200 career field exploration hours |
|  PRM 120: Leisure and the Quality of Life (SB) | 3 | C | |
| ASU 101-CPP: The ASU Experience | 1 | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Interdisciplinary Requirement | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Milestone: Meet with an academic advisor to discuss requirement of 200 career field exploration hours. | | | |
| Term hours subtotal: | 16 | | |
| Term 2 16 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • Successful completion of PRM 203 will satisfy the college Solution-Based Learning (SBL) Requirement • Secure experience to start your 200 career field exploration hours • Activate your Handshake account and build out your profile. |
| PRM 203: Program Planning | 3 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |
| Term 3 32 - 47 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  CRD 210: Community Services and Professions | 3 | C | <ul style="list-style-type: none"> • Build your professional connections --- join the ASU Mentor Network • Secure experience to continue your 200 career field exploration hours |
| Humanities, Arts and Design (HU) | 3 | | |
| Social-Behavioral Sciences (SB) AND Global Awareness (G) | 3 | | |
| Complete 2 courses: Elective | 6 | | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 15 | | |
| Term 4 47 - 63 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  COM 225: Public Speaking (L) | 3 | C | |

| | | |
|---|----|---|
| PRM Area Elective | 3 | C |
| Interdisciplinary Requirement | 3 | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | |
| Elective | 3 | |
| Minimum 2.50 GPA ASU Cumulative. | | |
| Term hours subtotal: | 16 | |

- PRM Related Area Electives - courses may be chosen from one or more PRM Related Area Electives subgroup.
- For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups.
- Secure **experience** to continue your 200 career field exploration hours

| Term 5 63 - 78 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ CRD 301: Sustainable Communities | 3 | C | <ul style="list-style-type: none"> • Successful completion of CRD 301 will satisfy the college Solution-Based Learning (SBL) Requirement • Develop your skills • PRM 304 - offered Fall semester only • Secure experience to continue your 200 career field exploration hours |
| ★ PRM 304: Recreation Planning and Facility Development (L) | 3 | C | |
| PRM 306: Advanced Programming and Facilitation | 3 | C | |
| PRM 350: Tourism, Recreation and Sports Marketing | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ CRD 302: Inclusive Community Development (SB & C) | 3 | C | <ul style="list-style-type: none"> • PRM Area Electives - courses may be chosen from one or more PRM Area Electives subgroup. • Develop your professional online presence • PRM 401 - offered Spring semester only • Secure experience to continue your 200 career field exploration hours |
| PRM 401: Managing Leisure Enterprises | 3 | C | |
| Complete 3 courses: | 9 | C | |
| Upper Division PRM Area Elective | | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ CRD 403: Leadership and Professional Development | 3 | C | <ul style="list-style-type: none"> • PRM Related Area Electives - courses may be chosen from one or more PRM Related Area Electives subgroup. • Successful completion of PRM 402 will satisfy the college Solution-Based Learning (SBL) Requirement • Use Handshake to research employment/internship opportunities • Secure experience to complete your 200 career field exploration hours |
| ★ PRM 402: Assessment and Evaluation of Community Services | 3 | C | |
| PRM 364: Foundations of Recreation Therapy (SB) OR PRM 380: Wilderness and Parks in America (SB & H) | 3 | C | |
| Complete 2 courses: | 6 | C | |
| PRM Area Elective | | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ PRM 463: Senior Internship | 12 | C | <ul style="list-style-type: none"> • Successful completion of PRM 463 will satisfy the college Solution-Based Learning (SBL) Requirement |
| Term hours subtotal: | 12 | | |

• In total, six (6) courses must be taken within the PRM Area Electives. One (or more) PRM Area sub-groups may be • Students c

completed by choosing coursework listed within each area. Courses from the PRM Area group will be used to complete the PRM Area. • To meet the

For the Interdisciplinary Requirement:the Solution-Based Learning (SBL) College Requirement:

- Students must complete one SBL course by degree completion.
- Successful completion of PRM 203, CRD 301, PRM 402, or PRM 463 will satisfy the SBL Requirement.

Hide Course List(s)/Track Group(s)

| Interdisciplinary Requirement-Area 1 | Interdisciplinary Requirement-Area 2 | Interdisciplinary Requirement - Area 3 |
|--|--|---|
| CRJ 100: Introduction to Criminal Justice (SB) | PAF 200: Public Service and Policy in the 21st Century | SWU 171: Introduction to Social Work (SB & H) |
| CRJ 201: Criminal Justice Crime Control Policies and Practices | PAF 201: Economics and Public Policy (SB) | SWU 180: Introduction to Lesbian Gay Bisexual and Transgender (LGBT) Studies (SB & C) |
| CRJ 203: Courts and Sentencing | PAF 240: Urban Policy (C) | SWU 181: Economics: A Social Issues Perspective |
| CRJ 204: Juvenile Justice | PAF 311: Leadership and Change (SB) | SWU 182: Social Services Perspective of Government (SB) |
| CRJ 230: Introduction to Policing | PAF 410: Building Leadership Skills (SB) | SWU 183: Introductory Ethics: A Social Issues Perspectives (HU) |
| CRJ 240: Introduction to Corrections | | SWU 250: Stress Management Tools I (SB) |
| CRJ 260: Substantive Criminal Law | | SWU 349: Stress Management Tools II (SB) |
| CRJ 270: Community Justice (SB) | | SWU 456: Immigrants and Refugees (C) |
| CRJ 305: Gender Crime and Criminal Justice (C) | | SWU 458: Behavioral Health Services |
| CRJ 306: Race Ethnicity Crime and Criminal Justice (C) | | SWU 459: Spirituality and the Helping Professions |
| CRJ 309: Criminology (SB) | | SWU 460: Legal Issues in Social Work |
| CRJ 350: Law and Social Control (SB) | | SWU 461: Lesbian Gay Bisexual Transgender and Queer Issues (C) |
| Interdisciplinary Requirement-Area 4 | PRM Area Electives: Natural Resource Management | PRM Area Electives: Community Recreation |
| CPP Elective | PRM 340: Outdoor Survival | CSM 201: Introduction to Community Sports |
| | PRM 370: Public Lands Management | PRM 315: Community Recreation Systems |
| | PRM 380: Wilderness and Parks in America (SB & H) | PRM 335: Sports and Recreation for Youth Development |
| | PRM 470: Environmental Communication | PRM 475: Entrepreneurial Recreation and Tourism |
| | TDM 480: Sustainable Tourism | |
| PRM Area Electives: Special Event Management | PRM Area Electives | |
| PRM 145: Special Events Management | CSM 201: Introduction to Community Sports | |
| PRM 487: Advanced Special Events Management | CSM 407: Ethics and Legal Issues in Sports | |
| PRM 488: Event Marketing and Promotion | CSM 483: Sports Tourism | |
| | CSM 485: Sports Events | |

.....
TDM 345: Meeting and Convention Planning
.....

NLM 300: Fund Raising and Resource
Development

.....
NLM 310: Volunteer Management
.....

PAF 410: Building Leadership Skills (SB)

.....
PRM 340: Outdoor Survival
.....

PRM 364: Foundations of Recreation Therapy
(SB)

.....
PRM 400: Intervention Techniques in
Recreation Therapy
.....

PUP 301: Introduction to Urban Planning (L)

.....
TDM 205: Introduction to Travel and Tourism
(G)
.....

TDM 350: Tourism Recreation and Sports
Marketing

.....
TDM 448: Heritage and Cultural Tourism
.....

PRM 453: Inclusive and Adaptive Sports and
Recreation

.....
PRM 455: Recreational Therapy with Children
Youth and Families
.....

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.












2020 - 2021 Major Map



Parks and Recreation Management (Therapeutic Recreation), BS





School/College: Watts College of Public Service & Community Solut

Location: Downtown Phoenix campus

PPPRMTRBS



| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • ASU 101 is for ASU freshman students only and is not required for transfer students • For the Interdisciplinary Requirement: SWU 183 (term 3) satisfies part of the college's Interdisciplinary requirement. Students must choose one additional class from the areas below to complete the requirement. Students can choose one course from any of the three Interdisciplinary areas/track groups to meet this requirement. • Secure experience to start your 200 career field exploration hours |
|  PRM 120: Leisure and the Quality of Life (SB) | 3 | C | |
| ASU 101-CPP: The ASU Experience | 1 | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Interdisciplinary Requirement | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Milestone: Meet with an academic advisor to discuss requirement of 200 career field exploration hours. | | | |
| Term hours subtotal: | 16 | | |
| Term 2 16 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  CRD 210: Community Services and Professions | 3 | C | <ul style="list-style-type: none"> • Secure experience to start your 200 career field exploration hours • Activate your Handshake account and build out your profile. |
|  ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| BIO 160: Introduction to Anatomy and Physiology (SQ) | 4 | | |
| PSY 101: Introduction to Psychology (SB) | 3 | C | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |
| Term 3 32 - 48 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  COM 225: Public Speaking (L) | 3 | C | <ul style="list-style-type: none"> • Successful completion of PRM 203 will satisfy the college Solution-Based Learning (SBL) Requirement • Build your professional connections --- join the ASU Mentor Network • Secure experience to continue your 200 career field exploration hours |
| BIO 201: Human Anatomy and Physiology I (SG) | 4 | C | |
| PRM 203: Program Planning | 3 | | |
| SWU 183: Introductory Ethics: A Social Issues Perspectives (HU) | 3 | C | |
| Elective | 3 | | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |
| | | Minimum | |

| Term 4 48 - 61 Credit Hours Critical course signified by  | Hours | Grade | Notes |
|---|-------|-------|---|
|  CDE 232: Human Development (SB) | 3 | C | <ul style="list-style-type: none"> Secure experience to continue your 200 career field exploration hours Explore Child Life BIO 202 is recommended for students seeking graduate education in health professions |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Global Awareness (G) | 3 | | |
| Elective (BIO 202 recommended) | 4 | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 13 | | |

| Term 5 61 - 76 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  CRD 301: Sustainable Communities | 3 | C | <ul style="list-style-type: none"> Successful completion of CRD 301 will satisfy the college Solution-Based Learning (SBL) Requirement Develop your skills PRM 304 - offered Fall semester only Secure experience to continue your 200 career field exploration hours |
|  PRM 304: Recreation Planning and Facility Development (L) | 3 | C | |
|  PRM 364: Foundations of Recreation Therapy (SB) | 3 | C | |
| PRM 306: Advanced Programming and Facilitation | 3 | C | |
| PSY 366: Abnormal Psychology (SB) | 3 | C | |
| Term hours subtotal: | 15 | | |

| Term 6 76 - 91 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  PRM 406: Program Design and Administration in Recreation Therapy | 3 | C | <ul style="list-style-type: none"> Develop your professional online presence PRM 400, PRM 406 and PRM 450 - offered Spring semester only Secure experience to continue your 200 career field exploration hours |
| CRD 302: Inclusive Community Development (SB & C) | 3 | C | |
| PRM 350: Tourism, Recreation and Sports Marketing | 3 | C | |
| PRM 400: Intervention Techniques in Recreation Therapy | 3 | C | |
| PRM 450: Therapeutic Recreation and Community Health | 3 | C | |
|  Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 91 - 106 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  PRM 402: Assessment and Evaluation of Community Services | 3 | C | <ul style="list-style-type: none"> Successful completion of PRM 402 will satisfy the college Solution-Based Learning (SBL) Requirement Research employment and internship opportunities PRM 460 - offered Fall semester only Explore Handshake Resources to complete your 200 career field exploration hours |
| PRM 413: Leadership and Professional Development in Recreation Therapy | 3 | C | |
| PRM 460: Assessment & Documentation in Recreation Therapy | 3 | C | |
| Complete 2 courses: | 6 | C | |
| PRM-Therapeutic Recreation Elective | | | |
| Term hours subtotal: | 15 | | |

| Term 8 106 - 120 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  PRM 463: Senior Internship | 12 | C | <ul style="list-style-type: none"> Successful completion of PRM 463 will satisfy the college Solution-Based Learning (SBL) Requirement |
| Elective | 2 | | |
| Term hours subtotal: | 14 | | |

- For the Solution-Based Learning (SBL) College Requirement:
 - Students must complete one SBL course by degree completion.

- Successful completion of PRM 203, CRD 301, PRM 402, or PRM 463 will satisfy the SBL Requirement.

For the Interdisciplinary Requirement:

- SWU 183 satisfies part of the college's Interdisciplinary requirement. Students must choose one additional class from the areas below to complete the requirement.
- Students can choose one course from any of the three Interdisciplinary areas/track groups to meet this requirement.

Hide Course List(s)/Track Group(s)

| Public Service Interdisciplinary Requirement-Area 1 | Interdisciplinary Requirement-Area 2 | Interdisciplinary Requirement-Area 3 |
|--|--|--------------------------------------|
| CRJ 100: Introduction to Criminal Justice (SB) | PAF 200: Public Service and Policy in the 21st Century | CPP Elective |
| CRJ 201: Criminal Justice Crime Control Policies and Practices | PAF 201: Economics and Public Policy (SB) | |
| CRJ 203: Courts and Sentencing | PAF 240: Urban Policy (C) | |
| CRJ 204: Juvenile Justice | PAF 311: Leadership and Change (SB) | |
| CRJ 230: Introduction to Policing | PAF 410: Building Leadership Skills (SB) | |
| CRJ 240: Introduction to Corrections | | |
| CRJ 260: Substantive Criminal Law | | |
| CRJ 270: Community Justice (SB) | | |
| CRJ 305: Gender Crime and Criminal Justice (C) | | |
| CRJ 306: Race Ethnicity Crime and Criminal Justice (C) | | |
| CRJ 309: Criminology (SB) | | |
| CRJ 350: Law and Social Control (SB) | | |
| PRM-Therapeutic Recreation Electives (Choose two courses) | | |
| NLM 300: Fund Raising and Resource Development | | |
| NLM 310: Volunteer Management | | |
| PRM 335: Sports and Recreation for Youth Development | | |
| PRM 380: Wilderness and Parks in America (SB & H) | | |
| PRM 384: Recreational Therapy Practicum | | |
| PRM 440: Advocacy in Therapeutic Recreation | | |
| PRM 453: Inclusive and Adaptive Sports and Recreation | | |
| PRM 455: Recreational Therapy with Children Youth and Families | | |

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
**Hrs Resident Credit for
Academic Recognition:** 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map




Public Service and Public Policy, BS




School/College: Watts College of Public Service & Community Solut



Location: Downtown Phoenix campus

PPPAFBS

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  SOC 101: Introductory Sociology (SB) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • ASU 101 is for ASU freshman students only and is not required for transfer students • For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups. |
| ASU 101-CPP: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| <i>Complete 2 courses:</i> | | | |
| Interdisciplinary Requirement | 6 | | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Milestone: Meet with an academic advisor | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  POS 110: American Government and Politics (SB) | 3 | C | <ul style="list-style-type: none"> • Build your professional connections --- join the ASU Mentor Network |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 48 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  PAF 200: Public Service and Policy in the 21st Century | 3 | C | <ul style="list-style-type: none"> • Develop your skills |
| ENG 216: Persuasive Writing on Public Issues (L) | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| <i>Complete 2 courses:</i> | | | |
| Elective | 6 | | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 48 - 63 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  PAF 201: Economics and Public Policy (SB) | 3 | C | <ul style="list-style-type: none"> • Explore an internship |
| COM 225: Public Speaking (L) | 3 | C | |

POS OR CRJ OR NLM OR JUS OR MGT OR SOC OR SWU OR
SGS OR SOS OR HST Elective 3 C

Complete 2 courses:

Elective 6

Term hours subtotal: 15

| Term 5 63 - 78 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

★ PAF 311: Leadership and Change (SB) 3 C

PAF 301: Applied Statistics (CS) 3 C

Concentration Course 3 C

Humanities, Arts and Design (HU) AND Global Awareness (G) 3

Elective 3

Term hours subtotal: 15

- Students select one concentration area below and choose concentration courses and concentration electives from the same area.
- Develop your professional online presence

| Term 6 78 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

★ PAF 340: Contemporary Policy Challenges 3 C

PAF 302: Public Service Research Methods 3 C

Upper Division Concentration Course 3 C

Upper Division Elective 3

Elective 3

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal: 15

- Students select one concentration area below and choose concentration courses and concentration electives from the same area.
- Complete an in person or virtual practice interview

| Term 7 93 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

★ PAF 460: Public Service Ethics 3 C

★ PAF 484: Internship 3 Y

Upper Division Concentration Course 3 C

Upper Division Literacy and Critical Inquiry (L) 3

Upper Division Elective 3

Term hours subtotal: 15

- Students select one concentration area below and choose concentration courses and concentration electives from the same area.
- Successful completion of PAF 484 will satisfy the college Solution-Based Learning (SBL) Requirement

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

★ PAF 400: Senior Capstone Project 3 C

Upper Division Concentration Elective 3 C

Complete 2 courses:

Upper Division Elective 6

Term hours subtotal: 12

- Students select one concentration area below and choose concentration courses and concentration electives from the same area.
- Successful completion of the college's Solution-Based Learning (SBL) requirement is expected of each student by degree completion.

- For the Interdisciplinary Requirement:

- Students can choose courses from any of the four Interdisciplinary areas/track groups.
- To meet the requirement, students must take two courses from at least two different groups.

Please choose one of the following concentration areas; students must select classes from the same area. For the Solution-Based Learning (SBL) College Requirement:

- Students must complete one SBL course by degree completion.
- Successful completion of PAF 484 will satisfy the SBL Requirement.

Hide Course List(s)/Track Group(s)

| Interdisciplinary Requirement-Area 1 | Interdisciplinary Requirement-Area 2 | Interdisciplinary Requirement-Area 3 |
|--|---|---|
| CRJ 100: Introduction to Criminal Justice (SB) | CSM 201: Introduction to Community Sports | SWU 171: Introduction to Social Work (SB & H) |
| CRJ 201: Criminal Justice Crime Control Policies and Practices | NLM 160: Voluntary Action and Community Leadership (SB) | SWU 180: Introduction to Lesbian Gay Bisexual and Transgender (LGBT) Studies (SB & C) |
| CRJ 203: Courts and Sentencing | NLM 220: Introduction to Nonprofit Organizations | SWU 181: Economics: A Social Issues Perspective |
| CRJ 204: Juvenile Justice | PRM 120: Leisure and the Quality of Life (SB) | SWU 182: Social Services Perspective of Government (SB) |
| CRJ 230: Introduction to Policing | PRM 364: Foundations of Recreation Therapy (SB) | SWU 183: Introductory Ethics: A Social Issues Perspectives (HU) |
| CRJ 240: Introduction to Corrections | PRM 380: Wilderness and Parks in America (SB & H) | SWU 250: Stress Management Tools I (SB) |
| CRJ 260: Substantive Criminal Law | TDM 205: Introduction to Travel and Tourism (G) | SWU 349: Stress Management Tools II (SB) |
| CRJ 270: Community Justice (SB) | TDM 458: International Tourism (G) | SWU 456: Immigrants and Refugees (C) |
| CRJ 305: Gender Crime and Criminal Justice (C) | | SWU 458: Behavioral Health Services |
| CRJ 306: Race Ethnicity Crime and Criminal Justice (C) | | SWU 459: Spirituality and the Helping Professions |
| CRJ 309: Criminology (SB) | | SWU 460: Legal Issues in Social Work |
| CRJ 350: Law and Social Control (SB) | | SWU 461: Lesbian Gay Bisexual Transgender and Queer Issues (C) |
| Interdisciplinary Requirement-Area 4 | Public Leadership & Management Concentration Courses | Upper Division Concentration Elective (Public Leadership & Management) |
| CPP Elective | PAF 300: Public Management and Administration | COM Upper Division Elective |
| | PAF 410: Building Leadership Skills (SB) | HST Upper Division Elective |
| | PAF 420: Managing Across Boundaries | MGT Upper Division Elective |
| | | NLM Upper Division Elective |
| | | POS Upper Division Elective |
| | | PSY Upper Division Elective |
| Public Policy Concentration Courses | Upper Division Concentration Elective (Public Policy) | Urban Studies Concentration Courses |
| PAF 240: Urban Policy (C) | CRJ Upper Division Elective | PAF 220: Introduction to Urban America |
| PAF 470: Topics in Public Economics and Financial Management | ECN Upper Division Elective | PAF 351: Urban and Metropolitan Studies |
| PAF 471: Public Policy Analysis | JUS Upper Division Elective | PAF 305: Urban Governance |
| | NLM Upper Division Elective | |

| | |
|---|---|
| | POS Upper Division Elective |
| | PRM Upper Division Elective |
| | SWU Upper Division Elective |
| | TDM Upper Division Elective |
| Upper Division Concentration Elective (Urban Studies) | Solution-Based Learning (SBL) Requirement |
| GCU Upper Division Elective | CPP 350: Community Works |
| GPH Upper Division Elective | CPP 353: Community Impact Lab |
| PUP Upper Division Elective | CRD 301: Sustainable Communities |
| SOC Upper Division Elective | CRD 435: Service Learning for Community Development |
| SOS Upper Division Elective | CRJ 317: Inside-Out Prison Exchange Program |
| | CRJ 394: Comparative Organized Crime |
| | CRJ 394: The British Roots of U.S. Criminal Justice |
| | CRJ 455: Police and International Terrorism |
| | CRJ 456: Etiology of Martyrdom |
| | NLM 160: Voluntary Action and Community Leadership (SB) |
| | NLM 435: Service Learning for Community Development |
| | PAF 484: Internship |
| | PRM 203: Program Planning |
| | PRM 315: Community Recreation Systems |
| | PRM 370: Public Lands Management |
| | PRM 145: Special Events Management |
| | SWU 291: Social Service Delivery Systems |
| | SWU 394: Ending Homelessness |
| | TDM 345: Meeting and Convention Planning |

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.









2020 - 2021 Major Map

Public Service and Public Policy, BS

School/College: Watts College of Public Service & Community Solut

Location: Online

PPPAFBS

| Term 1 - A 0 - 7 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  SOC 101: Introductory Sociology (SB) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • ASU 101 is for ASU freshman students only and is not required for transfer students |
| ASU 101-CPP: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| Term hours subtotal: | 7 | | |
| Term 1 - B 7 - 13 Credit Hours | Hours | Minimum Grade | Notes |
| Interdisciplinary Requirement | 3 | | <ul style="list-style-type: none"> • For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups • View ASU Online first-year student registration information here. |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 6 | | |
| Term 2 - A 13 - 19 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  POS 110: American Government and Politics (SB) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| Term hours subtotal: | 6 | | |
| Term 2 - B 19 - 25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
| MAT 142: College Mathematics (MA) | 3 | C | <ul style="list-style-type: none"> • Build your professional connections --- join the ASU Mentor Network |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 6 | | |
| Term 3 - A 25 - 31 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  PAF 200: Public Service and Policy in the 21st Century | 3 | C | <ul style="list-style-type: none"> • For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups |
| Interdisciplinary Requirement | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 3 - B 31 - 38 Credit Hours Critical course signified by ⚠ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--------------------------------|
| ENG 216: Persuasive Writing on Public Issues (L) | 3 | C | • Develop your skills . |
| Natural Science - Quantitative (SQ) | 4 | | |
| ⚠ Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 7 | | |

| Term 4 - A 38 - 44 Credit Hours Critical course signified by ⚠ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ⚠ PAF 201: Economics and Public Policy (SB) | 3 | C | |
| COM 225: Public Speaking (L) | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 4 - B 44 - 50 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| POS OR CRJ OR NLM OR JUS OR MGT OR SOC OR SWU OR SGS OR SOS OR HST Elective | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - A 50 - 57 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|----------------------------------|
| ★ PAF 311: Leadership and Change (SB) | 3 | C | • Explore an internship . |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 5 - B 57 - 63 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - A 63 - 69 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ PAF 301: Applied Statistics (CS) | 3 | C | • Students choose concentration courses and concentration electives from the area below. |
| Concentration Course | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 69 - 75 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| Upper Division Concentration Course | 3 | C | • Students choose concentration courses and concentration electives from the area below. |
| Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 7 - A 75 - 81 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ PAF 302: Public Service Research Methods | 3 | C | • Develop your professional online presence . |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 81 - 87 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| Solution-Based Learning (SBL) Requirement | 3 | | <ul style="list-style-type: none"> The Solution-Based Learning (SBL) is a college requirement for degree completion. Students should select a course from the list below for a total of 3 credits. |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 87 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ PAF 340: Contemporary Policy Challenges | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 93 - 99 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| Upper Division Literacy and Critical Inquiry (L) | 3 | | <ul style="list-style-type: none"> Complete an in person or virtual practice interview. |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 9 - A 99 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ PAF 460: Public Service Ethics | 3 | C | <ul style="list-style-type: none"> Students choose concentration courses and concentration electives from the area below. |
| Upper Division Concentration Course | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 9 - B 105 - 111 Credit Hours | Hours | Minimum Grade | Notes |
|-----------------------------------|-------|---------------|-------|
| Complete 2 courses: | 6 | | |
| Upper Division Elective | | | |
| Term hours subtotal: | 6 | | |

| Term 10 - A 111 - 117 Credit Hours | Hours | Minimum Grade | Notes |
|---------------------------------------|-------|---------------|--|
| Upper Division Concentration Elective | 3 | C | <ul style="list-style-type: none"> Students choose concentration courses and concentration electives from the area below. |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 10 - B 117 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ PAF 400: Senior Capstone Project | 3 | C | |
| Term hours subtotal: | 3 | | |

- For the Interdisciplinary Requirement:
 - Students can choose courses from any of the four Interdisciplinary areas/track groups.
 - To meet the requirement, students must take two courses from at least two different groups.

Please choose one of the following concentration areas; students must select classes from the same area.

For the Solution-Based Learning (SBL) College Requirement:

- Choose one class from the SBL course list.

- Students must complete one SBL course by degree completion.

Hide Course List(s)/Track Group(s)

| Interdisciplinary Requirement-Area 1 | Interdisciplinary Requirement - Area 2 | Interdisciplinary Requirement-Area 3 |
|--|--|---|
| CRJ 100: Introduction to Criminal Justice (SB) | CSM 201: Introduction to Community Sports | SWU 171: Introduction to Social Work (SB & H) |
| CRJ 201: Criminal Justice Crime Control Policies and Practices | PRM 120: Leisure and the Quality of Life (SB) | SWU 180: Introduction to Lesbian Gay Bisexual and Transgender (LGBT) Studies (SB & C) |
| CRJ 203: Courts and Sentencing | PRM 364: Foundations of Recreation Therapy (SB) | SWU 181: Economics: A Social Issues Perspective |
| CRJ 204: Juvenile Justice | PRM 380: Wilderness and Parks in America (SB & H) | SWU 182: Social Services Perspective of Government (SB) |
| CRJ 230: Introduction to Policing | TDM 205: Introduction to Travel and Tourism (G) | SWU 183: Introductory Ethics: A Social Issues Perspectives (HU) |
| CRJ 260: Substantive Criminal Law | TDM 458: International Tourism (G) | SWU 250: Stress Management Tools I (SB) |
| CRJ 240: Introduction to Corrections | | SWU 349: Stress Management Tools II (SB) |
| CRJ 270: Community Justice (SB) | | SWU 456: Immigrants and Refugees (C) |
| CRJ 305: Gender Crime and Criminal Justice (C) | | SWU 458: Behavioral Health Services |
| CRJ 306: Race Ethnicity Crime and Criminal Justice (C) | | SWU 460: Legal Issues in Social Work |
| CRJ 309: Criminology (SB) | | SWU 461: Lesbian Gay Bisexual Transgender and Queer Issues (C) |
| CRJ 350: Law and Social Control (SB) | | |
| Interdisciplinary Requirement-Area 4 | Public Leadership & Management Concentration Courses | Upper Division Concentration Elective (Public Leadership & Management) |
| CPP Elective | PAF 300: Public Management and Administration | COM Upper Division Elective |
| | PAF 410: Building Leadership Skills (SB) | HST Upper Division Elective |
| | PAF 420: Managing Across Boundaries | MGT Upper Division Elective |
| | | NLM Upper Division Elective |
| | | POS Upper Division Elective |
| | | PSY Upper Division Elective |
| Solution-Based Learning (SBL) Requirement | | |
| CPP 350: Community Works | | |
| CPP 353: Community Impact Lab | | |
| CRD 435: Service Learning for Community Development | | |
| CRJ 394: Comparative Organized Crime | | |
| CRJ 394: The British Roots of U.S. Criminal Justice | | |
| CRJ 455: Police and International Terrorism | | |
| CRJ 456: Etiology of Martyrdom | | |

PAF 484: Internship

PRM 145: Special Events Management

PRM 203: Program Planning

SWU 291: Social Service Delivery Systems

SWU 394: Ending Homelessness

TDM 345: Meeting and Convention Planning

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map




Public Service and Public Policy (American Indian Studies), BS




School/College: Watts College of Public Service & Community Solut



Location: Downtown Phoenix campus

PPPAFAISBS

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  SOC 101: Introductory Sociology (SB) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement into mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups. |
| ASU 101-CPP: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| <i>Complete 2 courses:</i> | | | |
| Interdisciplinary Requirement | 6 | | |
| Elective | 3 | | |
| Milestone: Meet with an academic advisor | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  POS 110: American Government and Politics (SB) | 3 | C | <ul style="list-style-type: none"> • Build your professional connections --- join the ASU Mentor Network |
| AIS 180: Introduction to American Indian Studies (C) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 48 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  PAF 200: Public Service and Policy in the 21st Century | 3 | C | <ul style="list-style-type: none"> • Develop your skills |
| ENG 216: Persuasive Writing on Public Issues (L) | 3 | C | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 48 - 63 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  PAF 201: Economics and Public Policy (SB) | 3 | C | <ul style="list-style-type: none"> • Explore an internship |
| AIS 280: American Indian Sovereignty and the Courts (H & C) | 3 | C | |
| AIS 285: Federal Indian Policy (H & C) | 3 | C | |

| | | |
|------------------------------|----|---|
| COM 225: Public Speaking (L) | 3 | C |
| Elective | 3 | |
| Term hours subtotal: | 15 | |

| Term 5 63 - 78 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ PAF 311: Leadership and Change (SB) | 3 | C | • Develop your professional online presence |
| PAF 301: Applied Statistics (CS) | 3 | C | |
| POS OR CRJ OR NLM OR JUS OR MGT OR SOC OR SWU OR SGS OR SOS OR HST Elective | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ PAF 340: Contemporary Policy Challenges | 3 | C | • Complete an in person or virtual practice interview |
| AIS Upper Division Elective (AIS 470 recommended) | 3 | C | |
| PAF 302: Public Service Research Methods | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ PAF 460: Public Service Ethics | 3 | C | • Successful completion of PAF 484 will satisfy the college Solution-Based Learning (SBL) Requirement |
| ★ PAF 484: Internship | 3 | Y | |
| Complete 3 courses: Upper Division Elective | 9 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ PAF 400: Senior Capstone Project | 3 | C | |
| Complete 3 courses: Upper Division Elective | 9 | | |
| Term hours subtotal: | 12 | | |

- For the Interdisciplinary Requirement:
 - Students can choose courses from any of the four Interdisciplinary areas/track groups.
 - To meet the requirement, students must take two courses from at least two different groups.
- For the Solution-Based Learning (SBL) College Requirement:
 - Students must complete one SBL course by degree completion.
 - Successful completion of PAF 484 will satisfy the SBL Requirement.

Hide Course List(s)/Track Group(s)

| Interdisciplinary Requirement-Area 1 | Interdisciplinary Requirement - Area 2 | Interdisciplinary Requirement-Area 3 |
|--|---|---|
| CRJ 100: Introduction to Criminal Justice (SB) | CSM 201: Introduction to Community Sports | SWU 171: Introduction to Social Work (SB & H) |
| CRJ 201: Criminal Justice Crime Control Policies and Practices | NLM 160: Voluntary Action and Community Leadership (SB) | SWU 180: Introduction to Lesbian Gay Bisexual and Transgender (LGBT) Studies (SB & C) |
| CRJ 203: Courts and Sentencing | NLM 220: Introduction to Nonprofit Organizations | SWU 181: Economics: A Social Issues Perspective |
| CRJ 204: Juvenile Justice | PRM 120: Leisure and the Quality of Life (SB) | SWU 182: Social Services Perspective of Government (SB) |
| CRJ 230: Introduction to Policing | PRM 364: Foundations of Recreation Therapy (SB) | SWU 183: Introductory Ethics: A Social Issues Perspectives (HU) |
| CRJ 260: Substantive Criminal Law | PRM 380: Wilderness and Parks in America (SB & H) | SWU 250: Stress Management Tools I (SB) |
| CRJ 240: Introduction to Corrections | TDM 205: Introduction to Travel and Tourism (G) | SWU 349: Stress Management Tools II (SB) |
| CRJ 270: Community Justice (SB) | TDM 458: International Tourism (G) | SWU 456: Immigrants and Refugees (C) |
| CRJ 305: Gender Crime and Criminal Justice (C) | | SWU 458: Behavioral Health Services |
| CRJ 306: Race Ethnicity Crime and Criminal Justice (C) | | SWU 459: Spirituality and the Helping Professions |
| CRJ 309: Criminology (SB) | | SWU 460: Legal Issues in Social Work |
| CRJ 350: Law and Social Control (SB) | | SWU 461: Lesbian Gay Bisexual Transgender and Queer Issues (C) |
| Interdisciplinary Requirement-Area 4 | | |
| CPP Elective | | |

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map




Public Service and Public Policy (Business), BS




School/College: Watts College of Public Service & Community Solut



Location: Downtown Phoenix campus

PPPAFBUBS

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  SOC 101: Introductory Sociology (SB) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups. |
| ASU 101-CPP: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| <i>Complete 2 courses:</i> | | | |
| Interdisciplinary Requirement | 6 | | |
| Elective | 3 | | |
| Milestone: Meet with an academic advisor | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  POS 110: American Government and Politics (SB) | 3 | C | <ul style="list-style-type: none"> • Build your professional connections --- join the ASU Mentor Network |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 48 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  PAF 200: Public Service and Policy in the 21st Century | 3 | C | <ul style="list-style-type: none"> • Develop your skills |
| ENG 216: Persuasive Writing on Public Issues (L) | 3 | C | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| <i>Complete 2 courses:</i> | | | |
| Elective | 6 | | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 48 - 63 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  PAF 201: Economics and Public Policy (SB) | 3 | C | <ul style="list-style-type: none"> • Must have minimum 2.00 ASU Cumulative GPA for MGT 380 in Term 5 • Explore an internship |
| COM 225: Public Speaking (L) | 3 | C | |
| POS OR CRJ OR NLM OR JUS OR MGT OR SOC OR SWU OR SGS OR SOS OR HST Elective | 3 | C | |

| | |
|------------------------------------|----|
| Cultural Diversity in the U.S. (C) | 3 |
| Elective | 3 |
| Term hours subtotal: | 15 |

| Term 5 63 - 78 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ PAF 311: Leadership and Change (SB) | 3 | C | <ul style="list-style-type: none"> • Must have minimum 2.00 ASU Cumulative GPA for ACC 382 and FIN 380 in Term 6 • Develop your professional online presence |
| MGT 380: Management and Strategy for Nonmajors | 3 | C | |
| PAF 301: Applied Statistics (CS) | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ PAF 340: Contemporary Policy Challenges | 3 | C | <ul style="list-style-type: none"> • Must have minimum 2.00 Cumulative GPA for MKT 390 or MKT 395 in Term 7 • Complete an in person or virtual practice interview |
| ACC 382: Accounting and Financial Analysis | 3 | C | |
| FIN 380: Personal Financial Management | 3 | C | |
| PAF 302: Public Service Research Methods | 3 | C | |
| Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ PAF 460: Public Service Ethics | 3 | C | <ul style="list-style-type: none"> • Successful completion of PAF 484 will satisfy the college Solution-Based Learning (SBL) Requirement |
| ★ PAF 484: Internship | 3 | Y | |
| MKT 390: Essentials of Marketing OR MKT 395: Essentials of Advertising and Marketing Communication | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ PAF 400: Senior Capstone Project | 3 | C | |
| Complete 2 courses: | | | |
| Upper Division Elective | 6 | | |
| Elective | 3 | | |
| Term hours subtotal: | 12 | | |

- For the Interdisciplinary Requirement:
 - Students can choose courses from any of the four Interdisciplinary areas/track groups.
 - To meet the requirement, students must take two courses from at least two different groups.

For the Solution-Based Learning (SBL) College Requirement:

- Students must complete one SBL course by degree completion.
- Successful completion of PAF 484 will satisfy the SBL Requirement.

Hide Course List(s)/Track Group(s)

| Interdisciplinary Requirement-Area 1 | Interdisciplinary Requirement - Area 2 | Interdisciplinary Requirement-Area 3 |
|--|---|---|
| CRJ 100: Introduction to Criminal Justice (SB) | CSM 201: Introduction to Community Sports | SWU 171: Introduction to Social Work (SB & H) |
| CRJ 201: Criminal Justice Crime Control Policies and Practices | NLM 160: Voluntary Action and Community Leadership (SB) | SWU 180: Introduction to Lesbian Gay Bisexual and Transgender (LGBT) Studies (SB & C) |
| CRJ 203: Courts and Sentencing | NLM 220: Introduction to Nonprofit Organizations | SWU 181: Economics: A Social Issues Perspective |
| CRJ 204: Juvenile Justice | PRM 120: Leisure and the Quality of Life (SB) | SWU 182: Social Services Perspective of Government (SB) |
| CRJ 230: Introduction to Policing | PRM 364: Foundations of Recreation Therapy (SB) | SWU 183: Introductory Ethics: A Social Issues Perspectives (HU) |
| CRJ 240: Introduction to Corrections | PRM 380: Wilderness and Parks in America (SB & H) | SWU 250: Stress Management Tools I (SB) |
| CRJ 260: Substantive Criminal Law | TDM 205: Introduction to Travel and Tourism (G) | SWU 349: Stress Management Tools II (SB) |
| CRJ 270: Community Justice (SB) | TDM 458: International Tourism (G) | SWU 456: Immigrants and Refugees (C) |
| CRJ 305: Gender Crime and Criminal Justice (C) | | SWU 458: Behavioral Health Services |
| CRJ 306: Race Ethnicity Crime and Criminal Justice (C) | | SWU 459: Spirituality and the Helping Professions |
| CRJ 309: Criminology (SB) | | SWU 460: Legal Issues in Social Work |
| CRJ 350: Law and Social Control (SB) | | SWU 461: Lesbian Gay Bisexual Transgender and Queer Issues (C) |
| Interdisciplinary Requirement-Area 4 | | |
| CPP Elective | | |

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map




Public Service and Public Policy (Criminology), BS




School/College: Watts College of Public Service & Community Solut



Location: Downtown Phoenix campus

PPPAFCBS

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  SOC 101: Introductory Sociology (SB) | 3 | C | <ul style="list-style-type: none"> • CRJ 100 satisfies part of the college's interdisciplinary requirement. • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • ASU 101 is for ASU freshman students only and is not required for transfer students |
| ASU 101-CPP: The ASU Experience | 1 | | |
| CRJ 100: Introduction to Criminal Justice (SB) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| <i>Complete 2 courses:</i> Elective | 6 | | |
| Milestone: Meet with an academic advisor | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  POS 110: American Government and Politics (SB) | 3 | C | <ul style="list-style-type: none"> • Build your professional connections --- join the ASU Mentor Network |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 48 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  PAF 200: Public Service and Policy in the 21st Century | 3 | C | <ul style="list-style-type: none"> • Develop your skills |
| CRJ 201: Criminal Justice Crime Control Policies and Practices | 3 | C | |
| ENG 216: Persuasive Writing on Public Issues (L) | 3 | C | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 48 - 63 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  PAF 201: Economics and Public Policy (SB) | 3 | C | <ul style="list-style-type: none"> • Students can choose one course from any of the three Interdisciplinary areas/track groups. • Explore an internship |
| COM 225: Public Speaking (L) | 3 | C | |
| Interdisciplinary Requirement | 3 | | |

| | | |
|--|----|---|
| POS OR CRJ OR NLM OR JUS OR MGT OR SOC OR SWU OR SGS OR SOS OR HST Elective | 3 | C |
| Cultural Diversity in the U.S. (C) | 3 | |
| Term hours subtotal: | 15 | |

| Term 5 63 - 78 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ PAF 311: Leadership and Change (SB) | 3 | C | • Develop your professional online presence |
| PAF 301: Applied Statistics (CS) | 3 | C | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Complete 2 courses: Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ PAF 340: Contemporary Policy Challenges | 3 | C | • Complete an in person or virtual practice interview |
| PAF 302: Public Service Research Methods | 3 | C | |
| CRJ Upper Division Elective | 3 | C | |
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ PAF 460: Public Service Ethics | 3 | C | • Successful completion of PAF 484 will satisfy the college Solution-Based Learning (SBL) Requirement |
| ★ PAF 484: Internship | 3 | Y | |
| CRJ Upper Division Elective | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ PAF 400: Senior Capstone Project | 3 | C | |
| Complete 3 courses: Upper Division Elective | 9 | | |
| Term hours subtotal: | 12 | | |

- For the Interdisciplinary Requirement:
 - CRJ 100 satisfies part of the college's interdisciplinary requirement. Students must choose one additional class from the areas below to complete the requirement.
 - Students can choose one course from any of the three Interdisciplinary areas/track groups.
- For the Solution-Based Learning (SBL) College Requirement:
 - Students must complete one SBL course by degree completion.
 - Successful completion of PAF 484 will satisfy the SBL Requirement.

Hide Course List(s)/Track Group(s)

| Interdisciplinary Requirement - Area 1 | Interdisciplinary Requirement-Area 2 | Interdisciplinary Requirement-Area 3 |
|---|---|--------------------------------------|
| CSM 201: Introduction to Community Sports | SWU 171: Introduction to Social Work (SB & H) | CPP Elective |
| NLM 160: Voluntary Action and Community Leadership (SB) | SWU 180: Introduction to Lesbian Gay Bisexual and Transgender (LGBT) Studies (SB & C) | |
| NLM 220: Introduction to Nonprofit Organizations | SWU 181: Economics: A Social Issues Perspective | |
| PRM 120: Leisure and the Quality of Life (SB) | SWU 182: Social Services Perspective of Government (SB) | |
| PRM 364: Foundations of Recreation Therapy (SB) | SWU 183: Introductory Ethics: A Social Issues Perspectives (HU) | |
| PRM 380: Wilderness and Parks in America (SB & H) | SWU 250: Stress Management Tools I (SB) | |
| TDM 205: Introduction to Travel and Tourism (G) | SWU 349: Stress Management Tools II (SB) | |
| TDM 458: International Tourism (G) | SWU 456: Immigrants and Refugees (C) | |
| | SWU 458: Behavioral Health Services | |
| | SWU 459: Spirituality and the Helping Professions | |
| | SWU 460: Legal Issues in Social Work | |
| | SWU 461: Lesbian Gay Bisexual Transgender and Queer Issues (C) | |

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map




Public Service and Public Policy (Emergency Management and Homeland Security), BS




School/College: Watts College of Public Service & Community Solut



Location: Downtown Phoenix campus

PPPAFEHBS

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  PAF 200: Public Service and Policy in the 21st Century | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • ASU 101 is for ASU freshman students only and is not required for transfer students |
|  SOC 101: Introductory Sociology (SB) | 3 | C | |
| ASU 101-CPP: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Elective | 3 | | |
| Milestone: Meet with an academic advisor | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  POS 110: American Government and Politics (SB) | 3 | C | <ul style="list-style-type: none"> • Build your professional connections --- join the ASU Mentor Network |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 48 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  PAF 201: Economics and Public Policy (SB) | 3 | C | <ul style="list-style-type: none"> • For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups. • Develop your skills |
| ENG 216: Persuasive Writing on Public Issues (L) | 3 | C | |
| Interdisciplinary Requirement | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Elective | 3 | | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 48 - 63 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  COM 225: Public Speaking (L) | 3 | C | <ul style="list-style-type: none"> • For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups. |
| Interdisciplinary Requirement | 3 | | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| <i>Complete 2 courses:</i> | | | |

Elective

6

• Explore an **internship**

Term hours subtotal: 15

| Term 5 63 - 78 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ PAF 311: Leadership and Change (SB) | 3 | C | • Develop your professional online presence |
| PAF 301: Applied Statistics (CS) | 3 | C | |
| PAF 360: Emergency Management I | 3 | C | |
| PAF 361: Hazards and Risk Management | 3 | C | |
| PAF 461: Homeland Security | 3 | C | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ PAF 302: Public Service Research Methods | 3 | C | • For Concentration courses, students must select three courses from the concentration area. • Complete an in person or virtual practice interview |
| ★ PAF 340: Contemporary Policy Challenges | 3 | C | |
| PAF 363: Technology in Emergency Management | 3 | C | |
| Complete 2 courses: | | | |
| Upper Division Emergency Management & Homeland Security Concentration Course | 6 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ PAF 460: Public Service Ethics | 3 | C | • Successful completion of PAF 484 will satisfy the college Solution-Based Learning (SBL) Requirement |
| ★ PAF 484: Internship | 3 | Y | |
| Upper Division Emergency Management & Homeland Security Concentration Course | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ PAF 400: Senior Capstone Project | 3 | C | |
| Complete 3 courses: | | | |
| Elective | 9 | | |
| Term hours subtotal: | 12 | | |

- For Emergency Management & Homeland Security Concentration courses, students must select three courses from the concentration area.
- For the Interdisciplinary Requirement:
 - o Students can choose courses from any of the four Interdisciplinary areas/track groups.
 - o To meet the requirement, students must take two courses from at least two different groups.
- For the Solution Based Learning (SBL) College Requirement:
 - o PAF 484 satisfies the SBL requirement.
 - o Student must complete one SBL course by degree completion.

Hide Course List(s)/Track Group(s)

| Interdisciplinary Requirement-Area 1 | Interdisciplinary Requirement-Area 2 | Interdisciplinary Requirement-Area 3 |
|--|---|---|
| CRJ 100: Introduction to Criminal Justice (SB) | CSM 201: Introduction to Community Sports | SWU 171: Introduction to Social Work (SB & H) |
| CRJ 201: Criminal Justice Crime Control Policies and Practices | NLM 160: Voluntary Action and Community Leadership (SB) | SWU 180: Introduction to Lesbian Gay Bisexual and Transgender (LGBT) Studies (SB & C) |
| CRJ 203: Courts and Sentencing | NLM 220: Introduction to Nonprofit Organizations | SWU 181: Economics: A Social Issues Perspective |
| CRJ 204: Juvenile Justice | PRM 120: Leisure and the Quality of Life (SB) | SWU 182: Social Services Perspective of Government (SB) |
| CRJ 230: Introduction to Policing | PRM 364: Foundations of Recreation Therapy (SB) | SWU 183: Introductory Ethics: A Social Issues Perspectives (HU) |
| CRJ 240: Introduction to Corrections | PRM 380: Wilderness and Parks in America (SB & H) | SWU 250: Stress Management Tools I (SB) |
| CRJ 260: Substantive Criminal Law | TDM 205: Introduction to Travel and Tourism (G) | SWU 349: Stress Management Tools II (SB) |
| CRJ 270: Community Justice (SB) | | SWU 456: Immigrants and Refugees (C) |
| CRJ 305: Gender Crime and Criminal Justice (C) | | SWU 458: Behavioral Health Services |
| CRJ 306: Race Ethnicity Crime and Criminal Justice (C) | | SWU 459: Spirituality and the Helping Professions |
| CRJ 309: Criminology (SB) | | SWU 460: Legal Issues in Social Work |
| CRJ 350: Law and Social Control (SB) | | SWU 461: Lesbian Gay Bisexual Transgender and Queer Issues (C) |
| Interdisciplinary Requirement-Area 4 | Emergency Management & Homeland Security Concentration | |
| CPP Elective | CRJ 403: Victims and the Criminal Justice System | |
| | CRJ 409: Police Accountability | |
| | CRJ 412: International Terrorism | |
| | CRJ 417: Cyber Terrorism | |
| | CRJ 419: Domestic Terrorism | |
| | CRJ 422: Violence in America | |
| | PAF 424: Emergency Management II | |
| | PAF 425: National Incident Management System (NIMS) | |
| | PAF 468: Planning and Exercises | |
| | PAF 469: Terrorism Defense | |

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum

General University Requirements Legend

General Studies Core Requirements:
 • Literacy and Critical Inquiry (L)

Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.













2020 - 2021 Major Map

Public Service and Public Policy (Emergency Management and Homeland Security), BS

School/College: [Watts College of Public Service & Community Solut](#)

Location: [Online](#)

PPPAFEHBS

| Term 1 - A 0 - 7 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  SOC 101: Introductory Sociology (SB) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • ASU 101 is for ASU freshman students only and is not required for transfer students |
| ASU 101-CPP: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| Term hours subtotal: | 7 | | |
| Term 1 - B 7 - 13 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  PAF 200: Public Service and Policy in the 21st Century | 3 | C | <ul style="list-style-type: none"> • View ASU Online first-year student registration information here. |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Term hours subtotal: | 6 | | |
| Term 2 - A 13 - 19 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  POS 110: American Government and Politics (SB) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| Term hours subtotal: | 6 | | |
| Term 2 - B 19 - 25 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 6 | | |
| Term 3 - A 25 - 31 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  PAF 201: Economics and Public Policy (SB) | 3 | C | <ul style="list-style-type: none"> • Build your professional connections --- join the ASU Mentor Network |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |
| Term 3 - B 31 - 38 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
| ENG 216: Persuasive Writing on Public Issues (L) | 3 | C | <ul style="list-style-type: none"> • Develop your skills. |
| Natural Science - Quantitative (SQ) | 4 | | |
|  Complete Mathematics (MA) requirement. | | | |

Term hours subtotal: 7

| Term 4 - A 38 - 44 Credit Hours Critical course signified by 🚩 | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| 🚩 COM 225: Public Speaking (L) | 3 | C | <ul style="list-style-type: none"> For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups. |
| Interdisciplinary Requirement | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 4 - B 44 - 51 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| Interdisciplinary Requirement | 3 | | <ul style="list-style-type: none"> For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups. |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 5 - A 51 - 57 Credit Hours Necessary course signified by ⭐ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ⭐ PAF 311: Leadership and Change (SB) | 3 | C | <ul style="list-style-type: none"> Explore an internship. |
| ⭐ PAF 360: Emergency Management I | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 5 - B 57 - 63 Credit Hours | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - A 63 - 69 Credit Hours Necessary course signified by ⭐ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ⭐ PAF 361: Hazards and Risk Management | 3 | C | |
| PAF 301: Applied Statistics (CS) | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 69 - 75 Credit Hours Necessary course signified by ⭐ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| PAF 302: Public Service Research Methods | 3 | C | |
| PAF 363: Technology in Emergency Management | 3 | C | |
| ⭐ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 6 | | |

| Term 7 - A 75 - 81 Credit Hours Necessary course signified by ⭐ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ⭐ PAF 461: Homeland Security | 3 | C | <ul style="list-style-type: none"> Develop your professional online presence. |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 81 - 87 Credit Hours | Hours | Minimum Grade | Notes |
|---------------------------------|-------|---------------|-------|
| | | | |

| | | |
|--|---|---|
| Upper Division Emergency Management & Homeland Security Concentration Course | 3 | C |
| Solution-Based Learning (SBL) Requirement | 3 | |
| Term hours subtotal: | 6 | |

- The Solution-Based Learning (SBL) is a college requirement for degree completion. Students should select a course from the list below for a total of 3 credits.

| Term 8 - A 87 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ PAF 340: Contemporary Policy Challenges | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 93 - 99 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | • Complete an in person or virtual practice interview. |

| Term 9 - A 99 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ PAF 460: Public Service Ethics | 3 | C | |
| Upper Division Emergency Management & Homeland Security Concentration Course | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 9 - B 105 - 111 Credit Hours | Hours | Minimum Grade | Notes |
|-----------------------------------|-------|---------------|-------|
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 10 - A 111 - 117 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| Upper Division Emergency Management & Homeland Security Concentration Course | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 10 - B 117 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ PAF 400: Senior Capstone Project | 3 | C | |
| Term hours subtotal: | 3 | | |

- For Emergency Management & Homeland Security Concentration courses, students must select three courses from the concentration area.
- For the Interdisciplinary Requirement:
 - o Students can choose courses from any of the four Interdisciplinary areas/track groups.
 - o To meet the requirement, students must take two courses from at least two different groups.
- For the Solution Based Learning (SBL) College Requirement:
 - o Choose one class from the SBL course list.
 - o Student must complete one SBL course by degree completion.

| Interdisciplinary Requirement - Area 2 | Interdisciplinary Requirement-Area 1 | Interdisciplinary Requirement-Area 3 |
|---|--|---|
| CSM 201: Introduction to Community Sports | CRJ 100: Introduction to Criminal Justice (SB) | SWU 171: Introduction to Social Work (SB & H) |
| PRM 120: Leisure and the Quality of Life (SB) | CRJ 201: Criminal Justice Crime Control Policies and Practices | SWU 180: Introduction to Lesbian Gay Bisexual and Transgender (LGBT) Studies (SB & C) |
| PRM 364: Foundations of Recreation Therapy (SB) | CRJ 203: Courts and Sentencing | SWU 181: Economics: A Social Issues Perspective |
| PRM 380: Wilderness and Parks in America (SB & H) | CRJ 204: Juvenile Justice | SWU 182: Social Services Perspective of Government (SB) |
| TDM 205: Introduction to Travel and Tourism (G) | CRJ 230: Introduction to Policing | SWU 183: Introductory Ethics: A Social Issues Perspectives (HU) |
| TDM 458: International Tourism (G) | CRJ 240: Introduction to Corrections | SWU 250: Stress Management Tools I (SB) |
| | CRJ 260: Substantive Criminal Law | SWU 349: Stress Management Tools II (SB) |
| | CRJ 270: Community Justice (SB) | SWU 456: Immigrants and Refugees (C) |
| | CRJ 305: Gender Crime and Criminal Justice (C) | SWU 458: Behavioral Health Services |
| | CRJ 306: Race Ethnicity Crime and Criminal Justice (C) | SWU 460: Legal Issues in Social Work |
| | CRJ 309: Criminology (SB) | SWU 461: Lesbian Gay Bisexual Transgender and Queer Issues (C) |
| | CRJ 350: Law and Social Control (SB) | |
| Interdisciplinary Requirement-Area 4 | Solution-Based Learning (SBL) Requirement | Emergency Management & Homeland Security Concentration |
| CPP Elective | CPP 350: Community Works | CRJ 403: Victims and the Criminal Justice System |
| | CPP 353: Community Impact Lab | CRJ 409: Police Accountability |
| | CRD 435: Service Learning for Community Development | CRJ 412: International Terrorism |
| | CRJ 394: Comparative Organized Crime | CRJ 417: Cyber Terrorism |
| | CRJ 394: The British Roots of U.S. Criminal Justice | CRJ 419: Domestic Terrorism |
| | CRJ 455: Police and International Terrorism | CRJ 422: Violence in America |
| | CRJ 456: Etiology of Martyrdom | PAF 424: Emergency Management II |
| | PAF 484: Internship | PAF 425: National Incident Management System (NIMS) |
| | PRM 145: Special Events Management | PAF 468: Planning and Exercises |
| | PRM 203: Program Planning | PAF 469: Terrorism Defense |
| | SWU 291: Social Service Delivery Systems | |
| | SWU 394: Ending Homelessness | |
| | TDM 345: Meeting and Convention Planning | |

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map




Public Service and Public Policy (Health Policy), BS




School/College: Watts College of Public Service & Community Solut



Location: Downtown Phoenix campus

PPPAFHPBS

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  SOC 101: Introductory Sociology (SB) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups. |
| ASU 101-CPP: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| <i>Complete 2 courses:</i> | | | |
| Interdisciplinary Requirement | 6 | | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Milestone: Meet with an academic advisor | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  POS 110: American Government and Politics (SB) | 3 | C | <ul style="list-style-type: none"> • Build your professional connections --- join the ASU Mentor Network |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 48 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  PAF 200: Public Service and Policy in the 21st Century | 3 | C | <ul style="list-style-type: none"> • Develop your skills |
| ENG 216: Persuasive Writing on Public Issues (L) | 3 | C | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 48 - 63 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  PAF 201: Economics and Public Policy (SB) | 3 | C | <ul style="list-style-type: none"> • Explore an internship |
| COM 225: Public Speaking (L) | 3 | C | |

POS OR CRJ OR NLM OR JUS OR MGT OR SOC OR SWU OR
SGS OR SOS OR HST Elective

3 C

Complete 2 courses:

Elective 6

Term hours subtotal: 15

| Term 5 63 - 78 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

★ PAF 311: Leadership and Change (SB)

3 C

HSC 210: Cultural Aspects of Health (C)

3 C

PAF 301: Applied Statistics (CS)

3 C

Complete 2 courses:

Elective 6

Term hours subtotal: 15

- Develop your professional online presence

| Term 6 78 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

★ PAF 340: Contemporary Policy Challenges

3 C

HSC 340: Changing Health Behaviors

3 C

PAF 302: Public Service Research Methods

3 C

Upper Division Health Policy Concentration Elective

3 C

Elective 3

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal: 15

- Complete an in person or virtual practice interview

| Term 7 93 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

★ PAF 460: Public Service Ethics

3 C

★ PAF 484: Internship

3 Y

Upper Division Health Policy Concentration Elective

3 C

Upper Division Literacy and Critical Inquiry (L)

3

Upper Division Elective 3

Term hours subtotal: 15

- Successful completion of PAF 484 will satisfy the college Solution-Based Learning (SBL) Requirement

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

★ PAF 400: Senior Capstone Project

3 C

Complete 3 courses:

Upper Division Elective 9

Term hours subtotal: 12

- For the Interdisciplinary Requirement:
 - Students can choose courses from any of the four Interdisciplinary areas/track groups.
 - To meet the requirement, students must take two courses from at least two different groups.

For the Solution-Based Learning (SBL) College Requirement:

- Students must complete one SBL course by degree completion.
- Successful completion of PAF 484 will satisfy the SBL Requirement.

Hide Course List(s)/Track Group(s)

| Interdisciplinary Requirement-Area 1 | Interdisciplinary Requirement - Area 2 | Interdisciplinary Requirement-Area 3 |
|--|---|---|
| CRJ 100: Introduction to Criminal Justice (SB) | CSM 201: Introduction to Community Sports | SWU 171: Introduction to Social Work (SB & H) |
| CRJ 201: Criminal Justice Crime Control Policies and Practices | NLM 160: Voluntary Action and Community Leadership (SB) | SWU 180: Introduction to Lesbian Gay Bisexual and Transgender (LGBT) Studies (SB & C) |
| CRJ 203: Courts and Sentencing | NLM 220: Introduction to Nonprofit Organizations | SWU 181: Economics: A Social Issues Perspective |
| CRJ 204: Juvenile Justice | PRM 120: Leisure and the Quality of Life (SB) | SWU 182: Social Services Perspective of Government (SB) |
| CRJ 230: Introduction to Policing | PRM 364: Foundations of Recreation Therapy (SB) | SWU 183: Introductory Ethics: A Social Issues Perspectives (HU) |
| CRJ 240: Introduction to Corrections | PRM 380: Wilderness and Parks in America (SB & H) | SWU 250: Stress Management Tools I (SB) |
| CRJ 260: Substantive Criminal Law | TDM 205: Introduction to Travel and Tourism (G) | SWU 349: Stress Management Tools II (SB) |
| CRJ 270: Community Justice (SB) | TDM 458: International Tourism (G) | SWU 456: Immigrants and Refugees (C) |
| CRJ 305: Gender Crime and Criminal Justice (C) | | SWU 458: Behavioral Health Services |
| CRJ 306: Race Ethnicity Crime and Criminal Justice (C) | | SWU 459: Spirituality and the Helping Professions |
| CRJ 309: Criminology (SB) | | SWU 460: Legal Issues in Social Work |
| CRJ 350: Law and Social Control (SB) | | SWU 461: Lesbian Gay Bisexual Transgender and Queer Issues (C) |
| Interdisciplinary Requirement-Area 4 | Health Policy Concentration Electives | |
| CPP Elective | ASB 301: Global History of Health (SB & G & H) | |
| | HSC 410: Supporting the Health of Older Adults | |
| | HSC 412: Health Issues in Later Life | |
| | SOC 424: Women and Health (SB) | |
| | SOC 427: Sociology of Health and Illness (SB) | |
| | SOS 414: Urban and Environmental Health (SB) | |
| | TCL 327: Health and Migration (SB) | |

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)

- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.











2020 - 2021 Major Map

Public Service and Public Policy (Law and Policy), BS

School/College: Watts College of Public Service & Community Solut

Location: Downtown Phoenix campus

PPPAFLPBS

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  SOC 101: Introductory Sociology (SB) | 3 | C | <ul style="list-style-type: none"> • CRJ 100 satisfies part of the college's interdisciplinary requirement. • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students |
| ASU 101-CPP: The ASU Experience | 1 | | |
| CRJ 100: Introduction to Criminal Justice (SB) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| <i>Complete 2 courses:</i> | | | |
| Elective | 6 | | |
| Milestone: Meet with an academic advisor | | | |
| Term hours subtotal: | 16 | | |
| Term 2 16 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  POS 110: American Government and Politics (SB) | 3 | C | <ul style="list-style-type: none"> • Build your professional connections --- join the ASU Mentor Network |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |
| Term 3 32 - 48 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  PAF 200: Public Service and Policy in the 21st Century | 3 | C | <ul style="list-style-type: none"> • Develop your skills |
| ENG 216: Persuasive Writing on Public Issues (L) | 3 | C | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |
| Term 4 48 - 63 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  PAF 201: Economics and Public Policy (SB) | 3 | C | <ul style="list-style-type: none"> • Explore an internship |
| COM 225: Public Speaking (L) | 3 | C | |
| CRJ 201: Criminal Justice Crime Control Policies and Practices | 3 | C | |
| LAW 210: Introduction to American Legal System and Business Law | 3 | C | |
| Cultural Diversity in the U.S. (C) (URB 240 recommended) | 3 | | |

Term hours subtotal: 15

| Term 5 63 - 78 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ PAF 311: Leadership and Change (SB) | 3 | C | <ul style="list-style-type: none"> For the Interdisciplinary Requirement: CRJ 100 satisfies part of the college's interdisciplinary requirement. Students must choose one additional class from the areas below to complete the requirement. Students can choose one course from any of the three Interdisciplinary areas/track groups. Develop your professional online presence |
| PAF 301: Applied Statistics (CS) | 3 | C | |
| Interdisciplinary Requirement | 3 | | |
| POS OR CRJ OR NLM OR JUS OR MGT OR SOC OR SWU OR SGS OR SOS OR HST Elective | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ PAF 340: Contemporary Policy Challenges | 3 | C | <ul style="list-style-type: none"> Complete an in person or virtual practice interview |
| CRJ 350: Law and Social Control (SB) OR CRJ 410: Procedural Criminal Law OR CRJ 470: Discretionary Justice (L or SB) OR LAW Upper Division Elective | 3 | C | |
| PAF 302: Public Service Research Methods | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ PAF 460: Public Service Ethics | 3 | C | <ul style="list-style-type: none"> Successful completion of PAF 484 will satisfy the college Solution-Based Learning (SBL) Requirement |
| ★ PAF 484: Internship | 3 | Y | |
| Complete 2 courses: CRJ 350: Law and Social Control (SB) OR CRJ 410: Procedural Criminal Law OR CRJ 470: Discretionary Justice (L or SB) OR LAW Upper Division Elective | 6 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ PAF 400: Senior Capstone Project | 3 | C | |
| Complete 2 courses: Upper Division Elective | 6 | | |
| Elective | 3 | | |
| Term hours subtotal: | 12 | | |

- For the Interdisciplinary Requirement:
 - CRJ 100 satisfies part of the college's interdisciplinary requirement. Students must choose one additional class from the areas below to complete the requirement.
 - Students can choose one course from any of the three Interdisciplinary areas/track groups.

For the Solution-Based Learning (SBL) College Requirement:

- Students must complete one SBL course by degree completion.
- Successful completion of PAF 484 will satisfy the SBL Requirement.

Hide Course List(s)/Track Group(s)

| Interdisciplinary Requirement - Area 2 | Interdisciplinary Requirement-Area 3 | Interdisciplinary Requirement-Area 4 |
|---|---|--------------------------------------|
| CSM 201: Introduction to Community Sports | SWU 171: Introduction to Social Work (SB & H) | CPP Elective |
| NLM 160: Voluntary Action and Community Leadership (SB) | SWU 180: Introduction to Lesbian Gay Bisexual and Transgender (LGBT) Studies (SB & C) | |
| NLM 220: Introduction to Nonprofit Organizations | SWU 181: Economics: A Social Issues Perspective | |
| PRM 120: Leisure and the Quality of Life (SB) | SWU 182: Social Services Perspective of Government (SB) | |
| PRM 364: Foundations of Recreation Therapy (SB) | SWU 183: Introductory Ethics: A Social Issues Perspectives (HU) | |
| PRM 380: Wilderness and Parks in America (SB & H) | SWU 250: Stress Management Tools I (SB) | |
| TDM 205: Introduction to Travel and Tourism (G) | SWU 349: Stress Management Tools II (SB) | |
| TDM 458: International Tourism (G) | SWU 456: Immigrants and Refugees (C) | |
| | SWU 458: Behavioral Health Services | |
| | SWU 459: Spirituality and the Helping Professions | |
| | SWU 460: Legal Issues in Social Work | |
| | SWU 461: Lesbian Gay Bisexual Transgender and Queer Issues (C) | |

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map




Public Service and Public Policy (Nonprofit Leadership and Management), BS




School/College: Watts College of Public Service & Community Solut



Location: Downtown Phoenix campus

PPPANLMBS

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  SOC 101: Introductory Sociology (SB) | 3 | C | <ul style="list-style-type: none"> NLM 160 satisfies part of the college's interdisciplinary requirement. Successful completion of NLM 160 will satisfy the college Solution-Based Learning (SBL) Requirement An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses Mathematics Placement Assessment score determines placement in mathematics course ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students ASU 101 is for ASU freshman students only and is not required for transfer students |
| ASU 101-CPP: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| NLM 160: Voluntary Action and Community Leadership (SB) | 3 | C | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Elective | 3 | | |
| Milestone: Meet with an academic advisor | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  POS 110: American Government and Politics (SB) | 3 | C | <ul style="list-style-type: none"> Build your professional connections --- join the ASU Mentor Network |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 48 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  PAF 200: Public Service and Policy in the 21st Century | 3 | C | <ul style="list-style-type: none"> Develop your skills |
| ENG 216: Persuasive Writing on Public Issues (L) | 3 | C | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Complete 2 courses: Elective | 6 | | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 48 - 63 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  PAF 201: Economics and Public Policy (SB) | 3 | C | <ul style="list-style-type: none"> For the Interdisciplinary Requirement: NLM 160 satisfies part of the college's |
| COM 225: Public Speaking (L) | 3 | C | |

| | | |
|--|----|---|
| Interdisciplinary Requirement | 3 | |
| POS OR CRJ OR NLM OR JUS OR MGT OR SOC OR SWU OR SGS OR SOS OR HST Elective | 3 | C |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | |
| Minimum 2.00 GPA ASU Cumulative. | | |
| Term hours subtotal: | 15 | |

interdisciplinary requirement. Students must choose one additional class from the areas below to complete the requirement. Students can choose one course from any of the three Interdisciplinary areas/track groups.

- Explore an **internship**

| Term 5 63 - 78 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ PAF 311: Leadership and Change (SB) | 3 | C | <ul style="list-style-type: none"> • Develop your professional online presence |
| CRD 210: Community Services and Professions | 3 | C | |
| NLM 220: Introduction to Nonprofit Organizations | 3 | C | |
| PAF 301: Applied Statistics (CS) | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ PAF 340: Contemporary Policy Challenges | 3 | C | <ul style="list-style-type: none"> • Complete an in person or virtual practice interview |
| NLM 300: Fund Raising and Resource Development | 3 | C | |
| PAF 302: Public Service Research Methods | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ PAF 460: Public Service Ethics | 3 | C | <ul style="list-style-type: none"> • Successful completion of PAF 484 will satisfy the college Solution-Based Learning (SBL) Requirement |
| ★ PAF 484: Internship | 3 | Y | |
| NLM 430: Managing Nonprofit Organizations (L) OR NLM 310: Volunteer Management OR NLM 410: Social Entrepreneurship | 3 | C | |
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ PAF 400: Senior Capstone Project | 3 | C | |
| Complete 3 courses: Upper Division Elective | 9 | | |
| Term hours subtotal: | 12 | | |

- For the Interdisciplinary Requirement: Students must complete one SBL course by degree completion.
 - NLM 160 satisfies part of the college's interdisciplinary requirement. Students must choose one additional class from the areas below to complete the requirement.
 - Students can choose one course from any of the three Interdisciplinary areas/track groups.
- Successful

For the Solution-Based Learning (SBL) College
Requirement:

Hide Course List(s)/Track Group(s)

| Interdisciplinary Requirement-Area 1 | Interdisciplinary Requirement-Area 2 | Interdisciplinary Requirement-Area 3 |
|--|---|--------------------------------------|
| CRJ 100: Introduction to Criminal Justice (SB) | SWU 171: Introduction to Social Work (SB & H) | CPP Elective |
| CRJ 201: Criminal Justice Crime Control Policies and Practices | SWU 180: Introduction to Lesbian Gay Bisexual and Transgender (LGBT) Studies (SB & C) | |
| CRJ 203: Courts and Sentencing | | |
| CRJ 204: Juvenile Justice | SWU 181: Economics: A Social Issues Perspective | |
| CRJ 230: Introduction to Policing | | |
| CRJ 240: Introduction to Corrections | SWU 182: Social Services Perspective of Government (SB) | |
| CRJ 260: Substantive Criminal Law | SWU 183: Introductory Ethics: A Social Issues Perspectives (HU) | |
| CRJ 270: Community Justice (SB) | SWU 250: Stress Management Tools I (SB) | |
| CRJ 305: Gender Crime and Criminal Justice (C) | SWU 349: Stress Management Tools II (SB) | |
| CRJ 306: Race Ethnicity Crime and Criminal Justice (C) | SWU 456: Immigrants and Refugees (C) | |
| CRJ 309: Criminology (SB) | SWU 458: Behavioral Health Services | |
| CRJ 350: Law and Social Control (SB) | SWU 459: Spirituality and the Helping Professions | |
| | SWU 460: Legal Issues in Social Work | |
| | SWU 461: Lesbian Gay Bisexual Transgender and Queer Issues (C) | |

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.











2020 - 2021 Major Map

Public Service and Public Policy (Parks and Recreation Management), BS

School/College: Watts College of Public Service & Community Solut

Location: Downtown Phoenix campus

PPPAPRMBS

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  SOC 101: Introductory Sociology (SB) | 3 | C | <ul style="list-style-type: none"> • PRM 120 satisfies part of the college's interdisciplinary requirement. • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • ASU 101 is for ASU freshman students only and is not required for transfer students |
| ASU 101-CPP: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| PRM 120: Leisure and the Quality of Life (SB) | 3 | C | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Elective | 3 | | |
| Milestone: Meet with an academic advisor | | | |
| Term hours subtotal: | 16 | | |
| | | | |
| Term 2 16 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  POS 110: American Government and Politics (SB) | 3 | C | <ul style="list-style-type: none"> • Build your professional connections --- join the ASU Mentor Network |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |
| Term 3 32 - 48 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  PAF 200: Public Service and Policy in the 21st Century | 3 | C | <ul style="list-style-type: none"> • For the Interdisciplinary Requirement: PRM 120 satisfies part of the college's interdisciplinary requirement. Students must choose one additional class from the areas below to complete the requirement. Students can choose one course from any of the three Interdisciplinary areas/track groups. • Develop your skills |
| ENG 216: Persuasive Writing on Public Issues (L) | 3 | C | |
| Interdisciplinary Requirement | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Elective | 3 | | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |
| Term 4 48 - 63 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  PAF 201: Economics and Public Policy (SB) | 3 | C | <ul style="list-style-type: none"> • Explore an internship |
| COM 225: Public Speaking (L) | 3 | C | |
| POS OR CRJ OR NLM OR JUS OR MGT OR SOC OR SWU OR SGS OR SOS OR HST Elective | 3 | C | |

| | |
|---|----|
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 |
| Elective | 3 |
| Term hours subtotal: | 15 |

| Term 5 63 - 78 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ PAF 311: Leadership and Change (SB) | 3 | C | <ul style="list-style-type: none"> • Successful completion of PRM 203 will satisfy the college Solution-Based Learning (SBL) Requirement • Develop your professional online presence |
| PAF 301: Applied Statistics (CS) | 3 | C | |
| PRM 203: Program Planning | 3 | C | |
| Upper Division Elective | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ PAF 340: Contemporary Policy Challenges | 3 | C | <ul style="list-style-type: none"> • Complete an in person or virtual practice interview |
| PAF 302: Public Service Research Methods | 3 | C | |
| PRM 145: Special Events Management OR PRM 315: Community Recreation Systems OR PRM 370: Public Lands Management OR PRM 380: Wilderness and Parks in America (SB & H) | 3 | C | |
| Complete 2 courses: Upper Division Elective | 6 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ PAF 460: Public Service Ethics | 3 | C | <ul style="list-style-type: none"> • Successful completion of PAF 484 will satisfy the college Solution-Based Learning (SBL) Requirement |
| ★ PAF 484: Internship | 3 | Y | |
| PRM 145: Special Events Management OR PRM 315: Community Recreation Systems OR PRM 370: Public Lands Management OR PRM 380: Wilderness and Parks in America (SB & H) | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ PAF 400: Senior Capstone Project | 3 | C | |
| Complete 3 courses: Upper Division Elective | 9 | | |
| Term hours subtotal: | 12 | | |

- For the Interdisciplinary Requirement:
 - PRM 120 satisfies part of the college's interdisciplinary requirement. Students must choose one additional class from the areas below to complete the requirement.
 - Students can choose one course from any of the three Interdisciplinary areas/track groups.

For the Solution-Based Learning (SBL) College Requirement:

- Students must complete one SBL course by degree completion.
- Successful completion of PRM 203 or PAF 484 will satisfy the SBL Requirement.

Hide Course List(s)/Track Group(s)

| Interdisciplinary Requirement-Area 1 | Interdisciplinary Requirement-Area 2 | Interdisciplinary Requirement-Area 3 |
|--|---|--------------------------------------|
| CRJ 100: Introduction to Criminal Justice (SB) | SWU 171: Introduction to Social Work (SB & H) | CPP Elective |
| CRJ 201: Criminal Justice Crime Control Policies and Practices | SWU 180: Introduction to Lesbian Gay Bisexual and Transgender (LGBT) Studies (SB & C) | |
| CRJ 203: Courts and Sentencing | SWU 181: Economics: A Social Issues Perspective | |
| CRJ 204: Juvenile Justice | SWU 182: Social Services Perspective of Government (SB) | |
| CRJ 230: Introduction to Policing | SWU 183: Introductory Ethics: A Social Issues Perspectives (HU) | |
| CRJ 240: Introduction to Corrections | SWU 250: Stress Management Tools I (SB) | |
| CRJ 260: Substantive Criminal Law | SWU 349: Stress Management Tools II (SB) | |
| CRJ 270: Community Justice (SB) | SWU 456: Immigrants and Refugees (C) | |
| CRJ 305: Gender Crime and Criminal Justice (C) | SWU 458: Behavioral Health Services | |
| CRJ 306: Race Ethnicity Crime and Criminal Justice (C) | SWU 459: Spirituality and the Helping Professions | |
| CRJ 309: Criminology (SB) | SWU 460: Legal Issues in Social Work | |
| CRJ 350: Law and Social Control (SB) | SWU 461: Lesbian Gay Bisexual Transgender and Queer Issues (C) | |

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

- General Studies Core Requirements:
- Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - Computer/Statistics/Quantitative Applications (CS)
 - Humanities, Arts and Design (HU)
 - Social-Behavioral Sciences (SB)
 - Natural Science - Quantitative (SQ)
 - Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map




Public Service and Public Policy (Science and Technology Policy), BS




School/College: Watts College of Public Service & Community Solut



Location: Downtown Phoenix campus

PPPAFSTBS

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  SOC 101: Introductory Sociology (SB) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment Score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups. |
| ASU 101-CPP: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| Complete 2 courses: | | | |
| Interdisciplinary Requirement | 6 | | |
| Cultural Diversity in the U.S. (C) | 3 | | |
| Milestone: Meet with an academic advisor | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  POS 110: American Government and Politics (SB) | 3 | C | <ul style="list-style-type: none"> • Build your professional connections --- join the ASU Mentor Network |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 48 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  PAF 200: Public Service and Policy in the 21st Century | 3 | C | <ul style="list-style-type: none"> • Develop your skills |
| ENG 216: Persuasive Writing on Public Issues (L) | 3 | C | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 48 - 63 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  PAF 201: Economics and Public Policy (SB) | 3 | C | <ul style="list-style-type: none"> • Explore an internship |
| COM 225: Public Speaking (L) | 3 | C | |

POS OR CRJ OR NLM OR JUS OR MGT OR SOC OR SWU OR
SGS OR SOS OR HST Elective

3 C

Complete 2 courses:

Elective 6

Term hours subtotal: 15

| Term 5 63 - 78 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

★ PAF 311: Leadership and Change (SB)

3 C

PAF 301: Applied Statistics (CS)

3 C

Upper Division Science & Technology Concentration Course

3 C

Complete 2 courses:

Elective 6

Term hours subtotal: 15

- Develop your professional online presence

| Term 6 78 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

★ PAF 340: Contemporary Policy Challenges

3 C

PAF 302: Public Service Research Methods

3 C

Complete 2 courses:

Upper Division Science & Technology Concentration Course 6 C

Elective 3

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal: 15

- Complete an in person or virtual practice interview

| Term 7 93 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

★ PAF 460: Public Service Ethics

3 C

★ PAF 484: Internship

3 Y

Upper Division Science & Technology Concentration Course

3 C

Upper Division Literacy and Critical Inquiry (L)

3

Elective 3

Term hours subtotal: 15

- Successful completion of PAF 484 will satisfy the college Solution-Based Learning (SBL) Requirement

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

★ PAF 400: Senior Capstone Project

3 C

Complete 3 courses:

Upper Division Elective 9

Term hours subtotal: 12

- For the Interdisciplinary Requirement:
 - Students can choose courses from any of the four Interdisciplinary areas/track groups.
 - To meet the requirement, students must take two courses from at least two different groups.

For the Solution-Based Learning (SBL) College Requirement:

- Students must complete one SBL course by degree completion.
- Successful completion of PAF 484 will satisfy the SBL Requirement.

Hide Course List(s)/Track Group(s)

| Interdisciplinary Requirement-Area 1 | Interdisciplinary Requirement - Area 2 | Interdisciplinary Requirement-Area 3 |
|--|--|---|
| CRJ 100: Introduction to Criminal Justice (SB) | CSM 201: Introduction to Community Sports | SWU 171: Introduction to Social Work (SB & H) |
| CRJ 201: Criminal Justice Crime Control Policies and Practices | NLM 160: Voluntary Action and Community Leadership (SB) | SWU 180: Introduction to Lesbian Gay Bisexual and Transgender (LGBT) Studies (SB & C) |
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| CRJ 204: Juvenile Justice | PRM 120: Leisure and the Quality of Life (SB) | SWU 182: Social Services Perspective of Government (SB) |
| CRJ 230: Introduction to Policing | PRM 364: Foundations of Recreation Therapy (SB) | SWU 183: Introductory Ethics: A Social Issues Perspectives (HU) |
| CRJ 240: Introduction to Corrections | PRM 380: Wilderness and Parks in America (SB & H) | SWU 250: Stress Management Tools I (SB) |
| CRJ 260: Substantive Criminal Law | TDM 205: Introduction to Travel and Tourism (G) | SWU 349: Stress Management Tools II (SB) |
| CRJ 270: Community Justice (SB) | TDM 458: International Tourism (G) | SWU 456: Immigrants and Refugees (C) |
| CRJ 305: Gender Crime and Criminal Justice (C) | | SWU 458: Behavioral Health Services |
| CRJ 306: Race Ethnicity Crime and Criminal Justice (C) | | SWU 459: Spirituality and the Helping Professions |
| CRJ 309: Criminology (SB) | | SWU 460: Legal Issues in Social Work |
| CRJ 350: Law and Social Control (SB) | | SWU 461: Lesbian Gay Bisexual Transgender and Queer Issues (C) |
| Interdisciplinary Requirement-Area 4 | Science & Technology Concentration Courses | |
| CPP Elective | BIO 312: Bioethics (HU) | |
| | FIS 336: Science and Technology Policy | |
| | GPH 314: Global Change (HU & G) | |
| | HON 494: Law Science and Technology | |
| | JUS 334: Science Technology and Inequality (C) | |
| | PAF 350: Introduction to Science & Technology Policy | |
| | POS 300: Contemporary Global Controversies (SB & G) | |
| | POS 364: National Security Intelligence and Terrorism (SB) | |
| | POS 394: Global Environmental Politics | |
| | STS 325: Science Technology and Public Policy (SB) | |
| | WST 340: Gender Science and Technology (SB) | |

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map




Public Service and Public Policy (Social Services Delivery), BS




School/College: Watts College of Public Service & Community Solut



Location: Downtown Phoenix campus

PPPAFSSBS

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  SOC 101: Introductory Sociology (SB) | 3 | C | <ul style="list-style-type: none"> • SWU 171 satisfies part of the college's interdisciplinary requirement. • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • ASU 101 is for ASU freshman students only and is not required for transfer students |
| ASU 101-CPP: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| PHI 101: Introduction to Philosophy (HU) | 3 | C | |
| SWU 171: Introduction to Social Work (SB & H) | 3 | C | |
| Elective | 3 | | |
| Milestone: Meet with an academic advisor | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  POS 110: American Government and Politics (SB) | 3 | C | <ul style="list-style-type: none"> • Build your professional connections --- join the ASU Mentor Network |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 48 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  PAF 200: Public Service and Policy in the 21st Century | 3 | C | <ul style="list-style-type: none"> • Successful completion of SWU 291 will satisfy the college Solution-Based Learning (SBL) Requirement • Develop your skills |
| ENG 216: Persuasive Writing on Public Issues (L) | 3 | C | |
| SWU 291: Social Service Delivery Systems | 3 | C | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 48 - 63 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  PAF 201: Economics and Public Policy (SB) | 3 | C | <ul style="list-style-type: none"> • For the Interdisciplinary Requirement: SWU 171 satisfies part of the college's interdisciplinary requirement. Students must choose one additional class from the areas below |
| COM 225: Public Speaking (L) | 3 | C | |
| SWU 295: Foundations of Social Work Practice (SB & C) | 3 | C | |
| Interdisciplinary Requirement | 3 | | |

| | |
|----------------------|----|
| Elective | 3 |
| Term hours subtotal: | 15 |

to complete the requirement. Students can choose one course from any of the three Interdisciplinary areas/track groups.

- Explore an **internship**

| Term 5 63 - 78 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ PAF 311: Leadership and Change (SB) | 3 | C | • Develop your professional online presence |
| PAF 301: Applied Statistics (CS) | 3 | C | |
| SWU 306: Ethics in Social Services (L) | 3 | C | |
| Complete 2 courses: | 6 | | |
| Elective | | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ PAF 340: Contemporary Policy Challenges | 3 | C | • Complete an in person or virtual practice interview |
| PAF 302: Public Service Research Methods | 3 | C | |
| SWU 311: Integrative Social Work Practice | 3 | C | |
| SWU 312: Integrative Social Work Practice Skills | 3 | C | |
| Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ PAF 460: Public Service Ethics | 3 | C | • Successful completion of PAF 484 will satisfy the college Solution-Based Learning (SBL) Requirement |
| ★ PAF 484: Internship | 3 | Y | |
| SWU 303: Micro Human Behavior and the Social Environment (L or SB) | 3 | C | |
| Complete 2 courses: | 6 | | |
| Upper Division Elective | | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ PAF 400: Senior Capstone Project | 3 | C | |
| POS OR CRJ OR NLM OR JUS OR MGT OR SOC OR SWU OR SGS OR SOS OR HST Elective | 3 | C | |
| Complete 2 courses: | 6 | | |
| Upper Division Elective | | | |
| Term hours subtotal: | 12 | | |

- For the Interdisciplinary Requirement:
 - SWU 171 satisfies part of the college's interdisciplinary requirement. Students must choose one additional class from the areas below to complete the requirement.
 - Students can choose one course from any of the three Interdisciplinary areas/track groups.

For the Solution-Based Learning (SBL) College Requirement:

- Students must complete one SBL course by degree completion.
- Successful completion of SWU 291 or PAF 484 will satisfy the SBL Requirement.

Hide Course List(s)/Track Group(s)

| Interdisciplinary Requirement-Area 1 | Interdisciplinary Requirement - Area 2 | Interdisciplinary Requirement-Area 3 |
|--|---|--------------------------------------|
| CRJ 100: Introduction to Criminal Justice (SB) | CSM 201: Introduction to Community Sports | CPP Elective |
| CRJ 201: Criminal Justice Crime Control Policies and Practices | NLM 160: Voluntary Action and Community Leadership (SB) | |
| CRJ 203: Courts and Sentencing | NLM 220: Introduction to Nonprofit Organizations | |
| CRJ 204: Juvenile Justice | PRM 120: Leisure and the Quality of Life (SB) | |
| CRJ 230: Introduction to Policing | PRM 364: Foundations of Recreation Therapy (SB) | |
| CRJ 260: Substantive Criminal Law | PRM 380: Wilderness and Parks in America (SB & H) | |
| CRJ 240: Introduction to Corrections | TDM 205: Introduction to Travel and Tourism (G) | |
| CRJ 270: Community Justice (SB) | TDM 458: International Tourism (G) | |
| CRJ 305: Gender Crime and Criminal Justice (C) | | |
| CRJ 306: Race Ethnicity Crime and Criminal Justice (C) | | |
| CRJ 309: Criminology (SB) | | |
| CRJ 350: Law and Social Control (SB) | | |

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map




Public Service and Public Policy (Sustainability), BS




School/College: Watts College of Public Service & Community Solut



Location: Downtown Phoenix campus

PPPAFSBS

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  SOC 101: Introductory Sociology (SB) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • ASU 101 is for ASU freshman students only and is not required for transfer students • For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups. |
| ASU 101-CPP: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| SOS 110: Sustainable World (SB) | 3 | C | |
| <i>Complete 2 courses:</i> | | | |
| Interdisciplinary Requirement | 6 | | |
| Milestone: Meet with an academic advisor | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  POS 110: American Government and Politics (SB) | 3 | C | <ul style="list-style-type: none"> • Build your professional connections --- join the ASU Mentor Network |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| SOS 111: Sustainable Cities ((HU or SB) & G) | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 48 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  PAF 200: Public Service and Policy in the 21st Century | 3 | C | <ul style="list-style-type: none"> • Develop your skills |
| ENG 216: Persuasive Writing on Public Issues (L) | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 48 - 63 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  PAF 201: Economics and Public Policy (SB) | 3 | C | <ul style="list-style-type: none"> • Explore an internship |
| COM 225: Public Speaking (L) | 3 | C | |

| | | |
|--|----|---|
| POS OR CRJ OR NLM OR JUS OR MGT OR SOC OR SWU OR SGS OR SOS OR HST Elective | 3 | C |
| Cultural Diversity in the U.S. (C) | 3 | |
| Elective | 3 | |
| Term hours subtotal: | 15 | |

| Term 5 63 - 78 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ PAF 311: Leadership and Change (SB) | 3 | C | • Develop your professional online presence |
| PAF 301: Applied Statistics (CS) | 3 | C | |
| Complete 3 courses: Elective | 9 | | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ PAF 340: Contemporary Policy Challenges | 3 | C | • Complete an in person or virtual practice interview |
| PAF 302: Public Service Research Methods | 3 | C | |
| Complete 2 courses: Upper Division Sustainability Concentration Elective | 6 | C | |
| Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ PAF 460: Public Service Ethics | 3 | C | • Successful completion of PAF 484 will satisfy the college Solution-Based Learning (SBL) Requirement |
| ★ PAF 484: Internship | 3 | Y | |
| Upper Division Sustainability Concentration Elective | 3 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ PAF 400: Senior Capstone Project | 3 | C | |
| Complete 3 courses: Upper Division Elective | 9 | | |
| Term hours subtotal: | 12 | | |

- For the Interdisciplinary Requirement:
 - Students can choose courses from any of the four Interdisciplinary areas/track groups.
 - To meet the requirement, students must take two courses from at least two different groups.
- For the Solution-Based Learning (SBL) College Requirement:
 - Students must complete one SBL course by degree completion.
 - Successful completion of PAF 484 will satisfy the SBL Requirement.

| Interdisciplinary Requirement-Area 1 | Interdisciplinary Requirement-Area 2 | Interdisciplinary Requirement-Area 3 |
|--|---|---|
| CRJ 100: Introduction to Criminal Justice (SB) | SWU 171: Introduction to Social Work (SB & H) | CSM 201: Introduction to Community Sports |
| CRJ 201: Criminal Justice Crime Control Policies and Practices | SWU 180: Introduction to Lesbian Gay Bisexual and Transgender (LGBT) Studies (SB & C) | NLM 160: Voluntary Action and Community Leadership (SB) |
| CRJ 203: Courts and Sentencing | SWU 181: Economics: A Social Issues Perspective | NLM 220: Introduction to Nonprofit Organizations |
| CRJ 204: Juvenile Justice | SWU 182: Social Services Perspective of Government (SB) | PRM 120: Leisure and the Quality of Life (SB) |
| CRJ 230: Introduction to Policing | SWU 183: Introductory Ethics: A Social Issues Perspectives (HU) | PRM 364: Foundations of Recreation Therapy (SB) |
| CRJ 240: Introduction to Corrections | SWU 250: Stress Management Tools I (SB) | PRM 380: Wilderness and Parks in America (SB & H) |
| CRJ 260: Substantive Criminal Law | SWU 349: Stress Management Tools II (SB) | TDM 205: Introduction to Travel and Tourism (G) |
| CRJ 270: Community Justice (SB) | SWU 456: Immigrants and Refugees (C) | TDM 458: International Tourism (G) |
| CRJ 305: Gender Crime and Criminal Justice (C) | SWU 458: Behavioral Health Services | |
| CRJ 306: Race Ethnicity Crime and Criminal Justice (C) | SWU 459: Spirituality and the Helping Professions | |
| CRJ 309: Criminology (SB) | SWU 460: Legal Issues in Social Work | |
| CRJ 350: Law and Social Control (SB) | SWU 461: Lesbian Gay Bisexual Transgender and Queer Issues (C) | |
| | | |
| Interdisciplinary Requirement-Area 4 | Sustainability Concentration Electives | |
| CPP Elective | SOS 320: Society and Sustainability (L or SB) | |
| | SOS 321: Policy and Governance in Sustainable Systems | |
| | SOS 322: International Development and Sustainability | |
| | SOS 323: Sustainable Urban Dynamics | |
| | SOS 324: Sustainable Energy Technology and Systems | |
| | SOS 325: The Economics of Sustainability | |
| | SOS 326: Sustainable Ecosystems | |
| | SOS 327: Sustainable Food and Farms | |

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)

- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.





2020 - 2021 Major Map




Recreation Therapy, BS




School/College: Watts College of Public Service & Community Solut

Location: Downtown Phoenix campus

PPRECTBS

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • ASU 101 is for ASU freshman students only and is not required for transfer students • For the Interdisciplinary Requirement: SWU 183 (term 3) satisfies part of the college's Interdisciplinary requirement. Students must choose one additional class from the areas below to complete the requirement, Students can choose one course from any of the three Interdisciplinary areas/track groups to meet this requirement. • Secure experience to start your 200 career field exploration hours |
|  PRM 120: Leisure and the Quality of Life (SB) | 3 | C | |
| ASU 101-CPP: The ASU Experience | 1 | | |
| KIN 101: Introduction to Kinesiology | 3 | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Interdisciplinary Requirement | 3 | | |
| Milestone: Meet with an academic advisor to discuss requirement of 200 career field exploration hours. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  CRD 210: Community Services and Professions | 3 | C | <ul style="list-style-type: none"> • Secure experience to start your 200 career field exploration hours • Activate your Handshake account and build out your profile. |
| ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| BIO 160: Introduction to Anatomy and Physiology (SQ) | 4 | | |
| PSY 101: Introduction to Psychology (SB) | 3 | C | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 48 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  COM 225: Public Speaking (L) | 3 | C | <ul style="list-style-type: none"> • Successful completion of PRM 203 will satisfy the college Solution-Based Learning (SBL) Requirement • Build your professional connections --- join the ASU Mentor Network • Secure experience to continue your 200 career field exploration hours |
| BIO 201: Human Anatomy and Physiology I (SG) | 4 | C | |
| PRM 203: Program Planning | 3 | | |
| SWU 183: Introductory Ethics: A Social Issues Perspectives (HU) | 3 | C | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| | | Minimum | |
|--|--|---------|--|
|--|--|---------|--|

| Term 4 48 - 61 Credit Hours Critical course signified by ⚠ | Hours | Grade | Notes |
|---|-------|-------|--|
| ⚠ CDE 232: Human Development (SB) | 3 | C | <ul style="list-style-type: none"> Secure volunteer experience to start your 200 career field exploration hours Explore Child Life BIO 202 is recommended for students seeking graduate education in health professions |
| Historical Awareness (H) | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Elective (BIO 202 recommended) | 4 | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 13 | | |

| Term 5 61 - 77 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ PRM 304: Recreation Planning and Facility Development (L) | 3 | C | <ul style="list-style-type: none"> PRM 304 - offered Fall semester only Develop your skills Secure experience to continue your 200 career field exploration hours |
| PRM 306: Advanced Programming and Facilitation | 3 | C | |
| PRM 364: Foundations of Recreation Therapy (SB) | 3 | C | |
| PSY 366: Abnormal Psychology (SB) | 3 | C | |
| SSP 315: Exercise and Sport Physiology AND SSP 316: Exercise and Sport Physiology Laboratory | 4 | | |
| Term hours subtotal: | 16 | | |

| Term 6 77 - 92 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ CRD 301: Sustainable Communities | 3 | C | <ul style="list-style-type: none"> Successful completion of CRD 301 will satisfy the college Solution-Based Learning (SBL) Requirement Develop your professional online presence PRM 400, PRM 406 and PRM 450 - offered Spring semester only Secure experience to continue your 200 career field exploration hours |
| ★ PRM 406: Program Design and Administration in Recreation Therapy | 3 | C | |
| CRD 302: Inclusive Community Development (SB & C) | 3 | C | |
| PRM 400: Intervention Techniques in Recreation Therapy | 3 | C | |
| PRM 450: Therapeutic Recreation and Community Health | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 92 - 107 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ PRM 402: Assessment and Evaluation of Community Services | 3 | C | <ul style="list-style-type: none"> Successful completion of PRM 402 will satisfy the college Solution-Based Learning (SBL) Requirement Use Handshake to research employment/internship opportunities PRM 460 - offered Fall semester only Explore Handshake Resources to complete your 200 career field exploration hours |
| PRM 384: Recreational Therapy Practicum | 3 | C | |
| PRM 413: Leadership and Professional Development in Recreation Therapy | 3 | C | |
| PRM 460: Assessment & Documentation in Recreation Therapy | 3 | C | |
| PRM-TR Elective | 3 | C | |
| Term hours subtotal: | 15 | | |

| Term 8 107 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ PRM 463: Senior Internship | 12 | C | <ul style="list-style-type: none"> Successful completion of PRM 463 will satisfy the college Solution-Based Learning (SBL) Requirement |
| Elective | 1 | | |
| Term hours subtotal: | 13 | | |

• For the Solution-Based Learning (SBL) College Requirement:

- Students must complete one SBL course by degree completion.
- Successful completion of PRM 203, CRD 301, PRM 402, or PRM 463 will satisfy the SBL Requirement.

For the Interdisciplinary Requirement:

- SWU 183 satisfies part of the college's Interdisciplinary requirement. Students must choose one additional class from the areas below to complete the requirement.
- Students can choose one course from any of the three Interdisciplinary areas/track groups to meet this requirement.

Hide Course List(s)/Track Group(s)

| Public Service Interdisciplinary Requirement-Area 1 | Interdisciplinary Requirement-Area 2 | Interdisciplinary Requirement-Area 3 |
|--|--|--------------------------------------|
| CRJ 100: Introduction to Criminal Justice (SB) | PAF 200: Public Service and Policy in the 21st Century | CPP Elective |
| CRJ 201: Criminal Justice Crime Control Policies and Practices | PAF 201: Economics and Public Policy (SB) | |
| CRJ 203: Courts and Sentencing | PAF 240: Urban Policy (C) | |
| CRJ 204: Juvenile Justice | PAF 311: Leadership and Change (SB) | |
| CRJ 230: Introduction to Policing | PAF 410: Building Leadership Skills (SB) | |
| CRJ 240: Introduction to Corrections | | |
| CRJ 260: Substantive Criminal Law | | |
| CRJ 270: Community Justice (SB) | | |
| CRJ 305: Gender Crime and Criminal Justice (C) | | |
| CRJ 306: Race Ethnicity Crime and Criminal Justice (C) | | |
| CRJ 309: Criminology (SB) | | |
| CRJ 350: Law and Social Control (SB) | | |
| PRM-TR Elective (Choose one course) | | |
| PRM 455: Recreational Therapy with Children Youth and Families | | |
| NLM 300: Fund Raising and Resource Development | | |
| NLM 310: Volunteer Management | | |
| PRM 335: Sports and Recreation for Youth Development | | |
| PRM 380: Wilderness and Parks in America (SB & H) | | |
| PRM 494: Special Topics | | |
| PRM 453: Inclusive and Adaptive Sports and Recreation | | |
| PRM 440: Advocacy in Therapeutic Recreation | | |

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
**Hrs Resident Credit for
Academic Recognition:** 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition




General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map



Social Work, BSW

School/College: Watts College of Public Service & Community Solut

Location: Downtown Phoenix campus, West campus, ASU@Tucson
PPSWUSWU

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  SWU 171: Introduction to Social Work (SB & H) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • ASU 101 is for ASU freshman students only and is not required for transfer students • For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups. |
|  PSY 101: Introduction to Psychology (SB) OR SOC 101: Introductory Sociology (SB) | 3 | | |
| ASU 101-CPP: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Interdisciplinary Requirement | 3 | | |
| Milestone: Meet with an academic advisor | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 33 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  PHI 101: Introduction to Philosophy (HU) OR PHI 105: Intro to Ethics (HU) OR SWU 183: Introductory Ethics: A Social Issues Perspectives (HU) | 3 | | <ul style="list-style-type: none"> • Cultural Diversity Sequence - any course at ASU that carries the "C - Cultural Diversity in the United States" General Studies designation, will satisfy this requirement. • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. • By the end of term four, students should have completed the following requirements: <ol style="list-style-type: none"> 1. ECN 211 or SWU 181 2. PHI 101 or PHI 105 or SWU 183 3. POS 110 or SWU 182 • Join a student club or professional organization. |
| ECN 211: Macroeconomic Principles (SB) OR SWU 181: Economics: A Social Issues Perspective | 3 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Cultural Diversity Sequence OR Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4-3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 17-16 | | |

| Term 3 33 - 47 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  POS 110: American Government and Politics (SB) OR SWU 182: Social Services Perspective of Government (SB) | 3 | | <ul style="list-style-type: none"> • Cultural Diversity Sequence - any course at ASU that carries the "C - Cultural Diversity in the United States" General Studies designation, will satisfy this requirement. • By the end of term four, students should have completed the following requirements: |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Cultural Diversity Sequence OR Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4-3 | | |

| | |
|--|-----|
| Elective | 3-4 |
| 🚩 Complete Mathematics (MA) requirement. | |
| Term hours subtotal: | 14 |

1. ECN 211 or SWU 181
 2. PHI 101 or PHI 105 or SWU 183
 3. POS 110 or SWU 182
- Develop your **skills**.

| Term 4 47 - 62 Credit Hours Critical course signified by 🚩 | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| 🚩 SWU 291: Social Service Delivery Systems | 3 | C | <ul style="list-style-type: none"> • Cultural Diversity Sequence - any course at ASU that carries the "C - Cultural Diversity in the United States" General Studies designation, will satisfy this requirement. • Successful completion of SWU 291 will satisfy the college Solution-Based Learning (SBL) Requirement |
| 🚩 SWU 295: Foundations of Social Work Practice (SB & C) | 3 | C | |
| Cultural Diversity Sequence OR Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4-3 | | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Elective | 2-3 | | |
| Maintain 2.50 GPA in Major Courses. Minimum 2.00 GPA ASU Cumulative. | | | |
| 🚩 Complete ECN 211 OR SWU 181 course. | | | |
| Term hours subtotal: | 15 | | |

| Term 5 62 - 78 Credit Hours Necessary course signified by ⭐ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ⭐ SWU 306: Ethics in Social Services (L) | 3 | C | <ul style="list-style-type: none"> • Students who have already completed a human biology course may take an upper division elective in place of SWU 302. See your advisor for permission. • Cultural Diversity Sequence - any course at ASU that carries the "C - Cultural Diversity in the United States" General Studies designation, will satisfy this requirement. • Develop your professional online presence. |
| ⭐ SWU 311: Integrative Social Work Practice | 3 | C | |
| ⭐ SWU 312: Integrative Social Work Practice Skills | 3 | C | |
| SWU 302: Human Biology for Social Workers | 3 | | |
| Cultural Diversity Sequence OR Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4-3 | | |
| Milestone: Apply for Level 1 fingerprint clearance card. | | | |
| Maintain 3.00 GPA in Major Courses. Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16-15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by ⭐ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ⭐ SWU 303: Micro Human Behavior and the Social Environment (L or SB) | 3 | C | <ul style="list-style-type: none"> • BSW Advancement: Successful completion of: SWU 171 SWU 295 SWU 291 SWU 306 SWU 311 SWU 312 Documented completion of 40 hours human services experience, Level 1 Fingerprint Clearance Card, Signed Standards of Professional and Ethical Behavior form. • For the Interdisciplinary Requirement: Students can choose courses from any of the |
| ⭐ SWU 340: Macro Human Behavior and the Social Environment (SB) | 3 | C | |
| ⭐ SWU 374: Diversity and Oppression in a Social Work Context (C) | 3 | C | |
| SWU 321: Statistics for Social Workers (CS) | 3 | | |
| Interdisciplinary Requirement | 3 | | |
| ⭐ Milestone: Completion of all lower-division university general studies requirements. | | | |
| ⭐ Milestone: Submit materials for BSW advancement. | | | |
| ⭐ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Maintain 3.00 GPA in Major Courses. | | | |

Minimum 2.00 GPA ASU Cumulative.

Term hours subtotal: 15

four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups.

- Use Handshake to research **employment opportunities**.

| Term 7 93 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ SWU 320: Research Methods in Social Work | 3 | C | <ul style="list-style-type: none"> • Successful completion of SWU 412 will satisfy the college Solution-Based Learning (SBL) Requirement. • Apply for full-time career opportunities. • To maintain BSW Professional Program status, students must sustain an overall GPA of 2.0 and SW GPA of 2.75 with no grade lower than a C. |
| ★ SWU 410: Social Work Practice II | 3 | C | |
| ★ SWU 412: Field Instruction I | 3 | C | |
| ★ SWU 413: Field Instruction Seminar | 3 | C | |
| ★ SWU 432: Social Policy and Services | 3 | C | |
| Maintain 2.75 GPA in Major Courses. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ SWU 411: Social Work Practice III | 3 | C | <ul style="list-style-type: none"> • Successful completion of SWU 414 will satisfy the college Solution-Based Learning (SBL) Requirement • To maintain BSW Professional Program status, students must sustain an overall GPA of 2.0 and SW GPA of 2.75 with no grade lower than a C. • Students select one course from the BSW Area of Interest course list below. |
| ★ SWU 414: Field Instruction II | 3 | C | |
| ★ SWU 415: Integrative Field Seminar | 3 | C | |
| BSW Area of Interest | 3 | C | |
| Maintain 2.75 GPA in Major Courses. | | | |
| Minimum 2.00 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 12 | | |

- For the Interdisciplinary Requirement:

- Students can choose courses from any of the four Interdisciplinary areas/track groups.
- To meet the requirement, students must take two courses from at least two different groups.

For the Solution-Based Learning (SBL) College Requirement:

- Students must complete one SBL course by degree completion.
- Successful completion of SWU 291, SWU 412, or SWU 414 will satisfy the SBL Requirement.

Hide Course List(s)/Track Group(s)

| Interdisciplinary Requirement-Area 1 | Interdisciplinary Requirement-Area 2 | Interdisciplinary Requirement-Area 3 |
|--|--|---|
| CRJ 100: Introduction to Criminal Justice (SB) | PAF 200: Public Service and Policy in the 21st Century | CSM 201: Introduction to Community Sports |
| CRJ 201: Criminal Justice Crime Control Policies and Practices | PAF 201: Economics and Public Policy (SB) | NLM 160: Voluntary Action and Community Leadership (SB) |
| CRJ 203: Courts and Sentencing | PAF 240: Urban Policy (C) | NLM 220: Introduction to Nonprofit Organizations |
| CRJ 204: Juvenile Justice | PAF 311: Leadership and Change (SB) | PRM 120: Leisure and the Quality of Life (SB) |
| CRJ 230: Introduction to Policing | PAF 410: Building Leadership Skills (SB) | PRM 364: Foundations of Recreation Therapy (SB) |
| CRJ 240: Introduction to Corrections | | |

CRJ 260: Substantive Criminal Law

CRJ 270: Community Justice (SB)

CRJ 305: Gender Crime and Criminal Justice (C)

CRJ 306: Race Ethnicity Crime and Criminal Justice (C)

CRJ 309: Criminology (SB)

CRJ 350: Law and Social Control (SB)

PRM 380: Wilderness and Parks in America (SB & H)

TDM 205: Introduction to Travel and Tourism (G)

TDM 458: International Tourism (G)

| Interdisciplinary Requirement-Area 4 | BSW Area of Interest |
|--------------------------------------|---|
| CPP Elective | SWU 416: Domestic Violence and National AmeriCorps Service |
| | SWU 417: Technology Interpersonal Relationships and Abuse |
| | SWU 418: Global Violence Against Women |
| | SWU 442: Introduction to Practice with Children and Families in Child Welfare |
| | SWU 454: Overview of Addictions |
| | SWU 456: Immigrants and Refugees (C) |
| | SWU 457: Southwest Borderland Immigration Issues (C) |
| | SWU 458: Behavioral Health Services |
| | SWU 459: Spirituality and the Helping Professions |
| | SWU 460: Legal Issues in Social Work |
| | SWU 461: Lesbian Gay Bisexual Transgender and Queer Issues (C) |
| | SWU 462: Global Social Welfare (G) |
| | SWU 488: Advocacy Strategies |
| SWU 498: Pro-Seminar (L) | |

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.75 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.










2020 - 2021 Major Map

Tourism Development and Management, BS

School/College: Watts College of Public Service & Community Solut

Location: Downtown Phoenix campus

PPTDMBS

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes | |
|--|-------|---------------|---|--|
|  MAT 142: College Mathematics (MA) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • ASU 101 is for ASU freshman students only and is not required for transfer students • For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups. • Secure experienceto start your 200 career field exploration hours | |
|  PRM 120: Leisure and the Quality of Life (SB) | 3 | C | | |
| ASU 101-CPP: The ASU Experience | 1 | | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | | |
| Interdisciplinary Requirement | 3 | | | |
| Humanities, Arts and Design (HU) | 3 | | | |
| Milestone: Meet with an academic advisor to discuss requirement of 200 career field exploration hours. | | | | |
| Term hours subtotal: | 16 | | | |
| Term 2 16 - 32 Credit Hours Critical course signified by  | | | | |
|  TDM 205: Introduction to Travel and Tourism (G) | 3 | C | | <ul style="list-style-type: none"> • Build your professional connections --- join the ASU Mentor Network • Secure experienceto start your 200 career field exploration hours |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | | |
| Natural Science - Quantitative (SQ) | 4 | | | |
| Social-Behavioral Sciences (SB) | 3 | | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | | |
| Term hours subtotal: | 16 | | | |
| Term 3 32 - 48 Credit Hours Critical course signified by  | | | | |
|  CRD 210: Community Services and Professions | 3 | C | <ul style="list-style-type: none"> • For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups. • Secure experienceto continue your 200 career field exploration hours | |
| Interdisciplinary Requirement | 3 | | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | | |
| Complete 2 courses: Elective | 6 | | | |
| Complete Mathematics (MA) requirement. | | | | |
| Term hours subtotal: | 16 | | | |
| Term 4 48 - 63 Credit Hours Critical course signified by  | | | | |

| | | |
|---|----|---|
| COM 225: Public Speaking (L) | 3 | C |
| TDM Elective Area | 3 | C |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | |
| Complete 2 courses: Elective | 6 | |
| Minimum 2.50 GPA ASU Cumulative. | | |
| Term hours subtotal: | 15 | |

- Secure **experience** to continue your 200 career field exploration hours

| Term 5 63 - 78 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ CRD 301: Sustainable Communities | 3 | C | <ul style="list-style-type: none"> • Successful completion of CRD 301 or TDM 372 will satisfy the college Solution-Based Learning (SBL) Requirement • Develop your skills • Secure experience to continue your 200 career field exploration hours |
| ★ TDM 372: Tourism Planning (L) | 3 | C | |
| CRD 302: Inclusive Community Development (SB & C) | 3 | C | |
| TDM 350: Tourism, Recreation and Sports Marketing | 3 | C | |
| TDM Elective Area | 3 | C | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ TDM 458: International Tourism (G) | 3 | C | <ul style="list-style-type: none"> • Develop your professional online presence • Secure experience to continue your 200 career field exploration hours • Taking TDM 345 and TDM 356 will yield the Convention Sales and Meeting Planning certificate. |
| TDM 480: Sustainable Tourism | 3 | C | |
| Complete 3 courses: TDM Elective Area | 9 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ CRD 403: Leadership and Professional Development | 3 | C | <ul style="list-style-type: none"> • Successful completion of TDM 402 will satisfy the college Solution-Based Learning (SBL) Requirement • Use Handshake to research employment opportunities • Secure experience to complete your 200 career field exploration hours |
| ★ TDM 402: Assessment and Evaluation of Community Services | 3 | C | |
| TDM 401: Tourism Management | 3 | C | |
| Upper Division TDM Elective Area | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ TDM 463: Senior Internship | 12 | C | <ul style="list-style-type: none"> • Successful completion of TDM 463 will satisfy the college Solution-Based Learning (SBL) Requirement |
| Term hours subtotal: | 12 | | |

- For the Interdisciplinary Requirement:
 - Students can choose courses from any of the four Interdisciplinary areas/track groups.
 - To meet the requirement, students must take two courses from at least two different groups.
- For the Solution-Based Learning (SBL) College Requirement:
 - Students must complete one SBL course by degree completion.

- Successful completion of CRD 301, TDM 372, TDM 402, or TDM 463 will satisfy the SBL Requirement.

Hide Course List(s)/Track Group(s)

| Interdisciplinary Requirement-Area 1 | Interdisciplinary Requirement-Area 2 | Interdisciplinary Requirement - Area 3 |
|--|---|---|
| CRJ 100: Introduction to Criminal Justice (SB) | PAF 200: Public Service and Policy in the 21st Century | SWU 171: Introduction to Social Work (SB & H) |
| CRJ 201: Criminal Justice Crime Control Policies and Practices | PAF 201: Economics and Public Policy (SB) | SWU 180: Introduction to Lesbian Gay Bisexual and Transgender (LGBT) Studies (SB & C) |
| CRJ 203: Courts and Sentencing | PAF 240: Urban Policy (C) | SWU 181: Economics: A Social Issues Perspective |
| CRJ 204: Juvenile Justice | PAF 311: Leadership and Change (SB) | SWU 182: Social Services Perspective of Government (SB) |
| CRJ 230: Introduction to Policing | PAF 410: Building Leadership Skills (SB) | SWU 183: Introductory Ethics: A Social Issues Perspectives (HU) |
| CRJ 240: Introduction to Corrections | | SWU 250: Stress Management Tools I (SB) |
| CRJ 260: Substantive Criminal Law | | SWU 349: Stress Management Tools II (SB) |
| CRJ 270: Community Justice (SB) | | SWU 456: Immigrants and Refugees (C) |
| CRJ 305: Gender Crime and Criminal Justice (C) | | SWU 458: Behavioral Health Services |
| CRJ 306: Race Ethnicity Crime and Criminal Justice (C) | | SWU 459: Spirituality and the Helping Professions |
| CRJ 309: Criminology (SB) | | SWU 460: Legal Issues in Social Work |
| CRJ 350: Law and Social Control (SB) | | SWU 461: Lesbian Gay Bisexual Transgender and Queer Issues (C) |
| Interdisciplinary Requirement-Area 4 | Tourism Development and Management Electives | |
| CPP Elective | CSM 201: Introduction to Community Sports | |
| | CSM 483: Sports Tourism | |
| | CSM 485: Sports Events | |
| | PAF 410: Building Leadership Skills (SB) | |
| | PRM 145: Special Events Management | |
| | PRM 304: Recreation Planning and Facility Development (L) | |
| | PRM 470: Environmental Communication | |
| | TDM 475: Entrepreneurial Recreation and Tourism | |
| | TDM 225: Introduction to Resort and Hotel Management | |
| | TDM 345: Meeting and Convention Planning | |
| | TDM 386: Convention Sales and Management | |

TDM 415: Tourism Transportation Systems

TDM 448: Heritage and Cultural Tourism

TDM 481: Sustainable Food Management in
Tourism

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.











2020 - 2021 Major Map

Tourism Development and Management (Meetings and Events), BS

School/College: Watts College of Public Service & Community Solut

Location: Downtown Phoenix campus

PPTDMMEBS

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  PRM 120: Leisure and the Quality of Life (SB) | 3 | C | <ul style="list-style-type: none"> An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses Mathematics Placement Assessment score determines placement in mathematics course ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students ASU 101 is for ASU freshman students only and is not required for transfer students |
| ASU 101-CPP: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Interdisciplinary Requirement | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Milestone: Meet with an academic advisor to discuss requirement of 200 career field exploration hours. | | | |
| Term hours subtotal: | 16 | | |
| Term 2 16 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  TDM 205: Introduction to Travel and Tourism (G) | 3 | C | <ul style="list-style-type: none"> Build your professional connections -- join the ASU Mentor Network |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |
| Term 3 32 - 48 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  CRD 210: Community Services and Professions | 3 | C | <ul style="list-style-type: none"> Secure volunteer experience to start your 200 career field exploration hours |
| Interdisciplinary Requirement | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Complete 2 courses: | | | |
| Elective | 6 | | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |
| Term 4 48 - 63 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  COM 225: Public Speaking (L) | 3 | C | |
| PRM 203: Program Planning | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |

Elective 3

Minimum 2.50 GPA ASU Cumulative.

Term hours subtotal: 15

| Term 5 63 - 78 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ CRD 301: Sustainable Communities | 3 | C | <ul style="list-style-type: none">• Successful completion of CRD 301 will satisfy the college Solution-Based Learning (SBL) Requirement• Develop your skills |
| ★ TDM 372: Tourism Planning (L) | 3 | C | |
| CRD 302: Inclusive Community Development (SB & C) | 3 | C | |
| PRM 145: Special Events Management | 3 | C | |
| TDM 350: Tourism, Recreation and Sports Marketing | 3 | C | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ TDM 458: International Tourism (G) | 3 | C | <ul style="list-style-type: none">• Develop your professional online presence• PRM 487 offered in Spring semester only |
| PRM 487: Advanced Special Events Management | 3 | C | |
| TDM 345: Meeting and Convention Planning | 3 | C | |
| Complete 2 courses: | | | |
| TDM Meetings and Events Concentration Elective | 6 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ CRD 403: Leadership and Professional Development | 3 | C | <ul style="list-style-type: none">• Successful completion of TDM 402 will satisfy the college Solution-Based Learning (SBL) Requirement• Research employment and internship opportunities |
| ★ TDM 402: Assessment and Evaluation of Community Services | 3 | C | |
| TDM 401: Tourism Management | 3 | C | |
| TDM 480: Sustainable Tourism | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ TDM 463: Senior Internship | 12 | C | <ul style="list-style-type: none">• Successful completion of TDM 463 will satisfy the college Solution-Based Learning (SBL) Requirement |
| Term hours subtotal: | 12 | | |

- For the Interdisciplinary Requirement:

- Students can choose courses from any of the four Interdisciplinary areas/track groups.
- To meet the requirement, students must take two courses from at least two different groups.

For the Solution-Based Learning (SBL) College Requirement:

- Students must complete one SBL course by degree completion.
- Successful completion of CRD 301, TDM 402, or TDM 463 will satisfy the SBL Requirement.

Hide Course List(s)/Track Group(s)

Interdisciplinary Requirement-Area 1

Interdisciplinary Requirement-Area 2
Academic Catalog Archive 2020-2021

Interdisciplinary Requirement-Area 3
4180

| | | |
|--|--|---|
| CRJ 100: Introduction to Criminal Justice (SB) | PAF 200: Public Service and Policy in the 21st Century | SWU 171: Introduction to Social Work (SB & H) |
| CRJ 201: Criminal Justice Crime Control Policies and Practices | PAF 201: Economics and Public Policy (SB) | SWU 180: Introduction to Lesbian Gay Bisexual and Transgender (LGBT) Studies (SB & C) |
| CRJ 203: Courts and Sentencing | PAF 240: Urban Policy (C) | |
| CRJ 204: Juvenile Justice | PAF 311: Leadership and Change (SB) | SWU 181: Economics: A Social Issues Perspective |
| CRJ 230: Introduction to Policing | PAF 410: Building Leadership Skills (SB) | SWU 182: Social Services Perspective of Government (SB) |
| CRJ 240: Introduction to Corrections | | SWU 183: Introductory Ethics: A Social Issues Perspectives (HU) |
| CRJ 260: Substantive Criminal Law | | SWU 250: Stress Management Tools I (SB) |
| CRJ 270: Community Justice (SB) | | SWU 349: Stress Management Tools II (SB) |
| CRJ 305: Gender Crime and Criminal Justice (C) | | SWU 456: Immigrants and Refugees (C) |
| CRJ 306: Race Ethnicity Crime and Criminal Justice (C) | | SWU 458: Behavioral Health Services |
| CRJ 309: Criminology (SB) | | SWU 459: Spirituality and the Helping Professions |
| CRJ 350: Law and Social Control (SB) | | SWU 460: Legal Issues in Social Work |
| | | SWU 461: Lesbian Gay Bisexual Transgender and Queer Issues (C) |
| Interdisciplinary Requirement-Area 4 | TDM Meetings and Events Concentration Electives (choose two) | |
| CPP Elective | PRM 422: Entertainment Protocol and Programming for Special Events | |
| | PRM 423: Special Event On-Site Operations | |
| | PRM 427: Revenue Generation for Special Event Management | |
| | PRM 488: Event Marketing and Promotion | |
| | TDM 386: Convention Sales and Management | |
| | TDM 481: Sustainable Food Management in Tourism | |

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map




Tourism Development and Management (Resort and Hotel Leadership), BS




School/College: Watts College of Public Service & Community Solut



Location: Downtown Phoenix campus

PPTDMRBS

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  PRM 120: Leisure and the Quality of Life (SB) | 3 | C | <ul style="list-style-type: none"> An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses Mathematics Placement Assessment score determines placement in mathematics course ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students |
| ASU 101-CPP: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Milestone: Meet with an academic advisor to discuss requirement of 200 career field exploration hours. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  TDM 205: Introduction to Travel and Tourism (G) | 3 | C | <ul style="list-style-type: none"> For the Interdisciplinary Requirement: PAF 410 satisfies part of the college's Interdisciplinary requirement. Students must choose one additional class from the areas below to complete the requirement. Students can choose one course from any of the three Interdisciplinary areas/track groups to meet this requirement. Build your professional connections --- join the ASU Mentor Network |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| Interdisciplinary Requirement Course | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 48 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  CRD 210: Community Services and Professions | 3 | C | <ul style="list-style-type: none"> Secure volunteer experience to start your 200 career field exploration hours Activate your Handshake account and build out your profile. |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Complete 2 courses: | | | |
| Elective | 6 | | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 48 - 63 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  COM 225: Public Speaking (L) | 3 | C | |
| TDM 225: Introduction to Resort and Hotel Management | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Complete 2 courses: | | | |

Elective 6

Minimum 2.50 GPA ASU Cumulative.

Term hours subtotal: 15

| Term 5 63 - 78 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ CRD 301: Sustainable Communities | 3 | C | <ul style="list-style-type: none">• Successful completion of CRD 301 or TDM 372 will satisfy the college Solution-Based Learning (SBL) Requirement• Develop your skills• Secure experience to continue your 200 career field exploration hours |
| ★ TDM 372: Tourism Planning (L) | 3 | C | |
| CRD 302: Inclusive Community Development (SB & C) | 3 | C | |
| TDM 350: Tourism, Recreation and Sports Marketing | 3 | C | |
| Resort and Hotel Leadership Elective | 3 | C | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ TDM 481: Sustainable Food Management in Tourism | 3 | C | <ul style="list-style-type: none">• PAF 410 satisfies part of the college's Interdisciplinary requirement.• Develop your professional online presence• TDM 481 and TDM 482 - offered Spring semester only• Secure experience to continue your 200 career field exploration hours |
| PAF 410: Building Leadership Skills (SB) | 3 | C | |
| TDM 482: Sustainable Revenue Management | 3 | C | |
| Resort and Hotel Leadership Elective | 3 | C | |
| Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ CRD 403: Leadership and Professional Development | 3 | C | <ul style="list-style-type: none">• Successful completion of TDM 402 will satisfy the college Solution-Based Learning (SBL) Requirement• Research employment and internship opportunities• Secure experience to complete your 200 career field exploration hours |
| ★ TDM 402: Assessment and Evaluation of Community Services | 3 | C | |
| TDM 401: Tourism Management | 3 | C | |
| TDM 458: International Tourism (G) | 3 | C | |
| TDM 480: Sustainable Tourism | 3 | C | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ TDM 463: Senior Internship | 12 | C | <ul style="list-style-type: none">• Successful completion of TDM 463 will satisfy the college Solution-Based Learning (SBL) Requirement |
| Term hours subtotal: | 12 | | |

- For the Interdisciplinary Requirement:
 - PAF 410 satisfies part of the college's Interdisciplinary requirement. Students must choose one additional class from the areas below to complete the requirement.
 - Students can choose one course from any of the three Interdisciplinary areas/track groups to meet this requirement.

For the Solution-Based Learning (SBL) College Requirement:

- Students must complete one SBL course by degree completion.
- Successful completion of CRD 301, TDM 372, TDM 402, or TDM 463 will satisfy the SBL Requirement.

Hide Course List(s)/Track Group(s)

| Interdisciplinary Requirement-Area 1 | Interdisciplinary Requirement - Area 2 | Interdisciplinary Requirement-Area 3 |
|--|---|--------------------------------------|
| CRJ 100: Introduction to Criminal Justice (SB) | SWU 171: Introduction to Social Work (SB & H) | CPP Elective |
| CRJ 201: Criminal Justice Crime Control Policies and Practices | SWU 180: Introduction to Lesbian Gay Bisexual and Transgender (LGBT) Studies (SB & C) | |
| CRJ 203: Courts and Sentencing | SWU 181: Economics: A Social Issues Perspective | |
| CRJ 204: Juvenile Justice | SWU 182: Social Services Perspective of Government (SB) | |
| CRJ 230: Introduction to Policing | SWU 183: Introductory Ethics: A Social Issues Perspectives (HU) | |
| CRJ 240: Introduction to Corrections | SWU 250: Stress Management Tools I (SB) | |
| CRJ 260: Substantive Criminal Law | SWU 349: Stress Management Tools II (SB) | |
| CRJ 270: Community Justice (SB) | SWU 456: Immigrants and Refugees (C) | |
| CRJ 305: Gender Crime and Criminal Justice (C) | SWU 458: Behavioral Health Services | |
| CRJ 306: Race Ethnicity Crime and Criminal Justice (C) | SWU 459: Spirituality and the Helping Professions | |
| CRJ 309: Criminology (SB) | SWU 460: Legal Issues in Social Work | |
| CRJ 350: Law and Social Control (SB) | SWU 461: Lesbian Gay Bisexual Transgender and Queer Issues (C) | |
| Resort and Hotel Leadership Electives | | |
| LES 305: Business Law and Ethics for Managers | | |
| MGT 380: Management and Strategy for Nonmajors | | |
| PRM 145: Special Events Management | | |
| PRM 475: Entrepreneurial Recreation and Tourism | | |
| TDM 345: Meeting and Convention Planning | | |
| TDM 386: Convention Sales and Management | | |

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map




Tourism Development and Management (Sustainable Tourism), BS




School/College: Watts College of Public Service & Community Solut



Location: Downtown Phoenix campus

PPTDMSBS

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  PRM 120: Leisure and the Quality of Life (SB) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • ASU 101 is for ASU freshman students only and is not required for transfer students • For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups. |
| ASU 101-CPP: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Interdisciplinary Requirement | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Milestone: Meet with an academic advisor to discuss requirement of 200 career field exploration hours. | | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  TDM 205: Introduction to Travel and Tourism (G) | 3 | C | <ul style="list-style-type: none"> • Build your professional connections --- join the ASU Mentor Network |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 47 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  CRD 210: Community Services and Professions | 3 | C | <ul style="list-style-type: none"> • For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups. • Secure volunteer experience to start your 200 career field exploration hours |
| SOS 100: Introduction to Sustainability (G) | 3 | C | |
| Interdisciplinary Requirement | 3 | | |
| Complete 2 courses: | | | |
| Elective | 6 | | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 15 | | |

| Term 4 47 - 63 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  COM 225: Public Speaking (L) | 3 | C | |
| Sustainable Tourism Elective | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |

| | |
|---|----|
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 |
| Elective | 3 |
| Minimum 2.50 GPA ASU Cumulative. | |
| Term hours subtotal: | 16 |

| Term 5 63 - 78 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ CRD 301: Sustainable Communities | 3 | C | <ul style="list-style-type: none"> • Successful completion of CRD 301 or TDM 372 will satisfy the college Solution-Based Learning (SBL) Requirement • Develop your skills |
| ★ TDM 372: Tourism Planning (L) | 3 | C | |
| CRD 302: Inclusive Community Development (SB & C) | 3 | C | |
| SOS 300: Advanced Concepts and Integrated Approaches in Sustainability | 3 | C | |
| TDM 350: Tourism, Recreation and Sports Marketing | 3 | C | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ TDM 481: Sustainable Food Management in Tourism | 3 | C | <ul style="list-style-type: none"> • Develop your professional online presence • TDM 481 - offered Spring semester only |
| TDM 448: Heritage and Cultural Tourism | 3 | C | |
| TDM 458: International Tourism (G) | 3 | C | |
| TDM 480: Sustainable Tourism | 3 | C | |
| Sustainable Tourism Elective | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ CRD 403: Leadership and Professional Development | 3 | C | <ul style="list-style-type: none"> • Successful completion of TDM 402 will satisfy the college Solution-Based Learning (SBL) Requirement • Research employment and internship opportunities |
| ★ TDM 402: Assessment and Evaluation of Community Services | 3 | C | |
| TDM 401: Tourism Management | 3 | C | |
| Complete 2 courses: Elective | 6 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ TDM 463: Senior Internship | 12 | C | <ul style="list-style-type: none"> • Successful completion of TDM 463 will satisfy the college Solution-Based Learning (SBL) Requirement |
| Term hours subtotal: | 12 | | |

- For the Interdisciplinary Requirement:
 - Students can choose courses from any of the four Interdisciplinary areas/track groups.
 - To meet the requirement, students must take two courses from at least two different groups.
- For the Solution-Based Learning (SBL) College Requirement:
 - Students must complete one SBL course by degree completion.

- Successful completion of CRD 301, TDM 372, TDM 402, or TDM 463 will satisfy the SBL Requirement.

Hide Course List(s)/Track Group(s)

| Interdisciplinary Requirement-Area 1 | Interdisciplinary Requirement-Area 2 | Interdisciplinary Requirement - Area 3 |
|--|--|---|
| CRJ 100: Introduction to Criminal Justice (SB) | PAF 200: Public Service and Policy in the 21st Century | SWU 171: Introduction to Social Work (SB & H) |
| CRJ 201: Criminal Justice Crime Control Policies and Practices | PAF 201: Economics and Public Policy (SB) | SWU 180: Introduction to Lesbian Gay Bisexual and Transgender (LGBT) Studies (SB & C) |
| CRJ 203: Courts and Sentencing | PAF 240: Urban Policy (C) | SWU 181: Economics: A Social Issues Perspective |
| CRJ 204: Juvenile Justice | PAF 311: Leadership and Change (SB) | SWU 182: Social Services Perspective of Government (SB) |
| CRJ 230: Introduction to Policing | PAF 410: Building Leadership Skills (SB) | SWU 183: Introductory Ethics: A Social Issues Perspectives (HU) |
| CRJ 240: Introduction to Corrections | | SWU 250: Stress Management Tools I (SB) |
| CRJ 260: Substantive Criminal Law | | SWU 349: Stress Management Tools II (SB) |
| CRJ 270: Community Justice (SB) | | SWU 456: Immigrants and Refugees (C) |
| CRJ 305: Gender Crime and Criminal Justice (C) | | SWU 458: Behavioral Health Services |
| CRJ 306: Race Ethnicity Crime and Criminal Justice (C) | | SWU 459: Spirituality and the Helping Professions |
| CRJ 309: Criminology (SB) | | SWU 460: Legal Issues in Social Work |
| CRJ 350: Law and Social Control (SB) | | SWU 461: Lesbian Gay Bisexual Transgender and Queer Issues (C) |
| Interdisciplinary Requirement-Area 4 | Sustainable Tourism Electives | |
| CPP Elective | PRM 370: Public Lands Management | |
| | PRM 470: Environmental Communication | |
| | TDM 225: Introduction to Resort and Hotel Management | |
| | TDM 394: Special Topics | |
| | TDM 415: Tourism Transportation Systems | |
| | TDM 475: Entrepreneurial Recreation and Tourism | |
| | TDM 482: Sustainable Revenue Management | |
| | TDM 483: Sports Tourism | |
| | TDM 494: Special Topics | |

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum

General University Requirements Legend

- General Studies Core Requirements:
- Literacy and Critical Inquiry (L)

Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map




Tourism and Recreation Management, BS





School/College: Watts College of Public Service & Community Solut



Location: ASU@Lake Havasu

PPTRMBS

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  PRM 120: Leisure and the Quality of Life (SB) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups. |
| ASU 101-CPP: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Interdisciplinary Requirement | 3 | | |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  TDM 205: Introduction to Travel and Tourism (G) | 3 | C | <ul style="list-style-type: none"> • Network in your career interest area |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 48 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  COM 225: Public Speaking (L) | 3 | C | <ul style="list-style-type: none"> • Secure volunteer experience to start your 200 career field exploration hours |
|  PRM 210: Leisure Delivery Systems | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 48 - 63 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  PRM 203: Program Planning | 3 | C | |
| Emphasis Core Course | 3 | C | |
| Interdisciplinary Requirement | 3 | | |

Complete 2 courses: 6
 Elective

Term hours subtotal: 15

- Successful completion of PRM 203 will satisfy the college Solution-Based Learning (SBL) Requirement
- For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups.
- Students select one emphasis area below and choose core courses and emphasis electives from the same area. Students must select one of the following four emphases:
 Events
 Tourism
 Recreation
 Sport

| Term 5 63 - 78 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-----------------------|
| ★ CRD 302: Inclusive Community Development (SB & C) | 3 | C | • Develop your skills |
| ★ PRM 380: Wilderness and Parks in America (SB & H) | 3 | C | |
| ★ Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| CRD 350: Tourism, Recreation and Sports Marketing | 3 | C | |
| Emphasis Core Course | 3 | C | |
| Term hours subtotal: | 15 | | |

| Term 6 78 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ CRD 401: Managing Leisure Enterprises | 3 | C | • Students select one emphasis area below and choose core courses and emphasis electives from the same area. • Develop your professional online presence |
| ★ Emphasis Elective Course | 3 | C | |
| PRM 310: Volunteer Management | 3 | C | |
| Upper Division Emphasis Elective Course | 3 | C | |
| Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ CRD 403: Leadership and Professional Development | 3 | C | • Successful completion of CRD 402 will satisfy the college Solution-Based Learning (SBL) Requirement • Students select one emphasis area below and choose core courses and emphasis electives from the same area. • Use Handshake to research employment and internship opportunities |
| ★ Upper Division Emphasis Elective Course | 3 | C | |
| ★ Emphasis Core Course | 3 | C | |
| CRD 402: Assessment and Evaluation of Community Services | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ PRM 484: Internship or TDM 484: Internship or CSM 484: Internship OR CRD 435: Service Learning for Community Development AND Additional Emphasis Elective | 6 | C | <ul style="list-style-type: none"> • Successful completion of PRM 484, TDM 484, CSM 484, or CRD 435 will satisfy the college Solution-Based Learning (SBL) Requirement |
| Complete 2 courses: Upper Division Elective | 6 | | |
| Term hours subtotal: | 12 | | |

• For the Interdisciplinary Requirement:

- Students can choose courses from any of the four Interdisciplinary areas/track groups.
- To meet the requirement, students must take two courses from at least two different groups.

For the Solution-Based Learning (SBL) College Requirement:

- Students must complete one SBL course by degree completion.
- Successful completion of PRM 203, CRD 402, TDM 484, PRM 484, CSM 484 or CRD 435 will satisfy the SBL requirement.

Hide Course List(s)/Track Group(s)

| Interdisciplinary Requirement-Area 1 | Interdisciplinary Requirement-Area 2 | Interdisciplinary Requirement-Area 3 |
|--|--|---|
| CRJ 100: Introduction to Criminal Justice (SB) | PAF 200: Public Service and Policy in the 21st Century | SWU 171: Introduction to Social Work (SB & H) |
| CRJ 201: Criminal Justice Crime Control Policies and Practices | PAF 201: Economics and Public Policy (SB) | SWU 180: Introduction to Lesbian Gay Bisexual and Transgender (LGBT) Studies (SB & C) |
| CRJ 203: Courts and Sentencing | PAF 240: Urban Policy (C) | SWU 181: Economics: A Social Issues Perspective |
| CRJ 204: Juvenile Justice | PAF 311: Leadership and Change (SB) | SWU 182: Social Services Perspective of Government (SB) |
| CRJ 230: Introduction to Policing | PAF 410: Building Leadership Skills (SB) | SWU 183: Introductory Ethics: A Social Issues Perspectives (HU) |
| CRJ 240: Introduction to Corrections | | SWU 250: Stress Management Tools I (SB) |
| CRJ 260: Substantive Criminal Law | | SWU 349: Stress Management Tools II (SB) |
| CRJ 270: Community Justice (SB) | | SWU 456: Immigrants and Refugees (C) |
| CRJ 305: Gender Crime and Criminal Justice (C) | | SWU 458: Behavioral Health Services |
| CRJ 306: Race Ethnicity Crime and Criminal Justice (C) | | SWU 459: Spirituality and the Helping Professions |
| CRJ 309: Criminology (SB) | | SWU 460: Legal Issues in Social Work |
| CRJ 350: Law and Social Control (SB) | | SWU 461: Lesbian Gay Bisexual Transgender and Queer Issues (C) |
| Interdisciplinary Requirement-Area 4 | Events Emphasis Core Courses (grade of "C" required) | Events Emphasis Elective Courses (choose 3 courses; grade of "C" required) |
| CPP Elective | PRM 145: Special Events Management | CSM 483: Sports Tourism |

| | | |
|---|--|---|
| | PRM 487: Advanced Special Events Management | CSM 485: Sports Events |
| | PRM 488: Event Marketing and Promotion | PRM 475: Entrepreneurial Recreation and Tourism |
| | | TDM 345: Meeting and Convention Planning |
| | | TDM 386: Convention Sales and Management |
| Recreation Emphasis Core Courses (grade of "C" required) | Recreation Emphasis Elective Courses (choose 3 courses; grade of "C" required) | Sport Emphasis Core Courses (grade of "C" required) |
| PRM 201: Introduction to Community Sports | PRM 145: Special Events Management | CSM 201: Introduction to Community Sports |
| PRM 364: Foundations of Recreation Therapy (SB) | PRM 455: Recreational Therapy with Children Youth and Families | CSM 483: Sports Tourism |
| PRM 475: Entrepreneurial Recreation and Tourism | PRM 485: Sports Events | CSM 485: Sports Events |
| | PRM 487: Advanced Special Events Management | |
| | PRM 488: Event Marketing and Promotion | |
| | TDM 448: Heritage and Cultural Tourism | |
| | TDM 480: Sustainable Tourism | |
| | GIS 494: GIS Methods for Non-Majors | |
| Sport Emphasis Elective Courses (choose 3 courses; grade of "C" required) | Tourism Emphasis Core Course (grade of "C" required) | Tourism Emphasis Elective Courses (choose 3 courses; grade of "C" required) |
| PRM 145: Special Events Management | TDM 225: Introduction to Resort and Hotel Management | PRM 145: Special Events Management |
| PRM 364: Foundations of Recreation Therapy (SB) | TDM 458: International Tourism (G) | TDM 345: Meeting and Convention Planning |
| PRM 487: Advanced Special Events Management | TDM 480: Sustainable Tourism | TDM 386: Convention Sales and Management |
| PRM 488: Event Marketing and Promotion | | TDM 448: Heritage and Cultural Tourism |
| TDM 458: International Tourism (G) | | TDM 475: Entrepreneurial Recreation and Tourism |
| TDM 475: Entrepreneurial Recreation and Tourism | | TDM 483: Sports Tourism |

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)

- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.











2020 - 2021 Major Map



Tourism and Recreation Management, BS



School/College: Watts College of Public Service & Community Solut




Location: Online



PPTRMBS



| Term 1 - A 0 - 7 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  PRM 120: Leisure and the Quality of Life (SB) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students |
| ASU 101-CPP: The ASU Experience | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR | | | |
| ENG 105: Advanced First-Year Composition OR | 3 | C | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| Term hours subtotal: | 7 | | |
| Term 1 - B 7 - 14 Credit Hours | Hours | Minimum Grade | Notes |
| ENG 101 or ENG 102: First-Year Composition OR | 3 | C | <ul style="list-style-type: none"> • View ASU Online first-year student registration information here. |
| ENG 105: Advanced First-Year Composition OR | | | |
| ENG 107 or ENG 108: First-Year Composition | | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Term hours subtotal: | 7 | | |
| Term 2 - A 14 - 20 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  PRM 210: Leisure Delivery Systems | 3 | C | <ul style="list-style-type: none"> • Build your professional connections --- join the ASU Mentor Network |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Term hours subtotal: | 6 | | |
| Term 2 - B 20 - 27 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
| Humanities, Arts and Design (HU) | 3 | | |
| Natural Science - General (SG) OR Natural Science - Quantitative (SQ) | 4 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 7 | | |
| Term 3 - A 27 - 33 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  TDM 205: Introduction to Travel and Tourism (G) | 3 | C | <ul style="list-style-type: none"> • Secure volunteer experience to start your 200 career field exploration hours |
| Computer/Statistics/Quantitative Applications (CS) | 3 | | |
| Term hours subtotal: | 6 | | |
| Term 3 - B 33 - 39 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
| Humanities, Arts and Design (HU) | 3 | | <ul style="list-style-type: none"> • Consider combining your electives into one of the online minors. Suggestions include: <ul style="list-style-type: none"> Anthropology Business Organizational Leadership |
| Elective | 3 | | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 6 | | |

| Term 4 - A 39 - 45 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  COM 225: Public Speaking (L) | 3 | C | <ul style="list-style-type: none"> For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups. |
| Interdisciplinary Requirement | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 4 - B 45 - 51 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  PRM 203: Program Planning | 3 | C | <ul style="list-style-type: none"> Successful completion of PRM 203 will satisfy the college Solution-Based Learning (SBL) Requirement For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups. |
| Interdisciplinary Requirement | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - A 51 - 57 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  CRD 302: Inclusive Community Development (SB & C) | 3 | C | <ul style="list-style-type: none"> Develop your skills |
|  PRM 380: Wilderness and Parks in America (SB & H) | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 5 - B 57 - 63 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  Emphasis Core Course | 3 | C | <ul style="list-style-type: none"> Students select one emphasis area below and choose core courses and emphasis electives from the same area. Students must select one of the following four emphases: <ul style="list-style-type: none"> Events Tourism Recreation Sport |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - A 63 - 69 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  Emphasis Core Course | 3 | C | <ul style="list-style-type: none"> Students select one emphasis area below and choose core courses and emphasis electives from the same area. |
| CRD 350: Tourism, Recreation and Sports Marketing | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 6 - B 69 - 75 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|  PRM 310: Volunteer Management | 3 | C | |
| Elective | 3 | | |

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal: 6

- Core and elective courses for each emphasis are shown at the bottom of the major map.

| Term 7 - A 75 - 81 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

★ Upper Division Literacy and Critical Inquiry (L)

3

Elective

3

Term hours subtotal: 6

- Develop your professional online presence

| Term 7 - B 81 - 87 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

★ Emphasis Elective Course

3

C

Elective

3

Term hours subtotal: 6

- Students select one emphasis area below and choose core courses and emphasis electives from the same area.

| Term 8 - A 87 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

★ Upper Division Emphasis Elective Course

3

C

★ Emphasis Core Course

3

C

Term hours subtotal: 6

- Students select one emphasis area below and choose core courses and emphasis electives from the same area.

| Term 8 - B 93 - 99 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

★ CRD 401: Managing Leisure Enterprises

3

C

Upper Division Elective

3

Term hours subtotal: 6

| Term 9 - A 99 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

★ CRD 403: Leadership and Professional Development

3

C

CRD 402: Assessment and Evaluation of Community Services

3

C

Term hours subtotal: 6

- Successful completion of CRD 402 will satisfy the college Solution-Based Learning (SBL) Requirement
- Use Handshake to research employment and internship opportunities

| Term 9 - B 105 - 111 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

★ Upper Division Emphasis Elective Course

3

C

Upper Division Elective

3

Term hours subtotal: 6

| Term 10 - A 111 - 114 Credit Hours | Hours | Minimum Grade | Notes |
|------------------------------------|-------|---------------|-------|
|------------------------------------|-------|---------------|-------|

Upper Division Elective

3

Term hours subtotal: 3

- Students select one emphasis area below and choose core courses and emphasis electives from the same area.

| Term 10 - B 114 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

★ PRM 484: Internship or TDM 484: Internship or CSM 484: Internship OR CRD 435: Service Learning for Community Development AND Additional Emphasis Elective

6 C

Term hours subtotal: 6

- PRM 484, TDM 484, CSM 484, or CRD 435 offered as a C Session course.
- Successful completion of PRM 484, TDM 484, CSM 484, or CRD 435 will satisfy the college Solution-Based Learning (SBL) Requirement

- For the Interdisciplinary Requirement:
 - Students can choose courses from any of the four Interdisciplinary areas/track groups.
 - To meet the requirement, students must take two courses from at least two different groups.

For the Solution-Based Learning (SBL) College Requirement:

- Students must complete one SBL course by degree completion.
- Successful completion of PRM 203, CRD 402, TDM 484, PRM 484, CSM 484 or CRD 435 will satisfy the SBL requirement.

Hide Course List(s)/Track Group(s)

| Interdisciplinary Requirement-Area 1 | Interdisciplinary Requirement-Area 2 | Interdisciplinary Requirement-Area 3 |
|--|--|---|
| CRJ 100: Introduction to Criminal Justice (SB) | PAF 200: Public Service and Policy in the 21st Century | SWU 171: Introduction to Social Work (SB & H) |
| CRJ 201: Criminal Justice Crime Control Policies and Practices | PAF 201: Economics and Public Policy (SB) | SWU 180: Introduction to Lesbian Gay Bisexual and Transgender (LGBT) Studies (SB & C) |
| CRJ 203: Courts and Sentencing | PAF 311: Leadership and Change (SB) | SWU 181: Economics: A Social Issues Perspective |
| CRJ 204: Juvenile Justice | PAF 410: Building Leadership Skills (SB) | SWU 182: Social Services Perspective of Government (SB) |
| CRJ 230: Introduction to Policing | | SWU 183: Introductory Ethics: A Social Issues Perspectives (HU) |
| CRJ 240: Introduction to Corrections | | SWU 250: Stress Management Tools I (SB) |
| CRJ 260: Substantive Criminal Law | | SWU 349: Stress Management Tools II (SB) |
| CRJ 270: Community Justice (SB) | | SWU 456: Immigrants and Refugees (C) |
| CRJ 305: Gender Crime and Criminal Justice (C) | | SWU 458: Behavioral Health Services |
| CRJ 306: Race Ethnicity Crime and Criminal Justice (C) | | SWU 460: Legal Issues in Social Work |
| CRJ 309: Criminology (SB) | | SWU 461: Lesbian Gay Bisexual Transgender and Queer Issues (C) |
| CRJ 350: Law and Social Control (SB) | | |
| Interdisciplinary Requirement-Area 4 | Events Emphasis Core Courses (grade of "C" required) | Events Emphasis Elective Courses (choose 3 courses; grade of "C" required) |
| CPP Elective | PRM 145: Special Events Management | CSM 483: Sports Tourism |
| | PRM 487: Advanced Special Events Management | CSM 485: Sports Events |

| | | |
|---|--|---|
| | PRM 488: Event Marketing and Promotion | PRM 475: Entrepreneurial Recreation and Tourism |
| | | TDM 345: Meeting and Convention Planning |
| | | TDM 386: Convention Sales and Management |
| Recreation Emphasis Core Courses (grade of "C" required) | Recreation Emphasis Elective Courses (choose 3 courses; grade of "C" required) | Sport Emphasis Core Courses (grade of "C" required) |
| PRM 201: Introduction to Community Sports | PRM 145: Special Events Management | CSM 201: Introduction to Community Sports |
| PRM 364: Foundations of Recreation Therapy (SB) | PRM 455: Recreational Therapy with Children Youth and Families | CSM 483: Sports Tourism |
| PRM 475: Entrepreneurial Recreation and Tourism | PRM 485: Sports Events | CSM 485: Sports Events |
| | PRM 487: Advanced Special Events Management | |
| | PRM 488: Event Marketing and Promotion | |
| | TDM 448: Heritage and Cultural Tourism | |
| | TDM 480: Sustainable Tourism | |
| | GIS 494: GIS Methods for Non-Majors | |
| Sport Emphasis Elective Courses (choose 3 courses; grade of "C" required) | Tourism Emphasis Core Course (grade of "C" required) | Tourism Emphasis Elective Courses (choose 3 courses; grade of "C" required) |
| PRM 145: Special Events Management | TDM 225: Introduction to Resort and Hotel Management | PRM 145: Special Events Management |
| PRM 364: Foundations of Recreation Therapy (SB) | TDM 458: International Tourism (G) | TDM 345: Meeting and Convention Planning |
| PRM 487: Advanced Special Events Management | TDM 480: Sustainable Tourism | TDM 386: Convention Sales and Management |
| PRM 488: Event Marketing and Promotion | | TDM 448: Heritage and Cultural Tourism |
| TDM 458: International Tourism (G) | | TDM 475: Entrepreneurial Recreation and Tourism |
| TDM 475: Entrepreneurial Recreation and Tourism | | TDM 483: Sports Tourism |

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.







2020 - 2021 Major Map

Urban and Metropolitan Studies, BA

School/College: Watts College of Public Service & Community Solut

Location: Downtown Phoenix campus

PPURBBA

| Term 1 0 - 17 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • ASU 101 is for ASU first-year students only and is not required for transfer students • For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups. • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. |
| ASU 101-CPP: The ASU Experience | 1 | | |
| Interdisciplinary Requirement | 3 | | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | | |
| OR PAF Elective | | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 3 | | |
| Milestone: Meet with an academic advisor | | | |
| Term hours subtotal: | 17 | | |
| | | | |
| Term 2 17 - 34 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. • For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups. • Build your professional connections --- join the ASU Mentor Network |
| Interdisciplinary Requirement | 3 | | |
| Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | | |
| OR PAF Elective | | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 17 | | |
| | | | |
| Term 3 34 - 50 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  PAF 220: Introduction to Urban America | 3 | C | <ul style="list-style-type: none"> • Develop your skills |
| MAT 142: College Mathematics (MA) | 3 | | |

Second Language: Requirement satisfied through the following:

* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. 4

OR

PAF Elective

Literacy and Critical Inquiry (L) 3

Elective 3

📌 Complete Mathematics (MA) requirement.

Term hours subtotal: 16

| Term 4 50 - 67 Credit Hours Critical course signified by 📌 | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | | |
|-----------------------------|---|---|--------------------------------|
| 📌 PAF 240: Urban Policy (C) | 3 | C | • Explore an internship |
|-----------------------------|---|---|--------------------------------|

Second Language: Requirement satisfied through the following:

* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. 4

OR

PAF Elective

Natural Science - Quantitative (SQ) OR Natural Science - General (SG) 4

Social-Behavioral Sciences (SB) 3

Elective 3

Term hours subtotal: 17

| Term 5 67 - 82 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | | |
|---|---|---|--|
| ★ PAF 351: Urban and Metropolitan Studies | 3 | C | • Develop your professional online presence |
| PAF 301: Applied Statistics (CS) | 3 | C | |

PAF OR POS OR PUP OR GPH OR GCU OR MGT OR HST OR SBS
OR SOS OR ASB OR SOC OR WST OR TWC OR COM OR CRJ OR
SWU OR NLM OR TDM OR PRM Upper Division Elective

Upper Division Literacy and Critical Inquiry (L) 3

Humanities, Arts and Design (HU) AND Global Awareness (G) 3

Term hours subtotal: 15

| Term 6 82 - 94 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | | |
|--|---|---|--|
| ★ PAF 302: Public Service Research Methods | 3 | C | • Complete an in person or virtual practice interview |
| ★ PAF 305: Urban Governance | 3 | C | |

Complete 2 courses:

PAF OR POS OR PUP OR GPH OR GCU OR MGT OR HST OR SBS
OR SOS OR ASB OR SOC OR WST OR TWC OR COM OR CRJ OR
SWU OR NLM OR TDM OR PRM Upper Division Elective

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal: 12

| Term 7 94 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | | |
|--|---|---|---|
| ★ PAF 352: Urban Theory | 3 | C | • Successful completion of PAF 484 will satisfy the college Solution-Based Learning (SBL) Requirement |
| ★ PAF 484: Internship | 3 | Y | |
| PAF 410: Building Leadership Skills (SB) | 3 | C | |

| | | |
|---|----|---|
| PAF OR POS OR PUP OR GPH OR GCU OR MGT OR HST OR SBS OR SOS OR ASB OR SOC OR WST OR TWC OR COM OR CRJ OR SWU OR NLM OR TDM OR PRM Upper Division Elective | 3 | C |
| Elective | 2 | |
| Term hours subtotal: | 14 | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | | |
|---|----|---|--|
| ★ PAF 400: Senior Capstone Project | 3 | C | |
| <i>Complete 2 courses:</i> | | | |
| PAF OR POS OR PUP OR GPH OR GCU OR MGT OR HST OR SBS OR SOS OR ASB OR SOC OR WST OR TWC OR COM OR CRJ OR SWU OR NLM OR TDM OR PRM Upper Division Elective | 6 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 12 | | |

- For the Interdisciplinary Requirement:
 - Students can choose courses from any of the four Interdisciplinary areas/track groups.
 - To meet the requirement, students must take two courses from at least two different groups.

For the Solution-Based Learning (SBL) College Requirement:

- Students must complete one SBL course by degree completion.
- Successful completion of PAF 484 will satisfy the SBL Requirement.

Hide Course List(s)/Track Group(s)

| Interdisciplinary Requirement-Area 1 | Interdisciplinary Requirement - Area 2 | Interdisciplinary Requirement-Area 3 |
|--|---|---|
| CRJ 100: Introduction to Criminal Justice (SB) | CSM 201: Introduction to Community Sports | SWU 171: Introduction to Social Work (SB & H) |
| CRJ 201: Criminal Justice Crime Control Policies and Practices | NLM 160: Voluntary Action and Community Leadership (SB) | SWU 180: Introduction to Lesbian Gay Bisexual and Transgender (LGBT) Studies (SB & C) |
| CRJ 203: Courts and Sentencing | NLM 220: Introduction to Nonprofit Organizations | SWU 181: Economics: A Social Issues Perspective |
| CRJ 204: Juvenile Justice | PRM 120: Leisure and the Quality of Life (SB) | SWU 182: Social Services Perspective of Government (SB) |
| CRJ 230: Introduction to Policing | PRM 364: Foundations of Recreation Therapy (SB) | SWU 183: Introductory Ethics: A Social Issues Perspectives (HU) |
| CRJ 240: Introduction to Corrections | PRM 380: Wilderness and Parks in America (SB & H) | SWU 250: Stress Management Tools I (SB) |
| CRJ 260: Substantive Criminal Law | TDM 205: Introduction to Travel and Tourism (G) | SWU 349: Stress Management Tools II (SB) |
| CRJ 270: Community Justice (SB) | TDM 458: International Tourism (G) | SWU 456: Immigrants and Refugees (C) |
| CRJ 305: Gender Crime and Criminal Justice (C) | | SWU 458: Behavioral Health Services |
| CRJ 306: Race Ethnicity Crime and Criminal Justice (C) | | SWU 459: Spirituality and the Helping Professions |
| CRJ 309: Criminology (SB) | | SWU 460: Legal Issues in Social Work |
| CRJ 350: Law and Social Control (SB) | | SWU 461: Lesbian Gay Bisexual Transgender and Queer Issues (C) |

Interdisciplinary Requirement-Area 4

CPP Elective

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.








2020 - 2021 Major Map



Urban and Metropolitan Studies, BS



School/College: Watts College of Public Service & Community Solut





Location: Downtown Phoenix campus




PPURBBS

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|--------------|----------------------|---|
|  ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • ASU 101 is for ASU freshman students only and is not required for transfer students • For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups. |
| ASU 101-CPP: The ASU Experience | 1 | | |
| Interdisciplinary Requirement | 3 | | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Elective | 3 | | |
| Milestone: Meet with an academic advisor | | | |
| Term hours subtotal: | 16 | | |
| Term 2 16 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups. • Build your professional connections --- join the ASU Mentor Network |
| MAT 142: College Mathematics (MA) | 3 | | |
| Interdisciplinary Requirement | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |
| Term 3 32 - 48 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  PAF 220: Introduction to Urban America | 3 | C | <ul style="list-style-type: none"> • Develop your skills |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Social-Behavioral Sciences (SB) | 3 | | |
| Complete 2 courses: Elective | 6 | | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |
| | | Minimum | |

| Term 4 48 - 63 Credit Hours Critical course signified by  | Hours | Grade | Notes |
|---|-------|-------|--------------------------------|
|  PAF 240: Urban Policy (C) | 3 | C | • Explore an internship |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Complete 2 courses: Elective | 6 | | |
| Term hours subtotal: | | 15 | |

| Term 5 63 - 78 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  PAF 351: Urban and Metropolitan Studies | 3 | C | • Develop your professional online presence |
| PAF 301: Applied Statistics (CS) | 3 | C | |
| Complete 2 courses: POS OR PUP OR GPH OR GCU OR MGT OR PAF OR HST OR SBS OR SOS OR SOC OR WST OR TWC OR COM OR CRJ OR SWU OR NLM OR TDM OR PRM OR ASB Elective | 6 | C | |
| Upper Division Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | | 15 | |

| Term 6 78 - 93 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  PAF 302: Public Service Research Methods | 3 | C | • Complete an in person or virtual practice interview |
|  PAF 305: Urban Governance | 3 | C | |
| POS OR PUP OR GPH OR GCU OR MGT OR HST OR SBS OR SOS OR ASB OR SOC OR WST OR TWC OR COM OR CRJ OR SWU OR NLM OR TDM OR PRM OR PAF Upper Division Elective | 3 | C | |
| POS OR PUP OR GPH OR GCU OR MGT OR PAF OR HST OR SBS OR SOS OR SOC OR WST OR TWC OR COM OR CRJ OR SWU OR NLM OR TDM OR PRM OR ASB Elective | 3 | C | |
| Elective | 3 | | |
|  Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | | 15 | |

| Term 7 93 - 108 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  PAF 352: Urban Theory | 3 | C | • Successful completion of PAF 484 will satisfy the college Solution-Based Learning (SBL) Requirement |
|  PAF 484: Internship | 3 | Y | |
| PAF 410: Building Leadership Skills (SB) | 3 | C | |
| Complete 2 courses: POS OR PUP OR GPH OR GCU OR MGT OR HST OR SBS OR SOS OR ASB OR SOC OR WST OR TWC OR COM OR CRJ OR SWU OR NLM OR TDM OR PRM OR PAF Upper Division Elective | 6 | C | |
| Term hours subtotal: | | 15 | |

| Term 8 108 - 120 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|  PAF 400: Senior Capstone Project | 3 | C | |

| | | |
|---|---|----|
| POS OR PUP OR GPH OR GCU OR MGT OR HST OR SBS OR SOS OR ASB OR SOC OR WST OR TWC OR COM OR CRJ OR SWU OR NLM OR TDM OR PRM OR PAF Upper Division Elective | 3 | C |
| Complete 2 courses: Upper Division Elective | 6 | |
| Term hours subtotal: | | 12 |

- For the Interdisciplinary Requirement:
 - Students can choose courses from any of the four Interdisciplinary areas/track groups.
 - To meet the requirement, students must take two courses from at least two different groups.
- For the Solution-Based Learning (SBL) College Requirement:
 - Students must complete one SBL course by degree completion.
 - Successful completion of PAF 484 will satisfy the SBL Requirement.

Hide Course List(s)/Track Group(s)

| Interdisciplinary Requirement-Area 1 | Interdisciplinary Requirement - Area 2 | Interdisciplinary Requirement-Area 3 |
|--|---|---|
| CRJ 100: Introduction to Criminal Justice (SB) | CSM 201: Introduction to Community Sports | SWU 171: Introduction to Social Work (SB & H) |
| CRJ 201: Criminal Justice Crime Control Policies and Practices | NLM 160: Voluntary Action and Community Leadership (SB) | SWU 180: Introduction to Lesbian Gay Bisexual and Transgender (LGBT) Studies (SB & C) |
| CRJ 203: Courts and Sentencing | NLM 220: Introduction to Nonprofit Organizations | SWU 181: Economics: A Social Issues Perspective |
| CRJ 204: Juvenile Justice | PRM 120: Leisure and the Quality of Life (SB) | SWU 182: Social Services Perspective of Government (SB) |
| CRJ 230: Introduction to Policing | PRM 364: Foundations of Recreation Therapy (SB) | SWU 183: Introductory Ethics: A Social Issues Perspectives (HU) |
| CRJ 240: Introduction to Corrections | PRM 380: Wilderness and Parks in America (SB & H) | SWU 250: Stress Management Tools I (SB) |
| CRJ 260: Substantive Criminal Law | TDM 205: Introduction to Travel and Tourism (G) | SWU 349: Stress Management Tools II (SB) |
| CRJ 270: Community Justice (SB) | TDM 458: International Tourism (G) | SWU 456: Immigrants and Refugees (C) |
| CRJ 305: Gender Crime and Criminal Justice (C) | | SWU 458: Behavioral Health Services |
| CRJ 306: Race Ethnicity Crime and Criminal Justice (C) | | SWU 459: Spirituality and the Helping Professions |
| CRJ 309: Criminology (SB) | | SWU 460: Legal Issues in Social Work |
| CRJ 350: Law and Social Control (SB) | | SWU 461: Lesbian Gay Bisexual Transgender and Queer Issues (C) |
| Interdisciplinary Requirement-Area 4 | | |
| CPP Elective | | |

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)

Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.

2020 - 2021 Major Map

Applied Science (Early Childhood Studies), **BAS**

School/College: [Mary Lou Fulton Teachers College](#)

Location: [Online](#)

TEAPSECBAS

| Applicable Community College Prerequisites 0 - 60 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| AAS Degree Transfer Block | 60 | | |
| Term hours subtotal: | 60 | | <ul style="list-style-type: none"> Students may meet lower division general studies requirements with the AAS degree. Students must complete all ASU general studies requirements in order to earn ASU BAS degree. Students should work with their academic advisor to run DARS graduation audit to determine needed general studies requirements. |

| Term 5 - A 60 - 69 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ ECD 327: Becoming a Teacher Leader | 3 | C | |
| ★ FAS 370: Family Ethnic and Cultural Diversity (SB & C) | 3 | C | |
| Any needed lower division General Studies requirement OR Elective | 3 | | |
| Term hours subtotal: | 9 | | <ul style="list-style-type: none"> Students must secure an approved ASU work or volunteer placement for upper-division coursework. The MLFTC Office of Professional Experiences (OPE) supports all site placements for students in our college. For students who do not have an existing placement at a site that teaches young children and that meets the requirements of ASU, OPE will help find an appropriate placement. |

| Term 5 - B 69 - 78 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ ECD 310: Applied Early Child Development | 3 | C | |
| ★ EDT 321: Computer Literacy: Mobile Technologies and Your World (CS) | 3 | C | |
| Any needed lower division General Studies requirement OR Elective | 3 | | |
| Term hours subtotal: | 9 | | <ul style="list-style-type: none"> Join a student club or Early Childhood Professional organization (for example, NAEYC or AzAEYC). |

| Term 6 - A 78 - 87 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ CDE 350: Inequality and Diversity in Education (L & C) | 3 | C | |
| ★ ECS 321: Communication, Language Development, and Emergent Literacy | 3 | C | |
| Any needed lower division General Studies requirement OR Elective | 3 | | |
| Term hours subtotal: | 9 | | <ul style="list-style-type: none"> Develop your professional online presence. |

| Term 6 - B 87 - 96 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ CDE 430: Infant/Toddler Development in the Family (SB) | 3 | C | |
| ★ ECD 325: Supporting Dual Language Learners | 3 | C | |
| Term hours subtotal: | 6 | | <ul style="list-style-type: none"> Complete an in person or virtual practice interview. |

| | |
|--|---|
| Any needed lower division General Studies requirement OR Elective | 3 |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | |
| Term hours subtotal: | 9 |

| Term 7 - A 96 - 102 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ ECD 322: Cognition and General Knowledge: Science, Math, Logic and Reasoning | 3 | C | |
| ★ ECS 315: Classroom Organization and Child Guidance | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 7 - B 102 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ PAF 410: Building Leadership Skills (SB) | 3 | C | • Apply for full-time career opportunities. |
| Any needed lower division General Studies requirement OR Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 108 - 114 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ ECS 427: Highly Individualized Teaching and Learning | 3 | C | |
| ★ ECS 430: Systems, Policy, and Advocacy in Early Childhood/Special Education | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 8 - B 114 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ ECD 476: Intentional Teaching | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

Hide Course List(s)/Track Group(s)

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.












2020 - 2021 Major Map

Early Childhood and Early Childhood Special Education, **BAE**

School/College: Mary Lou Fulton Teachers College

Location: Tempe campus

TEECSEBAE

| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Select your career interest communities and play me3@ASU. |
|  MAT 117: College Algebra (MA) OR MAT 142: College Mathematics (MA) | 3 | C | |
|  TEL 111: Exploration of Education (SB) | 3 | C | |
| EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) | 3 | C | |
| TEL 101: Professional Educator Series: The Student Experience | 1 | | |
| Elective | 1 | | |
| Term hours subtotal: | 14 | | |
| Term 2 14 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • Join a student club or professional organization. |
|  TEL 215: Introduction to Child and Adolescent Development (SB) | 3 | C | |
| TEL 102: Professional Educator Series: Community Contexts | 3 | C | |
| Humanities, Arts and Design (HU) (RDG 291 recommended) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |
| Term 3 30 - 46 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  SPE 222: Orientation to Education of Exceptional Children (SB & C) OR TEL 208: Literacy in a Changing World | 3 | C | <ul style="list-style-type: none"> • Develop your skills. |
|  TEL 203: Collaborating, Planning and Implementing Instruction in Diverse Contexts | 3 | C | |
| MTE 280: Investigating Quantity: Number, Operations & Numeration Systems | 3 | C | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | C | |
| Complete Mathematics (MA) requirement. | | | |
| Milestone: Submit Identity Verified Print (IVP) DPS fingerprint clearance card. | | | |
| Term hours subtotal: | 16 | | |
| Term 4 46 - 60 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |

| | | |
|---|----|---|
| ◆ SPE 222: Orientation to Education of Exceptional Children (SB & C) OR TEL 208: Literacy in a Changing World | 3 | C |
| ◆ USL 216: Service Learning: For Educators (L & C) | 3 | C |
| MTE 281: Investigating Space: Geometry, Measurement, and Visualization | 3 | C |
| Historical Awareness (H) (GCU 113 recommended) | 3 | |
| Elective | 2 | |
| ◆ Milestone: Complete online Intent to Progress form (meet with advisor). | | |
| ◆ Minimum 2.50 GPA ASU Cumulative. | | |
| Term hours subtotal: | 14 | |

- Develop your professional online presence.
- Must complete a minimum of 60 credits, including all foundational coursework, to progress into upper-division education courses.

| Term 5 60 - 76 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ ECD 321: Emerging Language and Literacy | 3 | C | |
| ★ ECD 396: Student Teaching: Early Childhood (Ages Birth-5) | 4 | C | |
| ★ ECS 310: Foundations in Typical / Atypical Child Development | 3 | C | |
| ★ ECS 312: Social and Emotional Development of the Young Child (SB) | 3 | C | |
| ★ ECS 316: Assessment/Evidence-based Practice | 3 | C | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 6 76 - 92 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ ECS 315: Classroom Organization and Child Guidance | 3 | C | |
| ★ ECS 397: Student Teaching: Inclusive Early Childhood (Ages Birth-5) | 4 | C | |
| ★ ECS 420: Evaluation and Intervention Strategies for Infants, Toddlers and Preschoolers with Disabilities | 3 | C | |
| ★ ECS 431: Family, Community and Professional Support Systems | 3 | C | |
| Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

- Complete an in person or virtual practice interview

| Term 7 92 - 106 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ ECD 418: Instructional Methods for Young Children: Integrating Digital Media | 3 | C | |
| ★ ECS 412: Mathematics Curriculum, Instruction and Assessment | 3 | C | |
| ★ ECS 413: Literacy Curriculum, Instruction and Assessment (L) | 3 | C | |
| ★ ECS 478: Student Teaching: Special Education (Grades K-3) | 5 | C | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 14 | | |

| Term 8 106 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ ECD 478: Student Teaching: Early Childhood (Grades K-3) | 5 | C | |

| | | |
|---|---|----|
| ★ ECS 411: Instructional Methodologies for Young Children: STEM | 3 | C |
| ★ ECS 430: Systems, Policy, and Advocacy in Early Childhood/Special Education | 3 | C |
| ★ SPE 317: Special Education for Culturally and Linguistically Diverse Children and Youth | 3 | C |
| Minimum 2.50 GPA ASU Cumulative. | | |
| Term hours subtotal: | | 14 |

Hide Course List(s)/Track Group(s)

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)







First-Year Composition






General Studies designations listed on the major map are current for the 2020 - 2021 academic year.

2020 - 2021 Major Map Education Exploratory

School/College: [Mary Lou Fulton Teachers College](#)

Location: [Polytechnic campus](#), [Tempe campus](#), [West campus](#)
TEEDUEXPL

| Term 1 0 - 17 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Select your career interest area and play me3@ASU. |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR | 3 | C | |
|  ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | | | |
|  MAT 117: College Algebra (MA) OR MAT 142: College Mathematics (MA) | 3 | C | |
|  TEL 101: Professional Educator Series: The Student Experience | 1 | | |
|  TEL 111: Exploration of Education (SB) | 3 | C | |
| Elective | 4 | | |
| Term hours subtotal: | 17 | | |

| Term 2 17 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • Join a student club or professional organization |
|  TEL 102: Professional Educator Series: Community Contexts | 3 | C | |
|  TEL 215: Introduction to Child and Adolescent Development (SB) | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | C | |
|  Milestone: Students must declare a BAE major upon the completion of 30 credits. Please meet with a Teachers College advisor to declare one of the BAE programs. | | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 13 | | |

[Hide Course List\(s\)/Track Group\(s\)](#)

Total Hours: 30
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.






2020 - 2021 Major Map




Educational Studies, BAE



School/College: Mary Lou Fulton Teachers College



Location: Polytechnic campus, Tempe campus, West campus

EDSLSTBAE

| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Select your career interest communities and play me3@ASU |
|  MAT 117: College Algebra (MA) OR MAT 142: College Mathematics (MA) | 3 | C | |
|  TEL 111: Exploration of Education (SB) | 3 | C | |
| EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) | 3 | C | |
| TEL 101: Professional Educator Series: The Student Experience | 1 | | |
| Elective | 1 | | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • Join a student club or professional organization • Consider studying abroad. Meet with your advisor for more information. • TEL 215 is the preferred course |
| CDE 232: Human Development (SB) OR TEL 215: Introduction to Child and Adolescent Development (SB) | 3 | C | |
| TEL 102: Professional Educator Series: Community Contexts | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Elective | 3 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 46 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  SPE 222: Orientation to Education of Exceptional Children (SB & C) OR TEL 208: Literacy in a Changing World | 3 | C | <ul style="list-style-type: none"> • Develop your skills • Select one track option from options below and complete all courses listed within the same track |
| TEL 203: Collaborating, Planning and Implementing Instruction in Diverse Contexts | 3 | C | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Elective | 3 | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 46 - 60 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  SPE 222: Orientation to Education of Exceptional Children (SB & C) OR TEL 208: Literacy in a Changing World | 3 | C | <ul style="list-style-type: none"> • USL 216 is the preferred course |

| | | |
|---|----|---|
| TEL 200: Social Embeddedness of Educational Endeavors OR USL 216: Service Learning: For Educators (L & C) | 3 | C |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | |
| Literacy and Critical Inquiry (L) | 3 | |
| Elective | 2 | |
| Term hours subtotal: | 14 | |

- Develop your professional online presence
- Meet with Teachers College Career Coach before the end of the term.

| Term 5 60 - 76 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ EDU 301: Why Education? | 3 | C | |
| ★ LSE 303: Human Development: Addressing Learner Capabilities | 3 | C | |
| ★ SPF 301: Culture and Schooling (L) | 3 | C | |
| Educational Studies Track Course | 3 | C | |
| Complete 2 courses: Upper Division Elective | 4 | | |
| Term hours subtotal: | 16 | | |

| Term 6 76 - 90 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ EDU 304: The Bridge Between Coursework, Identity and Career | 2 | C | |
| ★ EDU 396: Internship in Non-profit Learning Environments | 3 | C | |
| ★ LSE 305: Conceptualizing Learning: Theories in Practice | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Educational Studies Track Course | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 14 | | |

- Use Handshake to research employment opportunities

| Term 7 90 - 106 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ EDU 402: Partnering to Advance Educational Initiatives | 3 | C | |
| ★ EDU 484: Internship | 3 | C | |
| ★ LSE 401: Designing Learning Environments for Inclusion | 3 | C | |
| Complete 2 courses: Educational Studies Track Course | 6 | C | |
| Upper Division Elective | 1 | | |
| Term hours subtotal: | 16 | | |

- Complete an in-person or virtual practice interview
- Apply for full-time career opportunities

| Term 8 106 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ EDU 404: Navigating Change in Educational Innovations | 3 | C | |
| ★ EDU 498: Pro-seminar | 4 | C | |
| Educational Studies Track Course | 3 | C | |
| Upper Division Elective | 4 | | |
| Term hours subtotal: | 14 | | |

- Select one track from the options below and complete all courses listed within the same track.

Hide Course List(s)/Track Group(s)

| | | |
|---|---|--|
| Business | Community Health | Environmental Education |
| ACC 382: Accounting and Financial Analysis | HCR 220: Introduction to Health Professions and the U.S. Health Care System (H) | SCN 207: Introduction to Biomimicry |
| ECN 211: Macroeconomic Principles (SB) | HCR 231: Fundamentals of Community Health | SCN 307: Learning from Nature: Biomimicry and STEM or SCN 208: Introduction to Urban and Environmental Studies |
| FIN 380: Personal Financial Management | HCR 331: Communication within Communities | SCN 308: Urban Environmental Education or SCN 301: Ecology and Natural History of the Sonoran Desert (SG) |
| MGT 380: Management and Strategy for Nonmajors | HCR 335: Program Development and Management for Community Health | SCN 302: Environmental Education (L & G) |
| MKT 390: Essentials of Marketing | HCR 435: Leaders in Community Health | SCN 310: Biodiversity Conservation: An Educational Inquiry |
| Family and Human Development | Global Studies | Health Innovation |
| FAS 101: Personal Growth in Human Relationships (SB) | SGS 101: Thinking Globally: The Individual and Authority (SB & G) | HCI 311: Health Innovation: Foundational Concepts |
| FAS 264: Gender and Society (SB & C) | SGS 303: Global Trends (SB & G) | HCI 412: Transforming Health Care: A Systems Perspective for Innovation |
| FAS 331: Marriage and Family Relationships (SB) | SGS 304: Foundations of Cross-Cultural Awareness | HCI 421: Health Care Policy: The Innovator's View |
| FAS 370: Family Ethnic and Cultural Diversity (SB & C) | SGS Lower Division Elective | HCI 425: Facilitating Innovation to Achieve Outcomes |
| CDE Upper Division Elective | SGS Upper Division Elective | HCI 428: Technology: A Tool to Advance Innovation in Health Care |
| Nonprofit Administration | Organizational Leadership | Personal Health |
| NLM 160: Voluntary Action and Community Leadership (SB) | OGL 200: Introduction to Organizational Leadership (SB) | EXW 325: Fitness for Life |
| NLM 220: Introduction to Nonprofit Organizations | OGL 220: Behavioral Dynamics in Organizations (SB) | HEP 303: Human Sexuality for Health Education |
| NLM 300: Fund Raising and Resource Development | OGL 320: Foundations of Project Management | NTR 100: Introduction to Nutrition Science |
| NLM 310: Volunteer Management | OGL 340: Organizational Skills | HSC 355: Eating for Lifelong Health (SB) |
| NLM 430: Managing Nonprofit Organizations (L) | OGL 355: Leading Organizational Innovation and Change | EXW OR HEP Upper Division Elective |
| Political Science | Recreation Management | |
| POS 110: American Government and Politics (SB) | CRD 210: Community Services and Professions | |
| POS 150: Comparative Government (SB & G) | CRD 302: Inclusive Community Development (SB & C) | |
| POS 210: Political Ideologies (SB) | PRM 120: Leisure and the Quality of Life (SB) | |
| POS 360: World Politics (SB & G) | | |
| POS Upper Division Elective | | |

PRM 304: Recreation Planning and Facility
Development (L)

PRM 401: Managing Leisure Enterprises

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.









2020 - 2021 Major Map

Educational Studies, BAE

School/College: [Mary Lou Fulton Teachers College](#)

Location: [Online](#)

EDSLSTBAE

| Term 1 - A 0 - 7 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|----------------|--|
|  ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Select your career interest communities and play me3@ASU |
| ASU 101-UC: The ASU Experience | 1 | | |
| TEL 111: Exploration of Education (SB) | 3 | C | |
| Term hours subtotal: | 7 | | |
| | | | |
| Term 1 - B 7 - 13 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) | 3 | C | <ul style="list-style-type: none"> • View ASU Online first-year student registration information here. • Build your professional connections -- join the ASU Mentor Network |
| MAT 117: College Algebra (MA) OR MAT 142: College Mathematics (MA) | 3 | C | |
| Term hours subtotal: | 6 | | |
| Term 2 - A 13 - 22 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| CDE 232: Human Development (SB) OR TEL 215: Introduction to Child and Adolescent Development (SB) | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 9 | | |
| Term 2 - B 22 - 29 Credit Hours | Hours | Minimum Grade | Notes |
| TEL 102: Professional Educator Series: Community Contexts | 3 | C | Consider studying abroad. Meet with your advisor for more information. |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 7 | | |
| Term 3 - A 29 - 38 Credit Hours | Hours | Minimum Grade | Notes |
| TEL 203: Collaborating, Planning and Implementing Instruction in Diverse Contexts | 3 | C | <ul style="list-style-type: none"> • Develop your skills |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 9 | | |
| | | Minimum | |

| Term 3 - B 38 - 45 Credit Hours Critical course signified by ⚠ | Hours | Grade | Notes |
|--|-------|-------|--|
| ⚠ SPE 222: Orientation to Education of Exceptional Children (SB & C) OR TEL 208: Literacy in a Changing World | 3 | C | • Select one track option from options below and complete all courses listed within the same track |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| ⚠ Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 7 | | |

| Term 4 - A 45 - 54 Credit Hours Critical course signified by ⚠ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ⚠ TEL 200: Social Embeddedness of Educational Endeavors OR USL 216: Service Learning: For Educators (L & C) | 3 | C | • Meet with Teachers College career coach before the end of the term. |
| Literacy and Critical Inquiry (L) | 3 | | |
| Elective | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 4 - B 54 - 60 Credit Hours Critical course signified by ⚠ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ⚠ SPE 222: Orientation to Education of Exceptional Children (SB & C) OR TEL 208: Literacy in a Changing World | 3 | C | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 5 - A 60 - 69 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ EDU 301: Why Education? | 3 | C | • Develop your professional online presence |
| Educational Studies Track Course | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 5 - B 69 - 77 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ LSE 303: Human Development: Addressing Learner Capabilities | 3 | C | |
| ★ SPF 301: Culture and Schooling (L) | 3 | C | |
| Upper Division Elective | 2 | | |
| Term hours subtotal: | 8 | | |

| Term 6 - A 77 - 85 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ EDU 304: The Bridge Between Coursework, Identity and Career | 2 | C | • EDU 396 is a 15 week, C session course. |
| ★ EDU 396: Internship in Non-profit Learning Environments | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 8 | | |

| Term 6 - B 85 - 91 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ LSE 305: Conceptualizing Learning: Theories in Practice | 3 | C | |
| Educational Studies Track Course | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |

Term hours subtotal: 6

| Term 7 - A 91 - 100 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ EDU 402: Partnering to Advance Educational Initiatives | 3 | C | • EDU 484 is a 15 week, C session course. |
| ★ EDU 484: Internship | 3 | C | |
| Educational Studies Track Course | 3 | C | |
| Term hours subtotal: | 9 | | |

| Term 7 - B 100 - 106 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|----------------------------------|
| ★ LSE 401: Designing Learning Environments for Inclusion | 3 | C | • Gather professional references |
| Educational Studies Track Course | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 106 - 114 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ EDU 404: Navigating Change in Educational Innovations | 3 | C | • Apply for full-time career opportunities • EDU 498 is a 15 week, C session course. |
| ★ EDU 498: Pro-seminar | 4 | C | |
| Upper Division Elective | 1 | | |
| Term hours subtotal: | 8 | | |

| Term 8 - B 114 - 120 Credit Hours | Hours | Minimum Grade | Notes |
|-----------------------------------|-------|---------------|-------|
| Educational Studies Track Course | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

- Select one track from the options below and complete all courses listed within the same track.

Hide Course List(s)/Track Group(s)

| Business | Community Health | Family and Human Development |
|---|---|---|
| ACC 382: Accounting and Financial Analysis | HCR 220: Introduction to Health Professions and the U.S. Health Care System (H) | FAS 101: Personal Growth in Human Relationships (SB) |
| ECN 211: Macroeconomic Principles (SB) | HCR 231: Fundamentals of Community Health | FAS 264: Gender and Society (SB & C) |
| FIN 380: Personal Financial Management | HCR 331: Communication within Communities | FAS 331: Marriage and Family Relationships (SB) |
| MGT 380: Management and Strategy for Nonmajors | HCR 335: Program Development and Management for Community Health | FAS 370: Family Ethnic and Cultural Diversity (SB & C) |
| MKT 390: Essentials of Marketing | HCR 435: Leaders in Community Health | CDE Upper Division Elective |
| Global Studies | Health Innovations | Organizational Leadership |
| SGS 101: Thinking Globally: The Individual and Authority (SB & G) | HCI 311: Health Innovation: Foundational Concepts | OGL 200: Introduction to Organizational Leadership (SB) |
| SGS 303: Global Trends (SB & G) | | |

| | | |
|--|---|---|
| SGS 304: Foundations of Cross-Cultural Awareness | HCI 412: Transforming Health Care: A Systems Perspective for Innovation | OGL 220: Behavioral Dynamics in Organizations (SB) |
| SGS Lower Division Elective | HCI 421: Health Care Policy: The Innovator's View | OGL 320: Foundations of Project Management |
| SGS Upper Division Elective | HCI 425: Facilitating Innovation to Achieve Outcomes | OGL 340: Special Topics |
| | HCI 428: Technology: A Tool to Advance Innovation in Health Care | OGL 355: Leading Organizational Innovation and Change |
| Personal Health | Political Science | |
| EXW 325: Fitness for Life | POS 110: American Government and Politics (SB) | |
| HEP 303: Human Sexuality for Health Education | POS 150: Comparative Government (SB & G) | |
| NTR 100: Introductory Nutrition | POS 210: Political Ideologies (SB) | |
| NTR 355: Eating for Lifelong Health (SB) | POS 360: World Politics (SB & G) | |
| EXW OR HEP Upper Division Elective | POS Upper Division Elective | |

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.













2020 - 2021 Major Map

Educational Studies (Early Childhood Education), BAE



School/College: Mary Lou Fulton Teachers College



Location: Online



TEESECEBAE

| Term 1 - A 0 - 7 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  MAT 142: College Mathematics (MA) | 3 | | <ul style="list-style-type: none"> An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses Mathematics Placement Assessment score determines placement in mathematics course ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| ASU 101-UC: The ASU Experience | 1 | | |
| Term hours subtotal: | 7 | | |
| Term 1 - B 7 - 15 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  TEL 111: Exploration of Education (SB) | 3 | C | <ul style="list-style-type: none"> View ASU Online first-year registration information here. Build your professional connections -- join the ASU Mentor Network. |
| ECD 220: Introduction to Nutrition, Health and Safety | 2 | C | |
| EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) | 3 | C | |
| Term hours subtotal: | 8 | | |
| Term 2 - A 15 - 22 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  SPE 222: Orientation to Education of Exceptional Children (SB & C) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| Elective | 1 | | |
| Term hours subtotal: | 7 | | |
| Term 2 - B 22 - 29 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  TEL 102: Professional Educator Series: Community Contexts | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 7 | | |
| Term 3 - A 29 - 38 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  TEL 215: Introduction to Child and Adolescent Development (SB) | 3 | C | <ul style="list-style-type: none"> Develop your skills |
| TEL 203: Collaborating, Planning and Implementing Instruction in Diverse Contexts | 3 | C | |
| Global Awareness (G) | 3 | | |
| Term hours subtotal: | 9 | | |
| Term 3 - B 38 - 44 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |




| | |
|--|---|
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 |
| Literacy and Critical Inquiry (L) | 3 |
|  Complete Mathematics (MA) requirement. | |
| Term hours subtotal: | 6 |

| Term 4 - A 44 - 53 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  TEL 200: Social Embeddedness of Educational Endeavors | 3 | C | <ul style="list-style-type: none"> Secure an approved work or volunteer placement for upper division coursework beginning in Term 5. |
| Educational Studies Track Course | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Term hours subtotal: | 9 | | |

| Term 4 - B 53 - 60 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  TEL 208: Literacy in a Changing World | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Term hours subtotal: | 7 | | |

| Term 5 - A 60 - 69 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  FAS 370: Family Ethnic and Cultural Diversity (SB & C) | 3 | C | <ul style="list-style-type: none"> Students must secure an approved ASU work or volunteer placement for upper division coursework. Select one track option from below and complete all courses listed within the same track. Develop your professional online presence. |
| ECD 327: Becoming a Teacher Leader | 3 | C | |
| Educational Studies Track Course | 3 | C | |
| Term hours subtotal: | 9 | | |

| Term 5 - B 69 - 75 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ECD 310: Applied Early Child Development | 3 | C | |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 6 - A 75 - 84 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|  CDE 350: Inequality and Diversity in Education (L & C) | 3 | C | |
|  ECS 321: Communication, Language Development, and Emergent Literacy | 3 | C | |
| Educational Studies Track Course | 3 | C | |
| Term hours subtotal: | 9 | | |

| Term 6 - B 84 - 90 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|  CDE 430: Infant/Toddler Development in the Family (SB) | 3 | C | |
|  Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| ECD 325: Supporting Dual Language Learners | 3 | C | |
| Term hours subtotal: | 6 | | |

| Term 7 - A 90 - 99 Credit Hours | Hours | Minimum Grade | Notes |
|---------------------------------|-------|---------------|-------|
| | | | |

| | | |
|--|---|---|
| ECD 322: Cognition and General Knowledge: Science, Math, Logic and Reasoning | 3 | C |
| ECS 315: Classroom Organization and Child Guidance | 3 | C |
| Educational Studies Track Course | 3 | C |
| Term hours subtotal: | 9 | |

| Term 7 - B 99 - 105 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|----------------------------------|
| ★ PAF 410: Building Leadership Skills (SB) | 3 | C | • Gather professional references |
| Upper Division Elective | 3 | | |
| Term hours subtotal: | 6 | | |

| Term 8 - A 105 - 114 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ ECS 427: Highly Individualized Teaching and Learning | 3 | C | • Apply for full-time career opportunities |
| ★ ECS 430: Systems, Policy, and Advocacy in Early Childhood/Special Education | 3 | C | |
| Educational Studies Track Course | 3 | C | |
| Term hours subtotal: | 9 | | |

| Term 8 - B 114 - 120 Credit Hours | Hours | Minimum Grade | Notes |
|-----------------------------------|-------|---------------|-------|
| ECD 476: Intentional Teaching | 3 | C | |
| Elective | 3 | | |
| Term hours subtotal: | 6 | | |

- Select one track option from below and complete all courses listed within the same track.

Hide Course List(s)/Track Group(s)

| Business | Community Health | Family and Human Development |
|---|---|---|
| ACC 382: Accounting and Financial Analysis | HCR 220: Introduction to Health Professions and the U.S. Health Care System (H) | CDE 232: Human Development (SB) |
| ECN 211: Macroeconomic Principles (SB) | HCR 231: Fundamentals of Community Health | CDE 450: Child Dysfunction in the Family |
| FIN 380: Personal Financial Management | HCR 331: Communication within Communities | FAS 101: Personal Growth in Human Relationships (SB) |
| MGT 380: Management and Strategy for Nonmajors | HCR 335: Program Development and Management for Community Health | FAS 331: Marriage and Family Relationships (SB) |
| MKT 390: Essentials of Marketing | HCR 435: Leaders in Community Health | CDE Upper Division Elective |
| Global Studies | Health Innovations | Organizational Leadership |
| SGS 101: Thinking Globally: The Individual and Authority (SB & G) | HCI 311: Health Innovation: Foundational Concepts | OGL 200: Introduction to Organizational Leadership (SB) |
| SGS 303: Global Trends (SB & G) | HCI 412: Transforming Health Care: A Systems Perspective for Innovation | OGL 220: Behavioral Dynamics in Organizations (SB) |
| SGS 304: Foundations of Cross-Cultural Awareness | | |

| | | |
|---|--|---|
| SGS Lower Division Elective | HCI 421: Health Care Policy: The Innovator's View | OGL 320: Foundations of Project Management |
| SGS Upper Division Elective | HCI 425: Facilitating Innovation to Achieve Outcomes | OGL 340: Special Topics |
| | HCI 428: Technology: A Tool to Advance Innovation in Health Care | OGL 355: Leading Organizational Innovation and Change |
| Personal Health | Political Science | |
| EXW 325: Fitness for Life | POS 110: American Government and Politics (SB) | |
| HEP 303: Human Sexuality for Health Education | POS 150: Comparative Government (SB & G) | |
| NTR 100: Introduction to Nutrition Science | POS 210: Political Ideologies (SB) | |
| NTR 355: Eating for Lifelong Health (SB) | POS 360: World Politics (SB & G) | |
| EXW OR HEP Upper Division Elective | POS Upper Division Elective | |

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition














General Studies designations listed on the major map are current for the 2020 - 2021 academic year.

2020 - 2021 Major Map

Elementary Education, BAE

School/College: Mary Lou Fulton Teachers College

Location: Polytechnic campus, Tempe campus, West campus, ASU@Lake Havasu, ASU@The Gila Valley
TEEEDBAE

| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Select your career interest communities and play me3@ASU. |
|  MAT 117: College Algebra (MA) OR MAT 142: College Mathematics (MA) | 3 | C | |
|  TEL 111: Exploration of Education (SB) | 3 | C | |
| EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) | 3 | C | |
| TEL 101: Professional Educator Series: The Student Experience | 1 | | |
| Elective | 1 | | |
| Term hours subtotal: | 14 | | |
| Term 2 14 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • Join a student club or professional organization |
|  TEL 215: Introduction to Child and Adolescent Development (SB) | 3 | C | |
| TEL 102: Professional Educator Series: Community Contexts | 3 | C | |
| Humanities, Arts and Design (HU) (RDG 291 recommended) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |
| Term 3 30 - 45 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  SPE 222: Orientation to Education of Exceptional Children (SB & C) OR TEL 208: Literacy in a Changing World | 3 | C | <ul style="list-style-type: none"> • Develop your skills |
|  TEL 203: Collaborating, Planning and Implementing Instruction in Diverse Contexts | 3 | C | |
| MTE 280: Investigating Quantity: Number, Operations & Numeration Systems | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | C | |
| Elective | 2 | | |
| Complete Mathematics (MA) requirement. | | | |
| Milestone: Submit Identity Verified Print (IVP) DPS fingerprint clearance card. | | | |
| Term hours subtotal: | 15 | | |
| Term 4 45 - 60 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |

| | | |
|--|----|---|
| ❖ SPE 222: Orientation to Education of Exceptional Children (SB & C) OR TEL 208: Literacy in a Changing World | 3 | C |
| ❖ USL 216: Service Learning: For Educators (L & C) | 3 | C |
| MTE 281: Investigating Space: Geometry, Measurement, and Visualization | 3 | C |
| Historical Awareness (H) (GCU 113 recommended) | 3 | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | |
| Milestone: Complete online Intent to Progress form (meet with advisor). | | |
| Minimum 2.50 GPA ASU Cumulative. | | |
| Term hours subtotal: | 15 | |

- Must complete at least 60 credits, including all foundational coursework, to progress into upper division.
- Develop your **professional online presence**

| Term 5 60 - 77 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ BLE 408: SEI for Linguistically Diverse Learners (L) | 3 | C | • Complete an in person or virtual practice interview |
| ★ EDP 311: Educational Psychology for Future Teachers (SB) | 3 | C | |
| ★ EED 396: Clinical Experience I | 2 | C | |
| ★ EED 411: Science in Elementary Schools | 3 | C | |
| ★ EED 433: Language Method Management and Assessment | 3 | C | |
| ★ MTE 301: Investigating Change: Patterns, Functions, and Modeling | 3 | C | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 17 | | |

| Term 6 77 - 94 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ EED 324: Social Studies in Elementary Schools | 3 | C | |
| ★ EED 397: Clinical Experience II | 2 | C | |
| ★ EED 412: Mathematics in Elementary Schools | 3 | C | |
| ★ RDG 322: Language Literacy 1 in Elementary Schools | 3 | C | |
| ★ SCN 400: Sustainability Science for Teachers | 3 | C | |
| ★ SPE 323: Behavioral Strategies for All Students | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 17 | | |

| Term 7 94 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ BLE 404: Instructional Design for Culturally and Linguistically Diverse Students | 3 | C | |
| ★ EED 478: Student Teaching: Elementary School (Grades 1-8) | 5 | C | |
| ★ RDG 413: Language Literacy 2 in Elementary Schools | 3 | C | |
| ★ SPE 416: Quality Practices in the Collaborative Classroom | 3 | C | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 14 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|---|----|----|
| ★ EED 478: Student Teaching: Elementary School (Grades 1-8) | 12 | C |
| Term hours subtotal: | | 12 |

Hide Course List(s)/Track Group(s)

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.





2020 - 2021 Major Map




Elementary Education (Bilingual Education and English as a Second Language), **BAE**




School/College: Mary Lou Fulton Teachers College


Location: Tempe campus

TEDLLBAE

| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into First-Year Composition courses • Mathematics Placement Assessment score determines placement into mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Select your career interest area and play me3@ASU |
|  MAT 117: College Algebra (MA) OR MAT 142: College Mathematics (MA) | 3 | C | |
|  TEL 111: Exploration of Education (SB) | 3 | C | |
| EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) | 3 | C | |
| TEL 101: Professional Educator Series: The Student Experience | 1 | | |
| Elective | 1 | | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • Join a student club or professional organization |
|  TEL 215: Introduction to Child and Adolescent Development (SB) | 3 | C | |
| TEL 102: Professional Educator Series: Community Contexts | 3 | C | |
| Humanities, Arts and Design (HU) (RDG 291 recommended) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 45 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  SPE 222: Orientation to Education of Exceptional Children (SB & C) OR TEL 208: Literacy in a Changing World | 3 | C | <ul style="list-style-type: none"> • Develop your skills |
|  TEL 203: Collaborating, Planning and Implementing Instruction in Diverse Contexts | 3 | C | |
| MTE 280: Investigating Quantity: Number, Operations & Numeration Systems | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | C | |
| Elective | 2 | | |
| Complete Mathematics (MA) requirement. | | | |
| Milestone: Submit Identity Verified Print (IVP) DPS fingerprint clearance card. | | | |
| Term hours subtotal: | 15 | | |

| Term 4 45 - 60 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|--|----|---|
| ◆ SPE 222: Orientation to Education of Exceptional Children (SB & C) OR TEL 208: Literacy in a Changing World | 3 | C |
| ◆ USL 216: Service Learning: For Educators (L & C) | 3 | C |
| MTE 281: Investigating Space: Geometry, Measurement, and Visualization | 3 | C |
| Historical Awareness (H) (GCU 113 recommended) | 3 | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | |
| ◆ Milestone: Complete online Intent to Progress form (meet with advisor). | | |
| ◆ Minimum 2.50 GPA ASU Cumulative. | | |
| Term hours subtotal: | 15 | |

- Must complete a minimum of 60 credits, including foundational coursework, to progress into upper division.
- Develop your professional online presence

| Term 5 60 - 77 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ BLE 396: Clinical Experience I | 2 | C | |
| ★ BLE 400: Principles of Language Minority Education | 3 | C | |
| ★ BLE 408: SEI for Linguistically Diverse Learners (L) | 3 | C | |
| ★ EDP 311: Educational Psychology for Future Teachers (SB) | 3 | C | |
| ★ MTE 301: Investigating Change: Patterns, Functions, and Modeling | 3 | C | |
| ★ SCN 400: Sustainability Science for Teachers | 3 | C | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 17 | | |

| Term 6 77 - 94 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ BLE 322: Reading Methods in BLE/ESL Settings | 3 | C | • Complete an in person or virtual practice interview |
| ★ BLE 397: Clinical Experience II | 2 | C | |
| ★ BLE 412: Mathematics Curriculum, Instruction and Assessment in BLE/ESL Settings | 3 | C | |
| ★ BLE 413: Language Arts in BLE/ESL Settings | 3 | C | |
| ★ BLE 481: Reading Practicum | 3 | C | |
| ★ SPE 416: Quality Practices in the Collaborative Classroom | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 17 | | |

| Term 7 94 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ BLE 324: Social Studies for Diverse Language Classrooms | 3 | C | |
| ★ BLE 411: Science Curriculum, Instruction and Assessment in BLE/ESL Settings | 3 | C | |
| ★ BLE 478: Student Teaching: BLE/ESL Elementary Schools 1-8 | 5 | C | |
| ★ SPE 323: Behavioral Strategies for All Students | 3 | C | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 14 | | |

| | | Minimum | |
|--|--|---------|--|
|--|--|---------|--|

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Grade | Notes |
|--|-------|-------|-------|
| ★ BLE 335: Language Diversity in Classrooms (SB) | 3 | C | |
| ★ BLE 478: Student Teaching: BLE/ESL Elementary Schools 1-8 | 6 | C | |
| ★ MCE 447: Diversity in Families and Communities in Multicultural Settings | 3 | C | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | | 12 | |

Hide Course List(s)/Track Group(s)

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.














2020 - 2021 Major Map

Elementary Education (Science, Technology, Engineering and Mathematics), BAE

School/College: Mary Lou Fulton Teachers College

Location: Polytechnic campus

TEESTEMBAE

| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Select your career interest area and play me3@ASU |
|  MAT 142: College Mathematics (MA) OR MAT 117: College Algebra (MA) OR MAT 170: Precalculus (MA) | 3 | C | |
|  TEL 111: Exploration of Education (SB) | 3 | | |
| EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) | 3 | C | |
| TEL 101: Professional Educator Series: The Student Experience | 1 | | |
| Elective | 1 | | |
| Term hours subtotal: | 14 | | |
| Term 2 14 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • Build your professional connections -- join the ASU Mentor Network |
|  TEL 215: Introduction to Child and Adolescent Development (SB) | 3 | C | |
| TEL 102: Professional Educator Series: Community Contexts | 3 | C | |
| Humanities, Arts and Design (HU) (RDG 291 recommended) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |
| Term 3 30 - 45 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  SPE 222: Orientation to Education of Exceptional Children (SB & C) OR TEL 208: Literacy in a Changing World | 3 | C | <ul style="list-style-type: none"> • Join a student club or professional organization |
|  TEL 203: Collaborating, Planning and Implementing Instruction in Diverse Contexts | 3 | C | |
| MTE 280: Investigating Quantity: Number, Operations & Numeration Systems | 3 | C | |
| DSC OR ERM OR HSE OR MAT OR SCN OR SOS Elective | 3 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Complete Mathematics (MA) requirement. | | | |
| Milestone: Complete online Intent to Progress form (meet with advisor). Milestone: Submit Identity Verified Print (IVP) DPS fingerprint clearance card. | | | |
| Term hours subtotal: | 15 | | |
| Term 4 45 - 60 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |

| | | |
|--|----|---|
| ◆ SPE 222: Orientation to Education of Exceptional Children (SB & C) OR TEL 208: Literacy in a Changing World | 3 | C |
| ◆ USL 216: Service Learning: For Educators (L & C) | 3 | C |
| MTE 281: Investigating Space: Geometry, Measurement, and Visualization | 3 | C |
| SCN 309: Environmental Education Project | 1 | C |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) (SCN 301 recommended) | 4 | C |
| Elective | 1 | |
| Minimum 2.50 GPA ASU Cumulative. | | |
| Term hours subtotal: | 15 | |

- Must complete at least 60 credits, including foundational coursework, to progress into upper division.
- Develop your **skills**

| Term 5 60 - 77 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ BLE 408: SEI for Linguistically Diverse Learners (L) OR SPE 317: Special Education for Culturally and Linguistically Diverse Children and Youth | 3 | C | <ul style="list-style-type: none"> • Clinical Experience placement will be in a math or science classroom. • Develop your professional online presence |
| ★ EDP 311: Educational Psychology for Future Teachers (SB) | 3 | C | |
| ★ EED 396: Clinical Experience I | 2 | C | |
| ★ EED 433: Language Method Management and Assessment | 3 | C | |
| ★ MTE 301: Investigating Change: Patterns, Functions, and Modeling | 3 | C | |
| ★ SCN 411: Science in Elementary Schools | 3 | C | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 17 | | |

| Term 6 77 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ EED 397: Clinical Experience II | 2 | C | <ul style="list-style-type: none"> • Must pass National Evaluation Series (NES) exam for middle grade math or science. |
| ★ MTE 412: Mathematics in Elementary Schools | 3 | C | |
| ★ RDG 322: Language Literacy 1 in Elementary Schools | 3 | C | |
| ★ SCN 302: Environmental Education (L & G) | 3 | C | |
| ★ SPE 323: Behavioral Strategies for All Students | 3 | C | |
| DSC OR ERM OR HSE OR MAT OR SCN OR SOS Elective | 2 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ EED 324: Social Studies in Elementary Schools | 3 | C | |
| ★ EED 478: Student Teaching: Elementary School (Grades 1-8) | 5 | C | |
| ★ RDG 413: Language Literacy 2 in Elementary Schools | 3 | C | |
| ★ SPE 416: Quality Practices in the Collaborative Classroom | 3 | C | |
| SCN 309: Environmental Education Project | 1 | C | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  EED 478: Student Teaching: Elementary School (Grades 1-8) | 12 | C | |
| Term hours subtotal: | | 12 | |

Hide Course List(s)/Track Group(s)

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition



General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map




Secondary Education, BAE



School/College: [Mary Lou Fulton Teachers College](#)

Location: [Polytechnic campus](#), [Tempe campus](#), [West campus](#), [ASU@The Gila Valley](#), [ASU@Yuma](#)
TESEDBAE

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Select your career interest communities and play me3@ASU |
| MAT 142: College Mathematics (MA) | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| Social-Behavioral Sciences (SB) (TEL 111 recommended) | 3 | | |
| Elective | 4 | | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • Courses selected for the Track Area must be from the same track. Students should not mix/match track areas. • Network in your career interest area |
| SPE 222: Orientation to Education of Exceptional Children (SB & C) | 3 | C | |
| Track Course | 3 | C | |
| Computer/Statistics/Quantitative Applications (CS) (EDT 180 recommended) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 47 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  Track Course | 3 | C | <ul style="list-style-type: none"> • Develop your skills |
| Historical Awareness (H) (GCU 113 recommended) | 3 | | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Complete 2 courses: | 6 | | |
| Elective | | | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 15 | | |

| Term 4 47 - 60 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  Complete 2 courses: | | | <ul style="list-style-type: none"> • Apply for an Identity Verified Print (IVP) DPS fingerprint clearance card. • Your IVP fingerprint card will be needed for professional classroom experiences. |
| Track Course | 6 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | C | |
| Elective | 3 | | |

Minimum 2.50 GPA ASU Cumulative.

Term hours subtotal: 13

| Term 5 60 - 76 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ Complete 2 courses: Track Course | 6 | C | <ul style="list-style-type: none"> • Students may take courses in a different sequence, depending on campus location. • Students at EAC and AWC will enroll in SED 464 and SED 396. • Concurrent degree students should meet with their Teachers College advisor early in Term 5 to provide copy of their IVP fingerprint card and submit paperwork needed to start the professional pathways program. • Education program requires students to participate in clinical experience internships (one day a week) and a student teaching residency (full-time commitment in your last semester) in 6-12th grade classrooms. Reliable transportation is important. • Attendance is required at an orientation prior to enrollment in education course work. • Develop your professional online presence |
| EDP 313: Childhood and Adolescence (SB) | 3 | C | |
| TEL 311: Instruction and Management in the Inclusive Classroom | 3 | C | |
| Upper Division Elective (SED 396 recommended) | 1 | | |
| Upper Division Elective (SED 464 recommended) | 3 | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 6 76 - 92 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ SED 397: Clinical Experience II | 1 | C | <ul style="list-style-type: none"> • Use Handshake to research employment opportunities |
| BLE 407: SEI for Secondary Students (L) | 3 | C | |
| RDG 323: Literacy Processes in Content Areas | 3 | C | |
| SPE 417: Inclusion Practices at the Secondary Level | 3 | C | |
| Track Course | 3 | C | |
| Upper Division Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 7 92 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ SED 496: Clinical Experience III | 1 | | <ul style="list-style-type: none"> • Students seeking teacher certification must pass required educator exams. Please speak with your advisor to plan appropriately. |
| SED 322: Classroom Leadership in Secondary Schools (L) | 3 | C | |
| Methods Course | 3 | | |
| Track Course | 3 | C | |
| Upper Division Elective | 6 | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ SED 478: Student Teaching: Secondary Education (Grades 6-12) OR Upper Division Non-Teacher Certification Track Minimum 2.50 GPA ASU Cumulative. | 12 | C | <ul style="list-style-type: none"> • Students at EAC and AWC must take SED 478 to meet program requirements and qualify for teacher certification. |
| Term hours subtotal: | 12 | | |

- Students pursuing this program as a concurrent degree, who choose not to participate in student teaching, must select 12 hours from the non-certification track group. Without student teaching, you will not qualify for a Secondary Education Certification credential, but you will still earn a degree in Secondary Education. You may be eligible for an Arizona Subject Matter Expert credential. Please consult with your academic advisor and the [Arizona Department of Education](#) for clarification. We highly recommend all students complete student teaching.

- Courses selected for Track Area must be from same track. Students should not mix/match track areas.

Hide Course List(s)/Track Group(s)

| Biology Track Courses | Business Track Courses | Chemistry Track Courses |
|--|--|--|
| BIO 181: General Biology I (SQ) | ACC 231: Uses of Accounting Information I | CHM 113: General Chemistry I (SQ) |
| BIO 182: General Biology II (SG) | ACC 241: Uses of Accounting Information II | CHM 116: General Chemistry II (SQ) |
| BIO 320: Fundamentals of Ecology | ECN 211: Macroeconomic Principles (SB) | CHM 233: General Organic Chemistry I AND CHM 237: General Organic Chemistry Laboratory I |
| BIO 340: General Genetics | ECN 212: Microeconomic Principles (SB) | CHM 234: General Organic Chemistry II AND CHM 238: General Organic Chemistry Laboratory II |
| BIO 345: Evolution | MGT 300: Organization and Management Leadership | CHM OR BCH Elective |
| BIO OR MIC OR SCN OR ABS Elective | MKT 300: Marketing and Business Performance | |
| | SCM 300: Global Supply Operations | |
| | MGT OR MKT OR SCM OR FIN Elective | |
| Earth and Space Track Courses | Economics Track Courses | English Track Courses |
| AST 111: Introduction to Solar Systems Astronomy (SQ) AND AST 113: Astronomy Laboratory I (SQ) | ECN 211: Macroeconomic Principles (SB) | ENG 200: Critical Reading and Writing About Literature (L or HU) |
| GLG 101: Introduction to Geology I (Physical) (SQ) AND GLG 103: Introduction to Geology I-Laboratory (SQ) | ECN 212: Microeconomic Principles (SB) | ENG 221: Survey of English Literature (HU) |
| SES 121: Earth Solar System and Universe (SQ) AND SES 123: Earth Solar System and Universe Laboratory (SQ) | ECN 221: Business Statistics (CS) | ENG 222: Survey of English Literature (HU & H) |
| SES 122: History of the Earth and Solar System AND SES 124: History of the Earth and Solar System Laboratory | ECN 312: Intermediate Microeconomic Theory (SB) | ENG 241: Literatures of the United States to 1860 (L or HU) & C) |
| SES 126: Exploration of the Universe AND SES 128: Exploration of the Universe Lab | ECN 313: Intermediate Macroeconomic Theory (SB) | ENG 242: Literatures of the United States 1860 to Present (HU) |
| GLG OR AST OR GPH Elective | ECN Elective | ENG 471: Literature for Young Adults (HU) |
| | | ENG Elective |

| | | |
|---|---|--|
| General Science Track Courses | Geography Track Courses | History Track Courses |
| AST 111: Introduction to Solar Systems Astronomy (SQ) AND AST 113: Astronomy Laboratory I (SQ) | GCU 102: Introduction to Human Geography (SB & G) | HST 100: Global History to 1500 (HU & H & G) |
| BIO 181: General Biology I (SQ) | GCU 121: World Geography (SB & G) | HST 101: Global History Since 1500 (HU & H & G) |
| BIO 182: General Biology II (SG) | GCU 241: The Global Economy in Transition (SB & G) | HST 109: United States to 1865 ((HU or SB) & H) |
| CHM 113: General Chemistry I (SQ) | GIS 205: Geographic Information Science I (CS) | HST 110: United States Since 1865 (SB & H) |
| CHM 116: General Chemistry II (SQ) | GPH 111: Introduction to Physical Geography (SQ) | HST Elective |
| GLG 101: Introduction to Geology I (Physical) (SQ) AND GLG 103: Introduction to Geology I-Laboratory (SQ) | GPH 112: Introduction to Physical Geography Lab (SQ) | |
| GLG 102: Introduction to Geology II (Historical) (SG & H) AND GLG 104: Introduction to Geology II-Laboratory (SG) | GCU 113: United States and Arizona Social Studies (SB & H) | |
| PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ) | GCU 114: World Social Studies (SB & G & H) | |
| PHY 112: General Physics (SQ) AND PHY 114: General Physics Laboratory (SQ) | GCU OR GPH OR GIS Elective | |
| SCN 300: Foundations of Environmental Education | | |
| Mathematics Track Courses | Physics Track Courses | Political Science Track Courses |
| MAT 270: Calculus with Analytic Geometry I (MA) | PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ) | POS 110: American Government and Politics (SB) or POS 310: American National Government (SB) |
| MAT 271: Calculus with Analytic Geometry II (MA) | PHY 112: General Physics (SQ) AND PHY 114: General Physics Laboratory (SQ) | POS 150: Comparative Government (SB & G) |
| MAT 272: Calculus with Analytic Geometry III (MA) | PHY 121: University Physics I: Mechanics (SQ) AND PHY 122: University Physics Laboratory I (SQ) | POS 160: Global Politics (SB & G) |
| MAT 300: Mathematical Structures (L) | PHY 131: University Physics II: Electricity and Magnetism (SQ) AND PHY 132: University Physics Laboratory II (SQ) | POS 210: Political Ideologies (SB) |
| MAT 310: Introduction to Geometry | PHY 252: Physics III (SQ) | POS 301: Empirical Political Inquiry (SB) |
| MAT OR MTE OR STP Elective | PHY Elective | POS Elective |
| Chinese Track Courses | French Track Courses | German Track Courses |
| CHI 201: Second-Year Chinese I (G) | FRE 201: Intermediate French I (G) | GER 201: Intermediate German I (G) |
| CHI 202: Second-Year Chinese II (G) | FRE 202: Intermediate French II (G) | GER 202: Intermediate German II (G) |
| CHI 301: Third-Year Chinese I (G) | FRE 305: Readings in French Literature (G) | GER 310: Advanced German Grammar and Composition I (G) |
| CHI 302: Third-Year Chinese II (G) | FRE 311: Oral and Written Expression I (G) | GER 311: German Conversation (G) |
| CHI Elective | FRE 312: Oral and Written Expression II (G) | GER 312: Readings in German Culture (G) |
| | FRE Elective | GER 313: Advanced German Grammar and Composition II (G) |

GER Elective

| Japanese Track Courses | Spanish Track Courses | Methods Course |
|--|---|--|
| JPN 201: Second-Year Japanese I (G) | SPA 201: Intermediate Spanish (G) | BIO 480: Methods of Teaching Biology |
| JPN 202: Second-Year Japanese II (G) | SPA 202: Intermediate Spanish (G) | CHM 480: Methods of Teaching Chemistry |
| JPN 301: Third-Year Japanese I (G) | SPA 313: Spanish Conversation and Composition (G) | ENG 480: Methods of Teaching English: Composition (L) |
| JPN 302: Third-Year Japanese II (G) | SPA 314: Spanish Conversation and Composition (G) | ENG 482: Methods of Teaching English: Language (L) |
| JPN Elective | SPA 315: Advanced Spanish I for Bilinguals (C) | HST 480: Methods of Teaching History: Classroom Resources |
| | SPA 316: Advanced Spanish II for Bilinguals (L & C) | MTE 482: Methods of Teaching Mathematics in Secondary School |
| | SPA 412: Advanced Conversation and Composition (G) | MTE 494: Advanced Methods of Teaching Mathematics in Secondary Schools |
| | SPA 413: Spanish Grammar in Context (G) | PHY 480: Methods of Teaching Physics |
| | SPA Elective | SED 403: Secondary Principles Curriculum and Methods |
| | | SED 480: Special Methods of Teaching Social Studies |
| | | SED 482: Science Teaching Methods for Secondary Schools |
| | | SES 480: Teaching Earth and Space Sciences |
| Non-Teacher Certification Track | | |
| ECS Upper Division Elective | | |
| EDT Upper Division Elective | | |
| EDP Upper Division Elective | | |
| SCN Upper Division Elective | | |
| SED Upper Division Elective | | |
| SPE Upper Division Elective | | |
| SPF Upper Division Elective | | |
| TEL Upper Division Elective | | |
| USL Upper Division Elective | | |

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)

- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.

2020 - 2021 Major Map

Biological Sciences, BS

School/College: The College of Liberal Arts and Sciences

Location: ,

LABSCBS

and



Secondary




Education,



BAE

Mary Lou Fulton Teachers College

TESEDBAE

| Term 1 0 - 15 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  LIA 101: Student Success in The College of Liberal Arts and Sciences | 1 | | <ul style="list-style-type: none"> Mathematics Placement Assessment score determines placement in mathematics and science courses. An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses. ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. Students transferring General Biology I (BIO 181) will fulfill BIO 281 requirement. Students transferring General Statistics (STP 226 or PSY 230) will fulfill STP 231 requirement. Select your Career Interest Communities and play me3@ASU. |
| BIO 281: Conceptual Approaches to Biology for Majors I (SQ) | 4 | C | |
| CHM 113: General Chemistry I (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| STP 231: Statistics for Life Science (CS) | 3 | C | |
| Term hours subtotal: | 15 | | |

| Term 2 15 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| BIO 282: Conceptual Approaches to Biology for Majors II | 4 | C | <ul style="list-style-type: none"> Activate your Handshake account and build out your profile. Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.). Students transferring General Biology II (BIO 182) will fulfill BIO 282 requirement. Students transferring Calculus (MAT 270 or MAT 210) will fulfill MAT 251 requirement. |
| CHM 116: General Chemistry II (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 251: Calculus for Life Sciences (MA) | 3 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
|  Complete BIO 281 AND BIO 282 course(s). | | | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 17 | | |

| Term 3 32 - 49 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  BIO 340: General Genetics | 4 | C | <ul style="list-style-type: none"> Pre-health students should take CHM 233 and CHM 237 instead of CHM 231 and CHM 235. See the pre-health website for more information. |
| CHM 231: Elementary Organic Chemistry (SQ) AND CHM 235: Elementary Organic Chemistry Laboratory (SQ) | 4 | C | |
| Science and Society Elective | 3 | C | |

| | |
|--|----|
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) (GCU 113 recommended) | 3 |
| ◆ Complete First-Year Composition requirement. | |
| ◆ Complete Mathematics (MA) requirement. | |
| Term hours subtotal: | 17 |

- If CHM 233 and 237 are taken, then CHM 234 and 238 must be taken the following semester.
- Attend a [Study Abroad 101 Session](#).
- GCU 113 satisfies the US/AZ constitution requirement needed for teacher certification.

| Term 4 49 - 64 Credit Hours Critical course signified by ◆ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ◆ BIO 345: Evolution | 3 | C | <ul style="list-style-type: none"> • Apply for an Identity Verified Print (IVP) DPS fingerprint card, required by state law for participation in internships in 6-12th grade schools. • Meet with the Career & Professional Development Center to learn how to develop professional skills. |
| EDP 313: Childhood and Adolescence (SB) | 3 | C | |
| SPE 222: Orientation to Education of Exceptional Children (SB & C) | 3 | C | |
| Upper Division Science and Society Elective | 3 | C | |
| Additional Major Requirement Course | 3-4 | C | |
| Term hours subtotal: | 15-16 | | |

| Term 5 64 - 78 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ Major Laboratory/Research Course | 1-4 | C | <ul style="list-style-type: none"> • Meet with a Mary Lou Fulton Teachers College advisor early in the semester to discuss education program requirements and submit copy of IVP fingerprint card. Once this is completed, you will be asked to attend a professional pathways program orientation. These steps must be completed prior to enrolling in Term 6 courses. • Pre-health students should take PHY 111 and PHY 113 instead of PHY 101 in this term. See the pre-health website for more information. • Explore graduate school or full-time employment opportunities. |
| ★ Upper Division Major Elective Course | 3 | C | |
| PHY 101: Introduction to Physics (SQ) | 4 | C | |
| Complete 2 courses: | 6 | C | |
| Upper Division Additional Major Requirement Course | | | |
| ★ Milestone: Complete online Intent to Progress form (meet with advisor). | | | |
| ★ Milestone: Submit Identity Verified Print (IVP) DPS fingerprint clearance card. | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 14-17 | | |

| Term 6 78 - 94 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ BLE 407: SEI for Secondary Students (L) | 3 | C | <ul style="list-style-type: none"> • During your clinical experience internship, you will work alongside a lead teacher in a 6th-12th grade classroom. Reliable transportation is important. • Students may substitute SED 398 for their Upper Division Major Laboratory/Research Course in Term 6. Speak to your SOLS advisor to discuss this special exception. • Use Handshake to research employment opportunities. |
| ★ SED 397: Clinical Experience II | 1 | C | |
| ★ SPE 417: Inclusion Practices at the Secondary Level | 3 | C | |
| ★ TEL 311: Instruction and Management in the Inclusive Classroom | 3 | C | |
| Upper Division Additional Major Requirement Course | 3 | C | |
| Upper Division Major Laboratory/Research Course | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 7 94 - 110 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ BIO 480: Methods of Teaching Biology OR PHY 494: Teaching Physical Science OR SED 482: Science Teaching Methods for Secondary Schools | 3 | C | |

| | | |
|--|----|---|
| ★ RDG 323: Literacy Processes in Content Areas | 3 | C |
| ★ SED 322: Classroom Leadership in Secondary Schools (L) | 3 | C |
| ★ SED 496: Clinical Experience III | 1 | C |
| Upper Division Additional Major Requirement Course | 3 | C |
| Upper Division Major Elective Course | 3 | C |
| Minimum 2.50 GPA ASU Cumulative. | | |
| Term hours subtotal: | 16 | |

- During your clinical experience internship, you will work alongside a lead teacher in a 6th-12th grade classroom. Reliable transportation is important.
- Students seeking teacher certification must pass state **educator exams**. Please speak with your education advisor to plan appropriately.
- Meet with your advisor to verify remaining degree requirements have been met prior to student teaching in Term 8.

| Term 8 110 - 122 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|---|----|---|
| ★ SED 478: Student Teaching: Secondary Education (Grades 6-12) OR Upper Division Non-Teacher Certification Track | 12 | C |
| Minimum 2.50 GPA ASU Cumulative. | | |
| Term hours subtotal: | 12 | |

- Your student teaching residency requires a full-time commitment in a 6-12th grade classroom for the semester.
- If you choose not to participate in student teaching, select 12 hours from the non-certification track group below. Without student teaching, you will not be qualified for Arizona Department of Education Secondary Education Certification, but you will still earn a degree in Secondary Education. You may be eligible for an Arizona Subject Matter Expert credential. Please consult with your education advisor and the **Arizona Department of Education** for clarification. We highly recommend all students complete student teaching.

- Some upper-division track courses require prerequisites not required for this degree. Students may wish to use elective hours to complete those prerequisites.
- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

| Major Laboratory/Research Courses | Major Elective Courses | Additional Major Requirements Courses |
|--|--|--|
| BCH 367: Elementary Biochemistry Laboratory | BCH 361: Advanced Principles of Biochemistry | BIO 303: Plant Diversity and Evolution (L or SG) |
| BIO 308: Plant Physiology | BIO 302: Cancer--Mother of All Diseases (L) | BIO 312: Bioethics (HU) or PHI 320: Bioethics (HU) or HPS 340: Biology and Society or BIO 311: Biology and Society or HPS 314: Philosophy of Science (HU) or PHI 314: Philosophy of Science (HU) |
| BIO 321: Introductory Ecology Laboratory | BIO 304: Plants and Civilization (L) | BIO 320: Fundamentals of Ecology |
| BIO 342: General Genetics Laboratory | BIO 313: The Flora of Arizona | BIO 331: Animal Behavior |
| BIO 343: Genetic Engineering and Society (L) or MBB 343: Genetic Engineering and Society (L) | BIO 318: History of Medicine (HU & H) or HPS 331: History of Medicine (HU & H) | |

| | | |
|--|--|--|
| BIO 352: Laboratory in Vertebrate Developmental Anatomy | BIO 322: Conservation of Biodiversity | BIO 351: Developmental Biology |
| BIO 361: Animal Physiology Laboratory | BIO 323: Ecosystem Restoration and Management | BIO 353: Cell Biology |
| BIO 386: General Entomology | BIO 325: Oceanography | BIO 360: Animal Physiology |
| BIO 435: Research Techniques in Animal Behavior | BIO 355: Introduction to Computational Molecular Biology (CS) or MBB 355: Introduction to Computational Molecular Biology (CS) | BIO 370: Vertebrate Zoology |
| BIO 451: Cell Biotechnology: Cell Culture Immunocytochemistry and Bioimaging | BIO 415: Biometry (CS) | MIC 220: Biology of Microorganisms AND MIC 206: Microbiology Laboratory (SG) |
| BIO 453: Animal Histology | BIO 416: Biomedical Research Ethics (L) | |
| BIO 471: Ornithology | BIO 423: Population and Community Ecology | |
| BIO 472: Mammalogy | BIO 427: Fire (H) | |
| BIO 474: Herpetology | BIO 431: Genes Development and Evolution (L) | |
| BIO 495: Undergraduate Research | BIO 436: Sociobiology and Behavioral Ecology | |
| MBB 350: Applied Genetics | BIO 440: Functional Genomics or MBB 440: Functional Genomics | |
| MIC 220: Biology of Microorganisms AND MIC 206: Microbiology Laboratory (SG) | BIO 446: Principles of Human Genetics (L) | |
| MIC 302: Advanced Bacteriology Laboratory (L) | BIO 461: Comparative Animal Physiology | |
| | BIO 462: Endocrine Physiology | |
| | BIO 467: Neurobiology | |
| | HPS 322: History of Science (HU & H) | |
| | HPS 323: History of Science (HU & H) | |
| | HPS 330: History of Biology: Conflicts and Controversies (H) | |
| | MIC 360: Bacterial Physiology | |
| | MIC 420: Immunology: Molecular and Cellular Foundations | |
| | MIC 485: General Virology | |
| Non-Teacher Certification Track | | |
| ECS Upper Division Elective | | |
| EDP Upper Division Elective | | |
| EDT Upper Division Elective | | |
| SCN Upper Division Elective | | |
| SED Upper Division Elective | | |
| SPE Upper Division Elective | | |
| SPF Upper Division Elective | | |
| TEL Upper Division Elective | | |

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 122

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.

2020 - 2021 Major Map

Chemistry, BA

School/College: The College of Liberal Arts and Sciences

Location: Tempe campus

LACHMBA

and




Secondary

Education,

BAE

Mary Lou Fulton Teachers College

TESEDBAE

| Term 1 0 - 15 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| <p>CHM 117: General Chemistry for Majors I (SQ) AND CHM 111: General Chemistry Laboratory for Majors I (SQ) OR CHM 113: General Chemistry I (SQ)</p> | 4 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. • Select your Career Interest Communities and play me3@ASU. |
| <p>MAT 270: Calculus with Analytic Geometry I (MA) OR MAT 265: Calculus for Engineers I (MA)</p> | 4-3 | C | |
| <p>ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition</p> | 3 | C | |
| <p>LIA 101: Student Success in The College of Liberal Arts and Sciences OR TEL 101: Professional Educator Series: The Student Experience</p> | 1 | | |
| <p>Humanities, Arts and Design (HU) AND Global Awareness (G)</p> | 3 | | |
| Term hours subtotal: | | 15-14 | |
| Term 2 15 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
| <p>CHM 118: General Chemistry for Majors II (SQ) AND CHM 112: General Chemistry Laboratory for Majors II (SQ) OR CHM 116: General Chemistry II (SQ)</p> | 4 | C | <ul style="list-style-type: none"> • ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned. • Connect with a Career Advisor by registering for a Handshake account. |
| <p>ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition</p> | 3 | C | |
| <p>MAT 271: Calculus with Analytic Geometry II (MA) OR MAT 266: Calculus for Engineers II (MA)</p> | 4-3 | C | |
| <p>Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.</p> | 4 | C | |
| <p>Complete ENG 101 OR ENG 105 OR ENG 107 course(s).</p> | | | |
| Term hours subtotal: | | 15-14 | |
| Term 3 30 - 45 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
| <p>CHM 233: General Organic Chemistry I</p> | 3 | C | <ul style="list-style-type: none"> • Discuss study abroad opportunities with a School of Molecular Sciences advisor or an International Coordinator. |
| <p>CHM 237: General Organic Chemistry Laboratory I</p> | 1 | C | |
| <p>PHY 111: General Physics (SQ)</p> | 3 | C | |

| | | |
|---|----|---|
| PHY 113: General Physics Laboratory (SQ) | 1 | C |
| Second Language: Requirement satisfied through the following: | | |
| * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C |
| Computer/Statistics/Quantitative Applications (CS) | 3 | |
| ❗ Complete First-Year Composition requirement. | | |
| Complete Mathematics (MA) requirement. | | |
| Term hours subtotal: | 15 | |

| Term 4 45 - 60 Credit Hours Critical course signified by ❗ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ❗ PHY 112: General Physics (SQ) | 3 | C | <ul style="list-style-type: none"> Teachers College Requirement: Apply for an Identity Verified Print (IVP) DPS fingerprint clearance card. Build your professional connections -- join the ASU Mentor Network. |
| PHY 114: General Physics Laboratory (SQ) | 1 | C | |
| CHM 234: General Organic Chemistry II | 3 | C | |
| CHM 238: General Organic Chemistry Laboratory II | 1 | C | |
| Second Language: Requirement satisfied through the following: | | | |
| * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H) (GCU 113 recommended) | 3 | | |
| Term hours subtotal: | 15 | | |

| Term 5 60 - 77 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ CHM 325: Analytical Chemistry | 3 | C | <ul style="list-style-type: none"> Meet with Teachers College advisor to complete paperwork needed to start education program. Call 480.965.5555 to schedule appointment by recommended deadline of September 15. CHM 325 and CHM 326 are only offered in the Fall semester. Create a first draft resume. |
| CHM 326: Advanced Analytical Chemistry Laboratory | 1 | C | |
| EDP 313: Childhood and Adolescence (SB) | 3 | C | |
| SPE 222: Orientation to Education of Exceptional Children (SB & C) | 3 | C | |
| Second Language: Requirement satisfied through the following: | | | |
| * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 4 | C | |
| Humanities, Arts and Design (HU) | 3 | | |
| ★ Milestone: Complete online Intent to Progress form (meet with advisor). | | | |
| ★ Milestone: Submit Identity Verified Print (IVP) DPS fingerprint clearance card. | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 17 | | |

| Term 6 77 - 92 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ BLE 407: SEI for Secondary Students (L) | 3 | C | <ul style="list-style-type: none"> During your clinical experience internship, you will work alongside an intern mentor teacher in a 6-12th grade classroom. You will be required to complete 75 hours over 12 weeks. Reliable transportation is important. Use Handshake to research employment opportunities. |
| ★ SED 397: Clinical Experience II | 1 | C | |
| ★ SPE 417: Inclusion Practices at the Secondary Level | 3 | C | |
| ★ TEL 311: Instruction and Management in the Inclusive Classroom | 3 | C | |
| ★ CHM 341: Elementary Physical Chemistry | 3 | C | |
| CHM 343: Elementary Physical Chemistry Laboratory | 1 | C | |
| Elective | 1 | | |

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Minimum 2.50 GPA ASU Cumulative.

Term hours subtotal: 15

| Term 7 92 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
| ★ CHM 453: Inorganic Chemistry | 3 | C | <ul style="list-style-type: none"> During your clinical experience internship, you will work alongside an intern mentor teacher in a 6-12th grade classroom. You will be required to complete 75 hours over 12 weeks. Reliable transportation is important. Apply for full-time career opportunities. Students seeking teacher certification must pass state educator exams. Please speak with your education advisor to plan appropriately. CHM 453 is only offered in the Fall semester. Upper Division CHM or BCH Elective must be completed at Tempe campus and cannot be met with BCH 341, BCH 371, BCH 372, or CHM 480. |
| ★ RDG 323: Literacy Processes in Content Areas | 3 | C | |
| ★ SED 322: Classroom Leadership in Secondary Schools (L) | 3 | C | |
| ★ CHM 480: Methods of Teaching Chemistry OR PHY 480: Methods of Teaching Physics OR SED 482: Science Teaching Methods for Secondary Schools | 3 | C | |
| ★ SED 496: Clinical Experience III | 1 | C | |
| CHM OR BCH Upper Division Elective | 3 | C | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ SED 478: Student Teaching: Secondary Education (Grades 6-12) OR Upper Division Non-Teacher Certification Track | 12 | C | <ul style="list-style-type: none"> If you choose not to participate in student teaching, select 12 hours from the non-certification track group below. Without student teaching, you will not be qualified for Arizona Department of Education Secondary Education Certification, but you will still earn a degree in Secondary Education. You may be eligible for an Arizona Subject Matter Expert credential. Please consult with your education advisor and the Arizona Department of Education for clarification. We highly encourage all students to complete student teaching. |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 12 | | |

Hide Course List(s)/Track Group(s)

- Non-Teacher Certification Track
- ECS Upper Division Elective
- EDP Upper Division Elective
- EDT Upper Division Elective
- SCN Upper Division Elective
- SED Upper Division Elective
- SPE Upper Division Elective
- SPF Upper Division Elective

TEL Upper Division Elective

USL Upper Division Elective

Notes:

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

Total College Residency Hrs: 12 minimum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map





Secondary Education (Biological Sciences), BAE




School/College: [Mary Lou Fulton Teachers College](#)



Location: [Polytechnic campus](#), [Tempe campus](#), [West campus](#)

TEBIOBAE

| Term 1 0 - 17 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  BIO 181: General Biology I (SQ) | 4 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Please note that by the end of term 4, you must have a minimum 2.50 cumulative GPA in order to progress into the professional pathways program. • Select your career interest area and play me3@ASU. |
| EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 170: Precalculus (MA) | 3 | C | |
| TEL 101: Professional Educator Series: The Student Experience | 1 | | |
| TEL 111: Exploration of Education (SB) | 3 | C | |
| Term hours subtotal: | 17 | | |

| Term 2 17 - 34 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  BIO 182: General Biology II (SG) | 4 | C | <ul style="list-style-type: none"> • Join a student club or professional organization |
|  CHM 113: General Chemistry I (SQ) | 4 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| TEL 102: Professional Educator Series: Community Contexts | 3 | C | |
| TEL 215: Introduction to Child and Adolescent Development (SB) | 3 | C | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 17 | | |

| Term 3 34 - 50 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  CHM 116: General Chemistry II (SQ) | 4 | C | <ul style="list-style-type: none"> • Apply for an identify verified print (IVP) fingerprint clearance card online. • Your IVP fingerprint card will be needed for professional classroom experiences. • GCU 113 meets the US and AZ constitution requirement for teacher certification. • Develop your skills. |
| SPE 222: Orientation to Education of Exceptional Children (SB & C) | 3 | C | |
| TEL 203: Collaborating, Planning and Implementing Instruction in Diverse Contexts | 3 | C | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Elective (GCU 113 recommended) | 3 | | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 50 - 63 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  BIO 320: Fundamentals of Ecology | 3 | C | |

| | | |
|--|----|---|
| MIC 205: Microbiology (SG) AND MIC 206: Microbiology Laboratory (SG) OR MIC 220: Biology of Microorganisms AND MIC 206: Microbiology Laboratory (SG) | 4 | C |
| USL 216: Service Learning: For Educators (L & C) | 3 | C |
| Elective | 3 | |
| Milestone: Complete online Intent to Progress form (meet with advisor). | | |
| Milestone: Submit Identity Verified Print (IVP) DPS fingerprint clearance card. | | |
| Minimum 2.50 GPA ASU Cumulative. | | |
| Term hours subtotal: | 13 | |

- Must complete at least 60 credits, including prerequisite courses, to progress into the professional pathways program.
- Meet with your advisor to submit intent to progress early in Term 4.
- Attendance is required at an orientation prior to registration for Term 5.
- Develop your **professional online presence**

| Term 5 63 - 78 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| SED 396: Clinical Experience I | 1 | C | |
| BIO 201: Human Anatomy and Physiology I (SG) OR BIO 360: Animal Physiology OR PLB 308: Plant Physiology | 4-3 | C | |
| BIO 340: General Genetics OR LSC 347: Fundamentals of Genetics AND LSC 348: Fundamentals of Genetics Laboratory | 4 | C | |
| SED 464: Middle-School Curr/Org | 3 | C | |
| TEL 311: Instruction and Management in the Inclusive Classroom | 3 | C | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15-14 | | |

- During your clinical experience internship, you will work alongside a lead teacher, in a 6-12th grade classroom.
- Reliable transportation is required to get to school sites in terms 5-8.

| Term 6 78 - 95 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| SED 397: Clinical Experience II | 1 | C | |
| BIO 345: Evolution | 3 | C | |
| BIO 370: Vertebrate Zoology OR BIO 385: Comparative Invertebrate Zoology OR PLB 300: Plant Diversity and Evolution (L or SG) OR BIO 386: General Entomology | 4 | C | |
| BIO 480: Methods of Teaching Biology OR SCN 494: Biology for Teachers | 3 | C | |
| BLE 407: SEI for Secondary Students (L) | 3 | C | |
| SPE 417: Inclusion Practices at the Secondary Level | 3 | C | |
| Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 17 | | |

- During your clinical experience internship, you will work alongside a lead teacher, in a 6-12th grade classroom.
- Complete an in person or virtual **practice interview**

| Term 7 95 - 108 Credit Hours Necessary course signified by | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| SED 496: Clinical Experience III | 1 | C | |
| RDG 323: Literacy Processes in Content Areas | 3 | C | |
| SED 322: Classroom Leadership in Secondary Schools (L) | 3 | C | |
| SED 482: Science Teaching Methods for Secondary Schools OR PHY 494: Teaching Physical Science | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 13 | | |

- During your clinical experience internship, you will work alongside a lead teacher, in a 6-12th grade classroom.
- Students seeking teacher certification must pass required **educator exams**. Please speak with your advisor to plan appropriately.
- Use Handshake to research **employment opportunities**.

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ SED 478: Student Teaching: Secondary Education (Grades 6-12) | 12 | C | • Your student teaching residency requires a full-time commitment in a 6-12th grade classroom for the semester. |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 12 | | |

Hide Course List(s)/Track Group(s)

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition



General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map




Secondary Education (Chemistry), BAE


School/College: [Mary Lou Fulton Teachers College](#)

Location: [Polytechnic campus](#), [Tempe campus](#), [West campus](#)
TECHMBAE

| Term 1 0 - 15 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  CHM 113: General Chemistry I (SQ) | 4 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Please note that by the end of term 4, you must have a minimum 2.50 cumulative GPA in order to progress into the professional pathways program. • Select your career interest communities and play me3@ASU. |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| MAT 270: Calculus with Analytic Geometry I (MA) | 4 | C | |
| TEL 101: Professional Educator Series: The Student Experience | 1 | | |
| TEL 111: Exploration of Education (SB) | 3 | C | |
| Term hours subtotal: | 15 | | |

| Term 2 15 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  CHM 116: General Chemistry II (SQ) | 4 | C | <ul style="list-style-type: none"> • Join a student club or professional organization |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| MAT 271: Calculus with Analytic Geometry II (MA) | 4 | C | |
| TEL 102: Professional Educator Series: Community Contexts | 3 | C | |
| TEL 215: Introduction to Child and Adolescent Development (SB) | 3 | C | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 17 | | |

| Term 3 32 - 46 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  CHM 233: General Organic Chemistry I AND CHM 237: General Organic Chemistry Laboratory I | 4 | C | <ul style="list-style-type: none"> • Apply for identity verified print (IVP) fingerprint clearance card online. • Your IVP fingerprint card will be needed for professional classroom experiences. • Develop your skills. |
| CHM 325: Analytical Chemistry AND CHM 326: Advanced Analytical Chemistry Laboratory | 4 | C | |
| SPE 222: Orientation to Education of Exceptional Children (SB & C) | 3 | C | |
| TEL 203: Collaborating, Planning and Implementing Instruction in Diverse Contexts | 3 | C | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 14 | | |

| Term 4 46 - 60 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|--|----|---|
| ❖ CHM 234: General Organic Chemistry II AND CHM 238: General Organic Chemistry Laboratory II | 4 | C |
| ❖ PHY 101: Introduction to Physics (SQ) | 4 | C |
| EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) | 3 | C |
| USL 216: Service Learning: For Educators (L & C) | 3 | C |
| ❖ Milestone: Complete online Intent to Progress form (meet with advisor). | | |
| ❖ Milestone: Submit Identity Verified Print (IVP) DPS fingerprint clearance card. | | |
| ❖ Minimum 2.50 GPA ASU Cumulative. | | |
| Term hours subtotal: | 14 | |

- Must complete at least 60 credits, including foundational coursework, to progress into the professional pathways program.
- Meet with your advisor to submit intent to progress early in Term 4.
- Attendance is required at an orientation prior to registration for Term 5.
- Develop your **professional online presence**.

| Term 5 60 - 76 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ SED 396: Clinical Experience I | 1 | C | <ul style="list-style-type: none"> • During your clinical experience internship, you will work alongside a lead teacher, in a 6-12th grade classroom. • Reliable transportation is required to get to school sites in terms 5-8. • GCU 113 meets the US and AZ constitution requirement for teacher certification. |
| CHM 341: Elementary Physical Chemistry | 3 | C | |
| SED 464: Middle-School Curr/Org | 3 | C | |
| TEL 311: Instruction and Management in the Inclusive Classroom | 3 | C | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Elective (GCU 113 recommended) | 3 | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 6 76 - 92 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ SED 397: Clinical Experience II | 1 | C | <ul style="list-style-type: none"> • During your clinical experience internship, you will work alongside a lead teacher, in a 6-12th grade classroom. • CHM 480 is only available in the summer or every other fall semester. PHY 480 is available in the spring terms. Work with your advisor to select appropriate methods course. • Complete an in person or virtual practice interview |
| BCH 361: Advanced Principles of Biochemistry OR CHM 302: Environmental Chemistry OR CHM 453: Inorganic Chemistry | 3 | C | |
| BLE 407: SEI for Secondary Students (L) | 3 | C | |
| CHM 480: Methods of Teaching Chemistry OR PHY 480: Methods of Teaching Physics | 3 | C | |
| SPE 417: Inclusion Practices at the Secondary Level | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 7 92 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ SED 496: Clinical Experience III | 1 | C | <ul style="list-style-type: none"> • During your clinical experience internship, you will work alongside a lead teacher, in a 6-12th grade classroom. • Students seeking teacher certification must pass required educator exams. • Use Handshake to research employment opportunities. |
| BCH 361: Advanced Principles of Biochemistry OR CHM 302: Environmental Chemistry OR CHM 453: Inorganic Chemistry | 3 | C | |
| RDG 323: Literacy Processes in Content Areas | 3 | C | |
| SED 322: Classroom Leadership in Secondary Schools (L) | 3 | C | |
| SED 482: Science Teaching Methods for Secondary Schools OR PHY 494: Teaching Physical Science | 3 | C | |
| Elective | 3 | | |

Minimum 2.50 GPA ASU Cumulative.

Term hours subtotal: 16

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ SED 478: Student Teaching: Secondary Education (Grades 6-12) Minimum 2.50 GPA ASU Cumulative. | 12 | C | • Your student teaching residency requires a full-time commitment in a 6-12th grade classroom for the semester. |
| Term hours subtotal: 12 | | | |

Hide Course List(s)/Track Group(s)

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map




Secondary Education (Earth and Space Sciences), BAE




School/College: Mary Lou Fulton Teachers College

Location: Polytechnic campus, Tempe campus, West campus

EDESSBAE

| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  GLG 101: Introduction to Geology I (Physical) (SQ) AND GLG 103: Introduction to Geology I-Laboratory (SQ) | 4 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Please note that by the end of term 4, you must have a minimum 2.50 cumulative GPA in order to progress into the professional pathways program. • Select your career interest communities and play me3@ASU. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 210: Brief Calculus (MA) OR MAT 270: Calculus with Analytic Geometry I (MA) | 3-4 | C | |
| TEL 101: Professional Educator Series: The Student Experience | 1 | | |
| TEL 111: Exploration of Education (SB) | 3 | C | |
| Term hours subtotal: | 14-15 | | |

| Term 2 14 - 31 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  CHM 113: General Chemistry I (SQ) | 4 | C | <ul style="list-style-type: none"> • Join a student club or professional organization |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| PHY 101: Introduction to Physics (SQ) OR PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ) | 4 | C | |
| TEL 102: Professional Educator Series: Community Contexts | 3 | C | |
| TEL 215: Introduction to Child and Adolescent Development (SB) | 3 | C | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 17 | | |

| Term 3 31 - 45 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  AST 111: Introduction to Solar Systems Astronomy (SQ) AND AST 113: Astronomy Laboratory I (SQ) | 4 | C | <ul style="list-style-type: none"> • Apply for identity verified print (IVP) fingerprint clearance card online. • Your IVP fingerprint card will be needed for professional classroom experiences. • Develop your skills. |
| AST 112: Introduction to Stars, Galaxies, and Cosmology (SQ) AND AST 114: Astronomy Laboratory II (SQ) OR GLG 102: Introduction to Geology II (Historical) (SG & H) AND GLG 104: Introduction to Geology II-Laboratory (SG) OR GLG 108: Water Planet (SQ) OR GLG 110: Dangerous World (SQ & G) AND GLG 111: Dangerous World Laboratory (SQ) OR SES 106: Habitable Worlds (SQ) | 4 | C | |
| SPE 222: Orientation to Education of Exceptional Children (SB & C) | 3 | C | |
| TEL 203: Collaborating, Planning and Implementing Instruction in Diverse Contexts | 3 | C | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 14 | | |

| Term 4 45 - 60 Credit Hours Critical course signified by ⚠ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| GLG 325: Oceanography OR GLG 327: Earth's Critical Zone OR ⚠ GPH 212: Introduction to Meteorology (SQ) OR GPH 213: Climate and Weather (SG) | 3 | C | <ul style="list-style-type: none"> • Must complete at least 60 credits, including all foundational coursework, prior to progressing into the professional pathways program. • Meet with your advisor to submit intent to progress early in Term 4. • Attendance is required at an orientation prior to registration for Term 5. • GCU 113 meets the US and AZ constitution requirement for teacher certification. • Develop your professional online presence |
| EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) | 3 | C | |
| USL 216: Service Learning: For Educators (L & C) | 3 | C | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
| Elective (GCU 113 recommended) | 3 | | |
| ⚠ Milestone: Complete online Intent to Progress form (meet with advisor). | | | |
| ⚠ Milestone: Submit Identity Verified Print (IVP) DPS fingerprint clearance card. | | | |
| ⚠ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 5 60 - 76 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ GLG 310: Structural Geology | 3 | C | <ul style="list-style-type: none"> • During your clinical experience internship, you will work alongside a lead teacher, in a 6-12th grade classroom. • Reliable transportation is required to get to school sites in terms 5-8. |
| GLG 325: Oceanography OR GLG 327: Earth's Critical Zone OR GPH 212: Introduction to Meteorology (SQ) OR GPH 213: Climate and Weather (SG) | 3 | C | |
| SED 396: Clinical Experience I | 1 | C | |
| SED 464: Middle-School Curr/Org | 3 | C | |
| TEL 311: Instruction and Management in the Inclusive Classroom | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 6 76 - 92 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ GLG 321: Mineralogy | 3 | C | <ul style="list-style-type: none"> • During your clinical experience internship, you will work alongside a lead teacher, in a 6-12th grade classroom. • Complete an in person or virtual practice interview. |
| ★ GLG 451: Field Geology I (L) | 3 | C | |
| BLE 407: SEI for Secondary Students (L) | 3 | C | |
| SED 397: Clinical Experience II | 1 | C | |
| SES 480: Teaching Earth and Space Sciences OR PHY 480: Methods of Teaching Physics | 3 | C | |
| SPE 417: Inclusion Practices at the Secondary Level | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 7 92 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ GLG 301: Earth Science in Arizona and the Southwest | 3 | C | <ul style="list-style-type: none"> • During your clinical experience internship, you will work alongside a lead teacher, in a 6-12th grade classroom. |
| RDG 323: Literacy Processes in Content Areas | 3 | C | |
| SED 322: Classroom Leadership in Secondary Schools (L) | 3 | C | |

| | | |
|--|---|----|
| SED 482: Science Teaching Methods for Secondary Schools OR PHY 494: Teaching Physical Science | 3 | C |
| SED 496: Clinical Experience III | 1 | C |
| Elective | 3 | |
| Minimum 2.50 GPA ASU Cumulative. | | |
| Term hours subtotal: | | 16 |

- Students seeking teacher certification must pass required **educator exams**.
- Use Handshake to research **employment opportunities**.

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ SED 478: Student Teaching: Secondary Education (Grades 6-12) | 12 | C | • Your student teaching residency requires a full-time commitment in a 6-12th grade classroom for the semester. |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | | 12 | |

Hide Course List(s)/Track Group(s)

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition




General Studies designations listed on the major map are current for the 2020 - 2021 academic year.




2020 - 2021 Major Map




Secondary Education (English), BAE


School/College: Mary Lou Fulton Teachers College

Location: Polytechnic campus, Tempe campus, West campus
TEENGBAE





| Term 1 0 - 17 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Please note that by the end of term 4, you must have a minimum 2.50 cumulative GPA in order to progress into the professional pathways program. • Select your career interest communities and play me3@ASU. |
| EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) | 3 | C | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| TEL 101: Professional Educator Series: The Student Experience | 1 | | |
| TEL 111: Exploration of Education (SB) | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | C | |
| Term hours subtotal: | 17 | | |

| Term 2 17 - 33 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • Join a student club or professional organization |
| TEL 102: Professional Educator Series: Community Contexts | 3 | C | |
| TEL 215: Introduction to Child and Adolescent Development (SB) Global Awareness (G) | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 33 - 48 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  ENG 200: Critical Reading and Writing About Literature (L or HU) | 3 | C | <ul style="list-style-type: none"> • Apply for identify verified print (IVP) fingerprint clearance card online. • Your IVP fingerprint card will be needed for professional classroom experiences. • Develop your skills. |
| <i>Complete 2 courses:</i> ENG 221: Survey of English Literature (HU) OR ENG 222: Survey of English Literature (HU & H) OR ENG 241: Literatures of the United States to 1860 ((L or HU) & C) OR ENG 242: Literatures of the United States, 1860 to Present (HU) | 6 | C | |
| SPE 222: Orientation to Education of Exceptional Children (SB & C) | 3 | C | |
| TEL 203: Collaborating, Planning and Implementing Instruction in Diverse Contexts | 3 | C | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 15 | | |


| Term 4 48 - 63 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|


Complete 2 courses:

| | | |
|--|---|---|
|  ENG 221: Survey of English Literature (HU) OR ENG 222: Survey of English Literature (HU & H) OR ENG 241: Literatures of the United States to 1860 ((L or HU) & C) OR ENG 242: Literatures of the United States, 1860 to Present (HU) | 6 | C |
| ENG 215: Strategies of Academic Writing (L) OR ENG 216: Persuasive Writing on Public Issues (L) OR ENG 217: Writing Reflective Essays (L) OR ENG 311: Persuasive Writing (L) | 3 | C |
| USL 216: Service Learning: For Educators (L & C) | 3 | C |
| Elective (GCU 113 recommended) | 3 | |
|  Milestone: Complete online Intent to Progress form (meet with advisor). | | |
|  Milestone: Submit Identity Verified Print (IVP) DPS fingerprint clearance card. | | |
|  Minimum 2.50 GPA ASU Cumulative. | | |

Term hours subtotal: 15


- Must complete at least 60 credits, including foundational coursework, to progress into the professional pathways program.
- Meet with your advisor to submit intent to progress early in Term 4.
- Attendance is required at an orientation prior to registration for Term 5.
- GCU 113 is a recommended elective for teachers, since it meets the US and AZ constitution requirement.
- Develop your **professional online presence**


| Term 5 63 - 79 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|


| | | |
|--|---|---|
|  SED 396: Clinical Experience I | 1 | C |
| ENG 312: English in its Social Setting (L or HU or SB) OR ENG 314: Modern Grammar OR ENG 323: Rhetoric and Grammar (L) | 3 | C |
| Ethnic Literature Course | 3 | C |
| SED 464: Middle-School Curr/Org | 3 | C |
| TEL 311: Instruction and Management in the Inclusive Classroom | 3 | C |
| Elective | 3 | |
| Minimum 2.50 GPA ASU Cumulative. | | |

Term hours subtotal: 16

- During your clinical experience internship, you will work alongside a lead teacher, in a 6-12th grade classroom.
- Reliable transportation is required to get to school sites in terms 5-8.
- ENG 486 is typically offered every other year in the fall term. It is a recommended ENG elective for teachers.


| Term 6 79 - 95 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|--|---|---|
|  SED 397: Clinical Experience II | 1 | C |
| BLE 407: SEI for Secondary Students (L) | 3 | C |
| ENG 321: Shakespeare (L or HU) OR ENG 421: Studies in Shakespeare (L or HU) OR ENG 422: Special Topics in Shakespeare (HU) | 3 | C |
| ENG 471: Literature for Young Adults (HU) | 3 | C |
| ENG 480: Methods of Teaching English: Composition (L) OR SED 481: English Teaching Methods for Secondary Schools | 3 | C |
| SPE 417: Inclusion Practices at the Secondary Level | 3 | C |


 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).
 Minimum 2.50 GPA ASU Cumulative.

Term hours subtotal: 16

- During your clinical experience internship, you will work alongside a lead teacher, in a 6-12th grade classroom.
- Complete an in person or virtual **practice interview**

| Term 7 95 - 108 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|--|-------|---------------|-------|

| | | |
|--|---|---|
|  SED 496: Clinical Experience III | 1 | C |
| ENG 482: Methods of Teaching English: Language (L) | 3 | C |
| RDG 323: Literacy Processes in Content Areas | 3 | C |
| SED 322: Classroom Leadership in Secondary Schools (L) | 3 | C |

- During your clinical experience internship, you will work alongside a lead teacher, in a 6-12th grade classroom.

| | |
|----------------------------------|----|
| Elective | 3 |
| Minimum 2.50 GPA ASU Cumulative. | |
| Term hours subtotal: | 13 |

- Students seeking teacher certification must pass required **educator exams**. Please speak with your advisor to plan appropriately.
- Use Handshake to research **employment opportunities**.

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ SED 478: Student Teaching: Secondary Education (Grades 6-12) | 12 | C | • Your student teaching residency requires a full-time commitment in a 6-12th grade classroom for the semester. |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 12 | | |

Hide Course List(s)/Track Group(s)

| Ethnic Literature Courses |
|--|
| ENG 333: American Ethnic Literature ((L or HU) & C) |
| ENG 353: African American Literature: Beginnings through the Harlem Renaissance ((L or HU) & C) |
| ENG 354: African American Literature: Harlem Renaissance to the Present ((L or HU) & C) |
| ENG 359: Indigenous American Literature ((L or HU) & C) |
| ENG 363: Transborder Mexican and Chicano/a Literature of Southwest North America ((L or HU) & C) |
| ENG 364: Women and Literature (HU) |
| ENG 461: Studies in Women and Literature (HU) |

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map





Secondary Education (History), BAE




School/College: Mary Lou Fulton Teachers College


Location: Polytechnic campus, Tempe campus, West campus

TEHISBAE

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  HST 109: United States to 1865 ((HU or SB) & H) OR HST 110: United States Since 1865 (SB & H) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Please note that by the end of term 4, you must have a minimum 2.50 cumulative GPA in order to progress into the professional pathways program. • Select your career interest area and play me3@ASU. |
| EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| TEL 101: Professional Educator Series: The Student Experience | 1 | | |
| TEL 111: Exploration of Education (SB) | 3 | C | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 31 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  HST 100: Global History to 1500 (HU & H & G) OR HST 101: Global History Since 1500 (HU & H & G) | 3 | C | <ul style="list-style-type: none"> • Join a student club or professional organization |
|  HST 109: United States to 1865 ((HU or SB) & H) OR HST 110: United States Since 1865 (SB & H) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| TEL 102: Professional Educator Series: Community Contexts | 3 | C | |
| TEL 215: Introduction to Child and Adolescent Development (SB) | 3 | C | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 3 31 - 47 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  HST 100: Global History to 1500 (HU & H & G) OR HST 101: Global History Since 1500 (HU & H & G) | 3 | C | <ul style="list-style-type: none"> • Apply for an identify verified print (IVP) fingerprint clearance card. • Your IVP fingerprint card will be needed for professional classroom experiences. • Develop your skills. |
| HST 130: The Historian's Craft | 3 | C | |
| SPE 222: Orientation to Education of Exceptional Children (SB & C) | 3 | C | |
| TEL 203: Collaborating, Planning and Implementing Instruction in Diverse Contexts | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | C | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 47 - 63 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|---|----|---|
| Upper Division U.S. History | 3 | C |
| USL 216: Service Learning: For Educators (L & C) | 3 | C |
| Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) | 3 | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | C |
| Elective (GCU 113 OR GCU 114 recommended) | 3 | |
| Milestone: Complete online Intent to Progress form (meet with advisor). | | |
| Milestone: Submit Identity Verified Print (IVP) DPS fingerprint clearance card. | | |
| Minimum 2.50 GPA ASU Cumulative. | | |
| Term hours subtotal: | 16 | |

- Must complete at least 60 credits, including foundational coursework, to progress into the professional pathways program.
- Meet with your advisor to submit intent to progress early in Term 4.
- Attendance is required at an orientation prior to registration for Term 5.
- Develop your **professional online presence**.

| Term 5 63 - 79 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ SED 396: Clinical Experience I | 1 | C | <ul style="list-style-type: none"> • During your clinical experience internship, you will work alongside a lead teacher, in a 6-12th grade classroom. • Reliable transportation is required to get to school sites in terms 5-8. |
| SED 464: Middle-School Curr/Org | 3 | C | |
| TEL 311: Instruction and Management in the Inclusive Classroom | 3 | C | |
| Upper Division U.S. History | 3 | C | |
| Elective (GCU 113 OR GCU 114 recommended) | 3 | | |
| Elective | 3 | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 6 79 - 95 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ SED 397: Clinical Experience II | 1 | C | <ul style="list-style-type: none"> • During your clinical experience internship, you will work alongside a lead teacher, in a 6-12th grade classroom. • Complete an in person or virtual practice interview. |
| BLE 407: SEI for Secondary Students (L) | 3 | C | |
| HST 480: Methods of Teaching History: Classroom Resources OR SED 480: Special Methods of Teaching Social Studies | 3 | C | |
| HST 495: Methods of Historical Inquiry (L) | 3 | C | |
| SPE 417: Inclusion Practices at the Secondary Level | 3 | C | |
| Upper Division Non-U.S. History | 3 | C | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 7 95 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ SED 496: Clinical Experience III | 1 | C | <ul style="list-style-type: none"> • During your clinical experience internship, you will work alongside a lead teacher, in a 6-12th grade classroom. • Students seeking teacher certification must pass required educator exams. • Use Handshake to research employment opportunities. |
| HST 481: Methods of Teaching History: Community Resources | 3 | C | |
| RDG 323: Literacy Processes in Content Areas | 3 | C | |
| SED 322: Classroom Leadership in Secondary Schools (L) | 3 | C | |
| Upper Division U.S. History | 3 | C | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 13 | | |

| | Minimum |
|--|---------|
|--|---------|

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Grade | Notes |
|--|-------|-------|---|
| ★ SED 478: Student Teaching: Secondary Education (Grades 6-12) | 12 | C | • Your student teaching residency requires a full-time commitment in a 6-12th grade classroom for the semester. |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | | 12 | |

Hide Course List(s)/Track Group(s)

| U.S. History | Non-U.S. History |
|--|--|
| AMS 412: The Bill of Rights and the US Supreme Court (H) | HST 303: Studies in Asian History (SB & H) |
| HST 314: American Cultural History Since 1865 ((HU or SB) & H) | HST 304: Studies in European History (SB & H) |
| HST 315: Political History of the U. S. (SB & H) | HST 305: Studies in Latin American History (SB & H) |
| HST 316: 20th-Century U.S. Foreign Relations (SB & H) | HST 309: Exploration and Empire ((L or HU) & H) |
| HST 318: History of Engineering ((L or SB) & G) | HST 347: Ancient Greece I: Bronze Age through the Peloponnesian War (SB & H) |
| HST 320: U.S. Urban History since 1850 (SB & H) | HST 348: Rome (SB & H) |
| HST 321: Constitutional History/US to 1865 (SB & H) | HST 349: Early Middle Ages ((HU or SB) & H) |
| HST 322: Constitutional History of the United States Since 1865 (H) | HST 350: Later Middle Ages ((HU or SB) & H) |
| HST 325: Immigration and Ethnicity in the United States (SB & H & C) | HST 351: Renaissance Europe ((L or HU or SB) & H) |
| HST 327: Women in U.S. History 1600 to 1880 ((HU or SB) & C & H) | HST 352: Europe's Reformations ((L or HU or SB) & H) |
| HST 328: Women in U.S. History 1880-1980 ((HU or SB) & C & H) | HST 353: Old Regime in Europe (SB & H) |
| HST 329: Women in 20th-Century U.S. West (H & C) | HST 354: Revolutionary Europe (SB & H) |
| HST 331: Mexican American History to 1900 (SB & H & C) | HST 355: Total War and the Crisis of Modernity (SB & G & H) |
| HST 332: Mexican American History Since 1900 (SB & H & C) | HST 356: Europe since 1945 (SB & G & H) |
| HST 333: African American History to 1865 (SB & H & C) | HST 360: The Crusades: Religion & Conflict in the Middle Ages (SB & H) |
| HST 334: African American History Since 1865 ((HU or SB) & C & H) | HST 361: Witchcraft and Heresy in Europe ((L or HU) & H) |
| HST 337: American Indian History to 1900 ((HU or SB) & C & H) | HST 366: England to 1689 (SB & H) |
| | HST 367: Modern Britain (SB & H) |
| | HST 368: Culture and Imagination in European History (HU & H) |
| | HST 370: Eastern Europe in Transition (SB & G & H) |

| | |
|---|--|
| HST 338: American Indian History since 1900 (HU or SB) & C & H) | HST 372: Modern Middle East (SB & G & H) |
| HST 341: U.S. West 19th Century (SB & H) | HST 375: Colonial Latin America (SB & H) |
| HST 342: U.S. West 20th Century (SB & H) | HST 376: Modern Latin America (SB & G & H) |
| HST 343: American Southwest ((L or SB) & H) | HST 383: China (SB & H) |
| HST 344: Arizona (SB & H) | HST 384: Modern China: 1700 to the Present (SB & G & H) |
| HST 405: Colonial American History to 1763 (SB & H) | HST 387: Japan ((L or SB) & H) |
| HST 406: American Revolution/1763-1789 (SB & H) | HST 388: Japan (SB & G & H) |
| HST 407: Early U.S. Republic/1789-1850 ((L or SB) & H) | HST 391: Modern Southeast Asia (SB & G & H) |
| HST 408: Civil War and Reconstruction ((L or SB) & H) | HST 404: Conquest and Encounters in Colonial Latin America (L & G) |
| HST 409: Emergence Modern U.S. 1877-1918 (SB & H) | HST 419: 20th Century Chicano/a History (C) |
| HST 412: Contemporary U.S. 1973- Present (SB & H) | HST 423: The Tudor Monarchy (SB & H) |
| HST 413: Contemporary America ((L or SB) & H) | HST 424: The Stuart Monarchy (SB & H) |
| HST 443: The United States and Latin America (SB & G & H) | HST 426: The British Empire (H) |
| | HST 427: French Revolution/Napoleonic Era (SB & H) |
| | HST 429: Modern Germany (SB & G & H) |
| | HST 430: The Ottoman Empire in the Classical Period |
| | HST 432: Eastern Europe the Balkans 20th Century (G & H) |
| | HST 435: The Russian Empire (SB & H) |
| | HST 436: The Soviet Experiment (SB & G & H) |
| | HST 439: Athenian Democracy (H) |
| | HST 441: Latin America and the World Economy (L & G & H) |
| | HST 443: The United States and Latin America (SB & G & H) |
| | HST 445: 20th-Century Cuba (SB & G & H) |
| | HST 447: Modern Mexico (SB & H) |
| | HST 451: Chinese Cultural History I ((HU or SB) & H) |
| | HST 454: History of Genocide (G & H) |

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

General University Requirements Legend

General Studies Core Requirements:

Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map



Secondary Education (Mathematics), BAE



School/College: Mary Lou Fulton Teachers College

Location: Polytechnic campus, Tempe campus, West campus

TEMATBAE

| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  MAT 270: Calculus with Analytic Geometry I (MA) | 4 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement into mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Please note that by the end of term 4, you must have a minimum 2.50 cumulative GPA in order to progress into the professional pathways program. • Select your career interest communities and play me3@ASU. |
| EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| TEL 101: Professional Educator Series: The Student Experience | 1 | | |
| TEL 111: Exploration of Education (SB) | 3 | C | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 31 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  MAT 271: Calculus with Analytic Geometry II (MA) | 4 | C | <ul style="list-style-type: none"> • Join a student club or professional organization |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| TEL 102: Professional Educator Series: Community Contexts | 3 | C | |
| TEL 215: Introduction to Child and Adolescent Development (SB) | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | C | |
| Term hours subtotal: | 17 | | |

| Term 3 31 - 47 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  MAT 272: Calculus with Analytic Geometry III (MA) | 4 | C | <ul style="list-style-type: none"> • Apply for an identify verified print (IVP) fingerprint clearance card online. • Your IVP fingerprint card will be needed for professional classroom experiences. • GCU 113 meets the US and AZ constitution requirement for teacher certification. • Develop your skills. |
| MAT 207: Algebra and Geometry in the High School AND MTE 210: Mentored Tutoring Internship OR MAT 243: Discrete Mathematical Structures | 3-4 | C | |
| SPE 222: Orientation to Education of Exceptional Children (SB & C) | 3 | C | |
| TEL 203: Collaborating, Planning and Implementing Instruction in Diverse Contexts | 3 | C | |
| Elective (GCU 113 recommended) | 3 | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16-17 | | |

| Term 4 47 - 63 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|---|----|---|
| 🚩 MAT 300: Mathematical Structures (L) | 3 | C |
| 🚩 STP 420: Introductory Applied Statistics (CS) | 3 | C |
| USL 216: Service Learning: For Educators (L & C) | 3 | C |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | C |
| 🚩 Milestone: Complete online Intent to Progress form (meet with advisor). | | |
| 🚩 Milestone: Submit Identity Verified Print (IVP) DPS fingerprint clearance card. | | |
| 🚩 Minimum 2.50 GPA ASU Cumulative. | | |
| Term hours subtotal: | 16 | |

- Must complete at least 60 credits, including foundational coursework, to progress into the professional pathways program.
- Meet with your advisor to submit intent to progress early in Term 4.
- Attendance is required at an orientation prior to registration for Term 5.
- Develop your **professional online presence**.

| Term 5 63 - 79 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ MAT 310: Introduction to Geometry | 3 | C | |
| MAT 342: Linear Algebra OR MAT 343: Applied Linear Algebra | 3 | C | |
| SED 396: Clinical Experience I | 1 | C | |
| SED 464: Middle-School Curr/Org | 3 | C | |
| TEL 311: Instruction and Management in the Inclusive Classroom | 3 | C | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Elective | 3 | | |
| Term hours subtotal: | 16 | | |

- During your clinical experience internship, you will work alongside a lead teacher, in a 6-12th grade classroom.
- Reliable transportation is required to get to school sites in terms 5-8.

| Term 6 79 - 95 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ SED 397: Clinical Experience II | 1 | C | |
| BLE 407: SEI for Secondary Students (L) | 3 | C | |
| MAT 275: Modern Differential Equations (MA) OR MAT 371: Advanced Calculus I OR MAT Upper Division Elective | 3 | | |
| MTE 482: Methods of Teaching Mathematics in Secondary School OR MTE 494: Advanced Methods of Tchng Mthmtics in Scondry Schls | 3 | C | |
| SPE 417: Inclusion Practices at the Secondary Level | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

- During your clinical experience internship, you will work alongside a lead teacher, in a 6-12th grade classroom.
- Two methods courses are required for graduation - see advisor for other possible course options.
- MTE 494 is typically offered in Tempe in the spring term.
- MTE 482 is typically offered at West campus in the spring term.
- Complete an in person or virtual **practice interview**.

| Term 7 95 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ SED 496: Clinical Experience III | 1 | C | |
| MTE 482: Methods of Teaching Mathematics in Secondary School OR MTE 494: Advanced Methods of Tchng Mthmtics in Scondry Schls | 3 | C | |
| RDG 323: Literacy Processes in Content Areas | 3 | C | |
| SED 322: Classroom Leadership in Secondary Schools (L) | 3 | C | |
| Elective | 3 | | |

- During your clinical experience internship, you will work alongside a lead teacher, in a 6-12th grade classroom.
- MTE 482 is typically taught in Tempe in the fall term.
- MTE 494 is typically taught at West campus in the fall term.

Minimum 2.50 GPA ASU Cumulative.

Term hours subtotal: 13

- Students seeking teacher certification must pass required **educator exams**. Please speak with your advisor to plan appropriately.
- Use Handshake to research **employment opportunities**.

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ SED 478: Student Teaching: Secondary Education (Grades 6-12) | 12 | C | • Your student teaching residency requires a full-time commitment in a 6-12th grade classroom for the semester. |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 12 | | |

Hide Course List(s)/Track Group(s)

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.






2020 - 2021 Major Map





Secondary Education (Physical Education), BAE






School/College: Mary Lou Fulton Teachers College

Location: Polytechnic campus






ECPPEBAE

| Term 1 0 - 15 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Select your career interest communities and play me3@ASU |
|  MAT 117: College Algebra (MA) OR MAT 142: College Mathematics (MA) | 3 | C | |
|  TEL 111: Exploration of Education (SB) | 3 | C | |
| EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) | 3 | C | |
| PPE 215: Teaching Team Sports OR PPE 220: Teaching Lifetime Activity K-12 OR PPE 230: Teaching Group Exercise OR PPE 235: Teaching Strength and Conditioning for Health | 2 | | |
| TEL 101: Professional Educator Series: The Student Experience | 1 | | |
| Term hours subtotal: | 15 | | |








| Term 2 15 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
|  ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
|  TEL 215: Introduction to Child and Adolescent Development (SB) | 3 | C | |
| PPE 215: Teaching Team Sports OR PPE 220: Teaching Lifetime Activity K-12 OR PPE 230: Teaching Group Exercise OR PPE 235: Teaching Strength and Conditioning for Health | 2 | | |
| TEL 102: Professional Educator Series: Community Contexts | 3 | C | |
| Natural Science - Quantitative (SQ) (BIO 100 OR ABS 130 recommended) | 4 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 3 30 - 45 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  BIO 201: Human Anatomy and Physiology I (SG) | 4 | C | <ul style="list-style-type: none"> • Develop your skills |
|  SPE 222: Orientation to Education of Exceptional Children (SB & C) OR TEL 208: Literacy in a Changing World | 3 | | |
|  TEL 203: Collaborating, Planning and Implementing Instruction in Diverse Contexts | 3 | C | |
| PPE 215: Teaching Team Sports OR PPE 220: Teaching Lifetime Activity K-12 OR PPE 230: Teaching Group Exercise OR PPE 235: Teaching Strength and Conditioning for Health | 2 | | |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
|  Milestone: Complete online Intent to Progress form (meet with advisor). | | | |
| Complete Mathematics (MA) requirement. | | | |








Term hours subtotal: 15

| Term 4 45 - 60 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  BIO 202: Human Anatomy and Physiology II (SG) | 4 | C | <ul style="list-style-type: none"> • Must complete at least 60 credits, including foundational coursework, to progress into upper-division. • Develop your professional online presence |
|  SPE 222: Orientation to Education of Exceptional Children (SB & C) OR TEL 208: Literacy in a Changing World | 3 | | |
|  USL 216: Service Learning: For Educators (L & C) | 3 | C | |
| PPE 215: Teaching Team Sports OR PPE 220: Teaching Lifetime Activity K-12 OR PPE 230: Teaching Group Exercise OR PPE 235: Teaching Strength and Conditioning for Health | 2 | | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | | |
|  Minimum 2.50 GPA ASU Cumulative. | | | |
| Milestone: Submit Identity Verified Print (IVP) DPS fingerprint clearance card. | | | |




Term hours subtotal: 15

| Term 5 60 - 77 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  BLE 407: SEI for Secondary Students (L) | 3 | C | <ul style="list-style-type: none"> • Become a member of the Arizona Health & Physical Education State Association |
|  EDP 311: Educational Psychology for Future Teachers (SB) | 3 | C | |
|  PPE 300: Introduction to Physical Education, Fitness and Sport | 3 | C | |
|  PPE 315: Pediatric Movement Sciences for Physical Educators | 3 | C | |
|  PPE 396: Clinical Experience in Physical Education: Elementary | 2 | C | |
|  PPE 450: Physical Education for the Elementary School | 3 | C | |
| Minimum 2.50 GPA ASU Cumulative. | | | |

Term hours subtotal: 17

| Term 6 77 - 91 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  PPE 320: Exercise Physiology Concepts for Physical Educators | 3 | C | <ul style="list-style-type: none"> • Complete an in person or virtual practice interview |
|  PPE 397: Clinical Experience: Physical Education Secondary (Grades 6-12) | 2 | C | |
|  PPE 455: Physical Education in the Secondary School | 3 | C | |
|  PPE 460: Adapted and Inclusive Physical Education | 3 | C | |
|  RDG 323: Literacy Processes in Content Areas | 3 | C | |
|  Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |

Term hours subtotal: 14

| Term 7 91 - 106 Credit Hours Necessary course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|  PPE 477: Student Teaching: Physical Education Elementary (Grades 1-8) | 6 | C | |
|  PPE 480: Professional Seminar for Physical Education | 3 | C | |
| Complete 2 courses: Elective | 6 | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |

Term hours subtotal: 15

| Term 8 106 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ PPE 465: Teaching Physical Activity Concepts (L) | 3 | C | |
| ★ PPE 478: Student Teaching: Physical Education Secondary (Grades 6-12) | 5 | C | |
| ★ PPE 485: Physical Activity Leadership in Schools | 3 | C | |
| ★ SED 322: Classroom Leadership in Secondary Schools (L) | 3 | C | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | | 14 | |

Hide Course List(s)/Track Group(s)

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map





Secondary Education (Physics), BAE




School/College: Mary Lou Fulton Teachers College


Location: Polytechnic campus, Tempe campus, West campus

EDPHYBAE

| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  MAT 270: Calculus with Analytic Geometry I (MA) | 4 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement into mathematics courses • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Please note that by the end of term 4, you must have a minimum 2.50 cumulative GPA in order to progress into the professional pathways program. • Select your career interest communities and play me3@ASU. |
| EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) | 3 | C | |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| TEL 101: Professional Educator Series: The Student Experience | 1 | | |
| TEL 111: Exploration of Education (SB) | 3 | C | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 31 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  MAT 271: Calculus with Analytic Geometry II (MA) | 4 | C | <ul style="list-style-type: none"> • Join a student club or professional organization |
|  PHY 121: University Physics I: Mechanics (SQ) AND PHY 122: University Physics Laboratory I (SQ) OR PHY 150: Physics I (SQ) | 4 | C | |
| ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition | 3 | C | |
| TEL 102: Professional Educator Series: Community Contexts | 3 | C | |
| TEL 215: Introduction to Child and Adolescent Development (SB) | 3 | C | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 17 | | |

| Term 3 31 - 45 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  MAT 272: Calculus with Analytic Geometry III (MA) | 4 | C | <ul style="list-style-type: none"> • Apply for your identity verified print (IVP) fingerprint clearance card online. • Your IVP fingerprint card will be needed for professional classroom experiences. • Develop your skills. |
| PHY 131: University Physics II: Electricity and Magnetism (SQ) | | | |
|  AND PHY 132: University Physics Laboratory II (SQ) OR PHY 151: Physics II (SQ) | 4 | C | |
| SPE 222: Orientation to Education of Exceptional Children (SB & C) | 3 | C | |
| TEL 203: Collaborating, Planning and Implementing Instruction in Diverse Contexts | 3 | C | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 14 | | |

| Term 4 45 - 61 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|---|----|---|
| 🚩 PHY 201: Mathematical Methods in Physics I (CS) | 3 | C |
| 🚩 PHY 252: Physics III (SQ) | 4 | C |
| USL 216: Service Learning: For Educators (L & C) | 3 | C |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | |
| Elective (GCU 113 recommended) | 3 | |
| 🚩 Milestone: Complete online Intent to Progress form (meet with advisor). | | |
| 🚩 Milestone: Submit Identity Verified Print (IVP) DPS fingerprint clearance card. | | |
| 🚩 Minimum 2.50 GPA ASU Cumulative. | | |
| Term hours subtotal: | 16 | |

- Must complete at least 60 credits, including foundational coursework, to progress into the professional pathways program.
- Meet with your advisor to submit intent to progress early in Term 4.
- Attendance is required at an orientation prior to registration for Term 5.
- GCU 113 meets the US and AZ constitution requirement for teacher certification.
- Develop your **professional online presence**.

| Term 5 61 - 77 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ SED 396: Clinical Experience I | 1 | C | <ul style="list-style-type: none"> • During your clinical experience internship, you will work alongside a lead teacher, in a 6-12th grade classroom. • Reliable transportation is required to get to school sites in terms 5-8. |
| PHY 302: Mathematical Methods in Physics II | 3 | C | |
| PHY 310: Classical Particles, Fields, and Matter I | 3 | C | |
| PHY 314: Quantum Physics I OR PHY 361: Introductory Modern Physics | 3 | C | |
| SED 464: Middle-School Curr/Org | 3 | C | |
| TEL 311: Instruction and Management in the Inclusive Classroom | 3 | C | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 6 77 - 93 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ SED 397: Clinical Experience II | 1 | C | <ul style="list-style-type: none"> • During your clinical experience internship, you will work alongside a lead teacher, in a 6-12th grade classroom. • Complete an in person or virtual practice interview. |
| BLE 407: SEI for Secondary Students (L) | 3 | C | |
| PHY 333: Electronic Circuits and Measurements | 3 | C | |
| PHY 480: Methods of Teaching Physics | 3 | C | |
| SPE 417: Inclusion Practices at the Secondary Level | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 7 93 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ SED 496: Clinical Experience III | 1 | C | <ul style="list-style-type: none"> • During your clinical experience internship, you will work alongside a lead teacher, in a 6-12th grade classroom. • Students seeking teacher certification must pass required educator exams. Please speak with your advisor to plan appropriately. • Use Handshake to research employment opportunities. |
| RDG 323: Literacy Processes in Content Areas | 3 | C | |
| SED 322: Classroom Leadership in Secondary Schools (L) | 3 | C | |
| SED 482: Science Teaching Methods for Secondary Schools OR PHY 494: Teaching Physical Science | 3 | C | |
| PHY Upper Division Elective | 3 | C | |
| Elective | 2 | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 15 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ SED 478: Student Teaching: Secondary Education (Grades 6-12) Minimum 2.50 GPA ASU Cumulative. | 12 | C | • Your student teaching residency requires a full-time commitment in a 6-12th grade classroom for the semester. |
| Term hours subtotal: | 12 | | |

Hide Course List(s)/Track Group(s)

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map




Secondary Education (Political Science), BAE




School/College: Mary Lou Fulton Teachers College


Location: Polytechnic campus, Tempe campus, West campus

TEPOLBAE

| Term 1 0 - 16 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  POS 110: American Government and Politics (SB) OR POS 310: American National Government (SB) | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Please note that by the end of term 4, you must have a minimum 2.50 cumulative GPA in order to progress into the professional pathways program. • Select your career interest communities and play me3@ASU. |
| EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) | 3 | C | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| TEL 101: Professional Educator Series: The Student Experience | 1 | | |
| TEL 111: Exploration of Education (SB) | 3 | C | |
| Term hours subtotal: | 16 | | |

| Term 2 16 - 32 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  POS 150: Comparative Government (SB & G) OR POS 160: Global Politics (SB & G) | 3 | C | <ul style="list-style-type: none"> • Join a student club or professional organization |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| TEL 102: Professional Educator Series: Community Contexts | 3 | C | |
| TEL 215: Introduction to Child and Adolescent Development (SB) | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | C | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |

| Term 3 32 - 48 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  POS 210: Political Ideologies (SB) | 3 | C | <ul style="list-style-type: none"> • Apply for an identity verified print (IVP) fingerprint clearance card online. • Your IVP fingerprint card will be needed for professional classroom experiences. • Develop your skills. |
| SPE 222: Orientation to Education of Exceptional Children (SB & C) | 3 | C | |
| TEL 203: Collaborating, Planning and Implementing Instruction in Diverse Contexts Humanities, Arts and Design (HU) | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | C | |
|  Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 16 | | |

| Term 4 48 - 63 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|---|----|---|
| ❖ Complete 2 courses: POS Elective | 6 | C |
| USL 216: Service Learning: For Educators (L & C) | 3 | C |
| Humanities, Arts and Design (HU) AND Historical Awareness (H) | 3 | |
| Elective (GCU 113 recommended) | 3 | |
| ❖ Milestone: Complete online Intent to Progress form (meet with advisor). | | |
| ❖ Milestone: Submit Identity Verified Print (IVP) DPS fingerprint clearance card. | | |
| ❖ Minimum 2.50 GPA ASU Cumulative. | | |
| Term hours subtotal: | 15 | |

- Must complete at least 60 credits, including foundational coursework, to progress into the professional pathways program.
- Meet with your advisor to submit intent to progress early in Term 4.
- Attendance is required at an orientation prior to registration for Term 5.
- Develop your **professional online presence**.

| Term 5 63 - 79 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ SED 396: Clinical Experience I | 1 | C | <ul style="list-style-type: none"> • During your clinical experience internship, you will work alongside a lead teacher, in a 6-12th grade classroom. • Reliable transportation is required to get to school sites in terms 5-8. |
| POS Upper Division Elective | 3 | C | |
| SED 464: Middle-School Curr/Org | 3 | C | |
| SED 480: Special Methods of Teaching Social Studies | 3 | C | |
| TEL 311: Instruction and Management in the Inclusive Classroom | 3 | C | |
| Elective (GCU 114 recommended) | 3 | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 6 79 - 95 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ SED 397: Clinical Experience II | 1 | C | <ul style="list-style-type: none"> • During your clinical experience internship, you will work alongside a lead teacher, in a 6-12th grade classroom. • POS 417 is recommended as an upper division POS elective since it meets the Arizona constitution requirement for teacher certification. • Complete an in person or virtual practice interview. |
| BLE 407: SEI for Secondary Students (L) | 3 | C | |
| HST 481: Methods of Teaching History: Community Resources | 3 | C | |
| POS 301: Empirical Political Inquiry (SB) | 3 | C | |
| POS Upper Division Elective | 3 | C | |
| SPE 417: Inclusion Practices at the Secondary Level | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 16 | | |

| Term 7 95 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ SED 496: Clinical Experience III | 1 | C | <ul style="list-style-type: none"> • During your clinical experience internship, you will work alongside a lead teacher, in a 6-12th grade classroom. • Students seeking teacher certification must pass required educator exams. Please speak with your advisor to plan appropriately. • Use Handshake to research employment opportunities. |
| Complete 2 courses: POS Upper Division Elective | 6 | C | |
| RDG 323: Literacy Processes in Content Areas | 3 | C | |
| SED 322: Classroom Leadership in Secondary Schools (L) | 3 | C | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 13 | | |

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ SED 478: Student Teaching: Secondary Education (Grades 6-12) | 12 | C | |
| Minimum 2.50 GPA ASU Cumulative. | | | |

Term hours subtotal: 12

- Your student teaching residency requires a full-time commitment in a 6-12th grade classroom for the semester.

Hide Course List(s)/Track Group(s)

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.



2020 - 2021 Major Map




Secondary Education (Spanish), BAE




School/College: [Mary Lou Fulton Teachers College](#)

Location: [Polytechnic campus](#), [Tempe campus](#), [West campus](#)

TESPABAE

| Term 1 0 - 17 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
|  SPA 201: Intermediate Spanish (G) OR SPA 203: Intermediate Spanish I for Bilinguals (G) | 4 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Language Placement exam required. For more information, please see ASU Language Placement Testing. • Consult with advisor regarding registration in appropriate Spanish course based on test scores. • Please note that by the end of term 4, you must have a minimum 2.50 cumulative GPA in order to progress into the professional pathways program. • Select your career interest communities and play me3@ASU. |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) | 3 | C | |
| MAT 142: College Mathematics (MA) | 3 | C | |
| TEL 101: Professional Educator Series: The Student Experience | 1 | | |
| TEL 111: Exploration of Education (SB) | 3 | C | |
| Term hours subtotal: | 17 | | |

| Term 2 17 - 34 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  SPA 202: Intermediate Spanish (G) OR SPA 204: Intermediate Spanish II for Bilinguals (G) | 4 | C | <ul style="list-style-type: none"> • Join a student club or professional organization |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| TEL 102: Professional Educator Series: Community Contexts | 3 | C | |
| TEL 215: Introduction to Child and Adolescent Development (SB) | 3 | C | |
| Natural Science - Quantitative (SQ) | 4 | C | |
|  Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 17 | | |

| Term 3 34 - 50 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|---|
|  SLC 201: Introduction to Linguistics (HU or SB) | 3 | C | <ul style="list-style-type: none"> • Apply for an identity verified print (IVP) fingerprint clearance card online. • Your IVP fingerprint card will be needed for professional classroom experiences. • Develop your skills. |
|  SPA 313: Spanish Conversation and Composition (G) OR SPA 315: Advanced Spanish I for Bilinguals (C) | 3 | C | |
| SPE 222: Orientation to Education of Exceptional Children (SB & C) | 3 | C | |
| TEL 203: Collaborating, Planning and Implementing Instruction in Diverse Contexts | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | C | |

❗ Complete Mathematics (MA) requirement.

Term hours subtotal: 16

| Term 4 50 - 63 Credit Hours Critical course signified by ❗ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ❗ SPA 314: Spanish Conversation and Composition (G) OR SPA 316: Advanced Spanish II for Bilinguals (L & C) | 3 | C | <ul style="list-style-type: none"> • Must complete at least 60 credits, including foundational coursework, to progress into the professional pathways program. • Meet with your advisor to submit intent to progress early in Term 4. • Attendance is required at an orientation prior to registration for Term 5. • GCU 113 meets the US and AZ constitution requirement for teacher certification. • Develop your professional online presence. |
| SPA 325: Introduction to Hispanic Literature (HU) | 3 | C | |
| USL 216: Service Learning: For Educators (L & C) | 3 | C | |
| Historical Awareness (H) (GCU 113 recommended) | 3 | | |
| Elective | 1 | | |
| ❗ Milestone: Complete online Intent to Progress form (meet with advisor). | | | |
| ❗ Milestone: Submit Identity Verified Print (IVP) DPS fingerprint clearance card. | | | |
| ❗ Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | | 13 | |

| Term 5 63 - 79 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ★ SED 396: Clinical Experience I | 1 | C | <ul style="list-style-type: none"> • During your clinical experience internship, you will work alongside a lead teacher, in a 6-12th grade classroom. • Reliable transportation is required to get to school sites in terms 5-8. |
| SED 464: Middle-School Curr/Org | 3 | C | |
| SLC 479: Introduction to Teaching Foreign Languages | 3 | C | |
| SPA 412: Advanced Conversation and Composition (G) | 3 | C | |
| SPA 413: Spanish Grammar in Context (G) | 3 | C | |
| TEL 311: Instruction and Management in the Inclusive Classroom | 3 | C | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | | 16 | |

| Term 6 79 - 95 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ SED 397: Clinical Experience II | 1 | C | <ul style="list-style-type: none"> • During your clinical experience internship, you will work alongside a lead teacher, in a 6-12th grade classroom. • Complete an in person or virtual practice interview. |
| BLE 407: SEI for Secondary Students (L) | 3 | C | |
| SLC 480: Methods of Teaching Foreign Languages | 3 | C | |
| SPE 417: Inclusion Practices at the Secondary Level | 3 | C | |
| Upper Division Spanish Literature | 3 | C | |
| Elective | 3 | | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | | 16 | |

| Term 7 95 - 108 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|--|
| ★ SED 496: Clinical Experience III | 1 | C | <ul style="list-style-type: none"> • During your clinical experience internship, you will work alongside a lead teacher, in a 6-12th grade classroom. • Students seeking teacher certification must pass required educator exams. Please speak with your advisor to plan appropriately. |
| RDG 323: Literacy Processes in Content Areas | 3 | C | |
| SED 322: Classroom Leadership in Secondary Schools (L) | 3 | C | |
| Upper Division Spanish Civilization | 3 | C | |
| Elective | 3 | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |

Term hours subtotal: 13

- Use Handshake to research **employment opportunities**.

| Term 8 108 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ SED 478: Student Teaching: Secondary Education (Grades 6-12) Minimum 2.50 GPA ASU Cumulative. | 12 | C | • Your student teaching residency requires a full-time commitment in a 6-12th grade classroom for the semester. |
| Term hours subtotal: | 12 | | |

Hide Course List(s)/Track Group(s)

| Upper Division Spanish Civilization Courses | Upper Division Spanish Literature Courses |
|--|---|
| SPA 471: Civilization of the Indohispanomexicano Southwest ((L or HU) & C) | SPA 426: Literature and Society in Modern Spain (HU) |
| SPA 472: Latin American Society: Five Case Studies (HU & H & G) | SPA 427: Colonial and Postcolonial Latin American Literature (L or HU) |
| SPA 473: Old and New Spaniards: Culture and Civilization of Spain ((HU or SB) & G) | SPA 428: Foundational Texts of Latin American Literature Since Modernismo ((L or HU) & G) |
| | SPA 429: Writing Mexico: Major Texts ((L or HU) & G) |

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.







2020 - 2021 Major Map





Special Education (Visual Impairment), BAE




School/College: Mary Lou Fulton Teachers College


Location: Tempe campus, West campus

TESPEVIBAE

| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Select your Career Interest Communities and play me3@ASU. |
|  MAT 117: College Algebra (MA) OR MAT 142: College Mathematics (MA) | 3 | C | |
|  TEL 101: Professional Educator Series: The Student Experience | 1 | | |
|  TEL 111: Exploration of Education (SB) | 3 | C | |
| EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) | 3 | C | |
| Elective | 1 | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 14 | | |

| Term 2 14 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
|  ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • Join a student club or professional organization |
|  TEL 215: Introduction to Child and Adolescent Development (SB) | 3 | C | |
| TEL 102: Professional Educator Series: Community Contexts | 3 | C | |
| Humanities, Arts and Design (HU) (RDG 291 recommended) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Milestone: Submit Identity Verified Print (IVP) DPS fingerprint clearance card. | | | |
| Term hours subtotal: | 16 | | |

| Term 3 30 - 45 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  SPE 222: Orientation to Education of Exceptional Children (SB & C) OR TEL 208: Literacy in a Changing World | 3 | C | <ul style="list-style-type: none"> • Develop your skills |
|  TEL 203: Collaborating, Planning and Implementing Instruction in Diverse Contexts | 3 | C | |
| MTE 280: Investigating Quantity: Number, Operations & Numeration Systems | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | | |
| Elective | 2 | | |
| Complete Mathematics (MA) requirement. | | | |
| Term hours subtotal: | 15 | | |

| Term 4 45 - 60 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
|---|-------|---------------|-------|

| | | |
|--|----|---|
| ❗ MTE 281: Investigating Space: Geometry, Measurement, and Visualization | 3 | C |
| ❗ SPE 222: Orientation to Education of Exceptional Children (SB & C) OR TEL 208: Literacy in a Changing World | 3 | C |
| USL 216: Service Learning: For Educators (L & C) | 3 | C |
| Historical Awareness (H) (GCU 113 recommended) | 3 | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | |
| ❗ Milestone: Complete online Intent to Progress form (meet with advisor). | | |
| ❗ Minimum 2.50 GPA ASU Cumulative. | | |
| Term hours subtotal: | 15 | |

- Must complete 60 credits including foundational courses to progress into upper division coursework.
- Develop your professional online presence

| Term 5 60 - 77 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ EED 433: Language Method Management and Assessment | 3 | C | |
| ★ SPE 317: Special Education for Culturally and Linguistically Diverse Children and Youth | 3 | C | |
| ★ SPE 396: Clinical Experience I | 2 | C | |
| EDP 311: Educational Psychology for Future Teachers (SB) | 3 | C | |
| SPE 443: Foundations of Instruction for Students with Visual Impairments | 3 | C | |
| SPE 445: Orientation and Mobility for Teachers of the Visually Impaired | 3 | C | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 17 | | |

| Term 6 77 - 94 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ SPE 323: Behavioral Strategies for All Students | 3 | C | |
| ★ SPE 325: Language Literacy 1 in Elementary Schools | 3 | C | |
| ★ SPE 397: Clinical Experience II | 2 | C | |
| ★ SPE 410: Mathematics in Elementary Schools | 3 | C | |
| SPE 441: Reading and Writing Braille | 3 | C | |
| SPE 442: Teaching Methodologies for Students with Visual Impairments | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 17 | | |

- Complete an in person or virtual practice interview

| Term 7 94 - 111 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ SPE 321: Classroom and SPE Assessment | 3 | C | |
| ★ SPE 423: Methods of Cross-Categorical Special Education I | 3 | C | |
| ★ SPE 424: Methods of Cross-Categorical Special Education II | 3 | C | |
| SPE 444: Diagnostic and Assessment: Procedures for the Visually Impaired | 3 | C | |
| SPE 446: Modes of Communication | 3 | C | |
| SPE 496: Clinical Experience III | 2 | C | |

Minimum 2.50 GPA ASU Cumulative.

Term hours subtotal: 17

| Term 8 111 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ SPE 430: Professional Practices, Foundations, and Collaborative Teaching in Special Education (L) | 3 | C | |
| ★ SPE 447: Student Teaching for Teachers of the Visually Impaired | 6 | C | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | | 9 | |

Hide Course List(s)/Track Group(s)

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition














General Studies designations listed on the major map are current for the 2020 - 2021 academic year.

2020 - 2021 Major Map

Special Education and Elementary Education, **BAE**

School/College: Mary Lou Fulton Teachers College

Location: Polytechnic campus, Tempe campus, West campus, ASU@The Gila Valley, ASU@Yuma
TESPEBAE

| Term 1 0 - 14 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
|  ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Select your career interest communities and play me3@ASU. |
|  MAT 117: College Algebra (MA) OR MAT 142: College Mathematics (MA) | 3 | C | |
|  TEL 111: Exploration of Education (SB) | 3 | C | |
| EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS) | 3 | C | |
| TEL 101: Professional Educator Series: The Student Experience | 1 | | |
| Elective | 1 | | |
| Term hours subtotal: | 14 | | |
| Term 2 14 - 30 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | <ul style="list-style-type: none"> • Join a student club or professional organization |
|  TEL 215: Introduction to Child and Adolescent Development (SB) | 3 | C | |
| TEL 102: Professional Educator Series: Community Contexts | 3 | C | |
| Humanities, Arts and Design (HU) (RDG 291 recommended) | 3 | | |
| Natural Science - Quantitative (SQ) | 4 | C | |
| Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 16 | | |
| Term 3 30 - 45 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |
|  SPE 222: Orientation to Education of Exceptional Children (SB & C) OR TEL 208: Literacy in a Changing World | 3 | | <ul style="list-style-type: none"> • Develop your skills |
|  TEL 203: Collaborating, Planning and Implementing Instruction in Diverse Contexts | 3 | C | |
| MTE 280: Investigating Quantity: Number, Operations & Numeration Systems | 3 | C | |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 | C | |
| Elective | 2 | | |
| Complete Mathematics (MA) requirement. | | | |
| Milestone: Submit Identity Verified Print (IVP) DPS fingerprint clearance card. | | | |
| Term hours subtotal: | 15 | | |
| Term 4 45 - 60 Credit Hours Critical course signified by  | Hours | Minimum Grade | Notes |

| | | |
|---|----|---|
| ❗ SPE 222: Orientation to Education of Exceptional Children (SB & C) OR TEL 208: Literacy in a Changing World | 3 | |
| ❗ USL 216: Service Learning: For Educators (L & C) | 3 | C |
| MTE 281: Investigating Space: Geometry, Measurement, and Visualization | 3 | C |
| Historical Awareness (H) (GCU 113 recommended) | 3 | |
| Humanities, Arts and Design (HU) AND Global Awareness (G) | 3 | |
| ❗ Milestone: Complete online Intent to Progress form (meet with advisor). | | |
| ❗ Minimum 2.50 GPA ASU Cumulative. | | |
| Term hours subtotal: | 15 | |

- Must complete 60 credits, including foundational courses, to progress into upper-division education coursework.
- Develop your **professional online presence**

| Term 5 60 - 77 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ EDP 311: Educational Psychology for Future Teachers (SB) | 3 | C | |
| ★ EED 396: Clinical Experience I OR SPE 396: Clinical Experience I | 2 | C | |
| ★ EED 411: Science in Elementary Schools | 3 | C | |
| ★ EED 433: Language Method Management and Assessment | 3 | C | |
| ★ MTE 301: Investigating Change: Patterns, Functions, and Modeling | 3 | C | |
| SPE 317: Special Education for Culturally and Linguistically Diverse Children and Youth OR BLE 408: SEI for Linguistically Diverse Learners (L) | 3 | C | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 17 | | |

| Term 6 77 - 94 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|---|
| ★ EED 324: Social Studies in Elementary Schools | 3 | C | • Complete an in-person or virtual practice interview |
| ★ EED 397: Clinical Experience II OR SPE 397: Clinical Experience II | 2 | C | |
| ★ SCN 400: Sustainability Science for Teachers | 3 | C | |
| ★ SPE 323: Behavioral Strategies for All Students | 3 | C | |
| ★ SPE 325: Language Literacy 1 in Elementary Schools OR RDG 322: Language Literacy 1 in Elementary Schools | 3 | C | |
| ★ SPE 410: Mathematics in Elementary Schools OR EED 412: Mathematics in Elementary Schools | 3 | C | |
| ★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s). | | | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 17 | | |

| Term 7 94 - 111 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ EED 478: Student Teaching: Elementary School (Grades 1-8) | 8 | C | |
| ★ SPE 321: Classroom and SPE Assessment | 3 | C | |
| ★ SPE 411: Family Involvement and Regulatory Issues | 3 | C | |
| ★ SPE 423: Methods of Cross-Categorical Special Education I | 3 | C | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | 17 | | |

| Term 8 111 - 125 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ SPE 424: Methods of Cross-Categorical Special Education II | 3 | C | |
| ★ SPE 430: Professional Practices, Foundations, and Collaborative Teaching in Special Education (L) | 3 | C | |
| ★ SPE 478: Student Teaching: Special Education (Grades K-8) | 8 | C | |
| Minimum 2.50 GPA ASU Cumulative. | | | |
| Term hours subtotal: | | 14 | |

Hide Course List(s)/Track Group(s)

Total Hours: 125

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2020 - 2021 academic year.

Pathway Agreement



Print



Maricopa Community College District
Accountancy, BS Pathway
2020-2021

ASU Major: **Accountancy, BS | W. P. Carey School of Business**


Pathway Requirements

First Year Composition [FYC]


ENG 101: First-Year Composition or
 ENG 107: First-Year Composition for ESL   3 hrs



ENG 102: First-Year Composition or
 ENG 108: First-Year Composition for ESL   3 hrs

Literacy and Critical Inquiry [L]

COM 225: Public Speaking  3 hrs

Mathematical Studies [MA, CS]

MAT 212: Brief Calculus or
 MAT 213: Brief Calculus  3-4 hrs


CIS 105: Survey of Computer Information
 Systems   3 hrs


Humanities, Arts, and Design [HU]

Humanities, Arts, and Design [HU]  3 hrs


Humanities, Arts, and Design [HU]  3 hrs


Social-Behavioral Science [SB]

ECN 211: Macroeconomic Principles  3 hrs


ECN 212: Microeconomic Principles  3 hrs


Natural Science [SQ, SG]

Natural Science [SQ, SG]  4 hrs Select at least one SQ within the Natural Science requirement.

Natural Science [SQ, SG]  4 hrs

General Education Awareness Areas [C, H, G]

Cultural Diversity in the U.S. [C]  0-3 hrs

Historical or Global Awareness [H] or [G]  0-3 hrs

MCCCD Additional Requirements

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements






This degree program requires meeting W. P. Carey Bachelor of Science admission requirements. A 3.0 cumulative transfer GPA as calculated by ASU Admission Services is required. A 3.0 cumulative ASU GPA is also required for students who previously attended ASU.

Students must also meet one of the following:

- 1230 SAT (March 2016 and after) or 1160 SAT (before March 2016), not including writing portion
- 25 ACT composite, not including writing portion.
- Top 8% high school class rank
- 3.60 unweighted GPA in high school competency courses (A=4.00)

Completion of the MAPP and all admission requirements satisfies the requirements for the MCCCD Associate in Business, General Requirements degree and AGECE-B, meets major map requirements at ASU, and guarantees admission into a W. P. Carey Bachelor of Science degree program.

Only 64 credits are transferable to ASU. For more information:
<https://transfer.asu.edu/credits>.

| | | |
|--|--|--|
| ABUS Business Electives | 3-6 hrs | Select two courses (6 hours) from the following: CIS 114DE, CIS 133DA, CIS 162AD, GBS 151, GBS 233, GBS 220, (GBS 110 OR MGT 251), IBS 101, MGT 253, MKT 271, PAD 100, REA 179, REA 180, or SBU 200. Select in consultation with a Maricopa Advisor. IBS 101 or SBU 200 can be shared with Global Awareness. |
| Additional Lower Division Requirements | | |
| ACC 111: Accounting Principles I and ACC 230: Uses of Accounting Information and ACC 240: Uses of Accounting Information OR | 6-9 hrs  | |
| ACC 111: Accounting Principles I and ACC 112: Accounting Principles II and ACC 212: Managerial Accounting OR | | |
| ACC 211: Financial Accounting and ACC 212: Managerial Accounting | | |
| COM 100: Introduction to Human Communication or COM 230: Small Group Communication | 0-3 hrs  | The Accountancy degree requires COM 100 or COM 230 (in addition to COM 225). May be taken after transferring to ASU. |
| GBS 221: Business Statistics | 3 hrs  | |
| GBS 205: LEGAL, ETHICAL/REGULATORY ISSUES/BUS | 3 hrs | |
| MAT 217: Mathematical Analysis for Business or MAT 218: Mathematical Analysis for Business | 3-4 hrs | |
| PSY course | 3 hrs  | Select a course that transfers to ASU with the PSY prefix and SB designation. Check the Course Equivalency Guide on aztransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| SOC course | 3 hrs  | Select a course that transfers to ASU with the SOC prefix and SB designation. Check the Course Equivalency Guide on aztransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| Lower Division Elective | 0-5 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 64

Pathway Agreement

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Maricopa Community College District Aerospace Engineering (Aeronautics), BSE Pathway 2020-2021

ASU Major: [Aerospace Engineering \(Aeronautics\), BSE | Ira A. Fulton Schools of Engineering](#)

Pathway Requirements

| | |
|---|--|
| Engineering Core ECE 102: Engineering Analysis Tools and Techniques or ECE 102AA: Engineering Problem Solving and Design AND ECE 103: Engineering Problem Solving and Design or ECE 103AB: Engineering Problem Solving and Design or ECE 103EP: Engineering Problem Solving and Design (with EPICS projects) | 4 hrs  |
| ENG 101: First-Year Composition OR ENG 107: First-Year Composition for ESL | 3 hrs   |
| ENG 102: First-Year Composition OR ENG 108: First-Year Composition for ESL | 3 hrs   |
| MAT 221: Calculus with Analytic Geometry I or MAT 220: Calculus with Analytic Geometry I | 4-5 hrs   |
| MAT 231: Calculus with Analytic Geometry II or MAT 230: Calculus with Analytic Geometry II | 4-5 hrs  |
| MAT 241: Calculus with Analytic Geometry III or MAT 240: Calculus with Analytic Geometry III | 4-5 hrs  |
| MAT 277: Modern Differential Equations or MAT 276: Modern Differential Equations | 3-4 hrs |
| CHM 151: General Chemistry I and CHM 151LL: General Chemistry I Laboratory OR CHM 150: General Chemistry I and CHM 151LL: General Chemistry I Laboratory OR CHM 150AA: General Chemistry I OR CHM 151AA: General Chemistry I | 4-5 hrs   |
| CHM 152: General Chemistry II and CHM 152LL: General Chemistry II Laboratory | 4 hrs   |
| PHY 121: University Physics I: Mechanics or PHY 115: University Physics I | 4-5 hrs   |
| PHY 131: University Physics II: Electricity and Magnetism or PHY 116: University Physics II | 4-5 hrs   |
| Humanities, Arts, and Design and AGEC Awareness Areas | 3 hrs |
| Social-Behavioral Science and AGEC Awareness Areas | 3 hrs |
| | Take one course that satisfies Humanities, Arts, and Design AND an Awareness Area requirement(s). |
| | Take one course that satisfies Social-Behavioral Science AND an Awareness Area requirement(s). |

Pathway Notes

There are no notes for this pathway

Special Requirements

Completion of the Maricopa to ASU Engineering Pathway and all special requirements meets ASU major requirements for the Aerospace Engineering (Aeronautics) degree program. A3.0 transfer GPA as calculated by ASU for admissions is required. All courses must be completed with a grade of "C" or better. While requirements listed will meet ASU degree requirements, only 64 credit hours are transferable to ASU.

Note: Students interested in completing the BSE Aerospace Engineering (Aeronautics) degree with two additional years at ASU, must complete MAE 242 (Intro to Fluid Mechanics) and MAE 384 through dual-enrollment or in the summer prior to admission. Students are strongly encouraged to contact the SEMTE Advising Office at (480)965-2335 to meet with an academic advisor upon enrollment into a MAPP at the community college.

| | | |
|--|---------|--|
| MAT 225: Elementary Linear Algebra | 3 hrs | Complete additional lower division requirements not to exceed 64 total transfer credits. Students should complete MAT 225, ECE 211, ECE 212, ECE 215, ECE 105 or CSC 110 and ECE 216/216LL before taking other additional courses listed. All other additional requirements listed can be completed after transfer to ASU. |
| ECE 211: Engineering Mechanics-Statics | 3 hrs | |
| ECE 212: Engineering Mechanics-Dynamics | 3 hrs | |
| ECE 215: Mechanics of Materials | 3 hrs | |
| ECE 216: Computer-Aided Engineering and ECE 216LL: Computer-Aided Engineering La | 3 hrs | |
| ECE 105: MATLAB Programming OR CSC 110: Introduction to Computer Science (Java) or CSC 110AA: Introduction to Computer Science (Java) or CSC 110AB: Introduction to Computer Science (Java) | 1-3 hrs | |
| EEE 202: Circuits and Devices | 0-5 hrs | |
| Humanities, Arts, and Design | 0-3 hrs | |
| Social-Behavioral Science | 0-3 hrs | |
| ECE 104: EPICS Gold I | 0-2 hrs | |

Total Required Credits: 63

Pathway Agreement

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Maricopa Community College District Aerospace Engineering (Astronautics), BSE Pathway 2020-2021

ASU Major: [Aerospace Engineering \(Astronautics\), BSE](#) | [Ira A. Fulton Schools of Engineering](#)

Pathway Requirements

| | |
|---|--|
| Engineering Core ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL |   3 hrs |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL |   3 hrs |
| ECE 102: Engineering Analysis Tools an or ECE 102AA: Engineering Analysis Tools and Techniques AND |   4 hrs |
| ECE 103: Engineering Problem Solving and Design or ECE 103AB: Engineering Problem Solving and Design or ECE 103EP: Engineering Problem Solving and Design (with EPICS projects) | |
| MAT 221: Calculus with Analytic Geometry I or MAT 220: Calculus with Analytic Geometry I |   4-5 hrs |
| MAT 231: Calculus with Analytic Geometry II or MAT 230: Calculus with Analytic Geometry II |   4-5 hrs |
| MAT 241: Calculus with Analytic Geometry III or MAT 240: Calculus with Analytic Geometry III |   4-5 hrs |
| MAT 277: Modern Differential Equations or MAT 276: Modern Differential Equations | 3-4 hrs |
| CHM 150: General Chemistry I and CHM 151LL: General Chemistry I Laboratory OR CHM 150AA: General Chemistry I OR CHM 151: General Chemistry I and CHM 151LL: General Chemistry I Laboratory OR CHM 151AA: General Chemistry I |   4-5 hrs |
| CHM 152: General Chemistry II and CHM 152LL: General Chemistry II Laboratory OR CHM 152AA: General Chemistry II |   4 hrs |
| PHY 121: UNIVERSITY PHYSICS I: MECHANICS or PHY 115: University Physics I |  4-5 hrs |
| PHY 131: University Physics II: Electricity and Magnetism or PHY 116: University Physics II |  4-5 hrs |
| Humanities, Arts, and Design [HU] and General Education Awareness Areas [C, H, G] |  3 hrs Take one course that satisfies Humanities, Arts and Design AND an Awareness Area requirement. |
| Social-Behavioral Science [SB] and General Education Awareness Areas [C, H, G] |  3 hrs Take one course that satisfies Social-Behavioral Science AND an Awareness Area requirement. |

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Completion of the Maricopa to ASU Engineering Pathway and all special requirements meet ASU major map requirements for the Aerospace Engineering (Astronautics) degree program. A 3.0 transfer GPA as calculated by ASU for admissions is required. All courses must be completed with a grade of "C" or better. While requirements listed will meet ASU degree requirements, only 64 credit hours are transferable to ASU.

Note: Students interested in completing the BSE Aerospace Engineering (Astronautics) degree with two additional years at ASU, must complete MAE 242 (Intro to Fluid Mechanics) and MAE 384 through concurrent-enrollment or in the summer prior to admission. Students are strongly encouraged to contact the SEMTE Advising Office at (480)965-2335 to meet with an academic advisor upon enrollment into a MAPP at the community college.

Additional Lower Division Requirements

| | | |
|--|---------|--|
| MAT 225: Elementary Linear Algebra | 3 hrs | Complete additional lower division requirements not to exceed 64 total transfer credits. Students should complete MAT 225, ECE 211, ECE 212, ECE 215, ECE 105 or CSC 110 and ECE 216/216LL before taking other additional courses listed. All other additional requirements listed can be completed after transfer to ASU. |
| ECE 211: Engineering Mechanics-Statics | 3 hrs | |
| ECE 212: Engineering Mechanics-Dynamics | 3 hrs | |
| ECE 215: Mechanics of Materials | 3 hrs | |
| ECE 105: MATLAB Programming or CSC 110: Introduction to Computer Scie or CSC 110AA: Introduction to Computer Science (Java) or CSC 110AB: Introduction to Computer Science (Java) | 1-4 hrs | |
| ECE 216: Computer-Aided Engineering and ECE 216LL: Computer-Aided Engineering La | 3 hrs | |
| EEE 202: Circuits and Devices | 0-5 hrs | |
| Humanities, Arts, and Design [HU] | 0-3 hrs | |
| Social-Behavioral Science [SB] | 0-3 hrs | |
| ECE 104: EPICS Gold I | 0-2 hrs | EPICS is Engineering Projects in Community Service. Students who complete ECE104 may continue the EPICS sequence at ASU. Consult with Engineering faculty and/or STEM advisors to learn more about EPICS |

Total Required Credits: 63

Pathway Agreement

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Maricopa Community College District

Aerospace Engineering (Autonomous Vehicle Systems), BSE Pathway

2020-2021

ASU Major: [Aerospace Engineering \(Autonomous Vehicle Systems\), BSE | Ira A. Fulton Schools of Engineering](#)

Pathway Requirements

| | |
|--|--|
| Engineering Core ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL | 3 hrs   |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL | 3 hrs   |
| ECE 102: Engineering Analysis Tools and Techniques or ECE 102AA: Engineering Analysis Tools and Techniques AND | 4 hrs  |
| ECE 103: Engineering Problem Solving and Design or ECE 103AB: Engineering Problem Solving and Design or ECE 103EP: Engineering Problem Solving and Design (with EPICS projects) | |
| MAT 221: Calculus with Analytic Geometry I or MAT 220: Calculus with Analytic Geometry I | 4-5 hrs   |
| MAT 231: Calculus with Analytic Geometry II or MAT 230: Calculus with Analytic Geometry II | 4-5 hrs  |
| MAT 241: Calculus with Analytic Geometry III or MAT 240: Calculus with Analytic Geometry III | 4-5 hrs  |
| MAT 277: Modern Differential Equations or MAT 276: Modern Differential Equations | 3-4 hrs |
| PHY 121: UNIVERSITY PHYSICS I: MECHANICS or PHY 115: University Physics I | 4-5 hrs   |
| PHY 131: University Physics II: Electricity and Magnetism or PHY 116: University Physics II | 4-5 hrs   |
| CHM 150: General Chemistry I and CHM 151LL: General Chemistry I Laboratory OR CHM 150AA: General Chemistry I OR CHM 151: General Chemistry I or CHM 151LL: General Chemistry I Laboratory OR CHM 151AA: General Chemistry I | 4-5 hrs   |
| CHM 152: General Chemistry II and CHM 152LL: General Chemistry II Laboratory OR CHM 152AA: General Chemistry II | 4 hrs   |
| Humanities, Arts, and Design and AGEC Awareness Areas | 3 hrs  |
| Social-Behavioral Science and AGEC Awareness Areas | 3 hrs  |

Take one course that satisfies Humanities, Arts, and Design AND an Awareness Area requirement.

Take one course that satisfies Social-Behavioral Science AND an Awareness Area requirement.

Pathway Notes

There are no notes for this pathway

Special Requirements

Completion of the Maricopa to ASU Engineering Pathway (MAPP) and all special requirements meets ASU major map requirements for the Aerospace Engineering (Autonomous Vehicle Systems) degree program. A3.0 transfer GPA as calculated by ASU for admissions is required. All courses must be completed with a grade of "C" or better. While requirements listed will meet ASU degree requirements, only 64 credit hours are transferable to ASU.

Note: Students interested in completing the BSE Aerospace Engineering (Autonomous Vehicle Systems) degree with two additional years at ASU, must complete MAE 242 (Intro to Fluid Mechanics) and MAE 384 through dual-enrollment or in the summer prior to admission. Students are strongly encouraged to contact the SEMTE Advising Office at (480)965-2335 to meet with an academic advisor upon enrollment into a MAPP at the community college.

Additional Lower Division Requirements

| | | |
|---|---------|--|
| MAT 225: Elementary Linear Algebra | 3 hrs | Complete additional lower division requirements not to exceed 64 total transfer credits. Students should complete MAT 225, ECE 211, ECE 212, ECE 215, ECE 105 or CSC 110 and ECE 216/216LL before taking other additional courses listed. All other additional requirements listed can be completed after transfer to ASU. |
| ECE 211: Engineering Mechanics-Statics | 3 hrs | |
| ECE 212: Engineering Mechanics-Dynamics | 3 hrs | |
| ECE 215: Mechanics of Materials | 3 hrs | |
| ECE 216: Computer-Aided Engineering or ECE 216LL: Computer-Aided Engineering Laboratory | 3 hrs | |
| ECE 105: MATLAB Programming or CSC 110: Introduction to Computer Science (Java) | 1-3 hrs | |
| EEE 202: Circuits and Devices | 0-5 hrs | |
| Humanities, Arts, and Design | 0-3 hrs | |
| Social-Behavioral Science | 0-3 hrs | |
| ECE 104: EPICS Gold I | 0-2 hrs | EPICS is Engineering Projects in Community Service. Students who complete ECE 104 may continue the EPICS sequence at ASU. Consult with Engineering faculty and/or STEM advisors to learn more about EPICS. |

Total Required Credits: 63

Pathway Agreement

Print

Maricopa Community College District
African and African American Studies, BA Pathway
2020-2021

ASU Major: [African and African American Studies, BA](#) | College of Liberal Arts and Sciences

Pathway Requirements

| | | |
|---|-------|--|
| First Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL | 3 hrs | |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL | 3 hrs | |

| | | |
|--|-------|--|
| Literacy and Critical Inquiry [L] Literacy and Critical Inquiry | 3 hrs | |
|--|-------|--|

| | | |
|--|---------|--|
| Mathematical Studies [MA, CS] MAT 140: College Mathematics or MAT 141: College Mathematics or MAT 142: College Mathematics or MAT 145: College Mathematics with Review or MAT 146: College Mathematics with Review | 3-6 hrs | |
|--|---------|--|

| | | |
|---|-------|--|
| Computer/Statistics/Quantitative Analysis | 3 hrs | |
|---|-------|--|

| | | |
|--|-------|--|
| Humanities, Arts, and Design [HU] Humanities, Arts, and Design [HU] | 3 hrs | |
|--|-------|--|

| | | |
|-----------------------------------|-------|--|
| Humanities, Arts, and Design [HU] | 3 hrs | |
|-----------------------------------|-------|--|

| | | | |
|--|-------|--|--|
| Social-Behavioral Science [SB] Social-Behavioral Science OR | 3 hrs | | AFR 202 also fills Related Area course |
| AFR 202: Ethnic Relations in the U.S. | | | |
| Social-Behavioral Science | 3 hrs | | |

| | | | |
|---|-------|--|--|
| Natural Science [SQ, SG] Natural Science | 4 hrs | | Select at least one SQ within the Natural Science requirement. |
| Natural Science | 4 hrs | | |

| | | | |
|---|-------|--|---------------------------------|
| General Education Awareness Areas [C, H, G] Cultural Diversity in the U.S. [C] | 0 hrs | | Satisfied by AFR 110 or AFR 202 |
| Historical or Global Awareness [H] or [G] | 0 hrs | | Satisfied by AFR 202 |

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the African and African American Studies B.A. degree program.

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information: <https://transfer.asu.edu/credits>

MCCC Additional Requirements

COM 100: Introduction to Human Communication or
 COM 110: Interpersonal Communication or
 COM 225: Public Speaking or
 COM 230: Small Group Communication

0-3 hrs 

CRE 101: College Critical Reading 0-3 hrs Complete CRE 101 or equivalent.

Additional Lower Division Requirements

Lower Division Second Language:
 Requirement satisfied through the following:
 Completion of a language course at the
 intermediate level (202 or equivalent),
 including American Sign Language IV.

0-16 hrs

Related Area Course 0-3 hrs Select one course that transfers to ASU as a course equivalent or department elective (DEC) in the following ASU prefixes: AFS, AFR, or AFH; or select one of the following courses: ASB 202, ENH 110, ENH 114 HIS 204, HUM 214, or HUM 260. You may select specific courses from the Course Equivalency Guide that satisfy these criteria. Determination is made based on the semester and year the course is taken.

Lower Division Elective 0-25 hrs Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements.

Total Required Credits: 60

Pathway Agreement

Print

Maricopa Community College District
American Indian Studies, BS Pathway
2020-2021

ASU Major: **American Indian Studies, BS | College of Liberal Arts and Sciences**

Pathway Requirements

First Year Composition [FYC]

ENG 101: First-Year Composition or
 ENG 107: First-Year Composition for ESL



3 hrs

ENG 102: First-Year Composition or
 ENG 108: First-Year Composition for ESL



3 hrs

Literacy and Critical Inquiry [L]

Literacy and Critical Inquiry [L]



3 hrs

Suggest AIS 213 as a required Humanities or Literacy course.

Mathematical Studies [MA, CS]

MAT 140: College Mathematics or
 MAT 141: College Mathematics or
 MAT 142: College Mathematics or
 MAT 145: College Mathematics with Review
 or
 MAT 146: College Mathematics with Review



3-6 hrs

Computer/Statistics/Quantitative Analysis



3 hrs

Humanities, Arts, and Design [HU]

Humanities, Arts, and Design [HU]



3 hrs

Suggest AIS 213 as a required Humanities or Literacy course.

Humanities, Arts, and Design [HU]



3 hrs

Social-Behavioral Science [SB]

Social-Behavioral Science [SB]



3 hrs

Suggest taking AIS 140.

Social-Behavioral Science



3 hrs

Natural Science [SQ, SG]

Natural Science [SQ, SG]



4 hrs

Select at least one SQ within the Natural Science requirement.

Natural Science [SQ, SG]



4 hrs

General Education Awareness Areas [C, H, G]

Cultural Diversity in the U.S. [C]



0-3 hrs

Met by AIS 160 or SOC 160 requirement

Historical or Global Awareness [H] or [G]



0-3 hrs

Met by AIS 160 or SOC 160 requirement

MCCCD Additional Requirements

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Emphasis in American Indian Studies degree and AGECE-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the American Indian Studies B.S. degree program.

COM 100: Introduction to Human Communication or
 COM 110: Interpersonal Communication or
 COM 225: Public Speaking or
 COM 230: Small Group Communication

0-3 hrs 

CRE 101: College Critical Reading 0-3 hrs Complete CRE 101 or equivalent.

Additional Lower Division Requirements

AIS 105: Introduction to American Indian Studies or
 SOC 105: Introduction to American Indian Studies

3 hrs

AIS 160: American Indian Law or
 SOC 160: American Indian Law

3 hrs

Arts, Languages and Cultures Emphasis Area

0-8 hrs

Lower Division Elective 0-19 hrs Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements.

Total Required Credits: 60

Track/Groups

Arts, Languages and Cultures Emphasis Area

| Arts, Languages and Cultures Emphasis Area | |
|--|---|
| NAV 101: Elementary Navajo I or NAV 102: Elementary Navajo II | NAV 101 and 102 are not required courses. Students may choose to complete NAV 101 or 102 after transfer to ASU. |

Pathway Agreement



Print



Maricopa Community College District Anthropology, BA Pathway 2020-2021

ASU Major: [Anthropology, BA](#) | [College of Liberal Arts and Sciences](#)


Pathway Requirements

First Year Composition [FYC]


ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL   3 hrs



ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL   3 hrs

Literacy and Critical Inquiry [L]

Literacy and Critical Inquiry  3 hrs

Mathematical Studies [MA, CS]


MAT 140: College Mathematics or
MAT 141: College Mathematics or
MAT 142: College Mathematics and
MAT 145: College Mathematics with Review
or
MAT 146: College Mathematics with Review
or
Higher level course that meets MA
requirement  3-6 hrs

PSY 230: Introduction to Statistics OR   3 hrs Fulfills Computer/Statistics/Quantitative
Applications [CS] requirement.

MAT 206: Elements of Statistics OR

SWU 225: Statistics for Social Research/Justice and Government


Humanities, Arts, and Design [HU]


ASB 222: BURIED CITIES/LOST
TRIBES:OLD OR  3 hrs

ASB 223: BURIED CITIES/LOST
TRIBES:NEW


Humanities, Arts, and Design  3 hrs


Social-Behavioral Science [SB]

ASB 102: INTRO/CULTURAL & SOCIAL
ANTHR  3 hrs

Social-Behavioral Science  3 hrs

Natural Science [SQ, SG]

ASM 104: Bones, Stones, and Human Evol  4 hrs

Natural Science [SQ, SG]  4 hrs Select a [SQ] course.

General Education Awareness Areas [C, H, G]


Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

The recommended MCCCDC associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Emphasis in Anthropology degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Anthropology, BA degree program.

| | | | |
|---|---------|---|--|
| Cultural Diversity in the U.S. [C] | 0-3 hrs |  | |
| Historical or Global Awareness [H] or [G] | 0 hrs |  | 3 hours [G, H] met with ASB 222/ASB 223. |

| | | | |
|---|---------|---|---------------------------------|
| MCCCD Additional Requirements | | | |
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs |  | |
| CRE 101: College Critical Reading | 0-3 hrs | | Complete CRE 101 or equivalent. |

| | | | |
|--|----------|--|--|
| Additional Lower Division Requirements | | | |
| Lower Division Second Language: Requirement satisfied through the following: Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 0-16 hrs | | |
| Lower Division Elective | 0-25 hrs | | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60

Pathway Agreement

Print

Maricopa Community College District

Applied Biological Sciences (Applied Biological Sciences), BS Pathway

2020-2021

ASU Major: [Applied Biological Sciences \(Applied Biological Sciences\), BS | College of Integrative Sciences and Arts](#)

Pathway Requirements

First Year Composition [FYC]

ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL



3 hrs

ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL



3 hrs

Literacy and Critical Inquiry [L]

Literacy and Critical Inquiry [L]



3 hrs

Mathematical Studies [MA, CS]

MAT 220: Calculus with Analytic Geometry I
or
MAT 221: Calculus with Analytic Geometry I



4-5 hrs

Computer/Statistics/Quantitative Applications
[CS]



3 hrs

Humanities, Arts, and Design [HU]

Humanities, Arts, and Design



3 hrs

Humanities, Arts, and Design



3 hrs

Social-Behavioral Science [SB]

Social-Behavioral Science



3 hrs

Social-Behavioral Science



3 hrs

Natural Science [SQ, SG]

BIO 181: General Biology (Majors) I



4 hrs

BIO 182: General Biology (Majors) II



4 hrs

General Education Awareness Areas [C, H, G]

Cultural Diversity in the U.S. [C]



0-3 hrs

Historical or Global Awareness [H] or [G]



0-3 hrs

MCCCD Additional Requirements






Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Applied Biological Sciences (Applied Biological Sciences), BS degree program.

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information: <https://transfer.asu.edu/credits>

| | | |
|--|--|---|
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs  | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |
| Additional Lower Division Requirements | | |
| CHM 150: General Chemistry I and CHM 151LL: General Chemistry I Laboratory OR CHM 151: General Chemistry I and CHM 151LL: General Chemistry I Laboratory OR CHM 150AA: General Chemistry I or CHM 151AA: General Chemistry I | 4-5 hrs  | |
| CHM 152: General Chemistry II and CHM 152LL: General Chemistry II Laboratory OR CHM 152AA: General Chemistry II | 4 hrs  | |
| PHY 101: Introduction to Physics OR PHY 111: General Physics I and PHY 112: General Physics II | 4-8 hrs  | Students considering Graduate school or health professions should complete the PHY 111 and PHY 112 sequence. All other students will complete PHY 101 and elective hours. |
| CHM 230: Fundamental Organic Chemistry and CHM 230LL: Fundamental Organic Chemistry OR CHM 235: General Organic Chemistry I and CHM 235LL: General Organic Chemistry I L and CHM 236: General Organic Chemistry IIA and CHM 236LL: General Organic Chemistry IIA Laboratory | 4-8 hrs  | Students considering graduate school or health professions should complete the following: CHM 235, 235LL, 236, and 236LL (instead of CHM 230 and 230LL). |
| Lower Division Elective | 0-8 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60



















Pathway Agreement

Print

Maricopa Community College District Applied Biological Sciences (Natural Resource Ecology), BS Pathway 2020-2021

ASU Major: [Applied Biological Sciences \(Natural Resource Ecology\), BS](#) | College of Integrative Sciences and Arts

Pathway Requirements

| | |
|---|--|
| First Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL | 3 hrs   |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL | 3 hrs   |
| Literacy and Critical Inquiry [L] Literacy and Critical Inquiry [L] | 3 hrs  |
| Mathematical Studies [MA, CS] MAT 220: Calculus with Analytic Geometry I or MAT 221: Calculus with Analytic Geometry I | 3-5 hrs   |
| Computer/Statistics/Quantitative Applications [CS] | 3 hrs  |
| Humanities, Arts, and Design [HU] Humanities, Arts, and Design | 3 hrs  |
| Humanities, Arts, and Design | 3 hrs  |
| Social-Behavioral Science [SB] Social-Behavioral Science | 3 hrs  |
| Social-Behavioral Science | 3 hrs  |
| Natural Science [SQ, SG] BIO 181: General Biology (Majors) I | 4 hrs   |
| BIO 182: General Biology (Majors) II | 4 hrs   |
| General Education Awareness Areas [C, H, G] Cultural Diversity in the U.S. [C] | 0-3 hrs  |
| Historical or Global Awareness [H] or [G] | 0-3 hrs  |

MCCCD Additional Requirements






Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Applied Biological Sciences (Natural Resource Ecology), BS degree program.

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information: <https://transfer.asu.edu/credits>

| | | |
|---|--|--|
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs  | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |
| Additional Lower Division Requirements | | |
| BIO 207: Applied Plant Taxonomy | 0-3 hrs | If needed, can be taken after transfer. |
| CHM 150: General Chemistry I and CHM 151LL: General Chemistry I Laboratory OR CHM 151: General Chemistry I and CHM 151LL: General Chemistry I Laboratory OR CHM 150AA: General Chemistry I or CHM 151AA: General Chemistry I | 4-5 hrs  | |
| CHM 152: General Chemistry II and CHM 152LL: General Chemistry II Laboratory OR CHM 152AA: General Chemistry II | 4 hrs  | |
| CHM 230: Fundamental Organic Chemistry and CHM 230LL: Fundamental Organic Chemistry | 4 hrs  | |
| PHY 101: Introduction to Physics | 4 hrs  | |
| Lower Division Elective | 0-9 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60

Pathway Agreement

Print

Maricopa Community College District Applied Biological Sciences (Preveterinary Medicine), BS Pathway 2020-2021

ASU Major: [Applied Biological Sciences \(Preveterinary Medicine\), BS](#) | College of Integrative Sciences and Arts

Pathway Requirements

First-Year Composition [FYC]

ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL



ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL



Literacy and Critical Inquiry [L]

Literacy and Critical Inquiry [L]

0-3 hrs



Recommend selecting a course that satisfies Literacy and Critical Inquiry, Social-Behavioral Sciences, Humanities and Fine Arts, COM, or CRE 101 requirements simultaneously.

Mathematical Studies [MA]

MAT 220: Calculus with Analytic Geometry I
or
MAT 221: Calculus with Analytic Geometry I



Humanities, Arts, and Design [HU]

Humanities, Arts, and Design

3 hrs



Humanities, Arts, and Design

3 hrs



Social-Behavioral Science [SB]

Social-Behavioral Science

3 hrs



Social-Behavioral Science

3 hrs



Natural Science [SQ, SG]

BIO 181: General Biology (Majors) I

4 hrs



BIO 182: General Biology (Majors) II

4 hrs



Subject Options



Pathway Notes



Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.


Special Requirements

The recommended MCCCDC associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Science, Emphasis in Biological Sciences and AGEC-S. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Applied Biological Sciences (Preveterinary Medicine), BS degree program.





ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information:
<https://transfer.asu.edu/credits>

| | |
|---|--|
| CHM 150: General Chemistry I and CHM 151LL: General Chemistry I Laboratory OR | 4-5 hrs  |
| CHM 151: General Chemistry I and CHM 151LL: General Chemistry I Laboratory OR | |
| CHM 150AA: General Chemistry I or CHM 151AA: General Chemistry I | |
| CHM 152: General Chemistry II and CHM 152LL: General Chemistry II Laboratory OR | 4 hrs  |
| CHM 152AA: General Chemistry II | |

| | |
|---|--|
| General Education Awareness Areas [C, H, G] Cultural Diversity in the U.S. [C] | 0-3 hrs  |
| Historical or Global Awareness [H] or [G] | 0-3 hrs  |

| | |
|---|--|
| MCCCD Additional Requirements COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs  |
|---|--|

| | | |
|-----------------------------------|---------|---------------------------------|
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |
|-----------------------------------|---------|---------------------------------|

| | |
|---|--|
| Additional Lower Division Requirements BIO 205: Microbiology | 4 hrs  |
| CHM 235: General Organic Chemistry I and CHM 235LL: General Organic Chemistry I Laboratory | 4 hrs  |
| CHM 236: General Organic Chemistry IIA and CHM 236LL: General Organic Chemistry IIA Laboratory | 4 hrs  |
| PHY 111: General Physics I AND | 8 hrs  |
| PHY 112: General Physics II | |

| | | |
|-------------------------|---------|---|
| Lower Division Elective | 0-2 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. ABS 271 will need to be taken after transfer to ASU. |
|-------------------------|---------|---|

Total Required Credits: 60

Pathway Agreement

Print

Maricopa Community College District

Applied Biological Sciences (Secondary Education in Biology), BS Pathway

2020-2021

ASU Major: [Applied Biological Sciences \(Secondary Education in Biology\), BS | College of Integrative Sciences and Arts](#)

Pathway Requirements

First-Year Composition [FYC]

ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL



3 hrs

ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL



3 hrs

Literacy and Critical Inquiry [L]

Literacy and Critical Inquiry [L]

0-3 hrs

Recommend selecting a course that satisfies Literacy & Critical Inquiry, Social-Behavioral Sciences, Humanities & Fine Arts, COM, or CRE 101 requirements simultaneously.

Mathematical Studies [MA]

MAT 220: Calculus with Analytic Geometry I
or
MAT 221: Calculus with Analytic Geometry I



4-5 hrs

Humanities, Arts, and Design [HU]

Humanities, Arts, and Design [HU]

3 hrs



Humanities, Arts, and Design [HU]

3 hrs



Social-Behavioral Science [SB]

POS 113: United States and Arizona Social Studies or
GCU 113: United States and Arizona Social Studies or
HIS 103: United States History to 1865



3 hrs

HIS 103, GCU 113, and POS 113 meet US Constitution teacher certification requirement. GCU 113 and POS 113 (GCU/POS227 prior to Fall 2016) also meet AZ Constitution teacher certification requirement.

Social-Behavioral Science [SB]



3 hrs

Recommend EDU 222 as it also fulfills [C]

Natural Science [SQ, SG]

BIO 181: General Biology (Majors) I or
BIO 181XT: General Biology (Majors) I



4 hrs

BIO 182: General Biology (Majors) II



4 hrs

Subject Options

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

The recommended MCCCDC associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Science, Emphasis in Secondary Education degree and AGECS-S. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Applied Biological Sciences (Secondary Education in Biology), BS degree program.

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information: <https://transfer.asu.edu/credits>


CHM 150: General Chemistry I and
 CHM 151LL: General Chemistry I Laboratory
 or
 CHM 150AA: General Chemistry I or
 CHM 151: General Chemistry I and
 CHM 151LL: General Chemistry I Laboratory
 or
 CHM 151AA: General Chemistry I


4 hrs


CHM 152: General Chemistry II and
 CHM 152LL: General Chemistry II
 Laboratory or
 CHM 152AA: General Chemistry II or
 CHM 154: General Chemistry II with
 Qualitative Analysis and
 CHM 154LL: General Chemistry II with
 Qualitative Laboratory

4 hrs


General Education Awareness Areas [C, H, G]

Cultural Diversity in the U.S. [C] 0-3 hrs  Recommend EDU 222 as it also fulfills [SB]

Global Awareness [G] or Historical
 Awareness [H] 0-3 hrs 


MCCCD Additional Requirements


COM 100: Introduction to Human
 Communication OR
 COM 110: Interpersonal Communication OR
 COM 225: Public Speaking OR
 COM 230: Small Group Communication

0-3 hrs


CRE 101: College Critical Reading 0-3 hrs Complete CRE 101 or equivalent.

Additional Lower Division Requirements

BIO 205: Microbiology 4 hrs


PHY 101: Introduction to Physics or
 PHY 101AA: Introduction to Physics OR 4-5 hrs
 Students considering Graduate school or health
 professions should complete PHY 111 and PHY
 112, using PHY 112 in place of electives. All
 other students should complete PHY 101.

PHY 111: General Physics I or
 PHY 111AA: General Physics I

Lower Division Elective 0-15 hrs Lower Division Electives should be completed
 once all other requirements have been met and
 only if needed to complete community college's
 associate degree requirements, excluding MAT
 120/121/122 (non-transferable to ASU).

Total Required Credits: 61

Pathway Agreement


Print


Maricopa Community College District Applied Biological Sciences (Sustainable Horticulture), BS Pathway 2020-2021


ASU Major: [Applied Biological Sciences \(Sustainable Horticulture\), BS | College of Integrative Sciences and Arts](#)


Pathway Requirements


First Year Composition [FYC]
ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL   3 hrs


ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL   3 hrs


Literacy and Critical Inquiry [L]
Literacy and Critical Inquiry [L]  3 hrs


Mathematical Studies [MA, CS]
MAT 220: Calculus with Analytic Geometry I
or
MAT 221: Calculus with Analytic Geometry I   4-5 hrs

Computer/Statistics/Quantitative Applications
[CS]  3 hrs

Humanities, Arts, and Design [HU]
Humanities, Arts, and Design [HU]  3 hrs


Humanities, Arts, and Design [HU]  3 hrs


Social-Behavioral Science [SB]
Social-Behavioral Science [SB]  3 hrs GCU 113 recommended

Social-Behavioral Science [SB]  3 hrs

Natural Science [SQ, SG]
BIO 181: General Biology (Majors) I or
BIO 181XT: General Biology (Majors) I   4 hrs

BIO 182: General Biology (Majors) II   4 hrs

General Education Awareness Areas [C, H, G]
Cultural Diversity in the U.S. [C]  0-3 hrs

Historical or Global Awareness [H] or [G]  0-3 hrs

MCCCD Additional Requirements



Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.







Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Applied Biological Sciences (Sustainable Horticulture) B.S. degree program.

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information: <https://transfer.asu.edu/credits>

| | | | |
|---|---------|---|---------------------------------|
| COM 100: Introduction to Human Communication OR | 0-3 hrs |  | |
| COM 110: Interpersonal Communication OR | | | |
| COM 225: Public Speaking OR | | | |
| COM 230: Small Group Communication | | | |
| CRE 101: College Critical Reading | 0-3 hrs |  | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | | |
|---|---------|---|--|
| AGS 260: Soils | 3 hrs | | Fulfills ASU's Sustainable Horticulture Elective |
| CHM 150: General Chemistry I and CHM 151LL: General Chemistry I Laboratory or CHM 150AA: General Chemistry I or CHM 151: General Chemistry I and CHM 151LL: General Chemistry I Laboratory or CHM 151AA: General Chemistry I | 4-5 hrs |   | |
| CHM 152: General Chemistry II and CHM 152LL: General Chemistry II Laboratory or CHM 152AA: General Chemistry II or CHM 154: General Chemistry II with Qualitative Analysis and CHM 154LL: General Chemistry II with Qualitative Laboratory | 4-5 hrs |   | |
| CHM 230: Fundamental Organic Chemistry and CHM 230LL: Fundamental Organic Chemistry Laboratory OR | 4 hrs |  | Students considering graduate school or health professions should complete the Organic Chemistry Sequence of both CHM 235/235LL and CHM 236/236LL sequence, using CHM 236/236LL in place of electives. All other students will complete CHM 230/230LL. |
| CHM 235: General Organic Chemistry I and CHM 235LL: General Organic Chemistry I Laboratory | | | |
| PHY 101: Introduction to Physics or PHY 101AA: Introduction to Physics OR | 4-5 hrs |  | Students considering graduate school or health professions should complete the PHY 111/111AA and PHY 112 sequence, using PHY 112 in place of electives. All other students will complete PHY 101/101AA. |
| PHY 111: General Physics I or PHY 111AA: General Physics I | | | |
| Lower Division Elective | 0-5 hrs | | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60



Pathway Agreement



Print


Maricopa Community College District
Applied Computing, BS Pathway
2020-2021



ASU Major: [Applied Computing, BS | New College of Interdisciplinary Arts and Sciences](#)

Pathway Requirements

First Year Composition [FYC]
 ENG 101: First-Year Composition or
 ENG 107: First-Year Composition for ESL   3 hrs


ENG 102: First-Year Composition or
 ENG 108: First-Year Composition for ESL   3 hrs


Literacy and Critical Inquiry [L]
 Literacy and Critical Inquiry [L]  3 hrs


Mathematical Studies [MA, CS]
 MAT 212: Brief Calculus or
 MAT 213: Brief Calculus OR   3-5 hrs


MAT 220: Calculus with Analytic Geometry I
 OR


MAT 221: Calculus with Analytic Geometry I


CSC 110: Introduction to Computer Science
 or
 CSC 110AA: Introduction to Computer
 Science or
 CSC 110AB: Introduction to Computer
 Science  3 hrs


Humanities, Arts, and Design [HU]
 Humanities, Arts, and Design [HU]  3 hrs


Humanities, Arts, and Design [HU]  3 hrs


Social-Behavioral Science [SB]
 Social-Behavioral Science [SB]  3 hrs

Social-Behavioral Science [SB]  3 hrs

Natural Science [SQ, SG]
 Natural Science [SQ, SG]  4 hrs Select at least one SQ within the Natural
 Science requirement.

Natural Science [SQ, SG]  4 hrs

General Education Awareness Areas [C, H, G]
 Cultural Diversity in the U.S. [C]  0-3 hrs

Historical or Global Awareness [H] or [G]  0-3 hrs

Pathway Notes


Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements



Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Applied Computing BS degree program.

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information:
<https://transfer.asu.edu/credits>

MCCCD Additional Requirements

| | | |
|---|--|---------------------------------|
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs  | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|--|--|---|
| CSC 200: Principles of Computer Science or CSC 200AA: Principles of Computer Science(Java) or CSC 200AB: Principles of Computer Science or CSC 205: Object Oriented Programming or CSC 205AA: Object Oriented Programming or CSC 205AB: Object Oriented Programming or CSC 205AC: Object Oriented Programming or CSC 205AD: Object Oriented Programming | 3-4 hrs | CSC 205, CSC 205AA, CSC 205AB, CSC 205AC, or CSC 205AD recommended because they meet the prerequisite for CSC 240 or CSC 240AA. |
| CSC 240: Introduction to Different Programming Languages or CSC 240AA: Introduction to Different Programming Languages | 3 hrs | |
| MAT 227: Discrete Mathematical Structures | 3 hrs  | As per "or permission of instructor" in Maricopa's MAT227 course description, academic advisors and other student services personnel are authorized by Maricopa's Math Instructional Council to approve MAT227 registration using either MAT212/213 OR MAT220/221 (and CSC110 or CSC110) as the course prerequisites. |
| MAT 206: Elements of Statistics or SWU 225: Statistics for Social Research/Justice and Government | 3 hrs  | |
| Lower Division Elective | 0-13 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60

Pathway Agreement

Print


Maricopa Community College District Applied Computing (Cybersecurity), BS Pathway 2020-2021

ASU Major: [Applied Computing \(Cybersecurity\), BS | New College of Interdisciplinary Arts and Sciences](#)

Pathway Requirements

First Year Composition [FYC]
ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL   3 hrs


ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL   3 hrs

Literacy and Critical Inquiry [L]
Literacy and Critical Inquiry [L]  3 hrs


Mathematical Studies [MA, CS]
MAT 212: Brief Calculus or
MAT 213: Brief Calculus OR   3-5 hrs



MAT 220: Calculus with Analytic Geometry I
OR

MAT 221: Calculus with Analytic Geometry I


CSC 110: Introduction to Computer Science
or
CSC 110AA: Introduction to Computer
Science or
CSC 110AB: Introduction to Computer
Science  3 hrs

Humanities, Arts, and Design [HU]
Humanities, Arts, and Design [HU]  3 hrs

Humanities, Arts, and Design [HU]  3 hrs

Social-Behavioral Science [SB]
COM 100: Introduction to Human
Communication or
COM 100AA: Intro Human Communication
Part I or
COM 100AB: Intro Human Communication
Part II or
COM 100AC: Intro Human Communication
Part III   3 hrs

PSY 101: Introduction to Psychology   3 hrs

Natural Science [SQ, SG]
Natural Science [SQ, SG]  4 hrs Select at least one SQ within the Natural
Science requirement.

Natural Science [SQ, SG]  4 hrs



Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.


Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Applied Computing (Cybersecurity) B.S. degree program.



ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information:
<https://transfer.asu.edu/credits>

| | |
|---|--|
| Cultural Diversity in the U.S. [C] | 0-3 hrs  |
| Historical or Global Awareness [H] or [G] | 0-3 hrs  |

MCCCD Additional Requirements

| | | |
|---|--|---------------------------------|
| COM 100: Introduction to Human Communication OR | 0 hrs  | Fulfilled by COM 100 |
| COM 110: Interpersonal Communication OR | | |
| COM 225: Public Speaking OR | | |
| COM 230: Small Group Communication | | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|--|--|---|
| CSC 200: Principles of Computer Science or CSC 200AA: Principles of Computer Science(Java) or CSC 200AB: Principles of Computer Science or CSC 205: Object Oriented Programming or CSC 205AA: Object Oriented Programming or CSC 205AB: Object Oriented Programming or CSC 205AC: Object Oriented Programming or CSC 205AD: Object Oriented Programming | 3-4 hrs | CSC 205, CSC 205AA, CSC 205AB, CSC 205AC, or CSC 205AD recommended because they meet the prerequisite for CSC 240 or CSC 240AA. |
| CSC 240: Introduction to Different Programming Languages or CSC 240AA: Introduction to Different Programming Languages | 3 hrs | |
| MAT 206: Elements of Statistics or SWU 225: Statistics for Social Research/Justice and Government | 3 hrs  | |
| MAT 227: Discrete Mathematical Structures | 3 hrs  | As per "or permission of instructor" in Maricopa's MAT227 course description, academic advisors and other student services personnel are authorized by Maricopa's Math Instructional Council to approve MAT227 registration using either MAT212/213 OR MAT220/221 (and CSC110 or CSC110) as the course prerequisites. |
| Lower Division Elective | 0-13 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60





Pathway Agreement


Print

Maricopa Community College District Applied Mathematics, BS Pathway 2020-2021


ASU Major: [Applied Mathematics, BS | New College of Interdisciplinary Arts and Sciences](#)



Pathway Requirements



| | |
|---|---|
| First Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL |   3 hrs |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL |   3 hrs |





| | |
|--|--|
| Literacy and Critical Inquiry [L] Literacy and Critical Inquiry [L] |  3 hrs |
|--|--|

| | |
|---|---|
| Mathematical Studies [MA, CS] MAT 220: Calculus with Analytic Geometry I or MAT 221: Calculus with Analytic Geometry I |   4-5 hrs |
|---|---|

| | |
|---|---|
| CSC 110: Introduction to Computer Science or CSC 110AA: Introduction to Computer Science (Java) or CSC 110AB: Intro to Computer Science (JAVA) |  3-4 hrs |
|---|---|

| | |
|---|---|
| Humanities, Arts, and Design [HU] Humanities, Arts, and Design |  3 hrs |
| Humanities, Arts, and Design |  3 hrs |

| | |
|---|---|
| Social-Behavioral Science [SB] Social-Behavioral Science |  3 hrs |
| Social-Behavioral Science |  3 hrs |

| | | |
|--|---|---|
| Natural Science [SQ, SG] CHM 151: General Chemistry I and CHM 151LL: General Chemistry I Laboratory OR |   4-5 hrs | Select a sequence of the same science with at least one course satisfying the [SQ] requirement. |
| PHY 115: University Physics I or PHY 121: UNIVERSITY PHYSICS I: MECHANICS OR | | |
| BIO 181: General Biology (Majors) I | | |
| CHM 152: General Chemistry II or CHM 152LL: General Chemistry II Laboratory OR |   4-5 hrs | |
| PHY 116: University Physics II or PHY 131: University Physics II: Electricity OR | | |
| BIO 182: General Biology (Majors) II | | |



Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.


Special Requirements

The recommended MCCCDC associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Emphasis in Mathematics degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Applied Mathematics B.S. degree program.

General Education Awareness Areas [C, H, G]

| | | |
|---|---------|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs |  |
| Historical or Global Awareness [H] or [G] | 0-3 hrs |  |


MCCCD Additional Requirements


| | | |
|---|---------|---|
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs |  |
|---|---------|---|

| | | |
|-----------------------------------|---------|---------------------------------|
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |
|-----------------------------------|---------|---------------------------------|

Additional Lower Division Requirements

| | | |
|--|---------|--|
| CSC 200: Principles of Computer Science(Java) or CSC 200AA: Principles of Computer Science(Java) or CSC 200AB: Principles of Computer Science(Java) or CSC 205: Object Oriented Programming and Data Structures or CSC 205AA: Object Oriented Programming and Data Structures or CSC 205AB: Object Oriented Programming and Data Structures or CSC 205AC: Object Oriented Programming and Data Structures or CSC 205AD: Object Oriented Programming and Data Structures | 3-4 hrs | Completion of ASU's ACO 101 and ACO 102 satisfies the New College Language and Cultures requirement. |
|--|---------|--|

| | | |
|---|---------|---|
| MAT 230: Calculus with Analytic Geometry II or MAT 231: Calculus with Analytic Geometry II | 4-5 hrs |  |
|---|---------|---|

| | | |
|---|---------|---|
| MAT 240: Calculus with Analytic Geometry III or MAT 241: Calculus with Analytic Geometry III | 4-5 hrs |  |
|---|---------|---|

| | | |
|---|---------|--|
| MAT 276: Modern Differential Equations or MAT 277: Modern Differential Equations | 3-4 hrs | |
|---|---------|--|

| | | |
|-------------------------|----------|--|
| Lower Division Elective | 0-10 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |
|-------------------------|----------|--|

Total Required Credits: 60

Pathway Agreement



Print


Maricopa Community College District Applied Mathematics, BS Pathway 2020-2021

ASU Major: [Applied Mathematics, BS | College of Integrative Sciences and Arts](#)

Pathway Requirements


First-Year Composition [FYC]
ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL   3 hrs


ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL   3 hrs


Literacy and Critical Inquiry [L]
Literacy and Critical Inquiry [L]  3 hrs


Mathematical Studies [MA]
MAT 220: Calculus with Analytic Geometry I
or
MAT 221: Calculus with Analytic Geometry I   4-5 hrs


CSC 110: Introduction to Computer Science
(Java) or
CSC 110AA: Introduction to Computer
Science (Java) or
CSC 110AB: Introduction to Computer
Science (Java) 3-4 hrs

Humanities, Arts, and Design [HU]
Humanities, Arts, and Design [HU]  3 hrs

Humanities, Arts, and Design [HU]  3 hrs

Social-Behavioral Science [SB]
Social-Behavioral Science [SB]  3 hrs

Social-Behavioral Science [SB]  3 hrs

Natural Science [SQ, SG]
CHM 151: General Chemistry I and
CHM 151LL: General Chemistry I Laboratory OR   4-5 hrs Select a sequence of the same science with at least one course satisfying the [SQ] requirement.

PHY 115: University Physics I or
PHY 121: UNIVERSITY PHYSICS I: MECHANICS OR
BIO 181: General Biology (Majors) I

CHM 152: General Chemistry II and
CHM 152LL: General Chemistry II
Laboratory OR   4-5 hrs

PHY 116: University Physics II or
PHY 131: University Physics II: Electricity OR

BIO 182: General Biology (Majors) II

Pathway Notes



Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements


The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Emphasis in Mathematics degree and AGEC-S. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Applied Mathematics B.S. degree program.

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information:
<https://transfer.asu.edu/credits>

General Education Awareness Areas [C, H, G]






| | | |
|---|---------|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs |  |
| Historical or Global Awareness [H] or [G] | 0-3 hrs |  |

MCCCD Additional Requirements

| | | |
|---|---------|---|
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs |  |
|---|---------|---|

| | | |
|-----------------------------------|---------|---------------------------------|
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |
|-----------------------------------|---------|---------------------------------|

Additional Lower Division Requirements

| | | |
|--|---------|--|
| MAT 227: Discrete Mathematical Structures | 3 hrs |  |
| MAT 230: Calculus with Analytic Geometry II or MAT 231: Calculus with Analytic Geometry II | 4-5 hrs |   |
| MAT 240: Calculus with Analytic Geometry III or MAT 241: Calculus with Analytic Geometry III | 4-5 hrs |   |
| MAT 276: Modern Differential Equations or MAT 277: Modern Differential Equations | 3-4 hrs | |

| | | |
|-------------------------|----------|--|
| Lower Division Elective | 0-10 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |
|-------------------------|----------|--|

Total Required Credits: 60

Pathway Agreement

Print

Maricopa Community College District
Applied Mathematics for Life and Social Sciences, BS Pathway
2020-2021

ASU Major: [Applied Mathematics for Life and Social Sciences, BS | College of Liberal Arts and Sciences](#)

Pathway Requirements

| | |
|--|-------|
| First-Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL | 3 hrs |

| | | |
|---|-------------|--|
| Literacy and Critical Inquiry [L] Literacy and Critical Inquiry [L] | 0-3 hrs | Recommend selecting a course that satisfies Literacy & Critical Inquiry, Social-Behavioral Sciences, Humanities & Fine Arts, COM, or CRE 101 requirements simultaneously. |
|---|-------------|--|

| | |
|--|---------|
| Mathematical Studies [MA] MAT 220: Calculus with Analytic Geometry I or MAT 221: Calculus with Analytic Geometry I | 4-5 hrs |
| CSC 100: Introduction to Computer Science or CSC 100AA: Introduction to Computer Science or CSC 100AB: Intro to COMPUTER SCIENCE (C+ OR | 3-4 hrs |
| CSC 110: Introduction to Computer Science or CSC 110AA: Introduction to Computer Science or CSC 110AB: Intro to Computer Science (JAVA) | |

| | |
|--|-------|
| Humanities, Arts, and Design [HU] Humanities, Arts, and Design | 3 hrs |
| Humanities, Arts, and Design | 3 hrs |

| | |
|--|-------|
| Social-Behavioral Science [SB] ASB 102: INTRO/CULTURAL & SOCIAL ANTHROPOLOGY OR | 3 hrs |
| PSY 101: Introduction to Psychology OR | |
| SOC 101: Introduction to Sociology OR | |
| POS 110: American National Government OR | |
| CFS 205: Human Development OR | |
| GCU 102: Intro to HUMAN GEOGRAPHY | |
| Social-Behavioral Science | 3 hrs |

Natural Science [SQ, SG]





Pathway Notes



Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.


Special Requirements

The recommended MCCCDC associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Emphasis in Mathematics degree and AGEC-S. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Applied Mathematics for the Life and Social Sciences B.S. degree program.






Minimum of 2.0 GPA is required for all coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater.

| | | |
|--------------------------------------|-------|---|
| BIO 181: General Biology (Majors) I | 4 hrs |   |
| BIO 182: General Biology (Majors) II | 4 hrs |   |

| | | |
|---|---------|---|
| General Education Awareness Areas [C, H, G] Cultural Diversity in the U.S. [C] | 0-3 hrs |  |
| Historical or Global Awareness [H] or [G] | 0-3 hrs |  |

| | | |
|--|---------|---|
| MCCCD Additional Requirements COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs |  |
|--|---------|---|

| | | |
|-----------------------------------|---------|---------------------------------|
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |
|-----------------------------------|---------|---------------------------------|

| | | |
|--|---------|---|
| Additional Lower Division Requirements MAT 230: Calculus with Analytic Geometry II or MAT 231: Calculus with Analytic Geometry II | 4-5 hrs |   |
| MAT 240: Calculus with Analytic Geometry III or MAT 241: Calculus with Analytic Geometry III | 4-5 hrs |   |
| MAT 262: Differential Equations OR MAT 276: Modern Differential Equations or MAT 277: Modern Differential Equations | 3-4 hrs |  |

| | | |
|-------------------------|----------|--|
| Lower Division Elective | 0-16 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |
|-------------------------|----------|--|

Total Required Credits: 60

Pathway Agreement

Print

Maricopa Community College District
Applied Physics, BS Pathway
2020-2021

ASU Major: **Applied Physics, BS | College of Integrative Sciences and Arts**

Pathway Requirements

First-Year Composition [FYC]

ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL



ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL



Literacy and Critical Inquiry [L]

Literacy and Critical Inquiry [L]

0-3 hrs



Recommend selecting a course that satisfies Literacy & Critical Inquiry, Social-Behavioral Sciences, Humanities and Fine Arts, COM, or CRE 101 requirements simultaneously.

Mathematical Studies [MA]

MAT 220: Calculus with Analytic Geometry I
or
MAT 221: Calculus with Analytic Geometry I



Humanities, Arts, and Design [HU]

Humanities, Arts, and Design [HU]

3 hrs



Humanities, Arts, and Design [HU]

3 hrs



Social-Behavioral Science [SB]

Social-Behavioral Science [SB]

3 hrs



Social-Behavioral Science [SB]

3 hrs



Natural Science [SQ, SG]

PHY 115: University Physics I or
PHY 121: UNIVERSITY PHYSICS I:
MECHANICS



PHY 116: University Physics II or
PHY 131: University Physics II: Electricity
and Magnetism



Subject Options

MAT 230: Calculus with Analytic Geometry II
or
MAT 231: Calculus with Analytic Geometry II



MAT 240: Calculus with Analytic Geometry III
or
MAT 241: Calculus with Analytic Geometry III



General Education Awareness Areas [C, H, G]


Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements


The recommended MCCCDC associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Science, Emphasis in Physics degree and AGEC-S. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Applied Physics, BS degree program.

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information:
<https://transfer.asu.edu/credits>

Cultural Diversity in the U.S. (C) 0-3 hrs 

Historical or Global Awareness [H] or [G] 0-3 hrs 

MCCCD Additional Requirements

COM 100: Introduction to Human Communication OR 0-3 hrs 

COM 110: Interpersonal Communication OR

COM 225: Public Speaking OR

COM 230: Small Group Communication

CRE 101: College Critical Reading 0-3 hrs Complete CRE 101 or equivalent.

Additional Lower Division Requirements

Lower Division Elective 0-23 hrs Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements.

Total Required Credits: 61

Pathway Agreement



Print



Maricopa Community College District Art (Art Education), BFA Pathway 2020-2021

ASU Major: [Art \(Art Education\), BFA | Herberger Institute for Design and the Arts](#)


Pathway Requirements

First Year Composition [FYC]


ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL   3 hrs


ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL   3 hrs

Literacy and Critical Inquiry [L]



Literacy and Critical Inquiry  3 hrs Recommend selecting COM 225 to fulfill two requirements simultaneously.



Mathematical Studies [MA, CS]

MAT 140: College Mathematics or
MAT 141: College Mathematics or
MAT 142: College Mathematics or
MAT 145: College Mathematics with Review
or
MAT 146: College Mathematics with Review
or
Higher level course that meets MA
requirement  3-6 hrs


Computer/Statistics/Quantitative Analysis  3 hrs

Humanities, Arts, and Design [HU]

ARH 101: Prehistoric through Gothic Art   3 hrs Also fulfills Historical [H] awareness area.

ARH 102: Renaissance Through Contemporary Art   3 hrs Also fulfills Historical [H] awareness area.


Social-Behavioral Science [SB]


GCU 113: United States and Arizona Social
Studies or
POS 113: United States and Arizona Social
Studies OR  3 hrs

Social-Behavioral Science [SB]

EDU 222: Introduction to the Exceptional Learner or
EED 222: INTRO EXCPT YNG CHLD: BIRTH-8  3 hrs Also fulfills Cultural Diversity in the U.S. [C]

Natural Science [SQ, SG]

Natural Science [SQ, SG]  4 hrs Select at least one SQ within the Natural Science requirement.

Natural Science [SQ, SG]  4 hrs

General Education Awareness Areas [C, H, G]

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

The recommended MCCCDC associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Fine Arts (AAFA), Emphasis in Art degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Art (Art Education), BFA degree program.

The MAPP for Art (Art Education), BFA is provided as a transfer pathway for students wishing to complete their Art (Art Education), BFA at ASU. Information on BFA requirements and application information is provided below to assist students. Students are encouraged to speak with a Herberger Institute advisor by the end of their third term of their MAPP regarding the transfer process and degree offerings. Information on advising and scheduling an appointment can be found here: <https://herbergerinstitute.asu.edu/advising>

For more information about the BFA application process and requirements, please visit: <http://art.asu.edu/admissions/undergrad/apply>

| | | |
|---|-------|-------------------------------|
| Cultural Diversity in the U.S. [C] | 0 hrs | [C] met by EDU222 or EED 222. |
| Historical or Global Awareness [H] or [G] | 0 hrs | [H] met by ARH101 and ARH102. |

MCCCD Additional Requirements

| | | |
|---|---------|---------------------------------|
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---------|--|
| ART 111: Drawing I | 3 hrs | |
| ART 112: Two-Dimensional Design | 3 hrs | |
| ART 113: Color | 3 hrs | |
| ART 115: Three-Dimensional Design | 3 hrs | |
| ART 255AB: The Portfolio or ART 255: Art Marketing | 1-3 hrs | Required for AAFA, Emphasis in Art. ART 255AB (1 credit) is recommended to stay within 64 community college credit transfer maximum. |
| Additional Art Foundation | 9 hrs | Complete one 2D course, one 3D course, and one additional 2D or 3D course. See Tracks below for course listings. The track title is located in the comments section of each track. |
| Art Education Proficiency Courses | 6 hrs | Complete courses that transfer to ASU with an ARA, ARE, ARS or ART prefix. |

Total Required Credits: 63

Track/Groups

Additional Art Foundation

| Additional Art Foundation | |
|--|---------------------------|
| ART 116: Life Drawing I OR | 2D Courses |
| ART 122: Drawing and Composition II OR | Additional Art Foundation |
| ART 131: Photography I OR | |
| ART 132: Photography II OR | |
| ART 165: Watercolor Painting I OR | |
| ART 167: Painting I OR | |
| ART 250: Introduction to Printmaking | |
| ART 151: Sculpture I OR | 3D Courses |
| ART 161: Ceramics I OR | |
| ART 277: Textiles I | |





Pathway Agreement


[Print](#)



Maricopa Community College District
Art (Art History), BA Pathway
2020-2021





ASU Major: [Art \(Art History\), BA | Herberger Institute for Design and the Arts](#)



Pathway Requirements



| | |
|--|--|
| First Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL | 3 hrs   |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL | 3 hrs   |



| | |
|---|---|
| Literacy and Critical Inquiry [L] Literacy and Critical Inquiry [L] | 3 hrs  |
|---|---|

| | |
|---|--|
| Mathematical Studies [MA, CS] MAT 140: College Mathematics or MAT 141: College Mathematics or MAT 142: College Mathematics or MAT 145: College Mathematics with Review or MAT 146: College Mathematics with Review or Higher level course that meets MA requirement | 3-6 hrs  |
| Computer/Statistics/Quantitative Analysis | 3 hrs  |

| | |
|---|--|
| Humanities, Arts, and Design [HU] ARH 101: Prehistoric through Gothic Art | 3 hrs   |
| ARH 102: Renaissance Through Contemporary Art | 3 hrs   |

| | |
|---|--|
| Social-Behavioral Science [SB] Social-Behavioral Science [SB] | 3 hrs  |
| Social-Behavioral Science [SB] | 3 hrs  |

| | | |
|---|--|---|
| Natural Science [SQ, SG] Natural Science [SQ, SG] | 4 hrs  | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs  | |

| | | |
|--|--|--|
| General Education Awareness Areas [C, H, G] Cultural Diversity in the U.S. [C] | 0-3 hrs  | |
| Historical or Global Awareness [H] or [G] | 0 hrs  | 3 hrs [H] satisfied by ARH 101 or ARH 102. |


Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.


Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Art (Art History) B.A. degree program.

MCCCD Additional Requirements

| | | |
|---|---|---------------------------------|
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs  | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|--|
| ART 111: Drawing I or ART 290BC: Studio Art: Drawing OR | 9 hrs  | Select a total of three courses from the four sets of courses listed. Only one course may be selected from each given set. |
| ADA 169: Two-Dimensional Computer Design or ART 112: Two-Dimensional Design or ART 169: Two-Dimensional Computer Design OR | | |
| ART 113: Color or ART 290JC: Studio Art: Color OR | | |
| ART 115: Three-Dimensional Design OR | | |
| ART 131: Photography I | | |
| ARH 201: Art of Asia | 3 hrs | |
| ARH 115: History of Photography | 3 hrs | |
| Second Language Requirement satisfied through the following: Completion of language course at the intermediate level (course must transfer to ASU at the 202 level or above). American Sign Language does not fulfill the degree requirements. | 0-16 hrs | Select 101, 102, 201, 202 as needed to reach 4th semester proficiency. American Sign Language does not fulfill the degree requirements. You may select specific courses from the Course Equivalency Guide that satisfy these criteria. Determination is made based on the semester and year the course is taken. |
| Lower Division Elective | 0-10 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60

Pathway Agreement



Print



Maricopa Community College District Art (Art Studies), BA Pathway 2020-2021

ASU Major: [Art \(Art Studies\), BA | Herberger Institute for Design and the Arts](#)


Pathway Requirements

First Year Composition [FYC]


ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL   3 hrs


ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL   3 hrs

Literacy and Critical Inquiry [L]



Literacy and Critical Inquiry  3 hrs Recommend selecting COM 225 to fulfill two requirements simultaneously.

Mathematical Studies [MA, CS]



MAT 140: College Mathematics or
MAT 141: College Mathematics or
MAT 142: College Mathematics or
MAT 145: College Mathematics with Review
or
MAT 146: College Mathematics with Review
or
Higher level course that meets MA
requirement  3-6 hrs

Computer/Statistics/Quantitative Analysis  3 hrs

Humanities, Arts, and Design [HU]

ARH 101: Prehistoric through Gothic Art OR   3 hrs Meets Historical [H] awareness. ARH 101 and ARH102 are both required for the AAFA, Emphasis in Art.

ARH 102: Renaissance Through Contempor


ARH 201: Art of Asia OR   3 hrs


ARH 145: History of American Indian Art OR

ARH 217: Mexican Art History OR


ARH 216: Pre-Columbian Art History


Social-Behavioral Science [SB]

Social-Behavioral Science  3 hrs Select a course which satisfies SB (Social & Behavioral Sciences) and the AGEC Cultural Diversity awareness [C] area.

Social-Behavioral Science  3 hrs

Natural Science [SQ, SG]

Natural Science  4 hrs Select at least one SQ within the Natural Science requirement.

Natural Science  4 hrs

General Education Awareness Areas [C, H, G]


Pathway Notes


Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

The MAPP for the BA in Art Studies is provided as a transfer pathway for students wishing to complete their BA in Art Studies at ASU.

The recommended MCCC associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Fine Arts (AAFA), Emphasis in Art and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Art (Art Studies) BA degree program.

| | | | |
|---|---------|---|---------------------------------|
| Cultural Diversity in the U.S. [C] | 0-3 hrs |  | |
| Historical or Global Awareness [H] or [G] | 0 hrs |  | Fulfilled by ARH 101 or ARH102. |

| | | | |
|--|---------|---|---------------------------------|
| MCCCD Additional Requirements COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs |  | |
| CRE 101: College Critical Reading | 0-3 hrs | | Complete CRE 101 or equivalent. |

| | | | |
|--|---------|---|---|
| Additional Lower Division Requirements ART 111: Drawing I or ART 290BC: Studio Art: Drawing | 3 hrs |  | |
| ART 112: Two-Dimensional Design | 3 hrs | | |
| ART 113: Color or ART 290JC: Studio Art: Color or ART 202: Digital Arts Survey or TCM 100: Digital Multimedia | 3 hrs | | |
| ART 115: Three-Dimensional Design | 3 hrs |  | |
| ART 255AB: The Portfolio or ART 255: Art Marketing | 1-3 hrs | | Required for AAFA, Emphasis in Art. ART 255ab (1 cr.) recommended |
| Additional Art Foundation | 12 hrs | | Complete 1 2D course, 1 3D course, and 2 additional 2D and/or 3D courses. See Tracks below for course listings. |
| Performing Arts Electives | 3 hrs | | Select three credit hours from the performing arts elective list. |

Total Required Credits: 63

Track/Groups

Additional Art Foundation

| Additional Art Foundation | |
|--|---------------------------|
| ART 116: Life Drawing I OR | 2D Courses |
| ART 122: Drawing and Composition II OR | Additional Art Foundation |
| ART 131: Photography I OR | |
| ART 132: Photography II OR | |
| ART 165: Watercolor Painting I OR | |
| ART 167: Painting I OR | |
| ART 250: Introduction to Printmaking | |
| ART 151: Sculpture I OR | 3D Courses |
| ART 161: Ceramics I OR | |
| ART 277: Textiles I | |

Performing Arts Electives

| Performing Arts Electives | |
|--|--|
| DAN Elective OR | MTC Elective cannot be MTC 103. |
| HUM 205: Introduction to Cinema or HUM 210: Contemporary Cinema or THF 205: Introduction to Cinema or THF 210: Contemporary Cinema OR | MUC Elective cannot be MUC 194, MUC 210, MUC 211, MUC 274AB, MUC 297AA, MUC 297AB, or MUC 297AC |
| MHL Elective OR | TCM Electives: TCM 111 and 211, TCM 120, TCM 134, TCM 136, TCM 145, TCM 202, TCM 213AA, TCM 220, TCM 230, TCM 240, TCM 248, TCM 250, TCM 263, TCM 265, and TCM 275. |
| MTC Elective OR | |
| MUC Elective OR | |

MUE Elective OR

MUP Elective OR

TCM Elective OR

THE Elective or
THF Elective OR

THP Elective or
THF Elective

THE/THF Elective cannot be THE
206, THF 210, HUM 210, THE
282AA, THE 282AB, or THE 282AC.

THP/THF Elective cannot be THF
120AA, THF 120AB, THP 241, COM
241 or THP 268.





Pathway Agreement


Print



Maricopa Community College District
Art (Ceramics), BFA Pathway
2020-2021





ASU Major: [Art \(Ceramics\), BFA | Herberger Institute for Design and the Arts](#)



Pathway Requirements



| | |
|---|--|
| First Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL | 3 hrs   |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL | 3 hrs   |

| | | |
|--|---|--|
| Literacy and Critical Inquiry [L] Literacy and Critical Inquiry [L] | 3 hrs  | Recommend selecting COM225 to meet [L] and Oral Communication requirements simultaneously. |
|--|---|--|

| | |
|--|--|
| Mathematical Studies [MA, CS] MAT 140: College Mathematics or MAT 141: College Mathematics or MAT 142: College Mathematics or MAT 145: College Mathematics with Review or MAT 146: College Mathematics with Review or Higher level course that meets MA requirement | 3-6 hrs  |
| Computer/Statistics/Quantitative Analysis | 3 hrs  |

| | | |
|--|--|--|
| Humanities, Arts, and Design [HU] ARH 101: Prehistoric through Gothic Art | 3 hrs   | ARH 101 also fulfills Historical [H] awareness area. |
| ARH 201: Art of Asia OR | 3 hrs   | ARH145 also meets [C]. |
| ARH 145: History of American Indian Art OR | | |
| ARH 217: Mexican Art History OR | | |
| ARH 216: Pre-Columbian Art History | | |

| | | |
|--|--|--|
| Social-Behavioral Science [SB] Social-Behavioral Science [SB] | 3 hrs  | Select a course which satisfies SB (Social & Behavioral Sciences) and the AGEC Cultural Diversity awareness [C] area, if not met by a course in a different section. |
| Social-Behavioral Science [SB] | 3 hrs  | |

| | | |
|--|--|--|
| Natural Science [SQ, SG] Natural Science [SQ, SG] | 4 hrs  | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs  | |

General Education Awareness Areas [C, H, G]

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

The recommended MCCC associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Fine Arts (AAFA), Emphasis in Art degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Art (Ceramics), BFA degree program.

The MAPP for the BFA in Art (Ceramics) is provided as a transfer pathway for students wishing to complete their BFA in Art (Ceramics) at ASU. Information on BFA requirements and application information is provided below to assist students. Students are encouraged to speak with a Herberger Institute advisor by the end of their third term of their MAPP regarding the transfer process and degree offerings. Information on advising and scheduling an appointment can be found here:
<https://herbergerinstitute.asu.edu/advising>

For more information about the BFA application process and requirements, please visit:
<http://art.asu.edu/admissions/undergrad/applyin>

| | | | |
|---|---------|--|-----------------------------|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | | |
| Historical or Global Awareness [H] or [G] | 0 hrs | | Fulfilled by ARH 101 or 102 |

| | | | |
|---|---------|--|---------------------------------|
| MCCCD Additional Requirements | | | |
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs | | |
| CRE 101: College Critical Reading | 0-3 hrs | | Complete CRE 101 or equivalent. |

| | | | |
|---|---------|--|---|
| Additional Lower Division Requirements | | | |
| ARH 102: Renaissance Through Contemporary Art | 3 hrs | | ARH 102 required to fulfill AAFA, Art |
| ART 111: Drawing I | 3 hrs | | |
| ART 112: Two-Dimensional Design | 3 hrs | | |
| ART 113: Color | 3 hrs | | |
| ART 115: Three-Dimensional Design | 3 hrs | | |
| ART 161: Ceramics I or ART 290GC: Studio Art: Ceramics | 3 hrs | | |
| ART 255: Art Marketing or ART 255AB: The Portfolio | 1-3 hrs | | Required for AAFA, Art |
| Additional Art Foundation | 6 hrs | | Complete 1 2D course and 1 3D course. See Tracks below for course listings. The track title is located in the comments section of each track. |

Total Required Credits: 60

Track/Groups

Additional Art Foundation

| Additional Art Foundation | |
|--|------------|
| ART 151: Sculpture I OR | 3D Courses |
| Additional Art Foundation | |
| ART 277: Textiles I | |
| ART 116: Life Drawing I OR | 2D Courses |
| ART 122: Drawing and Composition II OR | |
| ART 131: Photography I OR | |
| ART 132: Photography II OR | |
| ART 165: Watercolor Painting I OR | |
| ART 167: Painting I OR | |
| ART 250: Introduction to Printmaking | |

Pathway Agreement



Print



Maricopa Community College District Art (Intermedia), BFA Pathway 2020-2021

ASU Major: [Art \(Intermedia\), BFA | Herberger Institute for Design and the Arts](#)


Pathway Requirements

First Year Composition [FYC]


ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL   3 hrs

ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL   3 hrs

Literacy and Critical Inquiry [L]



Literacy and Critical Inquiry [L]  3 hrs Recommend selecting COM 225 to meet [L] and MCCCDC Additional Requirement simultaneously.


Mathematical Studies [MA, CS]

MAT 140: College Mathematics or
MAT 141: College Mathematics or
MAT 142: College Mathematics or
MAT 145: College Mathematics with Review
or
MAT 146: College Mathematics with Review
or
Higher level course that meets MA
requirement  3-6 hrs

Computer/Statistics/Quantitative Analysis  3 hrs

Humanities, Arts, and Design [HU]

ARH 101: Prehistoric through Gothic Art   3 hrs ARH 101 also fulfills Historical [H] awareness area.


ARH 201: Art of Asia OR   3 hrs ARH 145 also meets [C].


ARH 145: History of American Indian Art OR

ARH 217: Mexican Art History OR


ARH 216: Pre-Columbian Art History


Social-Behavioral Science [SB]

Social-Behavioral Science [SB]  3 hrs Select a course which satisfies SB (Social & Behavioral Sciences) and the AGEC Cultural Diversity awareness [C] area, if not met by a course in a different section.

Social-Behavioral Science [SB]  3 hrs

Natural Science [SQ, SG]

Natural Science [SQ, SG]  4 hrs Select at least one SQ within the Natural Science requirement.

Natural Science [SQ, SG]  4 hrs

General Education Awareness Areas [C, H, G]

Pathway Notes



Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.


Special Requirements




The recommended MCCCDC associate degree pathway and Arizona General Education Certificate (AGEC) for this major is the Associate in Arts, Fine Arts (AAFA), Emphasis in Art degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Art (Intermedia), BFA degree program.

The MAPP for the Art (Intermedia), BFA is provided as a transfer pathway for students wishing to complete their Art (Intermedia), BFA at ASU. Information on BFA requirements and application information is provided below to assist students. Students are encouraged to speak with a Herberger Institute advisor by the end of their third term of their MAPP regarding the transfer process and degree offerings. Information on advising and scheduling an appointment can be found here:

<https://herbergerinstitute.asu.edu/advising>

| | | | |
|---|---------|---|-----------------------------|
| Cultural Diversity in the U.S. [C] | 0-3 hrs |  | |
| Historical or Global Awareness [H] or [G] | 0 hrs |  | Fulfilled by ARH 101 or 102 |

| | | | |
|---|---------|---|---------------------------------|
| MCCCD Additional Requirements | | | |
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs |  | |
| CRE 101: College Critical Reading | 0-3 hrs | | Complete CRE 101 or equivalent. |

| | | | |
|--|---------|---|---|
| Additional Lower Division Requirements | | | |
| ARH 102: Renaissance Through Contemporary Art | 3 hrs |  | Meets Historical [H] awareness. ARH 101 and ARH 102 are both required for the AAFA, Emphasis in Art. |
| ART 111: Drawing I | 3 hrs |  | |
| ART 112: Two-Dimensional Design | 3 hrs | | |
| ART 115: Three-Dimensional Design | 3 hrs |  | |
| ART 202: Digital Arts Survey or TCM 100: Digital Multimedia | 3 hrs | | |
| ART 255: Art Marketing or ART 255AB: The Portfolio | 1-3 hrs | | Required for AAFA, Art |
| DFT 255: Additive Manufacturing | 0-4 hrs | | This course can be completed after transfer to ASU |
| Additional Art Foundation | 9 hrs | | Complete 1 2D course, 1 3D course, and 1 additional 2D or 3D courses. See Tracks below for course listings. The track title is located in the comments section of each track. |

Total Required Credits: 60

Track/Groups

Additional Art Foundation

| Additional Art Foundation | |
|--|------------|
| ART 116: Life Drawing I OR | 2D Courses |
| Additional Art Foundation | |
| ART 122: Drawing and Composition II OR | |
| ART 131: Photography I OR | |
| ART 132: Photography II OR | |
| ART 165: Watercolor Painting I OR | |
| ART 167: Painting I OR | |
| ART 250: Introduction to Printmaking | |
| ART 151: Sculpture I OR | 3D Courses |
| ART 161: Ceramics I OR | |
| ART 277: Textiles I | |

Pathway Agreement



[Print](#)



Maricopa Community College District Art (Museum Studies), BA Pathway 2020-2021

ASU Major: [Art \(Museum Studies\), BA | Herberger Institute for Design and the Arts](#)


Pathway Requirements

First Year Composition [FYC]


ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL   3 hrs


ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL   3 hrs

Literacy and Critical Inquiry [L]



Literacy and Critical Inquiry [L]  3 hrs



Mathematical Studies [MA, CS]

MAT 140: College Mathematics or
MAT 141: College Mathematics or
MAT 142: College Mathematics or
MAT 145: College Mathematics with Review
or
MAT 146: College Mathematics with Review
or
Higher level course that meets MA
requirement  3-6 hrs


Computer/Statistics/Quantitative Applications
[CS]  3 hrs


Humanities, Arts, and Design [HU]

ARH 101: Prehistoric through Gothic Art   3 hrs


ARH 102: Renaissance through
Contemporary Art   3 hrs


Social-Behavioral Science [SB]

Social-Behavioral Science [SB]  3 hrs


Social-Behavioral Science [SB]  3 hrs


Natural Science [SQ, SG]

Natural Science [SQ, SG]  4 hrs Select at least one SQ within the Natural
Science requirement.

Natural Science [SQ, SG]  4 hrs

General Education Awareness Areas [C, H, G]

Cultural Diversity in the U.S. [C]  0-3 hrs

Historical or Global Awareness [H] or [G]  0 hrs 3 hrs [H] satisfied by ARH 101 or ARH 102.

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Art (Museum Studies) B.A. degree program.

MCCCD Additional Requirements

COM 100: Introduction to Human Communication or
 COM 110: Interpersonal Communication or
 COM 225: Public Speaking or
 COM 230: Small Group Communication



0-3 hrs

CRE 101: College Critical Reading and Critical Thinking 0-3 hrs Complete CRE 101 or equivalent.

Additional Lower Division Requirements

ARH 145: History of American Indian Art or
 ARH 201: Art of Asia or
 ARH 216: Pre-Columbian Art History or
 ARH 217: Mexican Art History

3 hrs

The ASU requirement is ARS 201, but the specified Maricopa world or art history courses could fulfill the requirement.

Related Area Courses 3 hrs

Second Language Requirement satisfied through the following:
 Completion of language course at the intermediate level (course must transfer to ASU at the 202 level or above). American Sign Language does not fulfill the degree requirements.

0-16 hrs

Select 101, 102, 201, 202 as needed to reach 4th semester proficiency. American Sign Language does not fulfill the degree requirements.

Lower Division Elective 0-19 hrs Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements.

Total Required Credits: 60

Track/Groups

Related Area Courses

| Related Area Courses |
|--|
| GBS 151: Introduction to Business OR |
| GBS 206: Business Law (UCC) OR |
| HRM 160: Tourism Principles and Practices OR |
| IBS 101: Introduction to International Business OR |
| IBS 109: Cultural Dimension for International Trade OR |
| MGT 160: Project Management OR |
| MKT 101: Introduction to Public Relations OR |
| MKT 263: Advertising Principles OR |
| MKT 271: Principles of Marketing OR |
| PAD 101: Survey of Public Administration OR |
| REC 120: Leisure and the Quality of Life OR |
| REC 210: Leisure Delivery Systems |

Pathway Agreement



Print



Maricopa Community College District Art (Painting and Drawing), BFA Pathway 2020-2021

ASU Major: [Art \(Painting and Drawing\), BFA | Herberger Institute for Design and the Arts](#)


Pathway Requirements

First Year Composition [FYC]


ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL   3 hrs


ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL   3 hrs

Literacy and Critical Inquiry [L]



Literacy and Critical Inquiry [L]  3 hrs Recommend selecting COM 225 to meet [L] and MCCCD Additional Requirement simultaneously.



Mathematical Studies [MA, CS]

MAT 140: College Mathematics or
MAT 141: College Mathematics or
MAT 142: College Mathematics or
MAT 145: College Mathematics with Review
or
MAT 146: College Mathematics with Review
or
Higher level course that meets MA
requirement  3 hrs

Computer/Statistics/Quantitative Analysis  0-3 hrs

Humanities, Arts, and Design [HU]

ARH 101: Prehistoric through Gothic Art   3 hrs ARH 101 also fulfills Historical [H] awareness area.


ARH 201: Art of Asia OR   3 hrs ARH145 also meets [C].


ARH 145: History of American Indian Art OR

ARH 217: Mexican Art History OR


ARH 216: Pre-Columbian Art History


Social-Behavioral Science [SB]

Social-Behavioral Science [SB]  3 hrs Select a course which satisfies Social & Behavioral Sciences [SB] and the AGEC Cultural Diversity awareness [C] area, if not met by a course in a different section.

Social-Behavioral Science [SB]  3 hrs

Natural Science [SQ, SG]

Natural Science [SQ, SG]  4 hrs Select at least one SQ within the Natural Science requirement.

Natural Science [SQ, SG]  4 hrs

General Education Awareness Areas [C, H, G]

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.



Special Requirements


The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major is the Associate in Arts, Fine Arts (AAFA), Emphasis in Art degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Art (Painting and Drawing), BFA degree program.





The MAPP for the BFA in Art (Painting and Drawing) is provided as a transfer pathway for students wishing to complete their BFA in Art (Painting and Drawing) at ASU. Information on BFA requirements and application information is provided below to assist students. Students are encouraged to speak with a Herberger Institute advisor by the end of their third term of their MAPP regarding the transfer process and degree offerings. Information on advising and scheduling an appointment can be found here:

<https://herbergerinstitute.asu.edu/advising>

For more information about the BFA application process and requirements, please visit:
<http://art.asu.edu/admissions/undergrad/applyin>

| | | | |
|---|---------|---|-----------------------------|
| Cultural Diversity in the U.S. [C] | 0-3 hrs |  | |
| Historical or Global Awareness [H] or [G] | 0 hrs |  | Fulfilled by ARH 101 or 102 |

| | | | |
|---|---------|---|---------------------------------|
| MCCCD Additional Requirements | | | |
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs |  | |
| CRE 101: College Critical Reading | 0-3 hrs | | Complete CRE 101 or equivalent. |

| | | | |
|---|---------|---|--|
| Additional Lower Division Requirements | | | |
| ARH 102: Renaissance Through Contemporary Art | 3 hrs |  | Meets Historical [H] awareness. ARH 101 and ARH 102 are both required for the AAFA, Emphasis in Art. |
| ART 111: Drawing I | 3 hrs |  | |
| ART 112: Two-Dimensional Design | 3 hrs | | |
| ART 113: Color | 3 hrs |  | |
| ART 115: Three-Dimensional Design | 3 hrs |  | |
| ART 116: Life Drawing I | 3 hrs | | |
| ART 122: Drawing and Composition II | 3 hrs | | |
| ART 167: Painting I | 3 hrs | | |
| ART 255: Art Marketing or ART 255AB: The Portfolio | 1-3 hrs | | Required for AAFA, Emphasis in Art |
| 3D Art Course | 3 hrs | | Complete one 3-D course. Course options are found below. |

Total Required Credits: 60

Track/Groups

3D Art Course

| Additional Art Foundation | |
|---------------------------|------------|
| ART 151: Sculpture I OR | 3D Courses |
| ART 161: Ceramics I OR | |
| ART 277: Textiles I | |

Pathway Agreement



Print



Maricopa Community College District Art (Photography), BFA Pathway 2020-2021

ASU Major: [Art \(Photography\), BFA | Herberger Institute for Design and the Arts](#)


Pathway Requirements

First Year Composition [FYC]


ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL   3 hrs


ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL   3 hrs

Literacy and Critical Inquiry [L]



Literacy and Critical Inquiry [L]  3 hrs Recommend selecting COM 225 to meet [L] and MCCCDC Additional Requirement simultaneously.



Mathematical Studies [MA, CS]

MAT 140: College Mathematics or
MAT 141: College Mathematics or
MAT 142: College Mathematics or
MAT 145: College Mathematics with Review
or
MAT 146: College Mathematics with Review
or
Higher level course that meets MA
requirement  3-6 hrs

Computer/Statistics/Quantitative Analysis  3 hrs

Humanities, Arts, and Design [HU]

ARH 101: Prehistoric through Gothic Art   3 hrs ARH 101 also fulfills Historical [H] awareness area.


ARH 201: Art of Asia OR   3 hrs ARH 145 also meets [C].


ARH 145: History of American Indian Art OR

ARH 217: Mexican Art History OR


ARH 216: Pre-Columbian Art History


Social-Behavioral Science [SB]

Social-Behavioral Science [SB]  3 hrs Select a course which satisfies Social-Behavioral Science [SB] and the AGEC Cultural Diversity awareness [C] area, if not met by a course in a different section.

Social-Behavioral Science  3 hrs

Natural Science [SQ, SG]

Natural Science  4 hrs Select at least one SQ within the Natural Science requirement.

Natural Science  4 hrs

General Education Awareness Areas [C, H, G]

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

The recommended MCCCDC associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Fine Arts (AAFA), Emphasis in Art degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Art (Photography), BFA degree program.

The MAPP for the Art (Photography), BFA is provided as a transfer pathway for students wishing to complete their Art (Photography), BFA at ASU. Information on BFA requirements and application information is provided below to assist students. Students are encouraged to speak with a Herberger Institute advisor by the end of their third term of their MAPP regarding the transfer process and degree offerings. Information on advising and scheduling an appointment can be found here:

<https://herbergerinstitute.asu.edu/advising>

For more information about the BFA application process and requirements, please visit:
<http://art.asu.edu/admissions/undergrad/applyin>

| | | | |
|---|---------|--|-----------------------------|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | | |
| Historical or Global Awareness [H] or [G] | 0 hrs | | Fulfilled by ARH 101 or 102 |

| | | | |
|---|---------|--|---------------------------------|
| MCCCD Additional Requirements | | | |
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs | | |
| CRE 101: College Critical Reading | 0-3 hrs | | Complete CRE 101 or equivalent. |

| | | | |
|---|---------|--|--|
| Additional Lower Division Requirements | | | |
| ARH 102: Renaissance Through Contemporary Art | 3 hrs | | Meets Historical [H] awareness. ARH 101 and ARH 102 are both required for the AAFA, Emphasis in Art. |
| ART 111: Drawing I | 3 hrs | | |
| ART 112: Two-Dimensional Design | 3 hrs | | |
| ART 113: Color | 3 hrs | | |
| ART 115: Three-Dimensional Design | 3 hrs | | |
| ART 131: Photography I | 3 hrs | | |
| ART 132: Photography II | 3 hrs | | |
| ART 234: Color Photography I | 3 hrs | | |
| ART 255: Art Marketing or ART 255AB: The Portfolio | 1-3 hrs | | Required for AAFA, Emphasis in Art |

Total Required Credits: 60

Pathway Agreement



Print



Maricopa Community College District Art (Printmaking), BFA Pathway 2020-2021

ASU Major: [Art \(Printmaking\), BFA | Herberger Institute for Design and the Arts](#)


Pathway Requirements

First Year Composition [FYC]


ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL   3 hrs


ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL   3 hrs

Literacy and Critical Inquiry [L]



Literacy and Critical Inquiry [L]  3 hrs Recommend selecting COM225 to meet [L] and Oral Communication requirements simultaneously.



Mathematical Studies [MA, CS]

MAT 140: College Mathematics or
MAT 141: College Mathematics or
MAT 142: College Mathematics or
MAT 145: College Mathematics with Review
or
MAT 146: College Mathematics with Review
or
Higher level course that meets MA
requirement  3-6 hrs

Computer/Statistics/Quantitative Analysis  3 hrs

Humanities, Arts, and Design [HU]

ARH 101: Prehistoric through Gothic Art   3 hrs ARH 101 also fulfills Historical [H] awareness area.


ARH 201: Art of Asia OR   3 hrs ARH 145 also meets [C].


ARH 145: History of American Indian Art OR

ARH 217: Mexican Art History OR


ARH 216: Pre-Columbian Art History


Social-Behavioral Science [SB]

Social-Behavioral Science [SB]  3 hrs Select a course which satisfies Social & Behavioral Sciences [SB] and the AGEC Cultural Diversity awareness [C] area, if not met by a course in a different section.

Social-Behavioral Science [SB]  3 hrs

Natural Science [SQ, SG]

Natural Science [SQ, SG]  4 hrs Select at least one SQ within the Natural Science requirement.

Natural Science [SQ, SG]  4 hrs

General Education Awareness Areas [C, H, G]

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements



The recommended MCCCDC associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Fine Arts (AAFA), Emphasis in Art degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Art (Printmaking), BFA degree program.


The MAPP for the BFA in Art (Printmaking) is provided as a transfer pathway for students wishing to complete their BFA in Art (Printmaking) at ASU. Information on BFA requirements and application information is provided below to assist students. Students are encouraged to speak with a Herberger Institute advisor by the end of their third term of their MAPP regarding the transfer process and degree offerings. Information on advising and scheduling an appointment can be found here:





<https://herbergerinstitute.asu.edu/advising>

For more information about the BFA application process and requirements, please visit:

<http://art.asu.edu/admissions/undergrad/applyin>

| | | | |
|---|---------|---|-----------------------------|
| Cultural Diversity in the U.S. [C] | 0-3 hrs |  | |
| Historical or Global Awareness [H] or [G] | 0 hrs |  | Fulfilled by ARH 101 or 102 |

| | | | |
|---|---------|---|---------------------------------|
| MCCCD Additional Requirements | | | |
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs |  | |
| CRE 101: College Critical Reading | 0-3 hrs | | Complete CRE 101 or equivalent. |

| | | | |
|---|---------|---|--|
| Additional Lower Division Requirements | | | |
| ARH 102: Renaissance Through Contemporary Art | 3 hrs |  | ARH 102 required to fulfill AAFA, Art |
| ART 111: Drawing I | 3 hrs |  | |
| ART 112: Two-Dimensional Design | 3 hrs |  | |
| ART 113: Color | 3 hrs | | |
| ART 115: Three-Dimensional Design | 3 hrs |  | |
| ART 250: Introduction to Printmaking | 3 hrs | | |
| ART 255: Art Marketing or ART 255AB: The Portfolio | 1-3 hrs | | Required for AAFA, Art |
| Additional Art Foundation | 6 hrs | | Complete 1 2D course and 1 3D course. See Tracks below for course listing. |

Total Required Credits: 60

Track/Groups

Additional Art Foundation

| Additional Art Foundation | |
|--|---------------------------|
| ART 116: Life Drawing I OR | 2D Courses |
| ART 122: Drawing and Composition II OR | Additional Art Foundation |
| ART 131: Photography I OR | |
| ART 132: Photography II OR | |
| ART 165: Watercolor Painting I OR | |
| ART 167: Painting I | |
| ART 151: Sculpture I OR | 3D Courses |
| ART 161: Ceramics I OR | |
| ART 277: Textiles I | |

Pathway Agreement



Print



Maricopa Community College District Art (Sculpture), BFA Pathway 2020-2021

ASU Major: [Art \(Sculpture\), BFA](#) | Herberger Institute for Design and the Arts


Pathway Requirements

First Year Composition [FYC]


ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL   3 hrs


ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL   3 hrs

Literacy and Critical Inquiry [L]



Literacy and Critical Inquiry [L]  3 hrs Recommend selecting COM 225 to meet [L] and MCCCDC Additional Requirement simultaneously.



Mathematical Studies [MA, CS]

MAT 140: College Mathematics or
MAT 141: College Mathematics or
MAT 142: College Mathematics or
MAT 145: College Mathematics with Review
or
MAT 146: College Mathematics with Review
or
Higher level course that meets MA
requirement  3-6 hrs

Computer/Statistics/Quantitative Analysis  3 hrs

Humanities, Arts, and Design [HU]

ARH 101: Prehistoric through Gothic Art   3 hrs ARH 101 also fulfills Historical [H] awareness area.


ARH 201: Art of Asia OR   3 hrs ARH145 also meets [C].


ARH 145: History of American Indian Art OR

ARH 217: Mexican Art History OR


ARH 216: Pre-Columbian Art History


Social-Behavioral Science [SB]

Social-Behavioral Science [SB]  3 hrs Select a course which satisfies SB (Social & Behavioral Sciences) and the AGEC Cultural Diversity awareness [C] area, if not met by a course in a different section.

Social-Behavioral Science  3 hrs

Natural Science [SQ, SG]

Natural Science [SQ, SG]  4 hrs Select at least one SQ within the Natural Science requirement.

Natural Science [SQ, SG]  4 hrs

General Education Awareness Areas [C, H, G]

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

The recommended MCCCDC associate degree pathway and Arizona General Education Certificate (AGEC) for this major is the Associate in Arts, Fine Arts (AAFA), Empphasis in Art degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Art (Sculpture),BFAdegree program.

The MAPP for the Art (Sculpture), BFA is provided as a transfer pathway for students wishing to complete their Art (Sculpture), BFA at ASU. Information on BFA requirements and application information is provided below to assist students. Students are encouraged to speak with a Herberger Institute advisor by the end of their third term of their MAPP regarding the transfer process and degree offerings. Information on advising and scheduling an appointment canbe found here:

<https://herbergerinstitute.asu.edu/advising>

For more information about the BFA application process and requirements, please visit:

<http://art.asu.edu/admissions/undergrad/applyin>

| | | | |
|---|---------|--|-----------------------------|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | | |
| Historical or Global Awareness [H] or [G] | 0 hrs | | Fulfilled by ARH 101 or 102 |

| | | | |
|--|---------|--|---------------------------------|
| MCCCD Additional Requirements COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs | | |
| CRE 101: College Critical Reading | 0-3 hrs | | Complete CRE 101 or equivalent. |

| | | | |
|---|---------|--|--|
| Additional Lower Division Requirements ARH 102: Renaissance Through Contemporary Art | 3 hrs | | Meets Historical [H] awareness. ARH 101 and ARH 102 are both required to fulfill AAFA, Emphasis in Art. |
| ART 111: Drawing I | 3 hrs | | |
| ART 112: Two-Dimensional Design | 3 hrs | | |
| ART 113: Color | 3 hrs | | |
| ART 115: Three-Dimensional Design | 3 hrs | | |
| ART 151: Sculpture I | 3 hrs | | |
| ART 255: Art Marketing or ART 255AB: The Portfolio | 1-3 hrs | | Required for AAFA, Emphasis in Art. |
| Additional Art Foundation | 9 hrs | | Complete 1 2D course, and 2 additional 2D or 3D courses. See Tracks below for course listings. The track title is located in the comments section of each track. |

Total Required Credits: 63

Track/Groups

Additional Art Foundation

| Additional Art Foundation | |
|--|------------|
| ART 116: Life Drawing I OR | 2D Courses |
| Additional Art Foundation | |
| ART 122: Drawing and Composition II OR | |
| ART 131: Photography I OR | |
| ART 132: Photography II OR | |
| ART 165: Watercolor Painting I OR | |
| ART 167: Painting I OR | |
| ART 250: Introduction to Printmaking | |
| ART 161: Ceramics I OR | 3D Courses |
| ART 277: Textiles I | |





Pathway Agreement


Print



Maricopa Community College District
Art (Textiles), BFA Pathway
2020-2021





ASU Major: [Art \(Textiles\), BFA | Herberger Institute for Design and the Arts](#)



Pathway Requirements



| | |
|---|--|
| First Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL | 3 hrs   |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL | 3 hrs   |

| | | |
|--|---|---|
| Literacy and Critical Inquiry [L] Literacy and Critical Inquiry [L] | 3 hrs  | Recommend selecting COM 225 to meet [L] and MCCCDC Additional Requirement simultaneously. |
|--|---|---|

| | |
|--|--|
| Mathematical Studies [MA, CS] MAT 140: College Mathematics or MAT 141: College Mathematics or MAT 142: College Mathematics or MAT 145: College Mathematics with Review or MAT 146: College Mathematics with Review or Higher level course that meets MA requirement | 3-6 hrs  |
| Computer/Statistics/Quantitative Analysis | 3 hrs  |

| | | |
|---|--|--|
| Humanities, Arts, and Design [HU] ARH 101: Prehistoric through Gothic Ar | 3 hrs   | ARH 101 also fulfills Historical [H] awareness area. |
| ARH 201: Art of Asia OR | 3 hrs   | ARH145 also meets [C]. |
| ARH 145: History of American Indian Art OR | | |
| ARH 217: Mexican Art History OR | | |
| ARH 216: Pre-Columbian Art History | | |

| | | |
|--|--|--|
| Social-Behavioral Science [SB] Social-Behavioral Science [SB] | 3 hrs  | Select a course which satisfies Social & Behavioral Sciences [SB] and the AGEC Cultural Diversity awareness [C] area, if not met by a course in a different section. |
| Social-Behavioral Science [SB] | 3 hrs  | |

| | | |
|--|--|--|
| Natural Science [SQ, SG] Natural Science [SQ, SG] | 4 hrs  | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs  | |

General Education Awareness Areas [C, H, G]

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

The recommended MCCCDC associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Fine Arts (AAFA), Emphasis in Art degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Art (Textiles), BFA degree program.


The MAPP for the BFA in Art (Textiles) is provided as a transfer pathway for students wishing to complete their BFA in Art (Textiles) at ASU. Information on BFA requirements and application information is provided below to assist students. Students are encouraged to speak with a Herberger Institute advisor by the end of their third term of their MAPP regarding the transfer process and degree offerings. Information on advising and scheduling an appointment can be found here:




<https://herbergerinstitute.asu.edu/advising>

For more information about the BFA application process and requirements, please visit:

<http://art.asu.edu/admissions/undergrad/applyin>

| | | | |
|---|---------|---|-----------------------------|
| Cultural Diversity in the U.S. [C] | 0-3 hrs |  | |
| Historical or Global Awareness [H] or [G] | 0 hrs |  | Fulfilled by ARH 101 or 102 |

| | | | |
|---|---------|---|---------------------------------|
| MCCCD Additional Requirements | | | |
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs |  | |
| CRE 101: College Critical Reading | 0-3 hrs | | Complete CRE 101 or equivalent. |

| | | | |
|---|---------|---|--|
| Additional Lower Division Requirements | | | |
| ARH 102: Renaissance Through Contemporary Art | 3 hrs |  | Meets Historical [H] awareness. ARH 101 and ARH 102 are both required for the AAFA, Emphasis in Art. |
| ART 111: Drawing I | 3 hrs |  | |
| ART 112: Two-Dimensional Design | 3 hrs | | |
| ART 113: Color | 3 hrs | | |
| ART 115: Three-Dimensional Design | 3 hrs |  | |
| ART 277: Textiles I | 3 hrs | | |
| ART 255: Art Marketing or ART 255AB: The Portfolio | 1-3 hrs | | Required for AAFA-Art |
| Additional Art Foundation | 6 hrs | | Complete one 2D course and one 3D course. Course options are found below. |

Total Required Credits: 60

Track/Groups

Additional Art Foundation

| Additional Art Foundation | |
|--|---------------------------|
| ART 116: Life Drawing I OR | 2D Courses |
| ART 122: Drawing and Composition II OR | Additional Art Foundation |
| ART 131: Photography I OR | |
| ART 132: Photography II OR | |
| ART 165: Watercolor Painting I OR | |
| ART 167: Painting I OR | |
| ART 250: Introduction to Printmaking | |
| ART 151: Sculpture I OR | 3D Courses |
| ART 161: Ceramics I | |





Pathway Agreement


[Print](#)


Maricopa Community College District
Arts (BA in the Arts), BA Pathway
2020-2021


ASU Major: [Arts \(BA in the Arts\), BA | Herberger Institute for Design and the Arts](#)



Pathway Requirements



| | |
|--|--|
| First Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL | 3 hrs   |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL | 3 hrs   |



| | |
|---|---|
| Literacy and Critical Inquiry [L] Literacy and Critical Inquiry | 3 hrs  |
|---|---|



| | |
|---|--|
| Mathematical Studies [MA, CS] MAT 140: College Mathematics or MAT 141: College Mathematics or MAT 142: College Mathematics or MAT 145: College Mathematics with Review or MAT 146: College Mathematics with Review or Higher level course that meets MA requirement | 3-6 hrs  |
|---|--|

| | |
|---|--|
| Computer/Statistics/Quantitative Analysis | 3 hrs  |
|---|--|

| | |
|--|--|
| Humanities, Arts, and Design [HU] Humanities, Arts, and Design | 3 hrs  |
| Humanities, Arts, and Design | 3 hrs  |

| | |
|--|--|
| Social-Behavioral Science [SB] Social-Behavioral Science | 3 hrs  |
| Social-Behavioral Science | 3 hrs  |

| | | |
|---|--|---|
| Natural Science [SQ, SG] Natural Science [SQ, SG] | 4 hrs  | Select at least one [SQ] within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs  | |

| | |
|--|--|
| General Education Awareness Areas [C, H, G] Cultural Diversity in the U.S. [C] | 0-3 hrs  |
| Historical or Global Awareness [H] or [G] | 0-3 hrs  |

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate of Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Arts (BA in Arts)--Arts Administration or Entertainment Design degree program.

MCCCD Additional Requirements

COM 100: Introduction to Human Communication or
 COM 110: Interpersonal Communication or
 COM 225: Public Speaking or
 COM 230: Small Group Communication



CRE 101: College Critical Reading 0-3 hrs Complete CRE 101 or equivalent.

Additional Lower Division Requirements

| | | |
|--|----------|--|
| Accounting/Finance - 1 Course (3 credits) | 3 hrs | Select one course from the Track/Groups below. |
| Arts Administration or Entertainment Design - Pick 1 Focus Area | 3-6 hrs | Select one - two courses from the Track/Groups below. Some of the courses may be used to satisfy any remaining AGECE requirements. |
| Arts Discipline and Practice - 3 Courses (9 credits) | 0-9 hrs | Select 3 courses from the Track/Groups below. Some of the courses may be used to satisfy any remaining AGECE requirements. Only students pursuing the Arts Administration concentration need to complete this requirement. |
| Historical Studies with Asian/African/Native American/Latin American Focus | 3 hrs | Select one course from the Track/Groups below. Some of the courses may be used to satisfy any remaining AGECE requirements. |
| Related Historical and Theoretical Coursework - 1 Course (3 credits) | 0-3 hrs | Select one course from the Track/Groups below. Some of the courses may be used to satisfy any remaining AGECE requirements. |
| Lower Division Elective | 0-16 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60

Track/Groups

Accounting/Finance - 1 Course (3 credits)

Accounting/Finance/Economics/Statistics - 1 Course (3 credits)

ACC 110: UNDERSTANDING & USING ACCT SYSTEMS or
 ACC 111: Accounting Principles I or
 ACC 115: Computerized Accounting or
 ACC 211: Financial Accounting or
 ACC 212: Managerial Accounting or
 GBS 221: Business Statistics or
 ECN 211: Macroeconomic Principles or
 ECN 212: Microeconomic Principles or
 MAT 206: Elements of Statistics

Arts Administration or Entertainment Design - Pick 1 Focus Area

Arts Administration or Entertainment Design - Pick 1 Focus Area

ENTERTAINMENT DESIGN (1-2 courses; 3-6 credits): or

THF 115: Makeup for Stage and Screen or
 THF 210: Contemporary Cinema or
 THF 215: Advanced Makeup Techniques for Stage and Screen or
 THF 209: Acting for the Camera or
 THF 219: Advanced Acting for the Camera or
 THP 112: Acting I or
 THP 201AA: Theatre Production I or
 THP 201AB: Theatre Production II or
 THP 203: Technical Theatre Production or
 THP 213: Intro to Technical Theatre or
 THP 216: Beginning Stage Lighting or
 THP 217: Introduction to Design Scenography or
 THP 226: Theatrical Design: Costuming or
 THP 262: Entertainment Industry Design Drafting or
 THP 263: Entertainment Industry Design I: 2D CAD or
 ART 111: Drawing I or
 ART 106: Gallery Operations or
 ART 100: Intro to COMPUTER GRAPHIC ART or
 ART 131: Photography I or
 ART 161: Ceramics I or
 ART 184: Computer Animation or
 ART 185: 3-D Modeling for Animation or
 ART 200: Animation and Interactivity or
 ART 202: Digital Arts Survey or
 ART 203: Aesthetics of Web Design or
 DAH 100: Introduction to Dance or
 HUM 210: Contemporary Cinema or
 VPT 106: Digital Video Effects or

Arts Administration or Entertainment Design - Pick 1 Focus Area

MUC 109: MUSIC BUSINESS: MERCHANDISING and LAW or
 MUC 110: MUSIC BUSINESS:RECORDING and MASS MEDIA or
 MUC 111: Digital Audio Workstation I (DAW I) or
 MUC 112: Digital Audio Workstation II (DAW II) or
 MUC 114: Song Publishing and Marketing or
 MUC 115: Song Copyrighting and Demos or
 MUC 122: Sound Design I or
 MUC 130: Music Electronic Components or
 MUC 145: Recording Studio Business Operations or
 MUC 180: Computer Literacy for the Music Business or
 MUC 195: Studio Music Recording I or
 MUC 196: Studio Music Recording II or
 MUC 197: Live Sound Reinforcement I or
 MUC 198: Live Sound Reinforcement II or
 MUC 209: Music Industry Entrepreneurship or
 MUC 222: Sound Design II or
 MUC 237: Electronic Dance Music Production or
 MUC 292: Sound Design III or
 CSC 120: Digital Design Fundamentals

ARTS ADMINISTRATION (1-2 courses; 3-6 credits): any transferable courses with the following course prefixes: ACC, ECN, EPS, FIN, GBS, LDR, MGT, MKT, SBS, or
 ART 105: Art Beyond the Classroom or
 ART 106: Gallery Operations or
 ART 190: Art of Web Site Design or
 ART 203: Aesthetics of Web Design or
 ART 210: Design Tools for Imagery, Production, and Publishing or
 ART 215: Advanced Electronic Publishing or
 ART 255: Art Marketing or
 ART 255AA: Self Promotion or
 CIS 133DA: Internet/Web Development Level I

Arts Discipline and Practice - 3 Courses (9 credits)

Arts Discipline and Practice - 3 Courses (9 credits)

Any transferable course from a visual/ performing arts field as an elective with one of the following prefixes: ARC, ARH, ART, CAD, DAH, DAN, DFT, INT, MHL, MTC, MUC, MUE, MUP, TEC, THE, THF, THP, VPT or
 HUM 205: Introduction to Cinema or
 HUM 206: Introduction to Television Arts or
 HUM 210: Contemporary Cinema or
 STO 284: Storytelling and Music or
 STO 285: Creating/Performing Solo/Collaborative Works

Historical Studies with Asian/African/Native American/Latin American Focus

Historical Studies with Asian/African/Native American/Latin American Focus

ARH 118: Introduction to Chinese Art or
 ARH 145: History of American Indian Art or
 ARH 201: Art of Asia or
 ARH 216: Pre-Columbian Art History or
 ARH 217: Mexican Art History or
 DAH 201: World Dance Studies or
 MHL 143: Music in World Cultures

Related Historical and Theoretical Coursework - 1 Course (3 credits)

Related Historical and Theoretical Coursework - 1 Course (3 credits)

ARH 100: Introduction To Art or
 ARH 101: Prehistoric Through Gothic Art or
 ARH 102: Renaissance Through Contemporary Art or
 DAH 201: World Dance Studies or
 MHL 143: Music In World Cultures or
 MTC 105: Music Theory I and
 MTC 106: Aural Perception I or
 MTC 155: Music Theory II and
 MTC 156: Aural Perception II or
 MTC 205: Music Theory III and
 MTC 206: Aural Perception III or
 MTC 255: Music Theory IV and
 MTC 256: Aural Perception IV

Pathway Agreement



Print



Maricopa Community College District
Asia Studies (East Asia), BA Pathway
2020-2021

ASU Major: [Asia Studies \(East Asia\), BA | College of Liberal Arts and Sciences](#)


Pathway Requirements

First Year Composition [FYC]


ENG 101: First-Year Composition or
 ENG 107: First-Year Composition for ESL   3 hrs


ENG 102: First-Year Composition or
 ENG 108: First-Year Composition for ESL   3 hrs

Literacy and Critical Inquiry [L]


Literacy and Critical Inquiry  3 hrs

Mathematical Studies [MA, CS]

MAT 140: College Mathematics or
 MAT 141: College Mathematics or
 MAT 142: College Mathematics or
 MAT 145: College Mathematics with Review
 or
 MAT 146: College Mathematics with Review  3-6 hrs


Computer/Statistics/Quantitative Applications
 [CS]  3 hrs


Humanities, Arts, and Design [HU]

Humanities, Arts, and Design [HU]  3 hrs Select HU courses that concurrently satisfy Outside East Asia, East Asia, or Across Asia concentration courses. A maximum of two courses may be selected from the Across Asia concentration. Class options are (ARH 201, HIS 113, HIS 114, REL 202, PHI 245)


Humanities, Arts, and Design  3 hrs


Social-Behavioral Science [SB]

Social-Behavioral Science [SB]  3 hrs Select SB courses that concurrently satisfy Outside East Asia, East Asia, or Across Asia concentration courses. A maximum of two courses may be selected from the Across Asia concentration.

Social-Behavioral Science [SB]  3 hrs Select an SB course that also satisfies an East Asia concentration requirement. Class options are (HIS 113, HIS 114, and HIS 273)

Natural Science [SQ, SG]

Natural Science [SQ, SG]  4 hrs Select at least one SQ within the Natural Science requirement.

Natural Science [SQ, SG]  4 hrs




General Education Awareness Areas [C, H, G]

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Asia Studies (East Asia) B.A. degree program.

| | | | |
|--|----------|---|--|
| Cultural Diversity in the U.S. [C] | 0-3 hrs |  | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs |  | ARH 201, HIS 113 and HIS 114 will satisfy Historical [H] and Global [G] Awareness requirement. |
| MCCCD Additional Requirements | | | |
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs |  | |
| CRE 101: College Critical Reading | 0-3 hrs | | Complete CRE 101 or equivalent. |
| Additional Lower Division Requirements | | | |
| Lower Division Second Language: Requirement satisfied through the following: Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 0-20 hrs | | Chinese, Japanese or Korean is required for this degree. |
| Concentration Courses | 0-9 hrs | | Select three courses from any of the 3 concentrations (East Asia, Across Asia, Outside East Asia). A maximum of 2 courses may be selected from the Across Asia concentration. Courses may be used to simultaneously fulfill any outstanding AGEC requirements. Concentration Title is located in each track's notes section. |
| Lower Division Elective | 0-25 hrs | | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. HST 111 will need to be taken after transfer to ASU. |

Total Required Credits: 60

Track/Groups

Concentration Courses

| Concentration Courses | |
|--|---|
| ARH 201: Art of Asia OR | Across Asia Concentration |
| HIS 113: History of Eastern Civilization OR | Concentration Courses |
| HIS 114: History of Eastern Civilization OR | |
| REL 202: Classics of Asian Religions OR | Concentration Courses |
| PHI 245: INTRODUCTION TO EASTERN PHILOSOPHY OR | |
| ARH 118: Introduction to Chinese Art OR | |
| HIS 240: HIST ISLAM CIV: 6TH CENT-1800 | |
| HIS 273: US Experience in Vietnam 1945 - 1975 | Outside East Asia Concentration |
| HIS 271: HISTORY OF the FAR EAST TO 19 OR | East Asia Concentration: Students can take all three after transfer |
| HIS 272: HISTORY OF the FAR EAST 1900 OR | |
| ARH 118: Introduction to Chinese Art | |

Pathway Agreement



Print



Maricopa Community College District Asian Languages (Chinese), BA Pathway 2020-2021

ASU Major: [Asian Languages \(Chinese\), BA](#) | College of Liberal Arts and Sciences


Pathway Requirements

First Year Composition [FYC]


ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL   3 hrs


ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL   3 hrs

Literacy and Critical Inquiry [L]


Literacy and Critical Inquiry [L]  3 hrs

Mathematical Studies [MA, CS]

MAT 140: College Mathematics or
MAT 141: College Mathematics or
MAT 142: College Mathematics or
MAT 145: College Mathematics with Review
or
MAT 146: College Mathematics with Review  3-6 hrs


Computer/Statistics/Quantitative Applications
[CS]  3 hrs


Humanities, Arts, and Design [HU]

ENG 213: Introduction to the Study of or
SLC 201: Introduction to Linguistics  3 hrs SLC 201 or ENG 213 may be used to satisfy
Social and Behavioral Science [SB] requirement
instead.


Humanities, Arts, and Design [HU]  3 hrs


Social-Behavioral Science [SB]

Social-Behavioral Science [SB]  3 hrs


Social-Behavioral Science [SB]  3 hrs


Natural Science [SQ, SG]

Natural Science [SQ, SG]  4 hrs Select at least one SQ within the Natural
Science requirement.

Natural Science [SQ, SG]  4 hrs

General Education Awareness Areas [C, H, G]

Cultural Diversity in the U.S. [C]  0-3 hrs

Historical or Global Awareness [H] or [G]  0-3 hrs Global Awareness [G] may be satisfied by CHI
201 or CHI 202.






Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Completion of MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Asian Languages - Chinese B.A degree program. 2.33 GPA required in CHI 101, CHI 102, CHI 201, CHI 202.

MCCC Additional Requirements

| | | |
|---|--|--|
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs  | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |
| Additional Lower Division Requirements | | |
| CHI 101: ELEMENTARY CHINESE (MANDARIN) | 0-5 hrs  | Demonstrated proficiency in Chinese language at or above the 202 level is required for enrollment in upper division major requirements courses. |
| CHI 102: ELEMENTARY CHINESE (MANDARIN) | 0-5 hrs  | |
| CHI 201: Intermediate Chinese I | 0-5 hrs  | |
| CHI 202: Intermediate Chinese II | 5 hrs  | Demonstrated proficiency in Chinese language at or above the 202 level is required for enrollment in upper division major requirements courses. |
| Lower Division Elective | 0-20 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60

Pathway Agreement



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Maricopa Community College District Asian Languages (Japanese), BA Pathway 2020-2021

ASU Major: [Asian Languages \(Japanese\), BA | College of Liberal Arts and Sciences](#)


Pathway Requirements

First Year Composition [FYC]


ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL   3 hrs


ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL   3 hrs

Literacy and Critical Inquiry [L]


CPD 160: Introduction to Multiculturalism  3 hrs Required for AA, Emphasis in Japanese. Also Meets Cultural Diversity in the U.S [C].

Mathematical Studies [MA, CS]

MAT 140: College Mathematics or
MAT 141: College Mathematics or
MAT 142: College Mathematics or
MAT 145: College Mathematics with Review
or
MAT 146: College Mathematics with Review  3-6 hrs


Computer/Statistics/Quantitative Applications
[CS]  3 hrs


Humanities, Arts, and Design [HU]

ENG 213: Introduction to the Study of or
SLC 201: Introduction to Linguistics  3 hrs Three credit hours of Humanities and Fine Arts or Social and Behavioral Sciences may be satisfied by Maricopa ENG 213 or SLC 201. SLC 201 is preferred.


Humanities, Arts, and Design  3 hrs


Social-Behavioral Science [SB]

Social-Behavioral Science [SB]  3 hrs ENG 213 or SLC 201 may be used to satisfy 3 credits of the [SB] AGEC requirement instead of [HU].


Social-Behavioral Science  3 hrs


Natural Science [SQ, SG]

Natural Science  4 hrs Select at least one SQ within the Natural Science requirement.

Natural Science  4 hrs

General Education Awareness Areas [C, H, G]

Cultural Diversity in the U.S. [C]  0-3 hrs Met by CPD 160






Historical or Global Awareness [H] or [G]  0-3 hrs Global Awareness [G] satisfied by JPN 101, JPN 102, JPN 201 and JPN 202

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

The recommended MCCCDC associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Emphasis in Japanese and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Asian Studies (Japanese) BA degree program. 2.33 GPA required in all tracked courses for the major: JPN 101, JPN 102, JPN 201, JPN 202.

| | | |
|---|--|--|
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs  | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |
| Additional Lower Division Requirements | | |
| JPN 101: Elementary Japanese I | 0-5 hrs  | Demonstrated proficiency in Japanese language at or above the 202 level is required for enrollment in upper division major requirements courses. |
| JPN 102: Elementary Japanese II | 0-5 hrs  | |
| JPN 201: Intermediate Japanese I | 0-5 hrs  | |
| JPN 202: Intermediate Japanese II | 0-5 hrs  | |
| Lower Division Elective | 0-25 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60

Pathway Agreement

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Maricopa Community College District Biochemistry, BA Pathway 2020-2021

ASU Major: [Biochemistry, BA](#) | College of Liberal Arts and Sciences

Pathway Requirements

First Year Composition [FYC]

ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL



ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL



Literacy and Critical Inquiry [L]

Literacy and Critical Inquiry [L]



Mathematical Studies [MA, CS]

MAT 220: Calculus with Analytic Geometry I
or
MAT 221: Calculus with Analytic Geometry I



Computer/Statistics/Quantitative Applications



Humanities, Arts, and Design [HU]

Humanities, Arts, and Design [HU]



Humanities, Arts, and Design [HU]



Social-Behavioral Science [SB]

Social-Behavioral Science [SB]



Social-Behavioral Science [SB]



Natural Science [SQ, SG]

CHM 150: General Chemistry I and
CHM 151LL: General Chemistry I Laboratory
OR



CHM 151: General Chemistry I and
CHM 151LL: General Chemistry I Laboratory
OR

CHM 150AA: General Chemistry I OR

CHM 151AA: General Chemistry I

CHM 152: General Chemistry II and
CHM 152LL: General Chemistry II
Laboratory OR



CHM 152AA: General Chemistry II



General Education Awareness Areas [C, H, G]

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements






Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Biochemistry B.A. degree program.

| | |
|---|--|
| Cultural Diversity in the U.S. [C] | 0-3 hrs  |
| Historical or Global Awareness [H] or [G] | 0-3 hrs  |

MCCCD Additional Requirements

| | | |
|---|--|--|
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs  | COM 225 may be used to satisfy Literacy and Critical Inquiry [L]. COM 100 or COM 110 or COM 230 may be used to satisfy 3 credits of Social-Behavioral Sciences [SB]. |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|--|--|--|
| BIO 181: General Biology (Majors) I | 4 hrs  | |
| BIO 182: General Biology (Majors) II | 4 hrs  | |
| CHM 235: General Organic Chemistry I and CHM 235LL: General Organic Chemistry I L | 4 hrs  | |
| CHM 236: General Organic Chemistry IIA and CHM 236LL: General Organic Chemistry IIA | 4 hrs  | |
| PHY 101: Introduction to Physics OR PHY 111: General Physics I or PHY 111AA: General Physics I and PHY 112: General Physics II | 4-8 hrs  | Students considering Graduate school or health professions should complete the PHY 111 and PHY 112 sequence. All other students may complete PHY 101. |
| Lower Division Second Language: Requirement satisfied through the following: Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 0-16 hrs | |
| Lower Division Elective | 0-4 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60

Pathway Agreement

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Maricopa Community College District Biochemistry, BS Pathway 2020-2021

ASU Major: [Biochemistry, BS](#) | College of Liberal Arts and Sciences

Pathway Requirements

First-Year Composition [FYC]

ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL



ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL



Literacy and Critical Inquiry [L]

Literacy and Critical Inquiry [L]

0-3 hrs



Recommend selecting a course that satisfies
Literacy & Critical Inquiry, Social-Behavioral
Sciences, Humanities & Fine Arts, COM, or CRE
101 requirements simultaneously.

Mathematical Studies [MA]

MAT 220: Calculus with Analytic Geometry I
or
MAT 221: Calculus with Analytic Geometry I



Humanities, Arts, and Design [HU]

Humanities, Arts, and Design

3 hrs



Humanities, Arts, and Design

3 hrs



Social-Behavioral Science [SB]

Social-Behavioral Science

3 hrs



Social-Behavioral Science

3 hrs



Natural Science [SQ, SG]

BIO 181: General Biology (Majors) I

4 hrs



BIO 182: General Biology (Majors) II

4 hrs



Subject Options

CHM 150: General Chemistry I and
CHM 151LL: General Chemistry I Laboratory
or
CHM 151: General Chemistry I and
CHM 151LL: General Chemistry I Laboratory
or
CHM 151AA: General Chemistry I



CHM 152: General Chemistry II and
CHM 152LL: General Chemistry II
Laboratory OR



CHM 152AA: General Chemistry II

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Science, Emphasis in Biochemistry and AGEC-S. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Biochemistry, BS degree program.

General Education Awareness Areas [C, H, G]
Cultural Diversity in the U.S. [C]

0-3 hrs


Historical or Global Awareness [H] or [G]

0-3 hrs


MCCCD Additional Requirements

COM 100: Introduction to Human
Communication or
COM 110: Interpersonal Communication or
COM 225: Public Speaking or
COM 230: Small Group Communication

0-3 hrs


CRE 101: College Critical Reading

0-3 hrs

Complete CRE 101 or equivalent.

Additional Lower Division Requirements

CHM 235: General Organic Chemistry I and
CHM 235LL: General Organic Chemistry I L

4 hrs


CHM 236: General Organic Chemistry IIA
and
CHM 236LL: General Organic Chemistry IIA

4 hrs


MAT 230: Calculus with Analytic Geometry II
or
MAT 231: Calculus with Analytic Geometry II

4-5 hrs


PHY 111: General Physics I

4 hrs


PHY 112: General Physics II

4 hrs


Computer/Statistics/Quantitative Applications

0-3 hrs

Lower Division Elective

0-2 hrs

Lower Division Electives should be completed
once all other requirements have been met and
only if needed to complete community college's
associate degree requirements.

Total Required Credits: 60

Pathway Agreement

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Maricopa Community College District
Biochemistry (Medicinal Chemistry), BS Pathway
2020-2021

ASU Major: [Biochemistry \(Medicinal Chemistry\), BS](#) | College of Liberal Arts and Sciences

Pathway Requirements

First-Year Composition [FYC]

ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL



3 hrs

ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL



3 hrs

Literacy and Critical Inquiry [L]

Literacy and Critical Inquiry [L]

0-3 hrs



Recommend selecting a course that satisfies
Literacy & Critical Inquiry, Social-Behavioral
Sciences, Humanities & Fine Arts, COM, or CRE
101 requirements simultaneously.

Mathematical Studies [MA]

MAT 220: Calculus with Analytic Geometry I
or
MAT 221: Calculus with Analytic Geometry I



4-5 hrs

Humanities, Arts, and Design [HU]

Humanities, Arts, and Design

3 hrs



Humanities, Arts, and Design

3 hrs



Social-Behavioral Science [SB]

Social-Behavioral Science

3 hrs



Social-Behavioral Science

3 hrs



Natural Science [SQ, SG]

BIO 181: General Biology (Majors) I

4 hrs



BIO 182: General Biology (Majors) II

4 hrs







Subject Options



Pathway Notes


Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements






The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Science, Emphasis in Biochemistry and AGEC-S. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Biochemistry (Medicinal Chemistry) B.S. degree program.

| | |
|---|--|
| CHM 150: General Chemistry I and CHM 151LL: General Chemistry I Laboratory OR CHM 150AA: General Chemistry I OR CHM 151: General Chemistry I and CHM 151LL: General Chemistry I Laboratory OR CHM 151AA: General Chemistry I | 4-5 hrs   |
| CHM 152: General Chemistry II and CHM 152LL: General Chemistry II Laboratory OR CHM 152AA: General Chemistry II OR CHM 154: General Chemistry II with Qualitative Analysis and CHM 154LL: General Chemistry II with Qualitative Laboratory | 4 hrs   |

| | |
|---|--|
| General Education Awareness Areas [C, H, G] Cultural Diversity in the U.S. [C] | 0-3 hrs  |
| Historical or Global Awareness [H] or [G] | 0-3 hrs  |

| | |
|---|--|
| MCCCD Additional Requirements COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs  |
|---|--|

| | | |
|-----------------------------------|---------|---------------------------------|
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |
|-----------------------------------|---------|---------------------------------|

| | |
|--|--|
| Additional Lower Division Requirements CHM 235: General Organic Chemistry I and CHM 235LL: General Organic Chemistry I L | 4 hrs  |
| CHM 236: General Organic Chemistry IIA and CHM 236LL: General Organic Chemistry IIA | 4 hrs  |
| MAT 230: Calculus with Analytic Geometry II or MAT 231: Calculus with Analytic Geometry II | 4-5 hrs  |
| PHY 111: General Physics I | 4 hrs  |
| PHY 112: General Physics II | 4 hrs  |

| | | |
|-------------------------|---------|--|
| Lower Division Elective | 0-2 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |
|-------------------------|---------|--|

Total Required Credits: 60

Pathway Agreement



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Maricopa Community College District Biological Sciences, BS Pathway 2020-2021

ASU Major: [Biological Sciences, BS](#) | [College of Liberal Arts and Sciences](#)


Pathway Requirements

First Year Composition [FYC]



ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL   3 hrs

ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL   3 hrs


Literacy and Critical Inquiry [L]

Literacy and Critical Inquiry [L]  0-3 hrs

Mathematical Studies [MA, CS]


MAT 220: Calculus with Analytic Geometry I or
MAT 221: Calculus with Analytic Geometry I   4-5 hrs MAT 220 or MAT 221 recommend for students planning on graduate school/health professions.


Humanities, Arts, and Design [HU]

Humanities, Arts, and Design  3 hrs



Humanities, Arts, and Design  3 hrs



Social-Behavioral Science [SB]



Social-Behavioral Science  3 hrs



Social-Behavioral Science  3 hrs

Natural Science [SQ, SG]


BIO 181: General Biology (Majors) I   4 hrs


BIO 182: General Biology (Majors) II   4 hrs

CHM 150: General Chemistry I and
CHM 151LL: General Chemistry I Laboratory   4-5 hrs
or
CHM 151: General Chemistry I and
CHM 151LL: General Chemistry I Laboratory

CHM 152: General Chemistry II and
CHM 152LL: General Chemistry II
Laboratory or
CHM 152AA: General Chemistry II   4 hrs

General Education Awareness Areas [C, H, G]

Cultural Diversity in the U.S. [C]  0-3 hrs






Historical or Global Awareness [H] or [G]  0-3 hrs

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Biological Sciences BS degree program.

| | | |
|---|--|---|
| MCCCD Additional Requirements | | |
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs  | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |
| Additional Lower Division Requirements | | |
| BIO 220: Biology of Microorganisms or BIO 205: Microbiology | 4 hrs  | |
| MAT 206: Elements of Statistics or SWU 225: Statistics for Social Research/Justice and Government or PSY 230: Introduction to Statistics | 3 hrs  | Although not directly equivalent, these courses are accepted to meet STP231 at ASU. |
| CHM 230: Fundamental Organic Chemistry and CHM 230LL: Fundamental Organic Chemistry OR CHM 235: General Organic Chemistry I and CHM 235LL: General Organic Chemistry I L AND CHM 236: General Organic Chemistry IIA or CHM 236LL: General Organic Chemistry IIA Laboratory | 4-8 hrs  | Pre-health students should take two semester sequence of organic chemistry. Pre-health students should take CHM 235 and CHM 235 LL instead of CHM 230 and CHM 230LL. See pre-health website for more information: http://prehealth.asu.edu.explore/curriculum |
| PHY 111: General Physics I AND PHY 112: General Physics II | 4-8 hrs  | Pre-health students should take two semester sequence of physics. Pre-health students should take PHY 111 and PHY 112. See pre-health website for more information: http://prehealth.asu.edu.explore/curriculum |
| Lower Division Elective | 0-7 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60

Pathway Agreement



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Maricopa Community College District Biological Sciences (Biology and Society), BS Pathway 2020-2021

ASU Major: [Biological Sciences \(Biology and Society\), BS](#) | [College of Liberal Arts and Sciences](#)


Pathway Requirements

First Year Composition [FYC]



ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL   3 hrs

ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL   3 hrs

Literacy and Critical Inquiry [L]



Literacy and Critical Inquiry [L]  3 hrs

Mathematical Studies [MA, CS]

MAT 220: Calculus with Analytic Geometry I or
MAT 221: Calculus with Analytic Geometry I OR   3-5 hrs

MAT 220 or MAT 221 recommended for students planning on graduate school/health professions.

MAT 212: Brief Calculus or
MAT 213: Brief Calculus

MAT 206: Elements of Statistics or
SWU 225: Statistics for Social Research/Justice and Government or
PSY 230: Introduction to Statistics   3 hrs


Although not directly equivalent, these courses are accepted to meet STP 231 at ASU.


Humanities, Arts, and Design [HU]

Humanities, Arts, and Design  3 hrs



Humanities, Arts, and Design  3 hrs



Social-Behavioral Science [SB]

Social-Behavioral Science  3 hrs


Social-Behavioral Science  3 hrs


Natural Science [SQ, SG]

BIO 181: General Biology (Majors) I   4 hrs

BIO 182: General Biology (Majors) II   4 hrs

General Education Awareness Areas [C, H, G]

Cultural Diversity in the U.S. [C]  0-3 hrs

Historical or Global Awareness [H] or [G]  0-3 hrs

MCCCD Additional Requirements

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Biological Sciences (Biology and Society) B.S. degree program

COM 100: Introduction to Human Communication or
COM 110: Interpersonal Communication or
COM 225: Public Speaking or
COM 230: Small Group Communication

0-3 hrs



CRE 101: College Critical Reading 0-3 hrs Complete CRE 101 or equivalent.

Additional Lower Division Requirements

CHM 150: General Chemistry I and
CHM 151LL: General Chemistry I Laboratory
OR

4-5 hrs



CHM 151: General Chemistry I and
CHM 151LL: General Chemistry I Laboratory
OR

CHM 150AA: General Chemistry I or
CHM 151AA: General Chemistry I

CHM 152: General Chemistry II and
CHM 152LL: General Chemistry II
Laboratory OR

4-5 hrs



CHM 152AA: General Chemistry II

Lower Division Elective 0-17 hrs Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements.

Total Required Credits: 60

Pathway Agreement

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Maricopa Community College District Biological Sciences (Biomedical Sciences), BS Pathway 2020-2021

ASU Major: [Biological Sciences \(Biomedical Sciences\), BS | College of Liberal Arts and Sciences](#)

Pathway Requirements

First Year Composition [FYC]

ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL



3 hrs

ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL



3 hrs

Literacy and Critical Inquiry [L]

Literacy and Critical Inquiry [L]



3 hrs

Mathematical Studies [MA, CS]

MAT 220: Calculus with Analytic Geometry I or
MAT 221: Calculus with Analytic Geometry I OR



3-5 hrs

MAT 220 or MAT 221 recommended for students planning on graduate school/health professions.

MAT 212: Brief Calculus or
MAT 213: Brief Calculus

MAT 206: Elements of Statistics or
SWU 225: Statistics for Social Research/Justice and Government or
PSY 230: Introduction to Statistics



3 hrs

Although not directly equivalent, these courses are accepted to meet STP 231 at ASU.

Humanities, Arts, and Design [HU]

Humanities, Arts, and Design [HU]



3 hrs

Students are encouraged to choose courses from more than one discipline for a total of six credit hours.

Humanities, Arts, and Design [HU]



3 hrs

Social-Behavioral Science [SB]

Social-Behavioral Science [SB]



3 hrs

Students are encouraged to choose courses from more than one discipline for a total of six credit hours.

Social-Behavioral Science [SB]



3 hrs

Natural Science [SQ, SG]

BIO 181: General Biology (Majors) I



4 hrs

BIO 182: General Biology (Majors) II



4 hrs

General Education Awareness Areas [C, H, G]

Cultural Diversity in the U.S. [C]



0-3 hrs

Historical or Global Awareness [H] or [G]



0-3 hrs








MCCCD Additional Requirements

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Biological Sciences (Biomedical Sciences) B.S. degree program.

| | | |
|---|--|---|
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs  | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |
| Additional Lower Division Requirements | | |
| ASB 100: Introduction to Global Health | 3 hrs | Satisfies lower division Science and Society requirement, one Social-Behavioral Science, and Global Awareness for Bachelor of Science degrees in The College of Liberal Arts and Sciences |
| CHM 150: General Chemistry I and CHM 151LL: General Chemistry I Laboratory OR CHM 151: General Chemistry I and CHM 151LL: General Chemistry I Laboratory OR CHM 150AA: General Chemistry I OR CHM 151AA: General Chemistry I | 4-5 hrs   | |
| CHM 152: General Chemistry II and CHM 152LL: General Chemistry II Laboratory OR CHM 152AA: General Chemistry II OR CHM 154: General Chemistry II with Qua and CHM 154LL: General Chemistry II with Qua | 4-5 hrs   | |
| CHM 230: Fundamental Organic Chemistry and CHM 230LL: Fundamental Organic Chemistry Lab | 4 hrs  | Pre-health students should take CHM 235 and CHM 235LL instead of CHM 230 and CHM 230LL. See pre-health website for more information: https://prehealth.asu.edu/ . |
| PHY 101: Introduction to Physics or PHY 111: General Physics I | 4-5 hrs  | Pre-health students should take PHY 111 and PHY 112 instead of PHY 101. See pre-health website for more information: https://prehealth.asu.edu/ . |
| Lower Division Elective | 0-6 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. Pre-health students should take CHM 234 and CHM 238 as electives before transfer. See pre-health website for more information: https://prehealth.asu.edu/ . |

Total Required Credits: 60

Pathway Agreement

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Maricopa Community College District
Biological Sciences (Conservation Biology and Ecology), BS Pathway
2020-2021

ASU Major: [Biological Sciences \(Conservation Biology and Ecology\), BS | College of Liberal Arts and Sciences](#)

Pathway Requirements

| | |
|---|---------|
| First Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL | 3 hrs |
| Literacy and Critical Inquiry [L] Literacy and Critical Inquiry [L] | 3 hrs |
| Mathematical Studies [MA, CS] MAT 220: Calculus with Analytic Geometry I or MAT 221: Calculus with Analytic Geometry I OR MAT 212: Brief Calculus or MAT 213: Brief Calculus | 3-5 hrs |
| MAT 206: Elements of Statistics or PSY 230: Introduction to Statistics or SWU 225: Statistics for Social Research/Justice and Government | 3 hrs |
| Humanities, Arts, and Design [HU] Humanities, Arts, and Design | 3 hrs |
| Humanities, Arts, and Design | 3 hrs |
| Social-Behavioral Science [SB] Social-Behavioral Science | 3 hrs |
| Social-Behavioral Science | 3 hrs |
| Natural Science [SQ, SG] BIO 181: General Biology (Majors) I | 4 hrs |
| BIO 182: General Biology (Majors) II | 4 hrs |
| General Education Awareness Areas [C, H, G] Cultural Diversity in the U.S. [C] | 0-3 hrs |
| Historical or Global Awareness [H] or [G] | 0-3 hrs |

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Biological Sciences (Conservation Biology & Ecology) B.S. degree program.

MCCCD Additional Requirements

COM 100: Introduction to Human Communication or
COM 110: Interpersonal Communication or
COM 225: Public Speaking or
COM 230: Small Group Communication

0-3 hrs


CRE 101: College Critical Reading 0-3 hrs Complete CRE 101 or equivalent.

Additional Lower Division Requirements

CHM 150: General Chemistry I and
CHM 151LL: General Chemistry I Laboratory
OR

4-5 hrs
 

CHM 151: General Chemistry I or
CHM 151LL: General Chemistry I Laboratory

CHM 152: General Chemistry II and
CHM 152LL: General Chemistry II
Laboratory OR

4-5 hrs
 

CHM 152AA: General Chemistry II

CHM 230: Fundamental Organic Chemistry and
CHM 230LL: Fundamental Organic Chemistry OR

3-4 hrs


Pre-health students should take PHY 111 and PHY 113 or CHM 235 and CHM 235 LL instead of CHM 230 and CHM 230LL to satisfy the Physical Science Requirement Course. See pre-health website for more information: <https://prehealth.asu.edu/>.

GIS 205: Geographic Information Technologies OR

GIS 211: Geographic Information Science I OR

GLG 101: Introduction to Geology I and
GLG 103: Introduction to Geology I Lab OR

GPH 111: Introduction to Physical Geography and
GPH 112: Introduction to Physical Geography Lab or
GPH 113: Introduction to Physical Geography OR

PHY 101: Introduction to Physics or
PHY 111: General Physics I

Lower Division Elective 0-14 hrs Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements.

Total Required Credits: 60

Pathway Agreement

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Maricopa Community College District



Biological Sciences (Genetics, Cell and Developmental Biology), BS Pathway



2020-2021

ASU Major: [Biological Sciences \(Genetics, Cell and Developmental Biology\), BS](#) | College of Liberal Arts and Sciences


Pathway Requirements

First Year Composition [FYC]



ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL   3 hrs

ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL   3 hrs



Literacy and Critical Inquiry [L]

Literacy and Critical Inquiry [L]  3 hrs

Mathematical Studies [MA, CS]

MAT 220: Calculus with Analytic Geometry I
or
MAT 221: Calculus with Analytic Geometry I
OR   3-5 hrs

MAT 212: Brief Calculus or
MAT 213: Brief Calculus

MAT 206: Elements of Statistics OR   3 hrs Although not directly equivalent, these courses are accepted to meet STP 231 at ASU.

SWU 225: Statistics for Social Research/Justice and Government OR


PSY 230: Introduction to Statistics


Humanities, Arts, and Design [HU]

Humanities, Arts, and Design  3 hrs



Humanities, Arts, and Design  3 hrs



Social-Behavioral Science [SB]

Social-Behavioral Science  3 hrs


Social-Behavioral Science  3 hrs


Natural Science [SQ, SG]

BIO 181: General Biology (Majors) I   4 hrs

BIO 182: General Biology (Majors) II   4 hrs

General Education Awareness Areas [C, H, G]

Cultural Diversity in the U.S. [C]  0-3 hrs

Historical or Global Awareness [H] or [G]  0-3 hrs

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Biological Sciences (Genetics, Cell and Developmental Biology) B.S. degree program.

MCCCD Additional Requirements

COM 100: Introduction to Human Communication OR

0-3 hrs



COM 110: Interpersonal Communication OR

COM 225: Public Speaking OR

COM 230: Small Group Communication

CRE 101: College Critical Reading

0-3 hrs

Complete CRE 101 or equivalent.

Additional Lower Division RequirementsCHM 150: General Chemistry I and
CHM 151LL: General Chemistry I Laboratory
OR

4-5 hrs



CHM 150AA: General Chemistry I OR

CHM 151: General Chemistry I and
CHM 151LL: General Chemistry I Laboratory
OR

CHM 151AA: General Chemistry I

CHM 152: General Chemistry II and
CHM 152LL: General Chemistry II
Laboratory OR

4 hrs

CHM 152AA: General Chemistry II

CHM 230: Fundamental Organic Chemistry and
CHM 230LL: Fundamental Organic Chemistry OR

4-8 hrs

Pre-health students should take two semesters of organic chemistry. Pre-health students should take CHM 235 and CHM 235 LL instead of CHM 230 and CHM 230LL. See pre-health website for more information: <https://prehealth.asu.edu/>.CHM 235: General Organic Chemistry I and
CHM 235LL: General Organic Chemistry I L and
CHM 236: General Organic Chemistry IIA and
CHM 236LL: General Organic Chemistry IIA

PHY 101: Introduction to Physics OR

4-8 hrs

Pre-health students should take two semesters of physics. Pre-health students should take PHY 111 & PHY 112. See pre-health website for more information: <https://prehealth.asu.edu/>.

PHY 111: General Physics I OR

PHY 112: General Physics

Lower Division Elective

0-9 hrs

Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements.

Total Required Credits: 60

Pathway Agreement

Print

Maricopa Community College District

Biological Sciences (Neurobiology, Physiology and Behavior), BS Pathway

2020-2021

ASU Major: [Biological Sciences \(Neurobiology, Physiology and Behavior\), BS | College of Liberal Arts and Sciences](#)

Pathway Requirements

First Year Composition [FYC]

ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL



3 hrs

ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL



3 hrs

Literacy and Critical Inquiry [L]

Literacy and Critical Inquiry [L]



3 hrs

Mathematical Studies [MA, CS]

MAT 220: Calculus with Analytic Geometry I or
MAT 221: Calculus with Analytic Geometry I OR



3-5 hrs

MAT 220 or MAT 221 recommended for students planning on graduate school/health professions.

MAT 212: Brief Calculus or
MAT 213: Brief Calculus

MAT 206: Elements of Statistics or
SWU 225: Statistics for Social Research/Justice and Government or
PSY 230: Introduction to Statistics



3 hrs

Although not directly equivalent, these courses are accepted to meet STP 231 at ASU.

Humanities, Arts, and Design [HU]

Humanities, Arts, and Design [HU]



3 hrs

Humanities, Arts, and Design [HU]



3 hrs

Social-Behavioral Science [SB]

Social-Behavioral Science [SB]



3 hrs

Social-Behavioral Science [SB]



3 hrs

Natural Science [SQ, SG]

BIO 181: General Biology (Majors) I



4 hrs

BIO 182: General Biology (Majors) II



4 hrs

General Education Awareness Areas [C, H, G]

Cultural Diversity in the U.S. [C]



0-3 hrs

Historical or Global Awareness [H] or [G]

0-3 hrs








MCCCD Additional Requirements

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Biological Sciences (Neurology, Physiology and Behavior) B.S. degree program.

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 230: Small Group Communication or COM 225: Public Speaking | 0-3 hrs  | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |
| Additional Lower Division Requirements | | |
| CHM 150: General Chemistry I or CHM 151LL: General Chemistry I Laboratory or CHM 150AA: General Chemistry I or CHM 151: General Chemistry I or CHM 151LL: General Chemistry I Laboratory or CHM 151AA: General Chemistry I | 4-5 hrs   | |
| CHM 152: General Chemistry II and CHM 152LL: General Chemistry II Laboratory OR CHM 152AA: General Chemistry II | 4 hrs   | |
| CHM 230: Fundamental Organic Chemistry and CHM 230LL: Fundamental Organic Chemistry OR CHM 235: General Organic Chemistry I and CHM 235LL: General Organic Chemistry I L and CHM 236: General Organic Chemistry IIA and CHM 236LL: General Organic Chemistry IIA | 4-8 hrs  | Pre-health students should take two semesters of organic chemistry. Pre-health students should take CHM 235 and CHM 235 LL instead of CHM 230 and CHM 230LL. See pre-health website for more information: https://prehealth.asu.edu/ |
| PHY 101: Introduction to Physics OR PHY 111: General Physics I OR PHY 112: General Physics | 4-8 hrs  | Pre-health students should take two semesters of general physics. Pre-health students should take PHY 111 and 112. See pre-health website for more information: https://prehealth.asu.edu/ |
| Lower Division Elective | 0-9 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60



Pathway Agreement



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Maricopa Community College District
Biology, BA Pathway
2020-2021


ASU Major: **Biology, BA | New College of Interdisciplinary Arts and Sciences**

Pathway Requirements

First Year Composition [FYC]
 ENG 101: First-Year Composition or
 ENG 107: First-Year Composition for ESL   3 hrs

ENG 102: First-Year Composition or
 ENG 108: First-Year Composition for ESL   3 hrs


Literacy and Critical Inquiry [L]
 Literacy and Critical Inquiry [L]  3 hrs


Mathematical Studies [MA, CS]
 MAT 187: Precalculus OR   5-8 hrs


MAT 150: College Algebra and
 MAT 182: Plane Trigonometry OR


MAT 151: College Algebra and
 MAT 182: Plane Trigonometry OR


MAT 152: College Algebra or
 MAT 182: Plane Trigonometry



GBS 221: Business Statistics or
 MAT 206: Elements of Statistics or
 SWU 225: Statistics for Social Research/Justice and Government  3 hrs Recommend taking MAT 206.



Humanities, Arts, and Design [HU]
 Humanities, Arts, and Design [HU]  3 hrs


Humanities, Arts, and Design [HU]  3 hrs


Social-Behavioral Science [SB]
 Social-Behavioral Science [SB]  3 hrs

Social-Behavioral Science [SB]  3 hrs

Natural Science [SQ, SG]
 BIO 181: General Biology (Majors) I   4 hrs

BIO 182: General Biology (Majors) II   4 hrs

General Education Awareness Areas [C, H, G]
 Cultural Diversity in the U.S. [C]  0-3 hrs

Historical or Global Awareness [H] or [G]  0-3 hrs

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Biology B.A. degree program.

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information: <https://transfer.asu.edu/credits>

MCCCD Additional Requirements

COM 100: Introduction to Human Communication or
 COM 110: Interpersonal Communication or
 COM 225: Public Speaking or
 COM 230: Small Group Communication

0-3 hrs


CRE 101: College Critical Reading

0-3 hrs

Complete CRE 101 or equivalent.

Additional Lower Division Requirements

CHM 150: General Chemistry I and
 CHM 151LL: General Chemistry I Laboratory
 or
 CHM 150AA: General Chemistry I or
 CHM 151: General Chemistry I and
 CHM 151LL: General Chemistry I Laboratory
 or
 CHM 151AA: General Chemistry I

4-5 hrs


CHM 152: General Chemistry II and
 CHM 152LL: General Chemistry II
 Laboratory or
 CHM 152AA: General Chemistry II or
 CHM 154: GENERAL CHEMISTRY II WITH
 QUA and
 CHM 154LL: GENERAL CHEMISTRY II
 WITH QU

4-5 hrs


CHM 230: Fundamental Organic Chemistry and
 CHM 230LL: Fundamental Organic Chemistry OR

4-8 hrs


8 credit sequence of CHM 235 and CHM 235LL and CHM 236 and CHM 236LL is recommended for pre-health students planning to apply to graduate school.

CHM 235: General Organic Chemistry I and
 CHM 236: General Organic Chemistry IIA and
 CHM 236LL: General Organic Chemistry IIA Laboratory and
 CHM 235LL: General Organic Chemistry I Laboratory

Physics Requirement

8 hrs

Choose and complete Set A or Set B: Set A: PHY101 (4) and GLG101(3) + GLG103(1) or Set B: PHY111 (4) and PHY112 (4).

Lower Division Elective

0-3 hrs

Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements.

Total Required Credits: 60

Pathway Agreement



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Maricopa Community College District
Biology, BS Pathway
2020-2021

ASU Major: **Biology, BS | New College of Interdisciplinary Arts and Sciences**


Pathway Requirements

First Year Composition [FYC]



ENG 101: First-Year Composition or
 ENG 107: First-Year Composition for ESL   3 hrs

ENG 102: First-Year Composition or
 ENG 108: First-Year Composition for ESL   3 hrs

Literacy and Critical Inquiry [L]



Literacy and Critical Inquiry [L]  3 hrs

Mathematical Studies [MA, CS]

MAT 212: Brief Calculus or
 MAT 213: Brief Calculus OR   3-4 hrs

MAT 220 or MAT 221 recommended for students planning on graduate school/health professions.

MAT 220: Calculus with Analytic Geometry I or
 MAT 221: Calculus with Analytic Geometry I


MAT 206: Elements of Statistics   3 hrs


Humanities, Arts, and Design [HU]

Humanities, Arts, and Design [HU]  3 hrs



Humanities, Arts, and Design [HU]  3 hrs



Social-Behavioral Science [SB]

Social-Behavioral Science [SB]  3 hrs


Social-Behavioral Science [SB]  3 hrs


Natural Science [SQ, SG]

BIO 181: General Biology (Majors) I   4 hrs

BIO 182: General Biology (Majors) II   4 hrs

General Education Awareness Areas [C, H, G]

Cultural Diversity in the U.S. [C]  0-3 hrs

Historical or Global Awareness [H] or [G]  0-3 hrs

MCCCD Additional Requirements








Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate of Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Biology B.S. degree program.

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information: <https://transfer.asu.edu/credits>

| | | |
|--|--|--|
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs  | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |
| Additional Lower Division Requirements | | |
| CHM 150: General Chemistry I and CHM 151LL: General Chemistry I Laboratory or CHM 151: General Chemistry I and CHM 151LL: General Chemistry I Laboratory or CHM 151AA: General Chemistry I | 4 hrs  | |
| CHM 152: General Chemistry II and CHM 152LL: General Chemistry II Laboratory or CHM 152AA: General Chemistry II | 4 hrs  | |
| CHM 235: General Organic Chemistry I and CHM 235LL: General Organic Chemistry I L | 4 hrs  | |
| CHM 236: General Organic Chemistry IIA and CHM 236LL: General Organic Chemistry IIA Laboratory | 0-5 hrs  | |
| PHY 111: General Physics I | 4 hrs  | |
| PHY 112: General Physics II | 4 hrs  | |
| Lower Division Elective | 0-5 hrs | Within these elective credits, the New College of Interdisciplinary Arts and Sciences' Languages and Cultures Requirement may be fulfilled by completing one of the following options before transferring to ASU: Non-English language course at the intermediate level (202 or equivalent), including American Sign Language IV OR two (2) semesters of a current computer language (CSC110 and [CSC200 or CSC205]). Alternatively, students can meet ASU's Languages and Cultures Requirement after transferring by completing an additional 6 credits of upper-division Global or Cultural courses once at ASU. |

Total Required Credits: 60
















Pathway Agreement

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Maricopa Community College District
Biology (Pharmacology/Toxicology), BS Pathway
2020-2021

ASU Major: **Biology (Pharmacology/Toxicology), BS | New College of Interdisciplinary Arts and Sciences**

Pathway Requirements

| | |
|---|--|
| First-Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL | 3 hrs   |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL | 3 hrs   |
| Literacy and Critical Inquiry [L] Literacy and Critical Inquiry [L] | 3 hrs  |
| Mathematical Studies [MA] MAT 220: Calculus with Analytic Geometry I or MAT 221: Calculus with Analytic Geometry I | 4-5 hrs   |
| Humanities, Arts, and Design [HU] Humanities, Arts, and Design [HU] | 3 hrs  |
| Humanities, Arts, and Design [HU] | 3 hrs  |
| Social-Behavioral Science [SB] Social-Behavioral Science [SB] | 3 hrs  |
| Social-Behavioral Science [SB] | 3 hrs  |
| Natural Science [SQ, SG] BIO 181: General Biology (Majors) I or BIO 181XT: General Biology (Majors) I | 4-5 hrs   |
| BIO 182: General Biology (Majors) II | 4 hrs   |

Subject Options



Pathway Notes



Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements


The recommended MCCCDC associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Science, Emphasis in Biological Sciences and AGEC-S. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Biology (Pharmacology and Toxicology) degree program.








ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information:
<https://transfer.asu.edu/credits>

| | |
|---|--|
| CHM 150: General Chemistry I and CHM 151LL: General Chemistry I Laboratory OR | 4-5 hrs  |
| CHM 150AA: General Chemistry I OR | |
| CHM 151: General Chemistry I and CHM 151LL: General Chemistry I Laboratory OR | |
| CHM 151AA: General Chemistry I | |
| CHM 152: General Chemistry II and CHM 152LL: General Chemistry II Laboratory OR | 4-5 hrs  |
| CHM 152AA: General Chemistry II OR | |
| CHM 154: General Chemistry II with Qualitative Analysis or CHM 154LL: General Che | |

| | |
|---|--|
| General Education Awareness Areas [C, H, G] Cultural Diversity in the U.S. [C] | 0-3 hrs  |
| Historical or Global Awareness [H] or [G] | 0-3 hrs  |

| | | |
|--|---------|---------------------------------|
| MCCCD Additional Requirements CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |
|--|---------|---------------------------------|

| | |
|--|---|
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs  |
|--|---|

| | |
|--|---|
| Additional Lower Division Requirements PHY 111: General Physics I or PHY 111AA: General Physics I | 4-5 hrs  |
| CHM 235: General Organic Chemistry I and CHM 235LL: General Organic Chemistry I La | 4 hrs  |
| CHM 236: General Organic Chemistry IIA or CHM 238: General Organic Chemistry IIB AND | 4-5 hrs  |
| CHM 236LL: General Organic Chemistry IIA Laboratory or CHM 238LL: GENERAL ORGANIC CHEMISTRY IIB LAB | |
| MAT 206: Elements of Statistics | 3 hrs   |
| BIO 201: Human Anatomy and Physiology I or BIO 201XT: Human Anatomy and Physiology I | 4 hrs  |
| BIO 202: Human Anatomy and Physiology II | 4 hrs  |

Total Required Credits: 64



Pathway Agreement

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Maricopa Community College District Biomedical Engineering, BSE Pathway 2020-2021

ASU Major: [Biomedical Engineering, BSE | Ira A. Fulton Schools of Engineering](#)

Pathway Requirements

| | | |
|---|--|---|
| Engineering Core | | |
| ENG 101: First-Year Composition OR | 3 hrs | |
| ENG 107: First-Year Composition for ESL |  | |
| ENG 102: First-Year Composition OR | 3 hrs | |
| ENG 108: First-Year Composition for ESL |  | |
| ECE 102: Engineering Analysis Tools an or ECE 102AA: Engineering Analysis Tools and Techniques AND | 4 hrs | ECE 102 and ECE 103 will satisfy ASU's BME 100. |
| ECE 103: Engineering Problem Solving and Design or ECE 103AB: Engineering Problem Solving and Design or ECE 103EP: Engineering Problem Solving and Design (with EPICS projects) |  | |
| MAT 220: Calculus with Analytic Geometry I or MAT 221: Calculus with Analytic Geometry I | 4-5 hrs |   |
| MAT 230: Calculus with Analytic Geometry II or MAT 231: Calculus with Analytic Geometry II | 4-5 hrs |  |
| MAT 240: Calculus with Analytic Geometry III or MAT 241: Calculus with Analytic Geometry III | 4-5 hrs |  |
| MAT 276: Modern Differential Equations or MAT 277: Modern Differential Equations | 3-4 hrs | |
| PHY 115: University Physics I or PHY 121: UNIVERSITY PHYSICS I: MECHANICS | 4-5 hrs |   |
| PHY 116: University Physics II or PHY 131: University Physics II: Electricity and Magnetism | 4-5 hrs |   |
| CHM 150: General Chemistry I and CHM 151LL: General Chemistry I Laboratory OR | 4-5 hrs |   |
| CHM 150AA: General Chemistry I OR | | |
| CHM 151: General Chemistry I or CHM 151LL: General Chemistry I Laboratory OR | | |
| CHM 151AA: General Chemistry I | | |
| CHM 152: General Chemistry II and CHM 152LL: General Chemistry II Laboratory OR | 4 hrs |   |
| CHM 152AA: General Chemistry II | | |
| Humanities, Arts, and Design and AGEC Awareness Areas | 3 hrs | Take one course that satisfies Humanities and Fine Arts AND an Awareness Area requirement. |
| Social-Behavioral Science and AGEC Awareness Areas | 3 hrs | Take one course that satisfies Social-Behavioral Science AND an Awareness Area requirement. |

Pathway Notes

There are no notes for this pathway

Special Requirements





Completion of the Maricopa to ASU Engineering Pathway and all special requirements meets ASU major map requirements and guarantees admission to the Biomedical Engineering BSE degree program.

Note: Engineering Core Courses should be completed prior to enrolling in any additional lower division requirement courses. While requirements listed will meet ASU degree requirements, only 64 credit hours are transferable to ASU.

Special Requirements: 3.0 transfer GPA as calculated by ASU for admissions. All courses must be completed with a grade of "C" or better.

Students interested in completing the BSE Biomedical Engineering degree with two additional years at ASU, are highly encouraged to meet with an academic advisor in SBHSE one year prior to transferring to ASU. Due to the highly prescribed nature of the BME coursework, there are several factors that may affect your graduation timeline and should be discussed individually.

Additional Lower Division Requirements

| | | | |
|---|---------|--|--|
| BIO 181: General Biology (Majors) I or BIO 181XT: General Biology (Majors) I | 4-5 hrs |  | |
| BIO 201: Human Anatomy and Physiology I and BIO 202: Human Anatomy and Physiology II | | 0-8 hrs  | May be completed after transfer to ASU. Meets BME235 at ASU. |
| CSC 110: Introduction to Computer Science (Java) or CSC 110AA: Introduction to Computer Science (Java) or CSC 110AB: Intro to Computer Science (JAVA) | 3-4 hrs | | |
| ECE 105: MATLAB Programming | 1 hrs | | |
| ECN 211: Macroeconomic Principles or ECN 212: Microeconomic Principles | | 0-3 hrs   | May be completed after transfer to ASU. |
| EEE 202: Circuits and Devices | 5 hrs | | |
| ECE 104: EPICS Gold I | | 0-2 hrs | EPICS is Engineering Projects in Community Service. Students who complete ECE 104 may continue the EPICS sequence at ASU. Consult with Engineering faculty and/or STEM advisors to learn more about EPICS. |

Total Required Credits: 60





Pathway Agreement


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Maricopa Community College District
Biophysics, BS Pathway
2020-2021



ASU Major: **Biophysics, BS** | College of Liberal Arts and Sciences



Pathway Requirements





| | |
|--|---|
| First-Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL |   3 hrs |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL |   3 hrs |



| | | |
|---|---|--|
| Literacy and Critical Inquiry [L] Literacy and Critical Inquiry [L] | 0-3 hrs  | Recommend selecting a course that satisfies Literacy & Critical Inquiry, Social-Behavioral Sciences, Humanities & Fine Arts, COM, or CRE 101 requirements simultaneously. |
|---|---|--|

| | |
|--|---|
| Mathematical Studies [MA] MAT 220: Calculus with Analytic Geometry I or MAT 221: Calculus with Analytic Geometry I |   4-5 hrs |
|--|---|

| | |
|---|---|
| Humanities, Arts, and Design [HU] Humanities, Arts, and Design [HU] |  3 hrs |
| Humanities, Arts, and Design [HU] |  3 hrs |

| | |
|---|---|
| Social-Behavioral Science [SB] Social-Behavioral Science [SB] |  3 hrs |
| Social-Behavioral Science [SB] |  3 hrs |

| | |
|--|---|
| Natural Science [SQ, SG] BIO 181: General Biology (Majors) I |   4 hrs |
| BIO 182: General Biology (Majors) II |   4 hrs |

| | |
|---|---|
| Subject Options PHY 121: UNIVERSITY PHYSICS I: MECHANICS or PHY 115: University Physics I |  4-5 hrs |
| PHY 131: University Physics II: Electricity and Magnetism or PHY 116: University Physics II |  4-5 hrs |

General Education Awareness Areas [C, H, G]



Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.


Special Requirements

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Science, Emphasis in Physics degree and AGEC-S. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Biophysics BS degree program.








A GPA of 2.5 is required in tracked courses MAT 220 (or MAT 221), MAT 231, MAT241, PHY 121 (or PHY 115) and PHY 131 (or PHY 116).

| | | |
|---|---------|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs |  |
| Historical or Global Awareness [H] or [G] | 0-3 hrs |  |

MCCCD Additional Requirements

| | | | |
|---|---------|---|---|
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs |  | COM 225 also meets Literacy and Critical Inquiry [L]. COM 100, COM 110 and COM 230 also meet Social-Behavioral Science [SB]. |
| CRE 101: College Critical Reading | 0-3 hrs | | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | | |
|--|---------|---|--|
| CHM 150: General Chemistry I and CHM 151LL: General Chemistry I Laboratory OR CHM 151: General Chemistry I and CHM 151LL: General Chemistry I Laboratory OR CHM 151AA: General Chemistry I | 4-5 hrs |   | |
| CHM 152: General Chemistry II and CHM 152LL: General Chemistry II Laboratory OR CHM 152AA: General Chemistry II | 4 hrs |   | |
| MAT 230: Calculus with Analytic Geometry II or MAT 231: Calculus with Analytic Geometry II | 4-5 hrs |  | |
| MAT 240: Calculus with Analytic Geometry III or MAT 241: Calculus with Analytic Geometry III | 4-5 hrs |  | |
| MAT 276: Modern Differential Equations or MAT 277: Modern Differential Equations AND MAT 225: Elementary Linear Algebra | 0-7 hrs |  | (MAT 276 or MAT 277) and (MAT 225) will satisfy ASU PHY 201 requirement for Biophysics majors. May be taken after transferring to ASU. |
| PHY 241: University Physics III: Thermodynamics, Optics, and Wave Phenomena | 0-4 hrs | | PHY 241 will satisfy ASU PHY 252 requirement. May be taken after transferring to ASU. |
| Lower Division Elective | 0-6 hrs | | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60

Pathway Agreement

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Maricopa Community College District Biotechnology and Bioenterprise, BS Pathway 2020-2021



ASU Major: [Biotechnology and Bioenterprise, BS | New College of Interdisciplinary Arts and Sciences](#)

Pathway Requirements


First Year Composition [FYC]
ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL   3 hrs


ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL   3 hrs


Literacy and Critical Inquiry [L]
Literacy and Critical Inquiry [L]  3 hrs


Mathematical Studies [MA, CS]
MAT 212: Brief Calculus or
MAT 213: Brief Calculus OR   3-5 hrs Focus Area determines MAT course:
Biostatistics Focus Area complete MAT 220;
Biotechnology or Bioentrepreneurship Focus
Area complete MAT 212.


MAT 220: Calculus with Analytic Geometry I or
MAT 221: Calculus with Analytic Geometry I


Computer/Statistics/Quantitative Applications
[CS]  3 hrs


Humanities, Arts, and Design [HU]
Humanities, Arts, and Design [HU]  3 hrs


Humanities, Arts, and Design [HU]  3 hrs


Social-Behavioral Science [SB]
Social-Behavioral Science [SB]  3 hrs

Social-Behavioral Science [SB]  3 hrs

Natural Science [SQ, SG]
BIO 181: General Biology (Majors) I  4 hrs

BIO 182: General Biology (Majors) II  4 hrs

General Education Awareness Areas [C, H, G]
Cultural Diversity in the U.S. [C]  0-3 hrs

Historical or Global Awareness [H] or [G]  0-3 hrs

MCCCD Additional Requirements


Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.








Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Biotechnology and Bioenterprise BS degree program.

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information:
<https://transfer.asu.edu/credits>

| | | |
|---|---------|---|
| COM 100: Introduction to Human Communication OR | 0-3 hrs |  |
| COM 110: Interpersonal Communication OR | | |
| COM 225: Public Speaking OR | | |
| COM 230: Small Group Communication | | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|--|---------|--|
| CHM 150: General Chemistry I and CHM 151LL: General Chemistry I Laboratory OR | 4-5 hrs |   |
| CHM 151: General Chemistry I and CHM 151LL: General Chemistry I Laboratory OR | | |
| CHM 150AA: General Chemistry I or CHM 151AA: General Chemistry I | | |
| CHM 152: General Chemistry II and CHM 152LL: General Chemistry II Laboratory OR | 4 hrs |   |
| CHM 152AA: General Chemistry II | | |
| CHM 235: General Organic Chemistry I and CHM 235LL: General Organic Chemistry I L | 4 hrs |  |
| CHM 236: General Organic Chemistry IIA and CHM 236LL: General Organic Chemistry IIA Laboratory | 4 hrs |  |
| EPS 150: Introduction to Entrepreneurship | 3 hrs | Bioentrepreneurship Focus Area complete EPD 150; other Focus Areas may complete a general elective. |
| GBS 221: Business Statistics or MAT 206: Elements of Statistics or SWU 225: Statistics for Social Research/Justice and Government OR | 4-5 hrs |  Focus Area determines STP/MAT course: Biostatistics Focus Area complete MAT 230; Biotechnology or Bioentrepreneurship Focus Area complete GBS 221 or MAT 206 or SWU 225. |
| MAT 230: Calculus with Analytic Geometry II or MAT 231: Calculus with Analytic Geometry II | | |
| PHY 101: Introduction to Physics or PHY 101AA: Introduction to Physics | 4-5 hrs | |

Total Required Credits: 62

Pathway Agreement

Print

Maricopa Community College District Business (Business Administration), BA Pathway 2020-2021

ASU Major: **Business (Business Administration), BA | W. P. Carey School of Business**

Pathway Requirements

First Year Composition [FYC]

ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL



3 hrs

ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL



3 hrs

Literacy and Critical Inquiry [L]

Literacy and Critical Inquiry [L]



3 hrs

If COM225 is selected, it may also be applied to meet COM in the Additional Lower Division Requirements. If GBS233 is selected, it may also be applied as a Business Elective.

Mathematical Studies [MA, CS]

MAT 212: Brief Calculus or
MAT 213: Brief Calculus



3-4 hrs

CIS 105: Survey of Computer Information Systems



3 hrs

Humanities, Arts, and Design [HU]

Humanities, Arts, and Design [HU]



3 hrs

Humanities, Arts, and Design [HU]



3 hrs

Social-Behavioral Science [SB]

ECN 211: Macroeconomic Principles



3 hrs

ECN 212: Microeconomic Principles



3 hrs

Natural Science [SQ, SG]

Natural Science [SQ]



4 hrs

Select at least one SQ within the Natural Science requirement.

Natural Science [SQ, SG]



4 hrs

General Education Awareness Areas [C, H, G]

Cultural Diversity in the U.S. [C]



0-3 hrs

Historical or Global Awareness [H] or [G]



0-3 hrs

MCCCD Additional Requirements

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

This degree program requires meeting W. P. Carey Bachelor of Arts admission requirements. A 3.0 cumulative transfer GPA as calculated by ASU Admission Services is required. A 3.0 cumulative ASU GPA is also required for students who previously attended ASU.




Completion of the MAPP and all admission requirements satisfies the requirements for the MCCCDC Associate in Business, General Requirements degree (ABUS-GR) and AGEC-B, meets major map requirements at ASU, and guarantees admission into a W. P. Carey Bachelor of Arts degree program.

Effective Fall 2013 ASU no longer requires submission of a current SAT Reasoning score or ACT score by the end of the first semester in the program.

Only 64 credits are transferable to ASU. For more information: <https://transfer.asu.edu/credits>.

| | | |
|-------------------------|---------|--|
| ABUS Business Electives | 0-6 hrs | Select two courses from the following: CIS 114DE, CIS133DA, CIS 162AD, GBS 151, GBS 233, GBS 220, (GBS 110 OR MGT 251), IBS 101, MGT 253, MKT 271, PAD 100, REA 179, REA 180, or SBU 200. If GBS233 is selected, it may also be applied to meet Literacy and Critical Inquiry [L]. |
|-------------------------|---------|--|

Additional Lower Division Requirements

| | | |
|---|--|---|
| ACC 111: Accounting Principles I and ACC 230: Uses of Accounting Information and ACC 240: Uses of Accounting Information OR ACC 111: Accounting Principles I and ACC 112: Accounting Principles II and ACC 212: Managerial Accounting OR ACC 211: Financial Accounting and ACC 212: Managerial Accounting | 6-9 hrs  | |
| MAT 217: Mathematical Analysis for Business or MAT 218: Mathematical Analysis for Business | 3-4 hrs | |
| GBS 221: Business Statistics | 3 hrs  | |
| GBS 205: Legal, Ethical, And Regulatory Issues in Business | 3 hrs | |
| COM 100: Introduction to Human Communication or COM 225: Public Speaking or COM 230: Small Group Communication or COM 259: COMM IN BUSINESS & PROFESSIONS | 0-3 hrs  | If COM225 is selected, it may be also be applied to meet Literacy and Critical Inquiry [L]. |
| PSY Course | 3 hrs | AZTransfer.com and consult a community college advisor to ensure the course selected meets both requirements." data-bbox="495 445 715 525">" data-bbox="495 445 715 525">Select a course that transfers to ASU with the PSY prefix and SB designation. Check the Course Equivalency Guide on AZTransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| SOC Course | 3 hrs | AZTransfer.com and consult a community college advisor to ensure the course selected meets both requirements." data-bbox="495 525 715 605">" data-bbox="495 525 715 605">Select a course that transfers to ASU with the SOC prefix and SB designation. Check the Course Equivalency Guide on AZTransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| Lower Division Elective | 0-6 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 62

Pathway Agreement

Print

Maricopa Community College District Business (Communication), BA Pathway 2020-2021

ASU Major: [Business \(Communication\), BA | W. P. Carey School of Business](#)

Pathway Requirements

First Year Composition [FYC]

ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL



3 hrs

ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL



3 hrs

Literacy and Critical Inquiry [L]

Literacy and Critical Inquiry [L]



3 hrs

If COM 225 is selected, it may also be applied to meet COM in the Additional Lower Division Requirements. If GBS 233 is selected, it may also be applied as a Business Elective.

Mathematical Studies [MA, CS]

MAT 212: Brief Calculus or
MAT 213: Brief Calculus



3-4 hrs

CIS 105: Survey of Computer Information
Systems



3 hrs

Humanities, Arts, and Design [HU]

Humanities, Arts, and Design [HU]



3 hrs

Humanities, Arts, and Design [HU]



3 hrs

Social-Behavioral Science [SB]

ECN 211: Macroeconomic Principles



3 hrs

ECN 212: Microeconomic Principles



3 hrs

Natural Science [SQ, SG]

Natural Science [SQ]



4 hrs

Select at least one SQ within the Natural Science requirement.

Natural Science [SQ, SG]



4 hrs

General Education Awareness Areas [C, H, G]

Cultural Diversity in the U.S. [C]



0-3 hrs

Historical or Global Awareness [H] or [G]



0-3 hrs

MCCCD Additional Requirements

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

This degree program requires meeting W. P. Carey Bachelor of Arts admission requirements. A 3.0 cumulative transfer GPA as calculated by ASU Admission Services is required. A 3.0 cumulative ASU GPA is also required for students who previously attended ASU.

Completion of the MAPP and all admission requirements satisfies the requirements for the MCCCDC Associate in Business, General Requirements degree (ABUS-GR) and AGEC-B, meets major map requirements at ASU, and guarantees admission into a W. P. Carey Bachelor of Arts degree program.




Only 64 credits are transferable to ASU. For more information:

<https://transfer.asu.edu/credits>.

Effective Fall 2013 ASU no longer requires submission of a current SAT Reasoning score or ACT score by the end of the first semester in the program.

| | | |
|-------------------------|---------|--|
| ABUS Business Electives | 0-6 hrs | Select two courses from the following: CIS 114DE, CIS 133DA, CIS 162AD, GBS 151, GBS 233, GBS 220, (GBS 110 OR MGT 251), IBS 101, MGT 253, MKT 271, PAD 100, REA 179, REA 180, or SBU 200. If GBS 233 is selected, it may also be applied to meet Literacy and Critical Inquiry [L]. |
|-------------------------|---------|--|

Additional Lower Division Requirements

| | | |
|---|--|---|
| ACC 111: Accounting Principles I and ACC 230: Uses of Accounting Information and ACC 240: Uses of Accounting Information OR ACC 111: Accounting Principles I and ACC 112: Accounting Principles II and ACC 212: Managerial Accounting OR ACC 211: Financial Accounting and ACC 212: Managerial Accounting | 6-9 hrs  | |
| COM 100: Introduction to Human Communication or COM 225: Public Speaking or COM 230: Small Group Communication or COM 259: COMM IN BUSINESS & PROFESSIONS | 0-3 hrs  | If COM 225 is selected, it may be also be applied to meet Literacy and Critical Inquiry [L]. |
| GBS 205: LEGAL, ETHICAL/REGULATORY ISSUES/BUS | 3 hrs | |
| GBS 221: Business Statistics | 3 hrs  | |
| MAT 217: Mathematical Analysis for Business or MAT 218: Mathematical Analysis for Business | 3-4 hrs | |
| PSY Course | 3 hrs | Select a course that transfers to ASU with the PSY prefix and SB designation. Check the Course Equivalency Guide on AZTransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| SOC Course | 3 hrs | Select a course that transfers to ASU with the SOC prefix and SB designation. Check the Course Equivalency Guide on AZTransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| Lower Division Elective | 0-4 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60





Pathway Agreement


Print




Maricopa Community College District
Business (Corporate Accounting), BA Pathway
2020-2021



ASU Major: **Business (Corporate Accounting), BA | W. P. Carey School of Business**



Pathway Requirements



| | |
|--|---|
| First Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL |   3 hrs |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL |   3 hrs |



| | |
|--|--|
| Literacy and Critical Inquiry [L] COM 225: Public Speaking |  3 hrs |
|--|--|

| | |
|---|---|
| Mathematical Studies [MA, CS] MAT 212: Brief Calculus or MAT 213: Brief Calculus |  3-4 hrs |
| CIS 105: Survey of Computer Information Systems |   3 hrs |

| | |
|---|---|
| Humanities, Arts, and Design [HU] Humanities, Arts, and Design [HU] |  3 hrs |
| Humanities, Arts, and Design [HU] |  3 hrs |

| | |
|--|---|
| Social-Behavioral Science [SB] ECN 211: Macroeconomic Principles |  3 hrs |
| ECN 212: Microeconomic Principles |  3 hrs |

| | | |
|---|---|--|
| Natural Science [SQ, SG] Natural Science [SQ] |  4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] |  4 hrs | |

| | |
|--|---|
| General Education Awareness Areas [C, H, G] Cultural Diversity in the U.S. [C] |  0-3 hrs |
| Historical or Global Awareness [H] or [G] |  0-3 hrs |

MCCCD Additional Requirements

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

This degree program requires meeting W. P. Carey Bachelor of Arts admission requirements. A 3.0 cumulative transfer GPA as calculated by ASU Admission Services is required. A 3.0 cumulative ASU GPA is also required for students who previously attended ASU.

Completion of the MAPP and all admission requirements satisfies the requirements for the MCCCD Associate in Business, General Requirements degree (ABUS-GR) and AGEC-B, meets major map requirements at ASU, and guarantees admission into a W. P. Carey Bachelor of Arts degree program.

Only 64 credits are transferable to ASU. For more information: <https://transfer.asu.edu/credits>.

| | | |
|--|--|--|
| ABUS Business Electives | 0-6 hrs | Select two courses (6 hours) from the following: CIS 114DE, CIS133DA, CIS 162AD, GBS 151, GBS 233, GBS 220, (GBS 110 OR MGT 251), IBS 101, MGT 253, MKT 271, PAD 100, REA 179, REA 180, or SBU 200. Select in consultation with a Maricopa Advisor |
| Additional Lower Division Requirements | | |
| ACC 111: Accounting Principles I and ACC 230: Uses of Accounting Information and ACC 240: Uses of Accounting Information OR | 6-9 hrs  | |
| ACC 111: Accounting Principles I and ACC 112: Accounting Principles II and ACC 212: Managerial Accounting OR | | |
| ACC 211: Financial Accounting and ACC 212: Managerial Accounting | | |
| COM 100: Introduction to Human Communication or COM 230: Small Group Communication | 0-3 hrs  | The Corporate Accounting degree requires COM 100 or COM 230 (in addition to COM 225). |
| GBS 205: LEGAL, ETHICAL/REGULATORY ISSUES/BUS | 3 hrs | |
| GBS 221: Business Statistics | 3 hrs  | |
| MAT 217: Mathematical Analysis for Business or MAT 218: Mathematical Analysis for Business | 3 hrs | |
| PSY course | 3 hrs  | AZTransfer.com and consult a community college advisor to ensure the course selected meets both requirements." data-bbox="495 425 715 500">AZTransfer.com and consult a community college advisor to ensure the course selected meets both requirements." data-bbox="495 425 715 500">data-requirement-id="291857">Select a course that transfers to ASU with the PSY prefix and SB designation. Check the Course Equivalency Guide on AZTransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| SOC course | 3 hrs  | AZTransfer.com and consult a community college advisor to ensure the course selected meets both requirements." data-bbox="495 500 715 575">AZTransfer.com and consult a community college advisor to ensure the course selected meets both requirements." data-bbox="495 500 715 575">data-requirement-id="291871">Select a course that transfers to ASU with the SOC prefix and SB designation. Check the Course Equivalency Guide on AZTransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| Lower Division Elective | 0-6 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 62





Pathway Agreement


Print




Maricopa Community College District
Business (Food Industry Management), BA Pathway
2020-2021



ASU Major: **Business (Food Industry Management), BA | W. P. Carey School of Business**





Pathway Requirements



| | |
|--|---|
| First Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL |   3 hrs |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL |   3 hrs |



| | | |
|---|---|--|
| Literacy and Critical Inquiry [L] Literacy and Critical Inquiry [L] | 3 hrs  | If COM225 is selected, it may also be applied to meet COM in the Additional Lower Division Requirements. If GBS233 is selected, it may also be applied as a Business Elective. |
|---|---|--|

| | |
|---|--|
| Mathematical Studies [MA, CS] MAT 212: Brief Calculus or MAT 213: Brief Calculus | 3-4 hrs  |
| CIS 105: Survey of Computer Information Systems | 3 hrs   |

| | |
|---|--|
| Humanities, Arts, and Design [HU] Humanities, Arts, and Design [HU] | 3 hrs  |
| Humanities, Arts, and Design [HU] | 3 hrs  |

| | |
|--|--|
| Social-Behavioral Science [SB] ECN 211: Macroeconomic Principles | 3 hrs   |
| ECN 212: Microeconomic Principles | 3 hrs   |

| | | |
|---|--|--|
| Natural Science [SQ, SG] Natural Science [SQ] | 4 hrs  | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs  | |

| | |
|--|--|
| General Education Awareness Areas [C, H, G] Cultural Diversity in the U.S. [C] | 0-3 hrs  |
| Historical or Global Awareness [H] or [G] | 0-3 hrs  |

MCCCD Additional Requirements

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements




This degree program requires meeting W. P. Carey Bachelor of Arts admission requirements. A 3.0 cumulative transfer GPA as calculated by ASU Admission Services is required. A 3.0 cumulative ASU GPA is also required for students who previously attended ASU.

Completion of the MAPP and all admission requirements satisfies the requirements for the MCCCDC Associate in Business, General Requirements degree and AGECE-B, meets major map requirements at ASU, and guarantees admission into a W. P. Carey Bachelor of Arts degree program.

Only 64 credits are transferable to ASU. For more information: <https://transfer.asu.edu/credits>.

| | | |
|-------------------------|---------|--|
| ABUS Business Electives | 0-6 hrs | Select two courses from the following: CIS 114DE, CIS133DA, CIS 162AD, GBS 151, GBS 233, GBS 220, (GBS 110 OR MGT 251), IBS 101, MGT 253, MKT 271, PAD 100, REA 179, REA 180, or SBU 200. If GBS233 is selected, it may also be applied to meet Literacy and Critical Inquiry [L]. |
|-------------------------|---------|--|

Additional Lower Division Requirements

| | | |
|---|--|---|
| ACC 111: Accounting Principles I and ACC 230: Uses of Accounting Information and ACC 240: Uses of Accounting Information OR ACC 111: Accounting Principles I and ACC 112: Accounting Principles II and ACC 212: Managerial Accounting OR ACC 211: Financial Accounting and ACC 212: Managerial Accounting | 6-9 hrs  | |
| MAT 217: Mathematical Analysis for Business or MAT 218: Mathematical Analysis for Business | 3-4 hrs | |
| GBS 221: Business Statistics | 3 hrs  | |
| GBS 205: LEGAL, ETHICAL/REGULATORY ISSUES/BUS | 3 hrs | |
| COM 100: Introduction to Human Communication or COM 225: Public Speaking or COM 230: Small Group Communication or COM 259: COMM IN BUSINESS & PROFESSIONS | 0-3 hrs  | If COM225 is selected, it may be also be applied to meet Literacy and Critical Inquiry [L]. |
| PSY Course | 3 hrs | Select a course that transfers to ASU with the PSY prefix and SB designation. Check the Course Equivalency Guide on AZTransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| SOC Course | 3 hrs | Select a course that transfers to ASU with the SOC prefix and SB designation. Check the Course Equivalency Guide on AZTransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| Lower Division Elective | 0-6 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 62





Pathway Agreement


Print




Maricopa Community College District
Business (Global Agribusiness), BA Pathway
2020-2021



ASU Major: [Business \(Global Agribusiness\), BA | W. P. Carey School of Business](#)





Pathway Requirements




| | |
|--|---|
| First Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL |   3 hrs |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL |   3 hrs |



| | | |
|---|---|--|
| Literacy and Critical Inquiry [L] Literacy and Critical Inquiry [L] | 3 hrs  | If COM225 is selected, it may also be applied to meet COM in the Additional Lower Division Requirements. If GBS233 is selected, it may also be applied as a Business Elective. |
|---|---|--|

| | |
|---|--|
| Mathematical Studies [MA, CS] MAT 212: Brief Calculus or MAT 213: Brief Calculus | 3-4 hrs  |
| CIS 105: Survey of Computer Information Systems | 3 hrs   |

| | |
|---|--|
| Humanities, Arts, and Design [HU] Humanities, Arts, and Design [HU] | 3 hrs  |
| Humanities, Arts, and Design [HU] | 3 hrs  |

| | |
|--|--|
| Social-Behavioral Science [SB] ECN 211: Macroeconomic Principles | 3 hrs   |
| ECN 212: Microeconomic Principles | 3 hrs   |

| | | |
|---|--|---|
| Natural Science [SQ, SG] Natural Science [SQ] | 4 hrs  | Select at least one [SQ] within the Natural Science requirement. BIO 100 is strongly recommended for students going into Global Agribusiness. |
| Natural Science [SQ, SG] | 4 hrs   | |

| | |
|--|--|
| General Education Awareness Areas [C, H, G] Cultural Diversity in the U.S. [C] | 0-3 hrs  |
| Historical or Global Awareness [H] or [G] | 0-3 hrs  |

MCCCD Additional Requirements

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements




This degree program requires meeting W. P. Carey Bachelor of Arts admission requirements. A 3.0 cumulative transfer GPA as calculated by ASU Admission Services is required. A 3.0 cumulative ASU GPA is also required for students who previously attended ASU.

Completion of the MAPP and all admission requirements satisfies the requirements for the MCCC Associate in Business, General Requirements degree and AGECE-B, meets major map requirements at ASU, and guarantees admission into a W. P. Carey Bachelor of Arts degree program.

Only 64 credits are transferable to ASU. For more information: <https://transfer.asu.edu/credits>.

| | | |
|-------------------------|---------|--|
| ABUS Business Electives | 0-6 hrs | Select two courses from the following: CIS 114DE, CIS133DA, CIS 162AD, GBS 151, GBS 233, GBS 220, (GBS 110 OR MGT 251), IBS 101, MGT 253, MKT 271, PAD 100, REA 179, REA 180, or SBU 200. If GBS233 is selected, it may also be applied to meet Literacy and Critical Inquiry [L]. |
|-------------------------|---------|--|

Additional Lower Division Requirements

| | | |
|---|--|---|
| ACC 111: Accounting Principles I and ACC 230: Uses of Accounting Information and ACC 240: Uses of Accounting Information OR ACC 111: Accounting Principles I and ACC 112: Accounting Principles II and ACC 212: Managerial Accounting OR ACC 211: Financial Accounting and ACC 212: Managerial Accounting | 6-9 hrs  | |
| MAT 217: Mathematical Analysis for Business or MAT 218: Mathematical Analysis for Business | 3-4 hrs | |
| GBS 221: Business Statistics | 3 hrs  | |
| GBS 205: LEGAL, ETHICAL/REGULATORY ISSUES/BUS | 3 hrs | |
| COM 100: Introduction to Human Communication or COM 225: Public Speaking or COM 230: Small Group Communication or COM 259: COMM IN BUSINESS & PROFESSIONS | 0-3 hrs  | If COM225 is selected, it may be also be applied to meet Literacy and Critical Inquiry [L]. |
| PSY Course | 3 hrs | Select a course that transfers to ASU with the PSY prefix and SB designation. Check the Course Equivalency Guide on AZTransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| SOC Course | 3 hrs | Select a course that transfers to ASU with the SOC prefix and SB designation. Check the Course Equivalency Guide on AZTransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| Lower Division Elective | 0-6 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 62





Pathway Agreement


Print




Maricopa Community College District Business (Global Leadership), BA Pathway 2020-2021



ASU Major: [Business \(Global Leadership\), BA | W. P. Carey School of Business](#)





Pathway Requirements



| | | |
|---|---|-------|
| First Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL |   | 3 hrs |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL |   | 3 hrs |



| | | | |
|--|--|-------|--|
| Literacy and Critical Inquiry [L] Literacy and Critical Inquiry [L] |  | 3 hrs | If COM225 is selected, it may also be applied to meet COM in the Additional Lower Division Requirements. If GBS233 is selected, it may also be applied as a Business Elective. |
|--|--|-------|--|

| | | |
|--|---|---------|
| Mathematical Studies [MA, CS] MAT 212: Brief Calculus or MAT 213: Brief Calculus |  | 3-4 hrs |
| CIS 105: Survey of Computer Information Systems |   | 3 hrs |

| | | |
|--|---|-------|
| Humanities, Arts, and Design [HU] Humanities, Arts, and Design [HU] |  | 3 hrs |
| Humanities, Arts, and Design [HU] |  | 3 hrs |

| | | |
|---|---|-------|
| Social-Behavioral Science [SB] ECN 211: Macroeconomic Principles |   | 3 hrs |
| ECN 212: Microeconomic Principles |   | 3 hrs |

| | | | |
|--|---|-------|--|
| Natural Science [SQ, SG] Natural Science [SQ] |  | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] |  | 4 hrs | |

| | | |
|---|---|---------|
| General Education Awareness Areas [C, H, G] Cultural Diversity in the U.S. [C] |  | 0-3 hrs |
| Historical or Global Awareness [H] or [G] |  | 0-3 hrs |

MCCCD Additional Requirements

Pathway Notes




Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

This degree program requires meeting W. P. Carey Bachelor of Arts admission requirements. A 3.0 cumulative transfer GPA as calculated by ASU Admission Services is required. A 3.0 cumulative ASU GPA is also required for students who previously attended ASU.

Completion of the MAPP and all admission requirements satisfies the requirements for the MCCCD Associate in Business, General Requirements degree and AGEC-B, meets major map requirements at ASU, and guarantees admission into a W. P. Carey Bachelor of Arts degree program.

Only 64 credits are transferable to ASU. For more information: <https://transfer.asu.edu/credits>.

| | | |
|--|--|--|
| ABUS Business Electives | 0-6 hrs | Select two courses from the following: CIS 114DE, CIS133DA, CIS 162AD, GBS 151, GBS 233, GBS 220, (GBS 110 OR MGT 251), IBS 101, MGT 253, MKT 271, PAD 100, REA 179, REA 180, or SBU 200. If GBS233 is selected, it may also be applied to meet Literacy and Critical Inquiry [L]. |
| Additional Lower Division Requirements | | |
| ACC 111: Accounting Principles I and ACC 230: Uses of Accounting Information and ACC 240: Uses of Accounting Information OR | 6-9 hrs  | |
| ACC 111: Accounting Principles I and ACC 112: Accounting Principles II and ACC 212: Managerial Accounting OR | | |
| ACC 211: Financial Accounting and ACC 212: Managerial Accounting | | |
| COM 100: Introduction to Human Communication or COM 225: Public Speaking or COM 230: Small Group Communication or COM 259: COMM IN BUSINESS & PROFESSIONS | 0-3 hrs  | If COM225 is selected, it may be also be applied to meet Literacy and Critical Inquiry [L]. |
| GBS 205: Legal, Ethical, And Regulatory Issues in Business | 3 hrs | |
| GBS 221: Business Statistics | 3 hrs  | |
| MAT 217: Mathematical Analysis for Business or MAT 218: Mathematical Analysis for Business | 3-4 hrs | |
| PSY Course | 3 hrs | Select a course that transfers to ASU with the PSY prefix and SB designation. Check the Course Equivalency Guide on AZTransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| SOC Course | 3 hrs | Select a course that transfers to ASU with the SOC prefix and SB designation. Check the Course Equivalency Guide on AZTransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| Lower Division Elective | 0-6 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 62





Pathway Agreement


Print




Maricopa Community College District
Business (Global Logistics Management), BA Pathway
2020-2021



ASU Major: **Business (Global Logistics Management), BA | W. P. Carey School of Business**





Pathway Requirements



| | |
|---|--|
| First Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL | 3 hrs   |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL | 3 hrs   |



| | | |
|--|---|--|
| Literacy and Critical Inquiry [L] Literacy and Critical Inquiry [L] | 3 hrs  | If COM225 is selected, it may also be applied to meet COM in the Additional Lower Division Requirements. If GBS233 is selected, it may also be applied as a Business Elective. |
|--|---|--|

| | |
|--|--|
| Mathematical Studies [MA, CS] MAT 212: Brief Calculus or MAT 213: Brief Calculus | 3-4 hrs  |
| CIS 105: Survey of Computer Information Systems | 3 hrs   |

| | |
|--|--|
| Humanities, Arts, and Design [HU] Humanities, Arts, and Design [HU] | 3 hrs  |
| Humanities, Arts, and Design [HU] | 3 hrs  |

| | |
|---|--|
| Social-Behavioral Science [SB] ECN 211: Macroeconomic Principles | 3 hrs   |
| ECN 212: Microeconomic Principles | 3 hrs   |

| | | |
|--|--|--|
| Natural Science [SQ, SG] Natural Science [SQ] | 4 hrs  | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs  | |

| | |
|---|--|
| General Education Awareness Areas [C, H, G] Cultural Diversity in the U.S. [C] | 0-3 hrs  |
| Historical or Global Awareness [H] or [G] | 0-3 hrs  |

MCCCD Additional Requirements

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements




This degree program requires meeting W. P. Carey Bachelor of Arts admission requirements. A 3.0 cumulative transfer GPA as calculated by ASU Admission Services is required. A 3.0 cumulative ASU GPA is also required for students who previously attended ASU.

Completion of the MAPP and all admission requirements satisfies the requirements for the MCCCDC Associate in Business, General Requirements degree and AGECE-B, meets major map requirements at ASU, and guarantees admission into a W. P. Carey Bachelor of Arts degree program.

Only 64 credits are transferable to ASU. For more information: <https://transfer.asu.edu/credits>.

| | | |
|-------------------------|---------|--|
| ABUS Business Electives | 0-6 hrs | Select two courses from the following: CIS 114DE, CIS133DA, CIS 162AD, GBS 151, GBS 233, GBS 220, (GBS 110 OR MGT 251), IBS 101, MGT 253, MKT 271, PAD 100, REA 179, REA 180, or SBU 200. If GBS233 is selected, it may also be applied to meet Literacy and Critical Inquiry [L]. |
|-------------------------|---------|--|

Additional Lower Division Requirements

| | | |
|---|--|---|
| ACC 111: Accounting Principles I and ACC 230: Uses of Accounting Information and ACC 240: Uses of Accounting Information OR ACC 111: Accounting Principles I and ACC 112: Accounting Principles II and ACC 212: Managerial Accounting OR ACC 211: Financial Accounting and ACC 212: Managerial Accounting | 6-9 hrs  | |
| MAT 217: Mathematical Analysis for Business or MAT 218: Mathematical Analysis for Business | 3-4 hrs | |
| GBS 221: Business Statistics | 3 hrs  | |
| GBS 205: LEGAL, ETHICAL/REGULATORY ISSUES/BUS | 3 hrs | |
| COM 100: Introduction to Human Communication or COM 225: Public Speaking or COM 230: Small Group Communication or COM 259: COMM IN BUSINESS & PROFESSIONS | 0-3 hrs  | If COM225 is selected, it may be also be applied to meet Literacy and Critical Inquiry [L]. |
| PSY Course | 3 hrs | Select a course that transfers to ASU with the PSY prefix and SB designation. Check the Course Equivalency Guide on AZTransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| SOC Course | 3 hrs | Select a course that transfers to ASU with the SOC prefix and SB designation. Check the Course Equivalency Guide on AZTransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| Lower Division Elective | 0-6 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 62





Pathway Agreement


Print




Maricopa Community College District
Business (Global Politics), BA Pathway
2020-2021



ASU Major: **Business (Global Politics), BA | W. P. Carey School of Business**





Pathway Requirements



| | |
|--|---|
| First Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL |   3 hrs |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL |   3 hrs |



| | | |
|---|--|--|
| Literacy and Critical Inquiry [L] Literacy and Critical Inquiry [L] |  3 hrs | If COM225 is selected, it may also be applied to meet COM in the Additional Lower Division Requirements. If GBS233 is selected, it may also be applied as a Business Elective. |
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| | |
|---|---|
| Mathematical Studies [MA, CS] MAT 212: Brief Calculus or MAT 213: Brief Calculus |  3-4 hrs |
| CIS 105: Survey of Computer Information Systems |   3 hrs |

| | |
|--|---|
| Humanities, Arts, and Design [HU] Humanities, Arts, and Design |  3 hrs |
| Humanities, Arts, and Design |  3 hrs |

| | |
|--|---|
| Social-Behavioral Science [SB] ECN 211: Macroeconomic Principles |   3 hrs |
| ECN 212: Microeconomic Principles |   3 hrs |

| | | |
|---|---|--|
| Natural Science [SQ, SG] Natural Science [SQ, SG] |  4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] |  4 hrs | |

| | |
|--|---|
| General Education Awareness Areas [C, H, G] Cultural Diversity in the U.S. [C] |  0-3 hrs |
| Historical or Global Awareness [H] or [G] |  0-3 hrs |

MCCCD Additional Requirements

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements




This degree program requires meeting W. P. Carey Bachelor of Arts admission requirements. A 3.0 cumulative transfer GPA as calculated by ASU Admission Services is required. A 3.0 cumulative ASU GPA is also required for students who previously attended ASU.

Completion of the MAPP and all admission requirements satisfies the requirements for the MCCCD Associate in Business, General Requirements degree and AGECE-B, meets major map requirements at ASU, and guarantees admission into a W. P. Carey Bachelor of Arts degree program.

Only 64 credits are transferable to ASU. For more information: <https://transfer.asu.edu/credits>.

| | | |
|-------------------------|---------|--|
| ABUS Business Electives | 0-6 hrs | Select two courses from the following: CIS 114DE, CIS133DA, CIS 162AD, GBS 151, GBS 233, GBS 220, (GBS 110 OR MGT 251), IBS 101, MGT 253, MKT 271, PAD 100, REA 179, REA 180, or SBU 200. If GBS233 is selected, it may also be applied to meet Literacy and Critical Inquiry [L]. |
|-------------------------|---------|--|

Additional Lower Division Requirements

| | | |
|---|--|---|
| ACC 111: Accounting Principles I and ACC 230: Uses of Accounting Information and ACC 240: Uses of Accounting Information OR ACC 111: Accounting Principles I and ACC 112: Accounting Principles II and ACC 212: Managerial Accounting OR ACC 211: Financial Accounting and ACC 212: Managerial Accounting | 6-9 hrs  | |
| MAT 217: Mathematical Analysis for Business or MAT 218: Mathematical Analysis for Business | 3-4 hrs | |
| GBS 221: Business Statistics | 3 hrs  | |
| GBS 205: LEGAL, ETHICAL/REGULATORY ISSUES/BUS | 3 hrs | |
| COM 100: Introduction to Human Communication or COM 225: Public Speaking or COM 230: Small Group Communication or COM 259: COMM IN BUSINESS & PROFESSIONS | 0-3 hrs  | If COM225 is selected, it may be also be applied to meet Literacy and Critical Inquiry [L]. |
| PSY Course | 3 hrs | Select a course that transfers to ASU with the PSY prefix and SB designation. Check the Course Equivalency Guide on aztransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| SOC Course | 3 hrs | Select a course that transfers to ASU with the SOC prefix and SB designation. Check the Course Equivalency Guide on aztransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| Lower Division Elective | 0-6 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 62





Pathway Agreement


Print




Maricopa Community College District
Business (Health Care), BA Pathway
2020-2021



ASU Major: **Business (Health Care), BA | W. P. Carey School of Business**





Pathway Requirements



| | |
|--|---|
| First Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL |   3 hrs |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL |   3 hrs |



| | | |
|---|---|--|
| Literacy and Critical Inquiry [L] Literacy and Critical Inquiry [L] | 3 hrs  | If COM225 is selected, it may also be applied to meet COM in the Additional Lower Division Requirements. If GBS233 is selected, it may also be applied as a Business Elective. |
|---|---|--|

| | |
|---|--|
| Mathematical Studies [MA, CS] MAT 212: Brief Calculus or MAT 213: Brief Calculus | 3-4 hrs  |
| CIS 105: Survey of Computer Information Systems | 3 hrs   |

| | |
|---|--|
| Humanities, Arts, and Design [HU] Humanities, Arts, and Design [HU] | 3 hrs  |
| Humanities, Arts, and Design [HU] | 3 hrs  |

| | |
|--|--|
| Social-Behavioral Science [SB] ECN 211: Macroeconomic Principles | 3 hrs   |
| ECN 212: Microeconomic Principles | 3 hrs   |

| | | |
|---|--|--|
| Natural Science [SQ, SG] Natural Science [SQ, SG] | 4 hrs  | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs  | |

| | | |
|--|--|---------------------------|
| General Education Awareness Areas [C, H, G] Cultural Diversity in the U.S. [C] | 0-3 hrs  | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs  | HCR 220 [H] is preferred. |

MCCCD Additional Requirements

Pathway Notes




Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

This degree program requires meeting W. P. Carey Bachelor of Arts admission requirements. A 3.0 cumulative transfer GPA as calculated by ASU Admission Services is required. A 3.0 cumulative ASU GPA is also required for students who previously attended ASU.

Completion of the MAPP and all admission requirements satisfies the requirements for the MCCCDC Associate in Business, General Requirements degree and AGECE-B, meets major map requirements at ASU, and guarantees admission into a W. P. Carey Bachelor of Arts degree program.

Only 64 credits are transferable to ASU. For more information: <https://transfer.asu.edu/credits>.

| | | |
|--|--|--|
| ABUS Business Electives | 0-6 hrs | Select two courses from the following: CIS 114DE, CIS133DA, CIS 162AD, GBS 151, GBS 233, GBS 220, (GBS 110 OR MGT 251), IBS 101, MGT 253, MKT 271, PAD 100, REA 179, REA 180, or SBU 200. If GBS233 is selected, it may also be applied to meet Literacy and Critical Inquiry [L]. |
| Additional Lower Division Requirements | | |
| ACC 111: Accounting Principles I and ACC 230: Uses of Accounting Information and ACC 240: Uses of Accounting Information OR | 6-9 hrs  | |
| ACC 111: Accounting Principles I and ACC 112: Accounting Principles II and ACC 212: Managerial Accounting OR | | |
| ACC 211: Financial Accounting and ACC 212: Managerial Accounting | | |
| COM 100: Introduction to Human Communication or COM 225: Public Speaking or COM 230: Small Group Communication or COM 259: COMM IN BUSINESS & PROFESSIONS | 0-3 hrs  | If COM225 is selected, it may be also be applied to meet Literacy and Critical Inquiry [L]. |
| GBS 205: Legal, Ethical, And Regulatory Issues in Business | 3 hrs | |
| GBS 221: Business Statistics | 3 hrs  | |
| MAT 217: Mathematical Analysis for Business or MAT 218: Mathematical Analysis for Business | 3-4 hrs | |
| PSY Course | 3 hrs | Select a course that transfers to ASU with the PSY prefix and SB designation. Check the Course Equivalency Guide on aztransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| SOC Course | 3 hrs | Select a course that transfers to ASU with the SOC prefix and SB designation. Check the Course Equivalency Guide on aztransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| Lower Division Elective | 0-6 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 62

Pathway Agreement

Print


Maricopa Community College District Business (Human Resources), BA Pathway 2020-2021


ASU Major: [Business \(Human Resources\), BA | W. P. Carey School of Business](#)



Pathway Requirements


First Year Composition [FYC]
ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL   3 hrs


ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL   3 hrs

Literacy and Critical Inquiry [L]
Literacy and Critical Inquiry [L]  3 hrs
If COM225 is selected, it may also be applied to meet COM in the Additional Lower Division Requirements. If GBS233 is selected, it may also be applied as a Business Elective.

Mathematical Studies [MA, CS]
MAT 212: Brief Calculus or
MAT 213: Brief Calculus  3-4 hrs


CIS 105: Survey of Computer Information
Systems   3 hrs

Humanities, Arts, and Design [HU]
Humanities, Arts, and Design  3 hrs


Humanities, Arts, and Design  3 hrs


Social-Behavioral Science [SB]
ECN 211: Macroeconomic Principles   3 hrs

ECN 212: Microeconomic Principles   3 hrs

Natural Science [SQ, SG]
Natural Science [SQ, SG]  4 hrs
Select at least one SQ within the Natural Science requirement.

Natural Science [SQ, SG]  4 hrs

General Education Awareness Areas [C, H, G]
Cultural Diversity in the U.S. [C]  0-3 hrs

Historical or Global Awareness [H] or [G]  0-3 hrs

MCCCD Additional Requirements

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements




This degree program requires meeting W. P. Carey Bachelor of Arts admission requirements. A 3.0 cumulative transfer GPA as calculated by ASU Admission Services is required. A 3.0 cumulative ASU GPA is also required for students who previously attended ASU.

Completion of the MAPP and all admission requirements satisfies the requirements for the MCCCDC Associate in Business, General Requirements degree and AGECE-B, meets major map requirements at ASU, and guarantees admission into a W. P. Carey Bachelor of Arts degree program.

Only 64 credits are transferable to ASU. For more information: <https://transfer.asu.edu/credits>.

| | | |
|-------------------------|---------|--|
| ABUS Business Electives | 0-6 hrs | Select two courses from the following: CIS 114DE, CIS133DA, CIS 162AD, GBS 151, GBS 233, GBS 220, (GBS 110 OR MGT 251), IBS 101, MGT 253, MKT 271, PAD 100, REA 179, REA 180, or SBU 200. If GBS233 is selected, it may also be applied to meet Literacy and Critical Inquiry [L]. |
|-------------------------|---------|--|

Additional Lower Division Requirements

| | | |
|---|--|---|
| ACC 111: Accounting Principles I and ACC 230: Uses of Accounting Information and ACC 240: Uses of Accounting Information OR ACC 111: Accounting Principles I and ACC 112: Accounting Principles II and ACC 212: Managerial Accounting OR ACC 211: Financial Accounting and ACC 212: Managerial Accounting | 6-9 hrs  | |
| MAT 217: Mathematical Analysis for Business or MAT 218: Mathematical Analysis for Business | 3-4 hrs | |
| GBS 221: Business Statistics | 3 hrs  | |
| GBS 205: LEGAL, ETHICAL/REGULATORY ISSUES/BUS | 3 hrs | |
| COM 100: Introduction to Human Communication or COM 225: Public Speaking or COM 230: Small Group Communication or COM 259: COMM IN BUSINESS & PROFESSIONS | 0-3 hrs  | If COM225 is selected, it may be also be applied to meet Literacy and Critical Inquiry [L]. |
| PSY Course | 3 hrs | Select a course that transfers to ASU with the PSY prefix and SB designation. Check the Course Equivalency Guide on aztransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| SOC Course | 3 hrs | Select a course that transfers to ASU with the SOC prefix and SB designation. Check the Course Equivalency Guide on aztransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| Lower Division Elective | 0-6 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 62





Pathway Agreement


Print




**Maricopa Community College District
Business (Information Security), BA Pathway
2020-2021**



ASU Major: **Business (Information Security), BA | W. P. Carey School of Business**





Pathway Requirements



| | |
|--|---|
| First Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL |   3 hrs |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL |   3 hrs |



| | | |
|---|---|--|
| Literacy and Critical Inquiry [L] Literacy and Critical Inquiry [L] | 3 hrs  | If COM225 is selected, it may also be applied to meet COM in the Additional Lower Division Requirements. If GBS233 is selected, it may also be applied as a Business Elective. |
|---|---|--|

| | |
|---|--|
| Mathematical Studies [MA, CS] MAT 212: Brief Calculus or MAT 213: Brief Calculus | 3-4 hrs  |
| CIS 105: Survey of Computer Information Systems | 3 hrs   |

| | | |
|---|--|---|
| Humanities, Arts, and Design [HU] Humanities, Arts, and Design [HU] | 3 hrs  | Select a course that also fulfills Historical Awareness [H] |
| Humanities, Arts, and Design [HU] | 3 hrs  | |

| | |
|--|--|
| Social-Behavioral Science [SB] ECN 211: Macroeconomic Principles | 3 hrs   |
| ECN 212: Microeconomic Principles | 3 hrs   |

| | | |
|---|--|--|
| Natural Science [SQ, SG] Natural Science [SQ, SG] | 4 hrs  | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs  | |

| | |
|--|--|
| General Education Awareness Areas [C, H, G] Cultural Diversity in the U.S. [C] | 0-3 hrs  |
| Historical or Global Awareness [H] or [G] | 0-3 hrs  |

MCCCD Additional Requirements

Pathway Notes




Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

This degree program requires meeting W. P. Carey Bachelor of Arts admission requirements. A 3.0 cumulative transfer GPA as calculated by ASU Admission Services is required. A 3.0 cumulative ASU GPA is also required for students who previously attended ASU.

Completion of the MAPP and all admission requirements satisfies the requirements for the MCCC Associate in Business, General Requirements degree and AGECE-B, meets major map requirements at ASU, and guarantees admission into a W. P. Carey Bachelor of Arts degree program.

Only 64 credits are transferable to ASU. For more information: <https://transfer.asu.edu/credits>.

| | | |
|--|---------|--|
| CIS 250: Management of Information Systems | 3 hrs | |
| ABUS Business Electives | 0-6 hrs | Select two courses from the following: CIS 114DE, CIS133DA, CIS 162AD, GBS 151, GBS 233, GBS 220, (GBS 110 OR MGT 251), IBS 101, MGT 253, MKT 271, PAD 100, REA 179, REA 180, or SBU 200. If GBS233 is selected, it may also be applied to meet Literacy and Critical Inquiry [L]. |
| Additional Lower Division Requirements | | |
| ACC 111: Accounting Principles I and ACC 230: Uses of Accounting Information and ACC 240: Uses of Accounting Information OR | 6-9 hrs |  |
| ACC 111: Accounting Principles I and ACC 112: Accounting Principles II and ACC 212: Managerial Accounting OR | | |
| ACC 211: Financial Accounting and ACC 212: Managerial Accounting | | |
| COM 100: Introduction to Human Communication or COM 225: Public Speaking or COM 230: Small Group Communication or COM 259: COMM IN BUSINESS & PROFESSIONS | 0-3 hrs |  If COM225 is selected, it may be also be applied to meet Literacy and Critical Inquiry [L]. |
| GBS 205: Legal, Ethical, And Regulatory Issues in Business | 3 hrs | |
| GBS 221: Business Statistics | 3 hrs |  |
| MAT 217: Mathematical Analysis for Business or MAT 218: Mathematical Analysis for Business | 3-4 hrs | |
| PSY Course | 3 hrs | Select a course that transfers to ASU with the PSY prefix and SB designation. Check the Course Equivalency Guide on aztransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| SOC Course | 3 hrs | Select a course that transfers to ASU with the SOC prefix and SB designation. Check the Course Equivalency Guide on aztransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| Lower Division Elective | 0-3 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 62





Pathway Agreement


Print




Maricopa Community College District
Business (Law), BA Pathway
2020-2021



ASU Major: **Business (Law), BA | W. P. Carey School of Business**





Pathway Requirements



| | |
|--|---|
| First Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL |   3 hrs |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL |   3 hrs |



| | | |
|---|---|--|
| Literacy and Critical Inquiry [L] Literacy and Critical Inquiry [L] | 3 hrs  | If COM225 is selected, it may also be applied to meet COM in the Additional Lower Division Requirements. If GBS233 is selected, it may also be applied as a Business Elective. |
|---|---|--|

| | |
|---|--|
| Mathematical Studies [MA, CS] MAT 212: Brief Calculus or MAT 213: Brief Calculus | 3-4 hrs  |
| CIS 105: Survey of Computer Information Systems | 3 hrs   |

| | |
|--|--|
| Humanities, Arts, and Design [HU] Humanities, Arts, and Design | 3 hrs  |
| Humanities, Arts, and Design | 3 hrs  |

| | |
|--|--|
| Social-Behavioral Science [SB] ECN 211: Macroeconomic Principles | 3 hrs   |
| ECN 212: Microeconomic Principles | 3 hrs   |

| | | |
|---|--|--|
| Natural Science [SQ, SG] Natural Science [SQ, SG] | 4 hrs  | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs  | |

| | |
|--|--|
| General Education Awareness Areas [C, H, G] Cultural Diversity in the U.S. [C] | 0-3 hrs  |
| Historical or Global Awareness [H] or [G] | 0-3 hrs  |

MCCCD Additional Requirements

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements




This degree program requires meeting W. P. Carey Bachelor of Arts admission requirements. A 3.0 cumulative transfer GPA as calculated by ASU Admission Services is required. A 3.0 cumulative ASU GPA is also required for students who previously attended ASU.

Completion of the MAPP and all admission requirements satisfies the requirements for the MCCC Associate in Business, General Requirements degree and AGECE-B, meets major map requirements at ASU, and guarantees admission into a W. P. Carey Bachelor of Arts degree program.

Only 64 credits are transferable to ASU. For more information: <https://transfer.asu.edu/credits>.

| | | |
|-------------------------|---------|--|
| ABUS Business Electives | 0-6 hrs | Select two courses from the following: CIS 114DE, CIS133DA, CIS 162AD, GBS 151, GBS 233, GBS 220, (GBS 110 OR MGT 251), IBS 101, MGT 253, MKT 271, PAD 100, REA 179, REA 180, or SBU 200. If GBS233 is selected, it may also be applied to meet Literacy and Critical Inquiry [L]. |
|-------------------------|---------|--|

Additional Lower Division Requirements

| | | |
|---|--|---|
| ACC 111: Accounting Principles I and ACC 230: Uses of Accounting Information and ACC 240: Uses of Accounting Information OR ACC 111: Accounting Principles I and ACC 112: Accounting Principles II and ACC 212: Managerial Accounting OR ACC 211: Financial Accounting and ACC 212: Managerial Accounting | 6-9 hrs  | |
| MAT 217: Mathematical Analysis for Business or MAT 218: Mathematical Analysis for Business | 3-4 hrs | |
| GBS 221: Business Statistics | 3 hrs  | |
| GBS 205: LEGAL, ETHICAL/REGULATORY ISSUES/BUS | 3 hrs | |
| COM 100: Introduction to Human Communication or COM 225: Public Speaking or COM 230: Small Group Communication or COM 259: COMM IN BUSINESS & PROFESSIONS | 0-3 hrs  | If COM225 is selected, it may be also be applied to meet Literacy and Critical Inquiry [L]. |
| PSY Course | 3 hrs | Select a course that transfers to ASU with the PSY prefix and SB designation. Check the Course Equivalency Guide on aztransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| SOC Course | 3 hrs | Select a course that transfers to ASU with the SOC prefix and SB designation. Check the Course Equivalency Guide on aztransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| Lower Division Elective | 0-6 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 62





Pathway Agreement


Print




Maricopa Community College District
Business (Public Service and Public Policy), BA Pathway
2020-2021



ASU Major: **Business (Public Service and Public Policy), BA | W. P. Carey School of Business**





Pathway Requirements



| | |
|--|---|
| First Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL |   3 hrs |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL |   3 hrs |



| | | |
|---|---|--|
| Literacy and Critical Inquiry [L] Literacy and Critical Inquiry [L] | 3 hrs  | If COM225 is selected, it may also be applied to meet COM in the Additional Lower Division Requirements. If GBS233 is selected, it may also be applied as a Business Elective. |
|---|---|--|

| | |
|---|--|
| Mathematical Studies [MA, CS] MAT 212: Brief Calculus or MAT 213: Brief Calculus | 3-4 hrs  |
| CIS 105: Survey of Computer Information Systems | 3 hrs   |

| | |
|--|--|
| Humanities, Arts, and Design [HU] Humanities, Arts, and Design | 3 hrs  |
| Humanities, Arts, and Design | 3 hrs  |

| | |
|--|--|
| Social-Behavioral Science [SB] ECN 211: Macroeconomic Principles | 3 hrs   |
| ECN 212: Microeconomic Principles | 3 hrs   |

| | | |
|---|--|--|
| Natural Science [SQ, SG] Natural Science [SQ, SG] | 4 hrs  | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs  | |

| | |
|--|--|
| General Education Awareness Areas [C, H, G] Cultural Diversity in the U.S. [C] | 0-3 hrs  |
| Historical or Global Awareness [H] or [G] | 0-3 hrs  |

MCCCD Additional Requirements

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements




This degree program requires meeting W. P. Carey Bachelor of Arts admission requirements. A 3.0 cumulative transfer GPA as calculated by ASU Admission Services is required. A 3.0 cumulative ASU GPA is also required for students who previously attended ASU.

Completion of the MAPP and all admission requirements satisfies the requirements for the MCCC Associate in Business, General Requirements degree and AGECE-B, meets major map requirements at ASU, and guarantees admission into a W. P. Carey Bachelor of Arts degree program.

Only 64 credits are transferable to ASU. For more information: <https://transfer.asu.edu/credits>.

| | | |
|-------------------------|---------|--|
| ABUS Business Electives | 0-6 hrs | Select two courses from the following: CIS 114DE, CIS133DA, CIS 162AD, GBS 151, GBS 233, GBS 220, (GBS 110 OR MGT 251), IBS 101, MGT 253, MKT 271, PAD 100, REA 179, REA 180, or SBU 200. If GBS233 is selected, it may also be applied to meet Literacy and Critical Inquiry [L]. |
|-------------------------|---------|--|

Additional Lower Division Requirements

| | | |
|---|--|---|
| ACC 111: Accounting Principles I and ACC 230: Uses of Accounting Information and ACC 240: Uses of Accounting Information OR ACC 111: Accounting Principles I and ACC 112: Accounting Principles II and ACC 212: Managerial Accounting OR ACC 211: Financial Accounting and ACC 212: Managerial Accounting | 6-9 hrs  | |
| MAT 217: Mathematical Analysis for Business or MAT 218: Mathematical Analysis for Business | 3-4 hrs | |
| GBS 221: Business Statistics | 3 hrs  | |
| GBS 205: Legal, Ethical, and Regulatory Issues in Business | 3 hrs | |
| COM 100: Introduction to Human Communication or COM 225: Public Speaking or COM 230: Small Group Communication or COM 259: COMM IN BUSINESS & PROFESSIONS | 0-3 hrs  | If COM225 is selected, it may be also be applied to meet Literacy and Critical Inquiry [L]. |
| PSY Course | 3 hrs | Select a course that transfers to ASU with the PSY prefix and SB designation. Check the Course Equivalency Guide on aztransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| SOC Course | 3 hrs | Select a course that transfers to ASU with the SOC prefix and SB designation. Check the Course Equivalency Guide on aztransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| Lower Division Elective | 0-6 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 62





Pathway Agreement


Print




Maricopa Community College District Business (Retail Management), BA Pathway 2020-2021



ASU Major: **Business (Retail Management), BA | W. P. Carey School of Business**





Pathway Requirements



| | |
|--|---|
| First Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL |   3 hrs |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL |   3 hrs |



| | | |
|---|---|--|
| Literacy and Critical Inquiry [L] Literacy and Critical Inquiry [L] | 3 hrs  | If COM225 is selected, it may also be applied to meet COM in the Additional Lower Division Requirements. If GBS233 is selected, it may also be applied as a Business Elective. |
|---|---|--|

| | |
|---|--|
| Mathematical Studies [MA, CS] MAT 212: Brief Calculus or MAT 213: Brief Calculus | 3-4 hrs  |
| CIS 105: Survey of Computer Information Systems | 3 hrs   |

| | |
|--|--|
| Humanities, Arts, and Design [HU] Humanities, Arts, and Design | 3 hrs  |
| Humanities, Arts, and Design | 3 hrs  |

| | |
|--|--|
| Social-Behavioral Science [SB] ECN 211: Macroeconomic Principles | 3 hrs   |
| ECN 212: Microeconomic Principles | 3 hrs   |

| | | |
|--|--|--|
| Natural Science [SQ, SG] Natural Science | 4 hrs  | Select at least one SQ within the Natural Science requirement. |
| Natural Science | 4 hrs  | |

| | |
|--|--|
| General Education Awareness Areas [C, H, G] Cultural Diversity in the U.S. [C] | 0-3 hrs  |
| Historical or Global Awareness [H] or [G] | 0-3 hrs  |

MCCCD Additional Requirements

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements




This degree program requires meeting W. P. Carey Bachelor of Arts admission requirements. A 3.0 cumulative transfer GPA as calculated by ASU Admission Services is required. A 3.0 cumulative ASU GPA is also required for students who previously attended ASU.

Completion of the MAPP and all admission requirements satisfies the requirements for the MCCCDC Associate in Business, General Requirements degree and AGECE-B, meets major map requirements at ASU, and guarantees admission into a W. P. Carey Bachelor of Arts degree program.

Only 64 credits are transferable to ASU. For more information: <https://transfer.asu.edu/credits>.

| | | |
|--|---------|--|
| CIS 114DE: Excel Spreadsheet OR | 0-6 hrs | Select two courses (6 hours) from the list of courses. Select in consultation with a Maricopa Advisor. |
| CIS 133DA: Internet/Web Development Leve OR | | |
| CIS 162AD: C#: Level I OR | | |
| GBS 151: Introduction to Business OR | | |
| GBS 220: QUANTITATIVE METHODS IN BUSIN OR | | |
| GBS 233: Business Communication OR | | |
| GBS 110: HUMAN RELATIONS IN BUSINESS/I or MGT 251: Human Relations in Business OR | | |
| IBS 101: Intro to International Business OR | | |
| MGT 253: OWNING & OPERATING A SMALL BU OR | | |
| MKT 271: Principles of Marketing OR | | |
| PAD 100: Course Title Not Available OR | | |
| REA 179: Real Estate Principles I OR | | |
| REA 180: Real Estate Principles II OR | | |
| SBU 200: Society and Business | | |

Additional Lower Division Requirements

| | | |
|---|--|---|
| ACC 111: Accounting Principles I and ACC 230: Uses of Accounting Information and ACC 240: Uses of Accounting Information OR | 6-9 hrs  | |
| ACC 111: Accounting Principles I and ACC 112: Accounting Principles II and ACC 212: Managerial Accounting OR | | |
| ACC 211: Financial Accounting and ACC 212: Managerial Accounting | | |
| GBS 205: Legal, Ethical, And Regulatory Issues in Business | 3 hrs | |
| COM 100: Introduction to Human Communication or COM 225: Public Speaking or COM 230: Small Group Communication or COM 259: Communication in Business and Professions | 0-3 hrs  | If COM225 is selected, it may be also be applied to meet Literacy and Critical Inquiry [L]. |
| GBS 221: Business Statistics | 3 hrs  | |
| MAT 217: Mathematical Analysis for Business or MAT 218: Mathematical Analysis for Business | 3-4 hrs | |
| PSY Course | 3 hrs | Select a course that transfers to ASU with the PSY prefix and SB designation. Check the Course Equivalency Guide on aztransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| SOC Course | 3 hrs | Select a course that transfers to ASU with the SOC prefix and SB designation. Check the Course Equivalency Guide on aztransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| Lower Division Elective | 0-6 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 62





Pathway Agreement


Print




Maricopa Community College District Business (Sports Business), BA Pathway 2020-2021



ASU Major: [Business \(Sports Business\), BA | W. P. Carey School of Business](#)





Pathway Requirements



| | |
|--|---|
| First Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL |   3 hrs |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL |   3 hrs |



| | | |
|---|---|--|
| Literacy and Critical Inquiry [L] Literacy and Critical Inquiry [L] | 3 hrs  | If COM225 is selected, it may also be applied to meet COM in the Additional Lower Division Requirements. If GBS233 is selected, it may also be applied as a Business Elective. |
|---|---|--|

| | |
|---|--|
| Mathematical Studies [MA, CS] MAT 212: Brief Calculus or MAT 213: Brief Calculus | 3-4 hrs  |
| CIS 105: Survey of Computer Information Systems | 3 hrs   |

| | |
|--|--|
| Humanities, Arts, and Design [HU] Humanities, Arts, and Design | 3 hrs  |
| Humanities, Arts, and Design | 3 hrs  |

| | |
|--|--|
| Social-Behavioral Science [SB] ECN 211: Macroeconomic Principles | 3 hrs   |
| ECN 212: Microeconomic Principles | 3 hrs   |

| | | |
|---|--|--|
| Natural Science [SQ, SG] Natural Science [SQ, SG] | 4 hrs  | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs  | |

| | |
|--|--|
| General Education Awareness Areas [C, H, G] Cultural Diversity in the U.S. [C] | 0-3 hrs  |
| Historical or Global Awareness [H] or [G] | 0-3 hrs  |

MCCCD Additional Requirements

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements




This degree program requires meeting W. P. Carey Bachelor of Arts admission requirements. A 3.0 cumulative transfer GPA as calculated by ASU Admission Services is required. A 3.0 cumulative ASU GPA is also required for students who previously attended ASU.

Completion of the MAPP and all admission requirements satisfies the requirements for the MCCCDC Associate in Business, General Requirements degree and AGECE-B, meets major map requirements at ASU, and guarantees admission into a W. P. Carey Bachelor of Arts degree program.

Only 64 credits are transferable to ASU. For more information: <https://transfer.asu.edu/credits>.

| | | |
|-------------------------|---------|--|
| ABUS Business Electives | 0-6 hrs | Select two courses from the following: CIS 114DE, CIS133DA, CIS 162AD, GBS 151, GBS 233, GBS 220, (GBS 110 OR MGT 251), IBS 101, MGT 253, MKT 271, PAD 100, REA 179, REA 180, or SBU 200. If GBS233 is selected, it may also be applied to meet Literacy and Critical Inquiry [L]. |
|-------------------------|---------|--|

Additional Lower Division Requirements

| | | |
|---|---------|---|
| ACC 111: Accounting Principles I and ACC 230: Uses of Accounting Information and ACC 240: Uses of Accounting Information OR | 6-9 hrs |  |
| ACC 111: Accounting Principles I and ACC 112: Accounting Principles II and ACC 212: Managerial Accounting OR | | |
| ACC 211: Financial Accounting and ACC 212: Managerial Accounting | | |
| MAT 217: Mathematical Analysis for Business or MAT 218: Mathematical Analysis for Business | 3-4 hrs | |
| GBS 221: Business Statistics | 3 hrs |  |
| GBS 205: LEGAL, ETHICAL/REGULATORY ISSUES/BUS | 3 hrs | |
| COM 100: Introduction to Human Communication or COM 225: Public Speaking or COM 230: Small Group Communication or COM 259: COMM IN BUSINESS & PROFESSIONS | 0-3 hrs |  If COM225 is selected, it may be also be applied to meet Literacy and Critical Inquiry [L]. |
| PSY Course | 3 hrs | Select a course that transfers to ASU with the PSY prefix and SB designation. Check the Course Equivalency Guide on aztransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| SOC Course | 3 hrs | Select a course that transfers to ASU with the SOC prefix and SB designation. Check the Course Equivalency Guide on aztransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| Lower Division Elective | 0-6 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 62





Pathway Agreement

Print



Maricopa Community College District
Business (Statistics), BA Pathway
2020-2021



ASU Major: **Business (Statistics), BA | W. P. Carey School of Business**




Pathway Requirements



| | |
|--|---|
| First Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL |   3 hrs |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL |   3 hrs |



| | | |
|---|-------|--|
| Literacy and Critical Inquiry [L] Literacy and Critical Inquiry [L] | 3 hrs | If COM 225 is selected, it may also be applied to meet COM in the Additional Lower Division Requirements. If GBS 233 is selected, it may also be applied as a Business Elective. |
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|---|---|
| Mathematical Studies [MA, CS] MAT 212: Brief Calculus or MAT 213: Brief Calculus |  3-4 hrs |
| CIS 105: Survey of Computer Information Systems |  3 hrs |

| | |
|---|---|
| Humanities, Arts, and Design [HU] Humanities, Arts, and Design [HU] |  3 hrs |
| Humanities, Arts, and Design [HU] |  3 hrs |

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|--|---|
| Social-Behavioral Science [SB] ECN 211: Macroeconomic Principles |  3 hrs |
| ECN 212: Microeconomic Principles |   3 hrs |

| | | |
|---|---|--|
| Natural Science [SQ, SG] Natural Science [SQ, SG] |  4 hrs | Select at least one [SQ] within the Natural Science requirement. |
| Natural Science [SQ, SG] |  4 hrs | |

| | |
|--|---|
| General Education Awareness Areas [C, H, G] Cultural Diversity in the U.S. [C] |  0-3 hrs |
| Historical or Global Awareness [H] or [G] |  0-3 hrs |

MCCCD Additional Requirements

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.


Special Requirements

This degree program requires meeting W. P. Carey Bachelor of Arts admission requirements. A 3.0 cumulative transfer GPA as calculated by ASU Admission Services is required. A 3.0 cumulative ASU GPA is also required for students who previously attended ASU.

Completion of the MAPP and all admission requirements satisfies the requirements for the MCCCDC Associate in Business, General Requirements degree and AGEC-B, meets major map requirements at ASU, and guarantees admission into a W. P. Carey Bachelor of Arts degree program.

Only 64 credits are transferable to ASU. For more information: <https://transfer.asu.edu/credits>.

| | | |
|-------------------------|---------|--|
| ABUS Business Electives | 0-6 hrs | Select two courses from the following: CIS 114DE, CIS133DA, CIS 162AD, GBS 151, GBS 233, GBS 220, (GBS 110 OR MGT 251), IBS 101, MGT 253, MKT 271, PAD 100, REA 179, REA 180, or SBU 200. If GBS233 is selected, it may also be applied to meet Literacy and Critical Inquiry [L]. |
|-------------------------|---------|--|

| | | |
|---|---------|---|
| Additional Lower Division Requirements ACC 111: Accounting Principles I and ACC 230: Uses of Accounting Information I and ACC 240: Uses of Accounting Information II OR ACC 111: Accounting Principles I and ACC 112: Accounting Principles II and ACC 212: Managerial Accounting OR ACC 211: Financial Accounting and ACC 212: Managerial Accounting | 6-9 hrs |  |
| COM 100: Introduction to Human Communication OR COM 225: Public Speaking OR COM 230: Small Group Communication OR COM 259: Communication in Business and Professions | 0-3 hrs | If COM 225 is selected, it may be also be applied to meet Literacy and Critical Inquiry [L]. |
| GBS 205: Legal, Ethical, and Regulatory Issues in Business | 3 hrs | |
| GBS 221: Business Statistics | 3 hrs | |
| MAT 217: Mathematical Analysis for Business or MAT 218: Mathematical Analysis for Business | 3-4 hrs | |
| PSY Course | 3 hrs | Select a course that transfers to ASU with the PSY prefix and SB designation. Check the Course Equivalency Guide on aztransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| SOC Course | 3 hrs | Select a course that transfers to ASU with the SOC prefix and SB designation. Check the Course Equivalency Guide on aztransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| Lower Division Elective | 0-6 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 62





Pathway Agreement


Print




Maricopa Community College District Business (Sustainability), BA Pathway 2020-2021



ASU Major: [Business \(Sustainability\), BA | W. P. Carey School of Business](#)





Pathway Requirements



| | |
|--|---|
| First Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL |   3 hrs |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL |   3 hrs |



| | | |
|---|--|--|
| Literacy and Critical Inquiry [L] Literacy and Critical Inquiry [L] |  3 hrs | If COM225 is selected, it may also be applied to meet COM in the Additional Lower Division Requirements. If GBS233 is selected, it may also be applied as a Business Elective. |
|---|--|--|

| | |
|---|---|
| Mathematical Studies [MA, CS] MAT 212: Brief Calculus or MAT 213: Brief Calculus |  3-4 hrs |
| CIS 105: Survey of Computer Information Systems |   3 hrs |

| | |
|--|---|
| Humanities, Arts, and Design [HU] Humanities, Arts, and Design |  3 hrs |
| Humanities, Arts, and Design |  3 hrs |

| | |
|--|---|
| Social-Behavioral Science [SB] ECN 211: Macroeconomic Principles |   3 hrs |
| ECN 212: Microeconomic Principles |   3 hrs |

| | | |
|---|---|--|
| Natural Science [SQ, SG] Natural Science [SQ, SG] |  4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] |  4 hrs | |

| | |
|--|---|
| General Education Awareness Areas [C, H, G] Cultural Diversity in the U.S. [C] |  0-3 hrs |
| Historical or Global Awareness [H] or [G] |  0-3 hrs |

MCCCD Additional Requirements

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements




This degree program requires meeting W. P. Carey Bachelor of Arts admission requirements. A 3.0 cumulative transfer GPA as calculated by ASU Admission Services is required. A 3.0 cumulative ASU GPA is also required for students who previously attended ASU.

Completion of the MAPP and all admission requirements satisfies the requirements for the MCCCDC Associate in Business, General Requirements degree and AGECE-B, meets major map requirements at ASU, and guarantees admission into a W. P. Carey Bachelor of Arts degree program.

Only 64 credits are transferable to ASU. For more information: <https://transfer.asu.edu/credits>.

| | | |
|-------------------------|---------|--|
| ABUS Business Electives | 0-6 hrs | Select two courses from the following: CIS 114DE, CIS133DA, CIS 162AD, GBS 151, GBS 233, GBS 220, (GBS 110 OR MGT 251), IBS 101, MGT 253, MKT 271, PAD 100, REA 179, REA 180, or SBU 200. If GBS233 is selected, it may also be applied to meet Literacy and Critical Inquiry [L]. |
|-------------------------|---------|--|

Additional Lower Division Requirements

| | | |
|---|--|---|
| ACC 111: Accounting Principles I and ACC 230: Uses of Accounting Information and ACC 240: Uses of Accounting Information OR ACC 111: Accounting Principles I and ACC 112: Accounting Principles II and ACC 212: Managerial Accounting OR ACC 211: Financial Accounting and ACC 212: Managerial Accounting | 6-9 hrs  | |
| GBS 205: LEGAL, ETHICAL/REGULATORY ISSUES/BUS | 3 hrs | |
| GBS 221: Business Statistics | 3 hrs  | |
| COM 100: Introduction to Human Communication or COM 225: Public Speaking or COM 230: Small Group Communication or COM 259: COMM IN BUSINESS & PROFESSIONS | 0-3 hrs  | If COM225 is selected, it may be also be applied to meet Literacy and Critical Inquiry [L]. |
| MAT 217: Mathematical Analysis for Business or MAT 218: Mathematical Analysis for Business | 3-4 hrs | |
| PSY Course | 3 hrs | Select a course that transfers to ASU with the PSY prefix and SB designation. Check the Course Equivalency Guide on aztransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| SOC Course | 3 hrs | Select a course that transfers to ASU with the SOC prefix and SB designation. Check the Course Equivalency Guide on aztransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| Lower Division Elective | 0-6 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 62





Pathway Agreement


Print




Maricopa Community College District Business (Technology), BA Pathway 2020-2021



ASU Major: [Business \(Technology\), BA | W. P. Carey School of Business](#)





Pathway Requirements



| | |
|--|---|
| First Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL |   3 hrs |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL |   3 hrs |



| | | |
|---|---|--|
| Literacy and Critical Inquiry [L] Literacy and Critical Inquiry [L] | 3 hrs  | If COM225 is selected, it may also be applied to meet COM in the Additional Lower Division Requirements. If GBS233 is selected, it may also be applied as a Business Elective. |
|---|---|--|

| | |
|---|--|
| Mathematical Studies [MA, CS] MAT 212: Brief Calculus or MAT 213: Brief Calculus | 3-4 hrs  |
| CIS 105: Survey of Computer Information Systems | 3 hrs   |

| | |
|--|--|
| Humanities, Arts, and Design [HU] Humanities, Arts, and Design | 3 hrs  |
| Humanities, Arts, and Design | 3 hrs  |

| | |
|--|--|
| Social-Behavioral Science [SB] ECN 211: Macroeconomic Principles | 3 hrs   |
| ECN 212: Microeconomic Principles | 3 hrs   |

| | | |
|---|--|--|
| Natural Science [SQ, SG] Natural Science [SQ, SG] | 4 hrs  | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs  | |

| | |
|--|--|
| General Education Awareness Areas [C, H, G] Cultural Diversity in the U.S. [C] | 0-3 hrs  |
| Historical or Global Awareness [H] or [G] | 0-3 hrs  |

MCCCD Additional Requirements

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements




This degree program requires meeting W. P. Carey Bachelor of Arts admission requirements. A 3.0 cumulative transfer GPA as calculated by ASU Admission Services is required. A 3.0 cumulative ASU GPA is also required for students who previously attended ASU.

Completion of the MAPP and all admission requirements satisfies the requirements for the MCCCDC Associate in Business, General Requirements degree and AGECE-B, meets major map requirements at ASU, and guarantees admission into a W. P. Carey Bachelor of Arts degree program.

Only 64 credits are transferable to ASU. For more information: <https://transfer.asu.edu/credits>.

| | | |
|-------------------------|---------|--|
| ABUS Business Electives | 0-6 hrs | Select two courses from the following: CIS 114DE, CIS133DA, CIS 162AD, GBS 151, GBS 233, GBS 220, (GBS 110 OR MGT 251), IBS 101, MGT 253, MKT 271, PAD 100, REA 179, REA 180, or SBU 200. If GBS233 is selected, it may also be applied to meet Literacy and Critical Inquiry [L]. |
|-------------------------|---------|--|

Additional Lower Division Requirements

| | | |
|--|--|---|
| ACC 111: Accounting Principles I and ACC 230: Uses of Accounting Information and ACC 240: Uses of Accounting Information OR ACC 111: Accounting Principles I and ACC 112: Accounting Principles II and ACC 212: Managerial Accounting OR ACC 211: Financial Accounting and ACC 212: Managerial Accounting | 6-9 hrs  | |
| MAT 217: Mathematical Analysis for Business or MAT 218: Mathematical Analysis for Business | 3-4 hrs | |
| GBS 205: LEGAL, ETHICAL/REGULATORY ISSUES/BUS | 3 hrs | |
| GBS 221: Business Statistics | 3 hrs  | |
| COM 100: Introduction to Human Communication or COM 225: Public Speaking or COM 230: Small Group Communication or COM 259: COMM IN BUSINESS & PROFESSIONS | 0-3 hrs  | If COM225 is selected, it may be also be applied to meet Literacy and Critical Inquiry [L]. |
| PSY Course | 3 hrs | Select a course that transfers to ASU with the PSY prefix and SB designation. Check the Course Equivalency Guide on aztransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| SOC Course | 3 hrs | Select a course that transfers to ASU with the SOC prefix and SB designation. Check the Course Equivalency Guide on aztransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| Lower Division Elective | 0-6 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 62





Pathway Agreement


Print




Maricopa Community College District
Business (Tourism), BA Pathway
2020-2021



ASU Major: **Business (Tourism), BA | W. P. Carey School of Business**





Pathway Requirements



| | |
|--|---|
| First Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL |   3 hrs |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL |   3 hrs |



| | | |
|---|---|--|
| Literacy and Critical Inquiry [L] Literacy and Critical Inquiry [L] | 3 hrs  | If COM225 is selected, it may also be applied to meet COM in the Additional Lower Division Requirements. If GBS233 is selected, it may also be applied as a Business Elective. |
|---|---|--|

| | |
|---|--|
| Mathematical Studies [MA, CS] MAT 212: Brief Calculus or MAT 213: Brief Calculus | 3-4 hrs  |
| CIS 105: Survey of Computer Information Systems | 3 hrs   |

| | |
|--|--|
| Humanities, Arts, and Design [HU] Humanities, Arts, and Design | 3 hrs  |
| Humanities, Arts, and Design | 3 hrs  |

| | |
|--|--|
| Social-Behavioral Science [SB] ECN 211: Macroeconomic Principles | 3 hrs   |
| ECN 212: Microeconomic Principles | 3 hrs   |

| | | |
|---|--|--|
| Natural Science [SQ, SG] Natural Science [SQ, SG] | 4 hrs  | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs  | |

| | |
|--|--|
| General Education Awareness Areas [C, H, G] Cultural Diversity in the U.S. [C] | 0-3 hrs  |
| Historical or Global Awareness [H] or [G] | 0-3 hrs  |

MCCCD Additional Requirements

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements




This degree program requires meeting W. P. Carey Bachelor of Arts admission requirements. A 3.0 cumulative transfer GPA as calculated by ASU Admission Services is required. A 3.0 cumulative ASU GPA is also required for students who previously attended ASU.

Completion of the MAPP and all admission requirements satisfies the requirements for the MCCC Associate in Business, General Requirements degree and AGECE-B, meets major map requirements at ASU, and guarantees admission into a W. P. Carey Bachelor of Arts degree program.

Only 64 credits are transferable to ASU. For more information: <https://transfer.asu.edu/credits>.

| | | |
|-------------------------|---------|--|
| ABUS Business Electives | 0-6 hrs | Select two courses from the following: CIS 114DE, CIS133DA, CIS 162AD, GBS 151, GBS 233, GBS 220, (GBS 110 OR MGT 251), IBS 101, MGT 253, MKT 271, PAD 100, REA 179, REA 180, or SBU 200. If GBS233 is selected, it may also be applied to meet Literacy and Critical Inquiry [L]. |
|-------------------------|---------|--|

Additional Lower Division Requirements

| | | |
|---|--|---|
| ACC 111: Accounting Principles I and ACC 230: Uses of Accounting Information and ACC 240: Uses of Accounting Information OR ACC 111: Accounting Principles I and ACC 112: Accounting Principles II and ACC 212: Managerial Accounting OR ACC 211: Financial Accounting and ACC 212: Managerial Accounting | 6-9 hrs  | |
| MAT 217: Mathematical Analysis for Business or MAT 218: Mathematical Analysis for Business | 3-4 hrs | |
| GBS 205: Legal, Ethical, and Regulatory Issues in Business | 3 hrs | |
| GBS 221: Business Statistics | 3 hrs  | |
| COM 100: Introduction to Human Communication or COM 225: Public Speaking or COM 230: Small Group Communication or COM 259: Communication in Business and Professions | 0-3 hrs  | If COM225 is selected, it may be also be applied to meet Literacy and Critical Inquiry [L]. |
| PSY Course | 3 hrs | Select a course that transfers to ASU with the PSY prefix and SB designation. Check the Course Equivalency Guide on aztransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| SOC Course | 3 hrs | Select a course that transfers to ASU with the SOC prefix and SB designation. Check the Course Equivalency Guide on aztransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| Lower Division Elective | 0-6 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 62





Pathway Agreement


Print




Maricopa Community College District Business Data Analytics, BS Pathway 2020-2021



ASU Major: [Business Data Analytics, BS | W. P. Carey School of Business](#)



Pathway Requirements



| | |
|---|--|
| First Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL | 3 hrs   |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL | 3 hrs   |



| | | |
|--|---|---|
| Literacy and Critical Inquiry [L] Literacy and Critical Inquiry [L] | 3 hrs  | If COM 225 is selected, it may also be applied to meet COM in the Additional Lower Division Requirements. |
|--|---|---|

| | |
|--|--|
| Mathematical Studies [MA, CS] MAT 212: Brief Calculus or MAT 213: Brief Calculus | 3-4 hrs  |
| CIS 105: Survey of Computer Information Systems | 3 hrs   |

| | |
|---|--|
| Humanities, Arts, and Design [HU] Humanities, Arts, and Design | 3 hrs  |
| Humanities, Arts, and Design | 3 hrs  |

| | |
|---|--|
| Social-Behavioral Science [SB] ECN 211: Macroeconomic Principles | 3 hrs  |
| ECN 212: Microeconomic Principles | 3 hrs  |

| | | |
|--|--|--|
| Natural Science [SQ, SG] Natural Science [SQ, SG] | 4 hrs  | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs  | |

| | |
|---|--|
| General Education Awareness Areas [C, H, G] Cultural Diversity in the U.S. [C] | 0-3 hrs  |
| Historical or Global Awareness [H] or [G] | 0-3 hrs  |

| | |
|---|-------|
| MCCCD Additional Requirements CIS 162AD: C#: Level I | 3 hrs |
| CIS 250: Management INFORMATION SYSTEM | 3 hrs |

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

This degree program requires meeting W. P. Carey Bachelor of Science admission requirements. A 3.0 cumulative transfer GPA as calculated by ASU Admission Services is required. A 3.0 cumulative ASU GPA is also required for students who previously attended ASU.






Students must also meet one of the following:

- 1230 SAT (March 2016 and after) or 1160 SAT (before March 2016), not including writing portion
- 25 ACT composite, not including writing portion
- Top 8% high school class rank
- 3.60 unweighted GPA in high school competency courses (A=4.00)

Completion of the MAPP and all admission requirements satisfies the requirements for the MCCC Associate in Business, Special Requirements degree and AGEC-B, meets major map requirements at ASU, and guarantees admission into a W. P. Carey Bachelor of Science degree program.

Only 64 credits are transferable to ASU. For more information:
<https://transfer.asu.edu/credits>.

Additional Lower Division Requirements

| | | |
|--|--|--|
| ACC 111: Accounting Principles I and ACC 230: Uses of Accounting Information and ACC 240: Uses of Accounting Information OR ACC 111: Accounting Principles I and ACC 112: Accounting Principles II and ACC 212: Managerial Accounting OR ACC 211: Financial Accounting and ACC 212: Managerial Accounting | 6-9 hrs  | |
| GBS 205: Legal, Ethical, and Regulatory Issues in Business | 3 hrs | |
| GBS 221: Business Statistics | 3 hrs  | |
| MAT 217: Mathematical Analysis for Business or MAT 218: Mathematical Analysis for Business | 3-4 hrs | |
| COM 100: Introduction to Human Communication or COM 225: Public Speaking or COM 230: Small Group Communication or COM 259: Communication in Business and Professions | 0-3 hrs  | If COM 225 is selected, it may be also be applied to meet Literacy and Critical Inquiry [L]. |
| PSY Course | 3 hrs  | Select a course that transfers to ASU with the PSY prefix and SB designation. Check the Course Equivalency Guide on aztransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| SOC Course | 3 hrs  | Select a course that transfers to ASU with the SOC prefix and SB designation. Check the Course Equivalency Guide on aztransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |

Total Required Credits: 62





Pathway Agreement


Print




Maricopa Community College District Business Entrepreneurship, BS Pathway 2020-2021



ASU Major: [Business Entrepreneurship, BS | W. P. Carey School of Business](#)





Pathway Requirements



| | |
|---|--|
| First Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL | 3 hrs   |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL | 3 hrs   |



| | | |
|--|---|--|
| Literacy and Critical Inquiry [L] Literacy and Critical Inquiry [L] | 3 hrs  | If COM 225 is selected, it may also be applied to meet COM in the Additional Lower Division Requirements. If GBS 233 is selected, it may also be applied as a Business Elective. |
|--|---|--|

| | |
|--|--|
| Mathematical Studies [MA, CS] MAT 212: Brief Calculus or MAT 213: Brief Calculus | 3-4 hrs  |
| CIS 105: Survey of Computer Information Systems | 3 hrs   |

| | |
|---|--|
| Humanities, Arts, and Design [HU] Humanities, Arts, and Design | 3 hrs  |
| Humanities, Arts, and Design | 3 hrs  |

| | |
|---|--|
| Social-Behavioral Science [SB] ECN 211: Macroeconomic Principles | 3 hrs   |
| ECN 212: Microeconomic Principles | 3 hrs   |

| | | |
|--|--|--|
| Natural Science [SQ, SG] Natural Science [SQ, SG] | 4 hrs  | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs  | |

| | |
|---|--|
| General Education Awareness Areas [C, H, G] Cultural Diversity in the U.S. [C] | 0-3 hrs  |
| Historical or Global Awareness [H] or [G] | 0-3 hrs  |

MCCCD Additional Requirements

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

This degree program requires meeting W. P. Carey Bachelor of Science admission requirements. A 3.0 cumulative transfer GPA as calculated by ASU Admission Services is required. A 3.0 cumulative ASU GPA is also required for students who previously attended ASU.

Students must also meet one of the following:

- 1230 SAT (March 2016 and after) or 1160 SAT (before March 2016), not including writing portion
- 25 ACT composite, not including writing portion
- Top 8% high school class rank
- 3.60 unweighted GPA in high school competency courses (A=4.00)






Completion of the MAPP and all admission requirements satisfies the requirements for the MCCC Associate in Business, General Requirements degree and AGECE-B, meets major map requirements at ASU, and guarantees admission into a W. P. Carey Bachelor of Science degree program.

Only 64 credits are transferable to ASU. For more information:

<https://transfer.asu.edu/credits>.

| | | |
|--------------------------------|----------------|--|
| ABUS Business Electives | 0-6 hrs | Select two courses from the following: CIS 114DE, CIS133DA, CIS 162AD, GBS 151, GBS 233, GBS 220, (GBS 110 OR MGT 251), IBS 101, MGT 253, MKT 271, PAD 100, REA 179, REA 180, or SBU 200. If GBS233 is selected, it may also be applied to meet Literacy and Critical Inquiry [L]. |
|--------------------------------|----------------|--|

Additional Lower Division Requirements

| | | |
|---|--|--|
| ACC 111: Accounting Principles I and ACC 230: Uses of Accounting Information and ACC 240: Uses of Accounting Information OR ACC 111: Accounting Principles I and ACC 112: Accounting Principles II and ACC 212: Managerial Accounting OR ACC 211: Financial Accounting and ACC 212: Managerial Accounting | 6-9 hrs  | |
| MAT 217: Mathematical Analysis for Business or MAT 218: Mathematical Analysis for Business | 3-4 hrs | |
| GBS 205: LEGAL, ETHICAL/REGULATORY ISSUES/BUS | 3 hrs | |
| GBS 221: Business Statistics | 3 hrs  | |
| COM 100: Introduction to Human Communication or COM 225: Public Speaking or COM 230: Small Group Communication or COM 259: COMM IN BUSINESS & PROFESSIONS | 0-3 hrs  | If COM225 is selected, it may be also be applied to meet Literacy and Critical Inquiry [L]. |
| PSY Course (SB) | 3 hrs  | MGT320 (required for this major at ASU) requires a prerequisite of PSY101 or SOC101. |
| SOC Course (SB) | 3 hrs  | MGT320 (required for this major at ASU) requires a prerequisite of PSY101 or SOC101. |
| Lower Division Elective | 0-6 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 62

Pathway Agreement

Print

Maricopa Community College District Chemical Engineering, BSE Pathway 2020-2021

ASU Major: [Chemical Engineering, BSE | Ira A. Fulton Schools of Engineering](#)

Pathway Requirements

| | |
|--|--|
| Engineering Core ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL | 3 hrs   |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL | 3 hrs   |
| ECE 102: Engineering Analysis Tools and Techniques or ECE 102AA: Engineering Analysis Tools and Techniques AND | 4 hrs  |
| ECE 103: Engineering Problem Solving and Design or ECE 103AB: Engineering Problem Solving and Design or ECE 103EP: Engineering Problem Solving and Design | |
| MAT 220: Calculus with Analytic Geometry I or MAT 221: Calculus with Analytic Geometry I | 4-5 hrs   |
| MAT 230: Calculus with Analytic Geometry II or MAT 231: Calculus with Analytic Geometry II | 4-5 hrs   |
| MAT 240: Calculus with Analytic Geometry III or MAT 241: Calculus with Analytic Geometry III | 4-5 hrs   |
| MAT 277: Modern Differential Equations or MAT 276: Modern Differential Equations | 3-4 hrs  |
| CHM 150: General Chemistry I and CHM 151LL: General Chemistry I Laboratory OR | 4-5 hrs   |
| CHM 151: General Chemistry I and CHM 151LL: General Chemistry I Laboratory OR | |
| CHM 150AA: General Chemistry I or CHM 151AA: General Chemistry I | |
| CHM 152: General Chemistry II and CHM 152LL: General Chemistry II Laboratory | 4 hrs   |
| PHY 121: UNIVERSITY PHYSICS I: MECHANICS or PHY 115: University Physics I | 4-5 hrs   |
| PHY 131: University Physics II: Electricity and Magnetism or PHY 116: University Physics II | 4-5 hrs   |
| Humanities, Arts, and Design and AGEC Awareness Areas | 3 hrs  |
| Social-Behavioral Science and AGEC Awareness Areas | 3 hrs  |
| | Take one course that satisfies Humanities, Arts, and Design AND an Awareness Area requirement. |
| | Take one course that satisfies Social-Behavioral Science AND an Awareness Area requirement. |

Pathway Notes




There are no notes for this pathway

Special Requirements

Completion of the Maricopa to ASU Engineering Pathway and all special requirements meets ASU major map requirements for the Chemical Engineering degree program. A3.0 transfer GPA as calculated by ASU for admissions is required. All courses must be completed with a grade of "C" or better. While requirements listed will meet ASU degree requirements, only 64 credit hours are transferable to ASU. Engineering Core Courses should be completed prior to enrolling in any additional lower division requirement courses.

Note: Students interested in completing the BSE Chemical Engineering degree in two additional years at ASU, must complete CHE 211 and CHE 231 through concurrent-enrollment or in the summer prior to admission. Students are strongly encouraged to contact the SEMTE Advising Office at (480)965-2335 to meet with an academic advisor upon enrollment into a MAPP at the community college.

Additional Lower Division Requirements

| | | |
|--|--|---|
| CHM 235: General Organic Chemistry I and CHM 235LL: General Organic Chemistry I L | 4 hrs  | |
| CHM 236: General Organic Chemistry IIA | 3 hrs  | |
| MAT 225: Elementary Linear Algebra | | 3 hrs Complete additional lower division requirements not to exceed 64 total transfer credits. Students should take MAT 225, CHM 235/235LL and CHM 236 before additional lower division requirements. |
| BIO 181: General Biology (Majors) I or BIO 181XT: General Biology (Majors) I or BIO 182: General Biology (Majors) II or BIO 201: Human Anatomy and Physiology I or BIO 205: Microbiology or BIO 220: Biology of Microorganisms or ECE 111: Bioengineering Systems | 3-4 hrs  | |
| Humanities, Arts, and Design and AGEC Awareness Areas | | 0-3 hrs Can be completed after transfer to ASU |
| Social-Behavioral Science and AGEC Awareness Areas | | 0-3 hrs Can be completed after transfer to ASU |
| ECE 104: EPICS Gold I | | 0-2 hrs EPICS is Engineering Projects in Community Service. Students who complete ECE 104 may continue the EPICS sequence at ASU. Consult with Engineering faculty and/or STEM advisors to learn more about EPICS. |

Total Required Credits: 60

Pathway Agreement

Print

Maricopa Community College District Chemistry, BA Pathway 2020-2021

ASU Major: [Chemistry, BA | College of Liberal Arts and Sciences](#)

Pathway Requirements

First-Year Composition [FYC]

ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL



ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL



Literacy and Critical Inquiry [L]

Literacy and Critical Inquiry [L]

0-3 hrs



Recommend selecting a course that satisfies Literacy and Critical Inquiry, Social-Behavioral Sciences, Humanities and Fine Arts, COM, or CRE 101 requirements simultaneously.

Mathematical Studies [MA]

MAT 220: Calculus with Analytic Geometry I
or
MAT 221: Calculus with Analytic Geometry I



Humanities, Arts, and Design [HU]

Humanities, Arts, and Design

3 hrs



See note regarding Literacy and Critical Inquiry for 3 of the 6 required HU hours.

Humanities, Arts, and Design

3 hrs



Social-Behavioral Science [SB]

Social-Behavioral Science

3 hrs



See note regarding Literacy and Critical Inquiry for 3 of the 6 required SB hours.

Social-Behavioral Science

3 hrs



Natural Science [SQ, SG]

CHM 150: General Chemistry I and
CHM 151LL: General Chemistry I Laboratory
OR



CHM 150AA: General Chemistry I OR

CHM 151: General Chemistry I and
CHM 151LL: General Chemistry I Laboratory
OR

CHM 151AA: General Chemistry I

CHM 152: General Chemistry II and
CHM 152LL: General Chemistry II
Laboratory OR



CHM 152AA: General Chemistry II




Subject Options



Pathway Notes


Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.




Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Science degree and AGEC-S, meets major map requirements at ASU, and guarantees admission to the Chemistry B.A. degree program.

| | | | |
|-----------------------------|-------|---|---|
| PHY 111: General Physics I | 4 hrs |  |  |
| PHY 112: General Physics II | 4 hrs | |  |

| | | | |
|---|---------|---|--|
| General Education Awareness Areas [C, H, G] Cultural Diversity in the U.S. [C] | 0-3 hrs |  | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs |  | |

| | | | |
|--|---------|---|--|
| MCCCD Additional Requirements COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs |  | COM 225 may also be used to satisfy Literacy and Critical Inquiry (L) general studies requirement. |
| CRE 101: College Critical Reading | 0-3 hrs | | Complete CRE 101 or equivalent. |

| | | | |
|--|-------|---|--|
| Additional Lower Division Requirements CHM 235: General Organic Chemistry I and CHM 235LL: General Organic Chemistry I L | 4 hrs |  | |
| CHM 236: General Organic Chemistry IIA and CHM 236LL: General Organic Chemistry IIA | 4 hrs |  | |
| MAT 231: Calculus with Analytic Geometry II | 4 hrs |  | |

| | | | |
|--|----------|--|---|
| Lower Division Second Language: Requirement satisfied through the following: Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 0-16 hrs | | May be completed after transfer to ASU. Select 101, 102, 201, 202 as needed to reach 4th semester proficiency. You may select specific courses from the Course Equivalency Guide that satisfy these criteria. Determination is made based on the semester and year the course is taken. Proficiency exams to test out of the second language requirement are available for select languages. More information can be found here: https://silc.asu.edu/student-life/academic-advising/placement-testing/placement-testing-undergraduates |
| Lower Division Elective | 0-10 hrs | | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60

Pathway Agreement

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Maricopa Community College District Chemistry, BS Pathway 2020-2021

ASU Major: [Chemistry, BS | College of Liberal Arts and Sciences](#)

Pathway Requirements

First-Year Composition [FYC]

ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL



ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL



Literacy and Critical Inquiry [L]

Literacy and Critical Inquiry [L]

0-3 hrs



Recommend selecting a course that satisfies Literacy & Critical Inquiry, Social-Behavioral Sciences, Humanities & Fine Arts, COM, or CRE 101 requirements simultaneously.

Mathematical Studies [MA]

MAT 220: Calculus with Analytic Geometry I
or
MAT 221: Calculus with Analytic Geometry I



Humanities, Arts, and Design [HU]

Humanities, Arts, and Design [HU]

3 hrs



See note regarding Literacy and Critical Inquiry for 3 of the 6 required HU hours.

Humanities, Arts, and Design [HU]

3 hrs



Social-Behavioral Science [SB]

Social-Behavioral Science [SB]

3 hrs



See note regarding Literacy and Critical Inquiry for 3 of the 6 required SB hours.

Social-Behavioral Science [SB]

3 hrs



Natural Science [SQ, SG]

CHM 150: General Chemistry I and
CHM 151LL: General Chemistry I Laboratory
OR



CHM 150AA: General Chemistry I OR

CHM 151: General Chemistry I and
CHM 151LL: General Chemistry I Laboratory
OR

CHM 151AA: General Chemistry I

CHM 152: General Chemistry II and
CHM 152LL: General Chemistry II
Laboratory OR



CHM 152AA: General Chemistry II





Pathway Notes



Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.


Special Requirements





The recommended MCCCDC associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Science, Emphasis in Chemistry degree and AGEC-S. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Chemistry, BS degree program.

Subject Options

| | |
|--|--|
| MAT 230: Calculus with Analytic Geometry II or MAT 231: Calculus with Analytic Geometry II | 4-5 hrs   |
| MAT 240: Calculus with Analytic Geometry III or MAT 241: Calculus with Analytic Geometry III | 4-5 hrs   |

| | |
|---|--|
| General Education Awareness Areas [C, H, G] Cultural Diversity in the U.S. [C] | 0-3 hrs  |
| Historical or Global Awareness [H] or [G] | 0-3 hrs  |

| | | |
|---|--|---|
| MCCCD Additional Requirements | | |
| COM 100: Introduction to Human Communication OR | 0-3 hrs  | COM 225 may be used to satisfy Literacy and Critical Inquiry (L) general studies requirement. |
| COM 110: Interpersonal Communication OR | | |
| COM 225: Public Speaking OR | | |
| COM 230: Small Group Communication | | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

| | | |
|---|--|--|
| Additional Lower Division Requirements | | |
| CHM 235: General Organic Chemistry I and CHM 235LL: General Organic Chemistry I Laboratory | 4 hrs  | |
| CHM 236: General Organic Chemistry IIA and CHM 236LL: General Organic Chemistry IIA | 4 hrs  | |
| MAT 225: Elementary Linear Algebra | 3 hrs | An equivalent to CHM 240 is not offered at AZ Community Colleges. Some units of "elective" on ASU's Major Map will be satisfied by Linear Algebra and Differential Equations for the AZ community college student. |
| MAT 276: Modern Differential Equations or MAT 277: Modern Differential Equations | 3-4 hrs | An equivalent to CHM 240 is not offered at AZ Community Colleges. Some units of "elective" on ASU's Major Map will be satisfied by Linear Algebra and Differential Equations for the AZ community college student. |
| PHY 115: University Physics I OR PHY 121: UNIVERSITY PHYSICS I: MECHANICS | 4-5 hrs  | |
| PHY 116: University Physics II OR PHY 131: University Physics II: Electricity and Magnetism | 4-5 hrs  | |
| Lower Division Elective | 0-4 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 64

Pathway Agreement

Print

Maricopa Community College District Chemistry (Environmental Chemistry), BS Pathway 2020-2021

ASU Major: [Chemistry \(Environmental Chemistry\), BS](#) | College of Liberal Arts and Sciences

Pathway Requirements

First-Year Composition [FYC]

ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL



3 hrs

ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL



3 hrs

Literacy and Critical Inquiry [L]

Literacy and Critical Inquiry [L]

0-3 hrs



Recommend selecting a course that satisfies Literacy & Critical Inquiry, Social-Behavioral Sciences, Humanities & Fine Arts, COM, or CRE 101 requirements simultaneously.

Mathematical Studies [MA]

MAT 220: Calculus with Analytic Geometry I
or
MAT 221: Calculus with Analytic Geometry I



4-5 hrs

Humanities, Arts, and Design [HU]

Humanities, Arts, and Design

3 hrs



See note regarding Literacy and Critical Inquiry for 3 of the 6 required HU hours.

Humanities, Arts, and Design

3 hrs



Social-Behavioral Science [SB]

Social-Behavioral Science

3 hrs



See note regarding Literacy and Critical Inquiry for 3 of the 6 required SB hours.

Social-Behavioral Science

3 hrs



Natural Science [SQ, SG]

CHM 150: General Chemistry I and
CHM 151LL: General Chemistry I Laboratory
OR



4-5 hrs

CHM 150AA: General Chemistry I OR

CHM 151: General Chemistry I and
CHM 151LL: General Chemistry I Laboratory
OR

CHM 151AA: General Chemistry I

CHM 152: General Chemistry II and
CHM 152LL: General Chemistry II
Laboratory OR



4 hrs

CHM 152AA: General Chemistry II


Subject Options



Pathway Notes


Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.


Special Requirements


The recommended MCCCDC associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Science, Emphasis in Chemistry degree and AGEC-S. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Chemistry (Environmental Chemistry), BS degree program.

MAT 230: Calculus with Analytic Geometry II 4-5 hrs
 or
 MAT 231: Calculus with Analytic Geometry II  


MAT 240: Calculus with Analytic Geometry III 4-5 hrs
 or
 MAT 241: Calculus with Analytic Geometry III  


General Education Awareness Areas [C, H, G]
 Cultural Diversity in the U.S. [C] 0-3 hrs 

Historical or Global Awareness [H] or [G] 0-3 hrs 

MCCCD Additional Requirements
 COM 100: Introduction to Human Communication OR 0-3 hrs 
 COM 110: Interpersonal Communication OR
 COM 225: Public Speaking OR
 COM 230: Small Group Communication


CRE 101: College Critical Reading 0-3 hrs Complete CRE 101 or equivalent.


Additional Lower Division Requirements
 CHM 235: General Organic Chemistry I and
 CHM 235LL: General Organic Chemistry I L 4 hrs 

CHM 236: General Organic Chemistry IIA
 and
 CHM 236LL: General Organic Chemistry IIA 4 hrs 

MAT 225: Elementary Linear Algebra 3 hrs An equivalent to CHM 240 is not offered at AZ Community Colleges. Some units of "elective" on ASU's Major Mapp will be satisfied by Linear Algebra and Differential Equations for the AZ community college student.

MAT 276: Modern Differential Equations or
 MAT 277: Modern Differential Equations 3-4 hrs An equivalent to CHM 240 is not offered at AZ Community Colleges. Some units of "elective" on ASU's Major Mapp will be satisfied by Linear Algebra and Differential Equations for the AZ community college student.

PHY 115: University Physics I OR 4-5 hrs 
 PHY 121: UNIVERSITY PHYSICS I:
 MECHANICS

PHY 131: University Physics II: Electricity
 and Magnetism 4 hrs 

Lower Division Elective 0-4 hrs Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements.

Total Required Credits: 64

Pathway Agreement

[Print](#)

Maricopa Community College District
Civil Engineering, BSE Pathway
2020-2021

ASU Major: [Civil Engineering, BSE | Ira A. Fulton Schools of Engineering](#)

Pathway Requirements

| | | |
|--|---|---|
| <p>Engineering Core CHM 150: General Chemistry I and CHM 151LL: General Chemistry I Laboratory OR CHM 150AA: General Chemistry I OR CHM 151: General Chemistry I or CHM 151LL: General Chemistry I Laboratory OR CHM 151AA: General Chemistry I CHM 152: General Chemistry II and CHM 152LL: General Chemistry II Laboratory OR CHM 152AA: General Chemistry II ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL ECE 102: Engineering Analysis Tools an or ECE 102AA: Engineering Analysis Tools and Techniques and ECE 103: Engineering Problem Solving and Design or ECE 103AB: Engineering Problem Solving and Design or ECE 103EP: Engineering Problem Solving and Design (with EPICS projects) MAT 220: Calculus with Analytic Geometry I or MAT 221: Calculus with Analytic Geometry I MAT 231: Calculus with Analytic Geometry II or MAT 230: Calculus with Analytic Geometry II MAT 241: Calculus with Analytic Geometry III or MAT 240: Calculus with Analytic Geometry III MAT 277: Modern Differential Equations or MAT 276: Modern Differential Equations PHY 121: UNIVERSITY PHYSICS I: MECHANICS or PHY 115: University Physics I PHY 131: University Physics II: Electricity and Magnetism or PHY 116: University Physics II</p> | <p>4-5 hrs                     </p> | |
| <p>Humanities, Arts, and Design and AGEC Awareness Areas</p> | <p>3 hrs</p> | <p>Take one course that satisfies Humanities, Arts, and Design AND an Awareness Area requirement.</p> |

Pathway Notes

There are no notes for this pathway



Special Requirements

Completion of the Maricopa to ASU Engineering Pathway and all special requirements meets ASU major map requirements and guarantees admission to the Civil Engineering (Environmental Engineering), Civil Engineering (Sustainable Engineering), and Construction Engineering BSE degree programs.

Note: Engineering Core Courses should be completed prior to enrolling in any additional lower division requirement courses. While requirements listed will meet ASU degree requirements, only 64 credit hours are transferable to ASU.

Special Requirements: 3.0 transfer GPA as calculated by ASU for admissions. All courses must be completed with a grade of "C" or better.

Additional Lower Division Requirements

| | | |
|--|--|---|
| MAT 225: Elementary Linear Algebra | 3 hrs | Complete additional lower division requirements not to exceed 64 total transfer credits. Students should complete MAT 225, ECE 211, ECE 212, ECE 215, [CHM 230 or GLG 101 or BIO 181 or BIO 182] and [ECN 211 or ECN 212] before taking other additional courses listed. All other additional requirements listed can be completed after transfer to ASU. |
| CHM 230: Fundamental Organic Chemistry OR GLG 101: Introduction to Geology I - P OR BIO 181: General Biology (Majors) I OR BIO 182: General Biology (Majors) II | 3-4 hrs  | Recommend completing BIO 181 or BIO 182. |
| ECE 211: Engineering Mechanics-Statics | 3 hrs | |
| ECE 212: Engineering Mechanics-Dynamic | 3 hrs | |
| ECE 215: Mechanics of Materials | 3 hrs | |
| ECN 211: Macroeconomic Principles or ECN 212: Microeconomic Principles | 3 hrs  | |
| Lower Division Elective | 1 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |
| ECE 104: EPICS Gold I | 0-2 hrs | EPICS is Engineering Projects in Community Service. Students who complete ECE104 may continue the EPICS sequence at ASU. Consult with Engineering faculty and/or STEM advisors to learn more about EPICS |

Total Required Credits: 63

Pathway Agreement



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Maricopa Community College District Civil Engineering (Sustainable Engineering), BSE Pathway 2020-2021

ASU Major: [Civil Engineering \(Sustainable Engineering\), BSE | Ira A. Fulton Schools of Engineering](#)

Pathway Requirements



Engineering Core

CHM 150: General Chemistry I and
CHM 151LL: General Chemistry I Laboratory   4-5 hrs
OR



CHM 150AA: General Chemistry I OR

CHM 151: General Chemistry I and
CHM 151LL: General Chemistry I Laboratory
OR



CHM 151AA: General Chemistry I



CHM 152: General Chemistry II and
CHM 152LL: General Chemistry II
Laboratory OR   4 hrs



CHM 152AA: General Chemistry II



ECE 102: Engineering Analysis Tools an or
ECE 102AA: Engineering Analysis Tools and
Techniques AND   4 hrs



ECE 103: Engineering Problem Solving and
Design or
ECE 103AB: Engineering Problem Solving
and Design or
ECE 103EP: Engineering Problem Solving
and Design (with EPICS projects)



ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL   3 hrs



ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL   3 hrs



MAT 220: Calculus with Analytic Geometry I
or
MAT 221: Calculus with Analytic Geometry I   4-5 hrs

MAT 231: Calculus with Analytic Geometry II   4 hrs

MAT 241: Calculus with Analytic Geometry III   4 hrs

MAT 277: Modern Differential Equations   3 hrs

PHY 121: UNIVERSITY PHYSICS I:
MECHANICS or
PHY 115: University Physics I   4-5 hrs

PHY 131: University Physics II: Electricity
and Magnetism or
PHY 116: University Physics II   4-5 hrs

Humanities, Arts, and Design and
AGEC Awareness Areas 3 hrs Take one course that satisfies Humanities, Arts,
and Design AND an Awareness Area
requirement.

Social-Behavioral Science and
AGEC Awareness Areas 3 hrs Take one course that satisfies Social-Behavioral
Science AND an Awareness Area requirement.

Pathway Notes

There are no notes for this pathway



Special Requirements

Completion of the Maricopa to ASU
Engineering Pathway and all special
requirements meets ASU major map
requirements and guarantees admission
to the Chemical Engineering, Civil
Engineering (Environmental
Engineering), Civil Engineering
(Sustainable Engineering), and
Construction Engineering BSE degree
programs.

Note: Engineering Core Courses should
be completed prior to enrolling in any
additional lower division requirement
courses. While requirements listed will
meet ASU degree requirements, only 64
credit hours are transferable to ASU.

Special Requirements: 3.0 transfer GPA
as calculated by ASU for admissions. All
courses must be completed with a grade
of "C" or better.

Additional Lower Division Requirements

| | | |
|---|--|--|
| MAT 225: Elementary Linear Algebra | 3 hrs | Complete additional lower division requirements not to exceed 64 total transfer credits. Students should complete MAT 225, ECE 211, ECE 212, ECE 215 and ECN 211 before taking other additional courses listed. All other additional requirements listed can be completed after transfer to ASU. |
| ECE 211: Engineering Mechanics-Statics | 3 hrs | |
| ECE 212: Engineering Mechanics-Dynamic | 3 hrs | |
| ECE 215: Mechanics of Materials | 3 hrs | |
| ECN 211: Macroeconomic Principles or ECN 212: Microeconomic Principles | 3 hrs  | |
| CHM 230: Fundamental Organic Chemistry or GLG 101: Introduction to Geology I - Physical Lecture or BIO 181: General Biology (Majors) I or BIO 182: General Biology (Majors) II | 3-4 hrs  | Recommend completing GLG 101 |
| ECE 104: EPICS Gold I | 0-2 hrs | EPICS is Engineering Projects in Community Service. Students who complete ECE 104 may continue the EPICS sequence at ASU. Consult with Engineering faculty and/or STEM advisors to learn more about EPICS. |

Total Required Credits: 65

Pathway Agreement



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Maricopa Community College District
Communication, BA Pathway
2020-2021

ASU Major: **Communication, BA | New College of Interdisciplinary Arts and Sciences**


Pathway Requirements

First Year Composition [FYC]


ENG 101: First-Year Composition or
 ENG 107: First-Year Composition for ESL   3 hrs


ENG 102: First-Year Composition or
 ENG 108: First-Year Composition for ESL   3 hrs

Literacy and Critical Inquiry [L]

COM 225: Public Speaking  3 hrs

Mathematical Studies [MA, CS]

MAT 140: College Mathematics or
 MAT 141: College Mathematics or
 MAT 142: College Mathematics or
 MAT 145: College Mathematics with Review
 or
 MAT 146: College Mathematics with Review  3-6 hrs



Computer/Statistic/Quantitative Analysis  3 hrs

Humanities, Arts, and Design [HU]

Humanities, Arts, and Design  3 hrs


Humanities, Arts, and Design  3 hrs


Social-Behavioral Science [SB]

COM 100: Introduction to Human
 Communication   3 hrs


COM 230: Small Group Communication 3 hrs


Natural Science [SQ, SG]

Natural Science  4 hrs Select at least one SQ within the Natural Science requirement.

Natural Science  4 hrs

General Education Awareness Areas [C, H, G]

Cultural Diversity in the U.S. [C]  0-3 hrs

Historical or Global Awareness [H] or [G]  0-3 hrs

MCCCD Additional Requirements

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major is the Associate in Arts, Communication degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Communication, BA degree program.

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information:
<https://transfer.asu.edu/credits>

| | | |
|---|--|---|
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 3 hrs  | Maricopa recommends taking COM 110 to fulfill requirements. |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|--|----------|--|
| COM 207: Introduction to Communication Inquiry | 3 hrs | |
| COM Elective | 0 hrs | Maricopa recommends taking COM 110 to fulfill requirements. |
| Lower Division Elective | 0-19 hrs | Within these elective credits, the New College of Interdisciplinary Arts and Sciences' Languages and Cultures Requirement may be fulfilled by completing one of the following options before transferring to ASU: Non-English language course at the intermediate level (202 or equivalent), including American Sign Language IV OR two (2) semesters of a current computer language (CSC110 and [CSC200 or CSC205]). Alternatively, students can meet ASU's Languages and Cultures Requirement after transferring by completing an additional 6 credits of upper-division Global or Cultural courses once at ASU. |

Total Required Credits: 60





Pathway Agreement


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Maricopa Community College District
Communication, BA Pathway
2020-2021



ASU Major: [Communication, BA | College of Liberal Arts and Sciences](#)




Pathway Requirements



| | |
|--|--|
| First Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL | 3 hrs   |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL | 3 hrs   |



| | | |
|--|---|--------------------------------------|
| Literacy and Critical Inquiry [L] COM 225: Public Speaking | 3 hrs  | Meets MCCCDC Additional Requirement. |
|--|---|--------------------------------------|

| | |
|---|--|
| Mathematical Studies [MA, CS] MAT 140: College Mathematics or MAT 141: College Mathematics or MAT 142: College Mathematics or MAT 145: College Mathematics with Review or MAT 146: College Mathematics with Review | 3-6 hrs  |
| Computer/Statistics/Quantitative Applications | 3 hrs  |

| | |
|--|--|
| Humanities, Arts, and Design [HU] Humanities, Arts, and Design | 3 hrs  |
| Humanities, Arts, and Design | 3 hrs  |

| | | |
|---|--|--|
| Social-Behavioral Science [SB] COM 100: Introduction to Human Communication | 3 hrs   | Meets MCCCDC Additional Communication Requirement below. |
| Social-Behavioral Science [SB] | 3 hrs  | |

| | | |
|--|--|--|
| Natural Science [SQ, SG] Natural Science | 4 hrs  | Select at least one SQ within the Natural Science requirement. |
| Natural Science | 4 hrs  | |

| | |
|--|--|
| General Education Awareness Areas [C, H, G] Cultural Diversity in the U.S. [C] | 0-3 hrs  |
| Historical or Global Awareness [H] or [G] | 0-3 hrs  |


MCCCDC Additional Requirements

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

The recommended MCCCDC associate degree pathway and Arizona General Education Certificate (AGEC) for this major is the Associate in Arts, Communication degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Communication, BA degree program.

| | | |
|--|--|---------------------------------|
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking | 0 hrs  | Met by COM 225 and COM 100. |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|--|----------|---|
| COM 207: Intro to COMMUNICATION INQUIRY | 3 hrs | |
| COM 110: Interpersonal Communication or COM 110AA: Interpersonal Communication Part I and COM 110AB: Interpersonal Communication Part II and COM 110AC: Inter or COM 241: Oral Interpretation of Literature or THP 241: Oral Interpretation of Literature or COM 250: Introduction to Organizational Communication or COM 163: Intercultural Communication in Everyday Life or COM 263: ELEMENTS OF INTERCULTURAL COMM | 0-3 hrs | COM 110, COM 110AA and AB and AC, COM 163, COM 250, or COM 263 also fulfills [SB] |
| Lower Division Second Language: Requirement satisfied through the following: Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 0-16 hrs | Select 101, 102, 201, 202 as needed to reach 4th semester proficiency. You may select specific courses from the Course Equivalency Guide that satisfy these criteria. Determination is made based on the semester and year the course is taken. |
| Lower Division Elective | 0-22 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60





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Maricopa Community College District
Communication, BA Pathway
2020-2021


ASU Major: **Communication, BA | College of Integrative Sciences and Arts**



Pathway Requirements




| | |
|--|---|
| First Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL |   3 hrs |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL |   3 hrs |



| | |
|--|--|
| Literacy and Critical Inquiry [L] COM 225: Public Speaking |  3 hrs |
|--|--|



| | | |
|--|--|---|
| Mathematical Studies [MA, CS] MAT 140: College Mathematics or MAT 141: College Mathematics or MAT 142: College Mathematics or MAT 145: College Mathematics with Review or MAT 146: College Mathematics with Review | 3-6 hrs  | A higher-level course that meets [MA] requirement is also acceptable. |
|--|--|---|

| | |
|--|---|
| Computer/Statistic/Quantitative Analysis |  3 hrs |
|--|---|

| | |
|--|---|
| Humanities, Arts, and Design [HU] Humanities, Arts, and Design |  3 hrs |
| Humanities, Arts, and Design |  3 hrs |

| | |
|--|---|
| Social-Behavioral Science [SB] COM 100: Introduction to Human Communication |   3 hrs |
| COM 230: Small Group Communication |  3 hrs |

| | | |
|--|---|--|
| Natural Science [SQ, SG] Natural Science |  4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science |  4 hrs | |

| | |
|--|---|
| General Education Awareness Areas [C, H, G] Cultural Diversity in the U.S. [C] |  0-3 hrs |
| Historical or Global Awareness [H] or [G] |  0-3 hrs |


MCCCD Additional Requirements

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major is the Associate in Arts, Communication degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Communication, BA degree program.

| | | |
|---|----------|--|
| COM 110: Interpersonal Communication | 3 hrs |  |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |
| Additional Lower Division Requirements | | |
| COM 207: Introduction to Communication Inquiry | 3 hrs | |
| COM Elective | 0 hrs | Maricopa recommends taking COM 110 to fulfill requirements. |
| Lower Division Second Language: Requirement satisfied through the following: Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV | 0-16 hrs | Second Language: Select 101, 102, 201, 202 as needed to reach 4th semester proficiency, OR, complete COM 263 (at MCCCDC or ASU) and COM 371 (at ASU) to fulfill this requirement. You may select specific courses from the Course Equivalency Guide that satisfy these criteria. Determination is made based on the semester and year the course is taken. |
| Lower Division Elective | 0-19 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60

Pathway Agreement



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Maricopa Community College District
Communication, BS Pathway
2020-2021


ASU Major: **Communication, BS | New College of Interdisciplinary Arts and Sciences**



Pathway Requirements


First Year Composition [FYC]
 ENG 101: First-Year Composition or
 ENG 107: First-Year Composition for ESL   3 hrs


ENG 102: First-Year Composition or
 ENG 108: First-Year Composition for ESL   3 hrs

Literacy and Critical Inquiry [L]
 COM 225: Public Speaking  3 hrs

Mathematical Studies [MA, CS]
 MAT 140: College Mathematics or
 MAT 141: College Mathematics or
 MAT 142: College Mathematics or
 MAT 145: College Mathematics with Review
 or
 MAT 146: College Mathematics with Review  3-6 hrs


GBS 221: Business Statistics or
 MAT 206: Elements of Statistics or
 SWU 225: Statistics for Social
 Research/Justice and Government or
 PSY 230: Introduction to Statistics   3 hrs


Humanities, Arts, and Design [HU]
 Humanities, Arts, and Design  3 hrs


Humanities, Arts, and Design  3 hrs

Social-Behavioral Science [SB]
 COM 100: Introduction to Human
 Communication   3 hrs

COM 230: Small Group Communication 3 hrs

Natural Science [SQ, SG]
 Natural Science [SQ, SG]  4 hrs Select at least one SQ within the Natural Science requirement.

Natural Science [SQ, SG]  4 hrs

General Education Awareness Areas [C, H, G]
 Cultural Diversity in the U.S. [C]  0-3 hrs COM 263 recommended because it is required for the AA, Emphasis in Communication (credits apply only once but meet both C and G)).

Historical or Global Awareness [H] or [G]  0-3 hrs COM 263 recommended because it is required for the AA, Emphasis in Communication (credits apply only once but meet both C and G)).

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

The recommended MCCCDC associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Emphasis in Communication degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Communication, BS degree program.

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information: <https://transfer.asu.edu/credits>.

MCCCD Additional Requirements

| | | |
|---|--|--|
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0 hrs  | MCCCD Additional Requirements COM course satisfied by COM 225. |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|--|----------|---|
| COM 207: Introduction to Communication Inquiry | 3 hrs | |
| COM Elective | 3 hrs | The AA, Emphasis in Communication degree requires COM 110 and COM 263. |
| Lower Division Elective | 0-19 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. The AA, Emphasis in Communication degree requires COM 110 and COM 263. |

Total Required Credits: 60

Pathway Agreement



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Maricopa Community College District
Communication, BS Pathway
2020-2021

ASU Major: [Communication, BS | College of Liberal Arts and Sciences](#)


Pathway Requirements

First Year Composition [FYC]


ENG 101: First-Year Composition or
 ENG 107: First-Year Composition for ESL   3 hrs


ENG 102: First-Year Composition or
 ENG 108: First-Year Composition for ESL   3 hrs

Literacy and Critical Inquiry [L]

COM 225: Public Speaking  3 hrs Meets MCCCDC Additional Requirements below.

Mathematical Studies [MA, CS]

MAT 140: College Mathematics or
 MAT 141: College Mathematics or
 MAT 142: College Mathematics or
 MAT 145: College Mathematics with Review
 or
 MAT 146: College Mathematics with Review  3-6 hrs



Computer/Statistics/Quantitative Analysis  3 hrs


Humanities, Arts, and Design [HU]

Humanities, Arts, and Design [HU]  3 hrs


Humanities, Arts, and Design [HU]  3 hrs


Social-Behavioral Science [SB]

COM 100: Introduction to Human Communication   3 hrs Meets MCCCDC Additional Requirements below.


Social-Behavioral Science [SB]  3 hrs


Natural Science [SQ, SG]

Natural Science [SQ, SG]  4 hrs Select at least one SQ within the Natural Science requirement.

Natural Science [SQ, SG]  4 hrs

General Education Awareness Areas [C, H, G]

Cultural Diversity in the U.S. [C]  0-3 hrs

Historical or Global Awareness [H] or [G]  0-3 hrs

MCCCDC Additional Requirements

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

The recommended MCCCDC associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Emphasis in Communication degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Communication, BS degree program.

| | | |
|---|--|---------------------------------|
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs  | Met by COM 100 or COM 225. |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|--|----------|--|
| COM 207: Intro to COMMUNICATION INQUIRY | 3 hrs | |
| COM 110: Interpersonal Communication or COM 110AA: Interpersonal Communication Part I and COM 110AB: Interpersonal Communication Part II and COM 110AC: Inter or COM 241: Oral Interpretation of Literature or THP 241: Oral Interpretation of Literature or COM 250: Introduction to Organizational Communication or COM 163: Intercultural Communication in Everyday Life or COM 263: ELEMENTS OF INTERCULTURAL COMM | 0-3 hrs | COM 110, COM 110AA and AB and AC, COM 163, COM 250, or COM 263 also fulfills [SB] |
| Lower Division Elective | 5-22 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. COM 110, 230, and 263 are recommended as electives if not already applied toward other requirements because they meet requirements on the AA, Emphasis in Communication degree. |

Total Required Credits: 60

Pathway Agreement



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Maricopa Community College District
Community Advocacy and Social Policy, BA Pathway
2020-2021

ASU Major: [Community Advocacy and Social Policy, BA | College of Public Service and Community Solutions](#)


Pathway Requirements

First Year Composition [FYC]


ENG 101: First-Year Composition or
 ENG 107: First-Year Composition for ESL   3 hrs

ENG 102: First-Year Composition or
 ENG 108: First-Year Composition for ESL   3 hrs


Literacy and Critical Inquiry [L]

Literacy and Critical Inquiry [L]  3 hrs



Mathematical Studies [MA, CS]

MAT 140: College Mathematics or
 MAT 141: College Mathematics or
 MAT 142: College Mathematics or
 MAT 145: College Mathematics with Review
 or
 MAT 146: College Mathematics with Review  3-6 hrs

Computer/Statistics/Quantitative Analysis [CS]

 3 hrs Recommend a statistics course


Humanities, Arts, and Design [HU]

SWU 183: Introductory Ethics: A Social
 Service Perspective OR   3 hrs



PHI 101: Introduction to Philosophy or
 PHI 102: Introduction to Philosophy or
 PHI 105: Introduction to Ethics

Humanities, Arts, and Design [HU]  3 hrs


Social-Behavioral Science [SB]


SWU 182: A Social Services Perspective of
 Government OR  3 hrs

POS 110: American National Government

PSY 101: Introduction to Psychology or
 SOC 101: Introduction to Sociology   3 hrs

Natural Science [SQ, SG]

Natural Science [SQ, SG]  4 hrs Select at least one SQ within the Natural
 Science requirement.

Natural Science [SQ, SG]  4 hrs Recommend BIO 156 or BIO 160 or BIO 201.

General Education Awareness Areas [C, H, G]


Pathway Notes



Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Community Advocacy and Social Policy, BA degree program.

| | | | |
|---|---------|---|--|
| Cultural Diversity in the U.S. [C] | 0-3 hrs |  | |
| Historical or Global Awareness [H] or [G] | 0 hrs |  | Historical Awareness [H] met by SWU 171. |

| | | | |
|---|---------|---|---------------------------------|
| MCCCD Additional Requirements | | | |
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs |  | |
| CRE 101: College Critical Reading | 0-3 hrs | | Complete CRE 101 or equivalent. |

| | | | |
|---|---------|--|--|
| Additional Lower Division Requirements | | | |
| SWU 171: Introduction to Social Welfare | 3 hrs | | |
| SWU 181: Economics: A Social Issues Perspective OR ECN 211: Macroeconomic Principles | 3 hrs |   | |
| SWU 250: Mindfulness for Stress Management | 3 hrs | | Satisfies ASU's Social Problems and Interventions requirement. |
| SWU 291: Social Service Delivery Systems | 3 hrs | | |
| Public Service Interdisciplinary Requirement | 6 hrs | | Students can choose courses from any of the three Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from two different groups. Courses from this requirement may be used to fulfill any qualifying AGEC requirements simultaneously. |
| Lower Division Elective | 0-7 hrs | | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60

Track/Groups

Public Service Interdisciplinary Requirement

| Public Service Interdisciplinary Requirement | |
|--|---|
| AJS 212: Juvenile Justice Procedures or AJS 225: Criminology or AJS 109: Substantive Criminal Law or AJS 270: Community Relations | Public Service Interdisciplinary Requirement-Area 1 |
| Public Service Interdisciplinary Requirement | |
| PAD 100: 21st Century Public Policy and Service or PAD 200: Public Affairs Economics | Public Service Interdisciplinary Requirement-Area 2 |
| Public Service Interdisciplinary Requirement | |
| REC 120: Leisure and the Quality of Life or HRM 160: Tourism Principles And Practices | Public Service Interdisciplinary Requirement-Area 3 |





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Maricopa Community College District Community Development, BA Pathway 2020-2021




ASU Major: [Community Development, BA | Watts College of Public Service & Community Solut](#)

Pathway Requirements



| | |
|---|--|
| First Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL | 3 hrs   |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL | 3 hrs   |



| | | |
|--|---|---------------------------------------|
| Literacy and Critical Inquiry [L] Literacy and Critical Inquiry [L] | 3 hrs  | COM 225 can fulfill this requirement. |
|--|---|---------------------------------------|

| | |
|--|--|
| Mathematical Studies [MA, CS] MAT 140: College Mathematics or MAT 141: College Mathematics or MAT 142: College Mathematics or MAT 145: College Mathematics with Review or MAT 146: College Mathematics with Review | 3-6 hrs  |
| Computer/Statistics/Quantitative Analysis [CS] | 3 hrs  |

| | |
|--|--|
| Humanities, Arts, and Design [HU] Humanities, Arts, and Design [HU] | 3 hrs   |
| Humanities, Arts, and Design [HU] | 3 hrs  |

| | |
|--|--|
| Social-Behavioral Science [SB] Social-Behavioral Science [SB] | 3 hrs   |
|--|--|

| | | |
|--|--|--|
| Natural Science [SQ, SG] Natural Science [SQ, SG] | 4 hrs  | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs  | Recommend BIO 156 or BIO 160 or BIO 201. |

| | |
|---|--|
| General Education Awareness Areas [C, H, G] Cultural Diversity in the U.S. [C] | 0-3 hrs  |
| Historical or Global Awareness [H] or [G] | 3 hrs  |


MCCCD Additional Requirements

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Community Development, BA degree program.

| | | |
|-----------------------------------|---------|---|
| COM 225: Public Speaking | 0-3 hrs |  |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|--|----------|---|
| Community Development Interdisciplinary Requirement | 6 hrs | Students can choose courses from any of the three Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups. |
| Lower Division Second Language: Requirement satisfied through the following: Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 0-16 hrs | Select 101, 102, 201, 202 as needed to reach 4th semester proficiency. You may select specific courses from the Course Equivalency Guide that satisfy these criteria. Determination is made based on the semester and year the course is taken. |
| Lower Division Elective | 0-19 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60

Track/Groups

Community Development Interdisciplinary Requirement

| Community Development Interdisciplinary Requirement | | |
|--|--|--|
| AJS 101: Introduction to Criminal Justice or AJS 113: Criminal Justice Crime Control Policies and Practices or AJS 212: Juvenile Justice Procedures or AJS 230: The Police Function or AJS 240: The Correction Function or AJS 109: Substantive Criminal Law or AJS 270: Community Relations | Community Development Interdisciplinary Requirement-Area 1 | Community Development Interdisciplinary Requirement |
| PAD 100: 21st Century Public Policy and Service or PAD 200: Public Affairs Economics | Community Development Interdisciplinary Requirement-Area 2 | |
| Interdisciplinary Requirement | | |
| BHS 150: Introduction to Behavioral Health and Social Services or SWU 171: Introduction to Social Welfare or SWU 181: Economics: A Social Issues Perspective or SWU 182: A Social Services Perspective of Government or SWU 183: Introductory Ethics: A Social Service Perspective or CPD 102AH: Stress Management or SWU 250: Mindfulness for Stress Management | Community Development Interdisciplinary Requirement-Area 3 | Community Development |

Pathway Agreement

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Maricopa Community College District
Community Health, BS Pathway
2020-2021

ASU Major: [Community Health, BS | College of Nursing and Health Innovation](#)


Pathway Requirements

First Year Composition [FYC]


ENG 101: First-Year Composition or
 ENG 107: First-Year Composition for ESL   3 hrs



ENG 102: First-Year Composition or
 ENG 108: First-Year Composition for ESL   3 hrs

Literacy and Critical Inquiry [L]


COM 225: Public Speaking  3 hrs


Mathematical Studies [MA, CS]

MAT 140: College Mathematics or
 MAT 141: College Mathematics or
 MAT 142: College Mathematics or
 MAT 145: College Mathematics with Review or
 MAT 146: College Mathematics with Review  3-6 hrs Or higher level course that meets [MA] requirement


PSY 230: Introduction to Statistics or
 MAT 206: Elements of Statistics or
 SWU 225: Statistics for Social
 Research/Justice and Government   3 hrs


Humanities, Arts, and Design [HU]

HCR 210: Clinical Health Care Ethics  3 hrs

Humanities, Arts, and Design  3 hrs

Social-Behavioral Science [SB]

CFS 205: Human Development or
 PSY 240: Developmental Psychology  3 hrs

PSY 101: Introduction to Psychology   3 hrs


Natural Science [SQ, SG]


BIO 201: Human Anatomy and Physiology   4 hrs

CHM 130: Fundamental Chemistry and
 CHM 130LL: Fundamental Chemistry
 Laborat OR   4 hrs

CHM 130AA: Fundamental Chemistry with
 Lab

General Education Awareness Areas [C, H, G]

Cultural Diversity in the U.S. [C]  0 hrs Satisfied by HCR 230.

Historical or Global Awareness [H] or [G]  0 hrs Satisfied by HCR 220.


Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.




Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Community Health B.S. degree program.

MCCCD Additional Requirements

| | | |
|---|--|---------------------------------|
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0 hrs  | Satisfied by COM 225. |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|--|--|
| BIO 202: Human Anatomy and Physiology | 4 hrs  | |
| BIO 205: Microbiology | 4 hrs  | |
| FON 241: Principles of Human Nutrition | 3 hrs | |
| HCR 220: Introduction to Nursing and Health Care Systems | 3 hrs | |
| HCR 230: Culture and Health | 3 hrs | |
| HCR 240: Human Pathophysiology | 4 hrs | |
| SOC 101: Introduction to Sociology | 3 hrs  | |
| Lower Division Elective | 0-1 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60





Pathway Agreement


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Maricopa Community College District
Community Sports Management, BS Pathway
2020-2021



ASU Major: [Community Sports Management, BS | College of Public Service and Community Solutions](#)

Pathway Requirements



| | |
|--|---|
| First Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL |   3 hrs |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL |   3 hrs |



| | | |
|--|--|--|
| Literacy and Critical Inquiry [L] COM 225: Public Speaking |  3 hrs | Meets MCCCDC Additional Communication Requirement. |
|--|--|--|

| | |
|---|---|
| Mathematical Studies [MA, CS] MAT 140: College Mathematics or MAT 141: College Mathematics or MAT 142: College Mathematics or MAT 145: College Mathematics with Review or MAT 146: College Mathematics with Review |  3-6 hrs |
| Computer/Statistics/Quantitative Applications [CS] |  3 hrs |

| | |
|--|---|
| Humanities, Arts, and Design [HU] Humanities, Arts, and Design |  3 hrs |
| Humanities, Arts, and Design |  3 hrs |

| | |
|---|---|
| Social-Behavioral Science [SB] REC 120: Leisure and the Quality of Life |  3 hrs |
| Social-Behavioral Science [SB] | 3 hrs |

| | | |
|---|---|--|
| Natural Science [SQ, SG] Natural Science [SQ, SG] |  4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] |  4 hrs | |

| | | |
|--|---|--|
| General Education Awareness Areas [C, H, G] Cultural Diversity in the U.S. [C] |  0-3 hrs | |
| Historical or Global Awareness [H] or [G] |  0-3 hrs | Historical Awareness [H] met by SWU 171. |

MCCCDC Additional Requirements

Pathway Notes


Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCCDC Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Community Sports Management B.S. degree program.

| | | |
|---|--|--|
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0 hrs  | COM requirement: Satisfied by COM 225. |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|--|--|--|
| AJS 101: Introduction To Criminal Just or AJS 270: Community Relations | 3 hrs  | |
| EXS 150: Introduction to Sports Management | 3 hrs | |
| REC 210: Leisure Delivery Systems | 3 hrs | |
| REC 230: Programming of Recreation Services | 3 hrs | |
| SWU 171: Introduction to Social Welfare or SWU 181: Economics: A Social Issues Perspective or SWU 182: A Social Services Perspective of Government or SWU 183: Introductory Ethics: A Social Service Perspective or SWU 250: Mindfulness for Stress Management | 3 hrs | Take one of the following courses |
| Lower Division Elective | 0-10 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60





Pathway Agreement


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Maricopa Community College District Community Sports Management (Events), BS Pathway 2020-2021


ASU Major: [Community Sports Management \(Events\), BS | Watts College of Public Service & Community Solut](#)



Pathway Requirements

| | |
|--|---|
| First Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL |   3 hrs |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL |   3 hrs |



| | | |
|--|--|--|
| Literacy and Critical Inquiry [L] COM 225: Public Speaking |  3 hrs | Meets MCCCDC Additional Communication Requirement. |
|--|--|--|



| | |
|---|---|
| Mathematical Studies [MA, CS] MAT 140: College Mathematics or MAT 141: College Mathematics or MAT 142: College Mathematics or MAT 145: College Mathematics with Review or MAT 146: College Mathematics with Review |  3-6 hrs |
|---|---|

| | |
|---|---|
| Computer/Statistics/Quantitative Applications [CS] |  3 hrs |
|---|---|

| | |
|--|---|
| Humanities, Arts, and Design [HU] Humanities, Arts, and Design |  3 hrs |
| Humanities, Arts, and Design |  3 hrs |

| | |
|---|---|
| Social-Behavioral Science [SB] REC 120: Leisure and the Quality of Life |  3 hrs |
| Social-Behavioral Science [SB] | 3 hrs |

| | | |
|--|---|--|
| Natural Science [SQ, SG] Natural Science |  4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science |  4 hrs | |

| | | |
|--|---|--|
| General Education Awareness Areas [C, H, G] Cultural Diversity in the U.S. [C] |  0-3 hrs | |
| Historical or Global Awareness [H] or [G] |  0-3 hrs | Historical Awareness [H] met by SWU 171. |

MCCCDC Additional Requirements

Pathway Notes


Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCCDC Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Community Sports Management (Events) B.S. degree program.

| | | |
|---|--|--|
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0 hrs  | COM requirement: Satisfied by COM 225. |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|--|--|--|
| AJS 101: Introduction To Criminal Just or AJS 109: Substantive Criminal Law or AJS 212: Juvenile Justice Procedures or AJS 225: Criminology or AJS 270: Community Relations | 3 hrs  | Take one of the following courses |
| EXS 150: Introduction to Sports Management | 3 hrs | |
| REC 210: Leisure Delivery Systems | 3 hrs | |
| REC 230: Programming of Recreation Services | 3 hrs | |
| SWU 171: Introduction to Social Welfare or SWU 181: Economics: A Social Issues Perspective or SWU 182: A Social Services Perspective of Government or SWU 183: Introductory Ethics: A Social Service Perspective or SWU 250: Mindfulness for Stress Management | 3 hrs | Take one of the following courses |
| Lower Division Elective | 0-10 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60

Pathway Agreement

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Maricopa Community College District Computational Forensics, BS Pathway 2020-2021

ASU Major: [Computational Forensics, BS | New College of Interdisciplinary Arts and Sciences](#)

Pathway Requirements

First-Year Composition [FYC]

ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL



3 hrs

ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL



3 hrs

Literacy and Critical Inquiry [L]

Literacy and Critical Inquiry [L]



0-3 hrs

Mathematical Studies [MA]

MAT 220: Calculus with Analytic Geometry I
or
MAT 221: Calculus with Analytic Geometry I



4-5 hrs

Humanities, Arts, and Design [HU]

Humanities, Arts, and Design [HU]



3 hrs

Humanities, Arts, and Design [HU]



3 hrs

Social-Behavioral Science [SB]

Social-Behavioral Science [SB]



3 hrs

Social-Behavioral Science [SB]



3 hrs

Natural Science [SQ, SG]

BIO 181: General Biology (Majors) I or
BIO 181XT: General Biology (Majors) I



4-8 hrs

BIO 182: General Biology (Majors) II



4 hrs

Subject Options

MAT 230: Calculus with Analytic Geometry II
or
MAT 231: Calculus with Analytic Geometry II



4-5 hrs

MAT 240: Calculus with Analytic Geometry III
or
MAT 241: Calculus with Analytic Geometry III



4-5 hrs



General Education Awareness Areas [C, H, G]

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.


Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Science degree and AGEC-S, meets major map requirements at ASU, and guarantees admission to the Computational Forensics B.S. degree program.

| | |
|---|--|
| Cultural Diversity in the U.S. [C] | 0-3 hrs  |
| Historical or Global Awareness [H] or [G] | 0-3 hrs  |

MCCCD Additional Requirements

| | | |
|-----------------------------------|---------|---------------------------------|
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |
|-----------------------------------|---------|---------------------------------|

| | |
|---|--|
| COM 100: Introduction to Human Communication OR | 0-3 hrs  |
| COM 110: Interpersonal Communication OR | |
| COM 225: Public Speaking OR | |
| COM 230: Small Group Communication | |

Additional Lower Division Requirements

| | |
|---|---------|
| CIS 163AA: Java Programming: Level I or CSC 110: Introduction to Computer Science (Java) or CSC 110AA: Introduction to Computer Science (Java) or CSC 110AB: Introduction to Computer Science (Java) | 3-4 hrs |
| CSC 200: Principles of Computer Science (Java) or CSC 200AA: Principles of Computer Science (Java) or CSC 200AB: Principles of Computer Science (Java) or CSC 205: Object Oriented Programming and Data Structures or CSC 205AA: Object Oriented Programming and Data Structures or CSC 205AB: Object Oriented Programming and Data Structures or CSC 205AC: Object Oriented Programming and Data Structures or CSC 205AD: Object Oriented Programming and Data Structures | 3-4 hrs |
| CSC 210: Data Structures and Algorithms (Java) or CSC 210AA: Data Structures and Algorithms (Java) or CSC 210AB: Data Structures and Algorithms (Java) | 3-4 hrs |
| CSC 240: Introduction to Different Programming Languages or CSC 240AA: Introduction to Different Programming Languages | 3-4 hrs |
| FOR 105: Forensic Science: Physical Evidence | 4 hrs |
| FOR 106: Forensic Science: Biological Evidence | 4 hrs |
| MAT 276: Modern Differential Equations or MAT 277: Modern Differential Equations | 3-4 hrs |

Total Required Credits: 61





Pathway Agreement


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Maricopa Community College District
Computational Mathematical Sciences, BS Pathway
2020-2021


ASU Major: [Computational Mathematical Sciences, BS](#) | College of Liberal Arts and Sciences


Pathway Requirements



| | |
|--|---|
| First Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL |   3 hrs |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL |   3 hrs |

| | |
|---|--|
| Literacy and Critical Inquiry [L] Literacy and Critical Inquiry [L] |  3 hrs |
|---|--|

| | |
|--|---|
| Mathematical Studies [MA, CS] MAT 220: Calculus with Analytic Geometry I or MAT 221: Calculus with Analytic Geometry I |   4-5 hrs |
| CSC 110: Introduction to Computer Science or CSC 110AA: Introduction to Computer Science or CSC 110AB: Intro to Computer Science (JAVA) | 3-4 hrs |

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] Humanities, Arts, and Design [HU] |  3 hrs | Humanities [HU] PHI 103 recommended, but not required, for meeting HU requirement. |
|---|---|---|

| | |
|------------------------------|---|
| Humanities, Arts, and Design |  3 hrs |
|------------------------------|---|

| | |
|--|---|
| Social-Behavioral Science [SB] Social-Behavioral Science |  3 hrs |
| Social-Behavioral Science |  3 hrs |

Natural Science [SQ, SG]



Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.



Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate of Arts, Emphasis in Mathematics degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Computational Mathematical Sciences B.S. degree program.


Special Requirements: 2.0 GPA in coursework used to satisfy MAPP requirements. 3.0 cumulative GPA in tracking courses CSC 110, CSC 205, MAT 221, MAT 231, MAT 241. Each of these courses must be completed with a grade of "B" or better.

| | | |
|--|--|---|
| AST 111: Introduction to Solar System Astronomy and AST 113: Introduction to Solar System Astronomy Laboratory OR | 4-5 hrs  | Complete a 2-semester sequence lecture/lab combination. The same prefix must be selected for both Natural Science requirements. |
| BIO 181: General Biology (Majors) I OR | | |
| CHM 150: General Chemistry I and CHM 151LL: General Chemistry I Laboratory or CHM 150AA: General Chemistry I or CHM 151AA: General Chemistry I or CHM 151: General Chemistry I and CHM 151LL: General Chemistry I Laboratory OR | | |
| PHY 115: University Physics I or PHY 121: UNIVERSITY PHYSICS I: MECHANICS OR | | |
| GLG 101: Introduction to Geology I - Physical Lecture and GLG 103: Introduction to Geology I - Physical Lab or GLG 101IN: Introduction to Geology I - Physical | | |
| AST 112: Introduction to Stars, Galaxies, and Cosmology and AST 114: Intro to Stars, Galaxies, & Cosmology Laboratory OR | 4-5 hrs  | Complete a 2-semester sequence lecture/lab combination. The same prefix must be selected for both Natural Science requirements. |
| BIO 182: General Biology (Majors) II OR | | |
| CHM 152: General Chemistry II and CHM 152LL: General Chemistry II Laboratory or CHM 152AA: General Chemistry II OR | | |
| PHY 116: University Physics II or PHY 131: University Physics II: Electricity and Magnetism OR | | |
| GLG 102: Intro to GEOLOGY II-HISTORICAL LECTR and GLG 104: Intro to GEOLOGY II-HISTORICAL LAB or GLG 102IN: Introduction to Geology II - Historical | | |





General Education Awareness Areas [C, H, G]

| | |
|---|--|
| Cultural Diversity in the U.S. [C] | 0-3 hrs  |
| Historical or Global Awareness [H] or [G] | 0-3 hrs  |

MCCCD Additional Requirements

| | | |
|---|--|---|
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs  | COM 225 recommended, but not required, can satisfy Literacy and Critical Inquiry (L). |

Additional Lower Division Requirements

| | | |
|--|--|--|
| CSC 205: Object Oriented Programming and Data Structures or CSC 205AA: Object Oriented Programming and Data Structures or CSC 205AB: Object Oriented Programming and Data Structures or CSC 205AC: Object Oriented Programming and Data Structures or CSC 205AD: Object Oriented Programming and Data Structures | 3-4 hrs  | |
| CSC 240: Introduction to Different Pro or CSC 240AA: Introduction to Different Pro | 3-4 hrs | |
| MAT 230: Calculus with Analytic Geometry II or MAT 231: Calculus with Analytic Geometry II | 4-5 hrs  | |
| MAT 240: Calculus with Analytic Geometry III or MAT 241: Calculus with Analytic Geometry III | 4-5 hrs  | |
| MAT 262: Differential Equations or MAT 276: Modern Differential Equations or MAT 277: Modern Differential Equations | 3-4 hrs  | |
| Lower Division Science Sequence Course and SQ or SG Natural Science | 8 hrs | Another one-year sequence of natural science is required for the major. Select courses that transfer as equivalencies to the track courses listed on the major map: https://webapp4.asu.edu/programs/t5/roadmaps/ASU00/LACMSBS/null/ALL/2019 |
| Lower Division Elective | 0-3 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 64





Pathway Agreement


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Maricopa Community College District Computer Information Systems, BS Pathway 2020-2021



ASU Major: [Computer Information Systems, BS | W. P. Carey School of Business](#)



Pathway Requirements



| | | |
|---|-------|---|
| First Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL | 3 hrs |   |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL | 3 hrs |   |



| | | | |
|--|-------|--|--|
| Literacy and Critical Inquiry [L] Literacy and Critical Inquiry [L] | 3 hrs |  | If COM225 is selected, it may also be applied to meet COM in the Additional Lower Division Requirements. If GBS233 is selected, it may also be applied as a Business Elective. |
|--|-------|--|--|

| | | |
|--|---------|---|
| Mathematical Studies [MA, CS] MAT 212: Brief Calculus or MAT 213: Brief Calculus | 3-4 hrs |  |
| CIS 105: Survey of Computer Information Systems | 3 hrs |   |

| | | |
|--|-------|---|
| Humanities, Arts, and Design [HU] Humanities, Arts, and Design [HU] | 3 hrs |  |
| Humanities, Arts, and Design [HU] | 3 hrs |  |

| | | |
|---|-------|---|
| Social-Behavioral Science [SB] ECN 211: Macroeconomic Principles | 3 hrs |  |
| ECN 212: Microeconomic Principles | 3 hrs |  |

| | | | |
|--|-------|---|--|
| Natural Science [SQ, SG] Natural Science [SQ, SG] | 4 hrs |  | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs |  | |

| | | |
|---|---------|---|
| General Education Awareness Areas [C, H, G] Cultural Diversity in the U.S. [C] | 0-3 hrs |  |
| Historical or Global Awareness [H] or [G] | 0-3 hrs |  |

MCCCD Additional Requirements

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

This degree program requires meeting W. P. Carey Bachelor of Science admission requirements. A 3.0 cumulative transfer GPA as calculated by ASU Admission Services is required. A 3.0 cumulative ASU GPA is also required for students who previously attended ASU.

Students must also meet one of the following:

- 1230 SAT (March 2016 and after) or 1160 SAT (before March 2016), not including writing portion
- 25 ACT composite, not including writing portion.
- Top 8% high school class rank
- 3.60 unweighted GPA in high school competency courses (A=4.00)


Completion of the MAPP and all admission requirements satisfies the requirements for the MCCCD Associate in Business, Special Requirements degree and AGEC-B, meets major map requirements at ASU, and guarantees admission into a W. P. Carey Bachelor of Science degree program.


Only 64 credits are transferable to ASU. For more information:

<https://transfer.asu.edu/credits>.

| | |
|--|-------|
| CIS 162AD: C#: Level I | 3 hrs |
| CIS 250: Management INFORMATION SYSTEM | 3 hrs |

Additional Lower Division Requirements

| | |
|---|--|
| ACC 111: Accounting Principles I and ACC 230: Uses of Accounting Information and ACC 240: Uses of Accounting Information OR ACC 111: Accounting Principles I and ACC 112: Accounting Principles II and ACC 212: Managerial Accounting OR ACC 211: Financial Accounting and ACC 212: Managerial Accounting | 6-9 hrs  |
|---|--|


| | | |
|--|--|---|
| COM 100: Introduction to Human Communication or COM 225: Public Speaking or COM 230: Small Group Communication or COM 259: COMM IN BUSINESS & PROFESSIONS | 0-3 hrs  | If COM225 is selected, it may be also be applied to meet Literacy and Critical Inquiry [L]. |
|--|--|---|

| | |
|---|-------|
| GBS 205: LEGAL, ETHICAL/REGULATORY ISSUES/BUS | 3 hrs |
|---|-------|

| | |
|------------------------------|--|
| GBS 221: Business Statistics | 3 hrs  |
|------------------------------|--|

| | |
|---|---------|
| MAT 217: Mathematical Analysis for Business or MAT 218: Mathematical Analysis for Business | 3-4 hrs |
|---|---------|

| | | |
|------------|---|---|
| PSY Course | 3 hrs  | Select a course that transfers to ASU with the PSY prefix and [SB] designation. Check the Course Equivalency Guide on aztransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
|------------|---|---|

| | | |
|------------|--|---|
| SOC Course | 3 hrs  | Select a course that transfers to ASU with the SOC prefix and [SB] designation. Check the Course Equivalency Guide on aztransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
|------------|--|---|

Total Required Credits: 62

Pathway Agreement

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Maricopa Community College District
Computer Science, BS Pathway
2020-2021

ASU Major: [Computer Science, BS](#) | [Ira A. Fulton Schools of Engineering](#)

Pathway Requirements

First-Year Composition [FYC]

ENG 101: First-Year Composition or
 ENG 107: First-Year Composition for ESL



ENG 102: First-Year Composition or
 ENG 108: First-Year Composition for ESL



Literacy and Critical Inquiry [L]

Literacy and Critical Inquiry [L]

0-3 hrs



Recommend selecting a course that satisfies Literacy & Critical Inquiry, Social-Behavioral Sciences, Humanities, Arts, and Design, COM, or CRE 101 requirements simultaneously.

Mathematical Studies [MA]

MAT 220: Calculus with Analytic Geometry I
 or
 MAT 221: Calculus with Analytic Geometry I



Humanities, Arts, and Design [HU]

Humanities, Arts, and Design

3 hrs



See note regarding Literacy and Critical Inquiry for 3 of the 6 required HU hours.

Humanities, Arts, and Design

3 hrs



Social-Behavioral Science [SB]

Social-Behavioral Science

3 hrs



See note regarding Literacy and Critical Inquiry for 3 of the 6 required SB hours.

Social-Behavioral Science

3 hrs



Natural Science [SQ, SG]

CHM 151: General Chemistry I and
 CHM 151LL: General Chemistry I Laboratory OR

4-5 hrs



Select a Biology, Chemistry or Physics sequence. Fulfills the SQ/SG Lab Science requirement at ASU.

PHY 115: University Physics I or
 PHY 121: UNIVERSITY PHYSICS I: MECHANICS OR

BIO 181: General Biology (Majors) I

CHM 152: General Chemistry II and
 CHM 152LL: General Chemistry II
 Laboratory OR



PHY 116: University Physics II or
 PHY 131: University Physics II: Electricity
 and Magnetism OR

BIO 182: General Biology (Majors) II

Pathway Notes





Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements



The recommended MCCCDC associate degree pathway and Arizona General Education Certificate (AGEC) for this major is the Associate in Science, Emphasis in Computer Science degree and AGECS. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Computer Science, BS degree program.

In addition to university requirements, the Fulton School of Engineering requires that students must complete the MAPP with a 3.0 cumulative transfer GPA. Note that Arizona State University calculates GPA's differently than the Maricopa Community College District, thus guaranteed admission to the Computer Science BS program is dependent upon calculation of the 3.0 cumulative transfer GPA. Also, MAPP students must have an associate degree in progress or a completed associate degree posted on their transcript when applying for admission or they will be held to regular admission procedures and will not receive MAPP benefits. A total of 64 credit hours will transfer to Arizona State University.


Subject Options

| | |
|--|--|
| MAT 230: Calculus with Analytic Geometry II or MAT 231: Calculus with Analytic Geometry II | 4-5 hrs   |
| MAT 240: Calculus with Analytic Geometry III or MAT 241: Calculus with Analytic Geometry III | 4-5 hrs   |

General Education Awareness Areas [C, H, G]


| | | |
|---|--|--|
| Cultural Diversity in the U.S. [C] | 0-3 hrs  | Awareness Area courses may concurrently satisfy HU or SB requirements. |
| Historical or Global Awareness [H] or [G] | 0-3 hrs  | |

MCCCD Additional Requirements

| | |
|---|--|
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs  |
|---|--|


| | | |
|-----------------------------------|---------|---------------------------------|
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |
|-----------------------------------|---------|---------------------------------|

Engineering Core

| | | |
|---|--|--|
| ECE 102: Engineering Analysis Tools an or ECE 102AA: Engineering Analysis Tools an AND | 4 hrs  | The combination of these two courses transfer as FSE 100 and ASU 101 at ASU. Students must take both to get credit for both. |
| ECE 103: Engineering Problem Solving a or ECE 103AB: Engineering Problem Solving a or ECE 103EP: Engineering Problem Solving and Design (with EPICS projects) | | |

| | |
|---|---------|
| CSC 110: Introduction to Computer Science or CSC 110AA: Introduction to Computer Science or CSC 110AB: Intro to Computer Science (JAVA) | 3-4 hrs |
|---|---------|


| | |
|---|-------|
| CSC 120: Digital Design Fundamentals or EEE 120: Digital Design Fundamentals | 4 hrs |
|---|-------|

| | |
|--|--|
| CSC 205: Object Oriented Programming and Data Structures or CSC 205AA: Object Oriented Programming and Data Structures or CSC 205AB: Object Oriented Programming and Data Structures or CSC 205AC: Object Oriented Programming and Data Structures or CSC 205AD: Object Oriented Programming and Data Structures | 3-4 hrs  |
|--|--|

| | |
|---|-------|
| CSC 230: Computer Organization and Assembly Language or EEE 230: Computer Organization and Assembly Language | 4 hrs |
|---|-------|

| | |
|--|-------|
| CSC 240: Introduction to Different Pro | 3 hrs |
|--|-------|

Additional Lower Division Requirements

| | |
|---|--|
| MAT 227: Discrete Mathematical Structures | 3 hrs  |
|---|--|

| | | |
|-----------------|---------|--|
| Lab Requirement | 0-5 hrs | See http://cidse.engineering.asu.edu/forstudent/undergraduate/majors/computer-science-bs/degreerequireme for list of science options. |
|-----------------|---------|--|

| | | |
|-----------------------|---------|--|
| ECE 104: EPICS Gold I | 0-2 hrs | EPICS is Engineering Projects in Community Service. Students who complete ECE 104 may continue the EPICS sequence at ASU. Consult with Engineering faculty and/or STEM advisors to learn more about EPICS. |
|-----------------------|---------|--|

Total Required Credits: 62

Pathway Agreement

Print

Maricopa Community College District Computer Science (Cybersecurity), BS Pathway 2020-2021

ASU Major: [Computer Science \(Cybersecurity\), BS | Ira A. Fulton Schools of Engineering](#)

Pathway Requirements

First-Year Composition [FYC]

ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL



3 hrs

ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL



3 hrs

Literacy and Critical Inquiry [L]

Literacy and Critical Inquiry [L]

0-3 hrs



Recommend selecting a course that satisfies L (Literacy & Critical Inquiry) and SB (Social-Behavioral Sciences) OR L (Literacy & Critical Inquiry) and HU (Humanities & Fine Arts), OR L (Literacy & Critical Inquiry) and COM, or L (Literacy & Critical Inquiry) and CRE 101 requirements simultaneously.

Mathematical Studies [MA]

MAT 220: Calculus with Analytic Geometry I
or
MAT 221: Calculus with Analytic Geometry I



4-5 hrs

Humanities, Arts, and Design [HU]

Humanities, Arts, and Design

3 hrs

See note regarding Literacy and Critical Inquiry for 3 of the 6 required HU hours.

Humanities, Arts, and Design

3 hrs



Social-Behavioral Science [SB]

Social-Behavioral Science

3 hrs

See note regarding Literacy and Critical Inquiry for 3 of the 6 required SB hours.

Social-Behavioral Science

3 hrs



Natural Science [SQ, SG]

CHM 151: General Chemistry I and
CHM 151LL: General Chemistry I Laboratory OR



4-5 hrs

Select a Biology, Chemistry or Physics sequence. Fulfills the SQ/SG Lab Science requirement at ASU.

PHY 115: University Physics I or
PHY 121: UNIVERSITY PHYSICS I: MECHANICS OR

BIO 181: General Biology (Majors) I

CHM 152: General Chemistry II and
CHM 152LL: General Chemistry II
Laboratory OR



4-5 hrs

PHY 116: University Physics II or
PHY 131: University Physics II: Electricity
and Magnetism OR

BIO 182: General Biology (Majors) II

Pathway Notes





Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements


The recommended MCCCDC associate degree pathway and Arizona General Education Certificate (AGEC) for this major is the Associate of Science, Emphasis in Computer Science degree and AGECS. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Computer Science (Cybersecurity), BS degree program.


In addition to university requirements, the Fulton School of Engineering requires that students must complete the MAPP with a 3.0 cumulative transfer GPA. Note that Arizona State University calculates GPA's differently than the Maricopa Community College District, thus guaranteed admission to the Computer Science (Cybersecurity) BS program is dependent upon calculation of the 3.0 cumulative transfer GPA. Also, MAPP students must have an associate degree in progress or a completed associate degree posted on their transcript when applying for admission or they will be held to regular admission procedures and will not receive MAPP benefits. A total of 64 credit hours will transfer to Arizona State University.


Subject Options


| | |
|--|--|
| MAT 230: Calculus with Analytic Geometry II or MAT 231: Calculus with Analytic Geometry II | 4-5 hrs   |
| MAT 240: Calculus with Analytic Geometry III or MAT 241: Calculus with Analytic Geometry III | 4-5 hrs   |

| | | |
|---|--|--|
| General Education Awareness Areas [C, H, G] Cultural Diversity in the U.S. [C] | 0-3 hrs  | Awareness Area courses may concurrently satisfy HU or SB requirements. |
| Historical or Global Awareness [H] or [G] | 0-3 hrs  | |

| | | |
|--|--|---------------------------------|
| MCCCD Additional Requirements COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs  | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

| | | |
|---|--|--|
| Engineering Core ECE 102: Engineering Analysis Tools an or ECE 102AA: Engineering Analysis Tools an AND | 4 hrs  | The combination of these two courses transfer as FSE 100 and ASU 101 at ASU. Students must take both to get credit for both. |
| ECE 103: Engineering Problem Solving a or ECE 103AB: Engineering Problem Solving a or ECE 103EP: Engineering Problem Solving and Design (with EPICS projects) | | |

| | |
|--|--|
| CSC 110: Introduction to Computer Science or CSC 110AA: Introduction to Computer Science or CSC 110AB: Intro to Computer Science (JAVA) | 3-4 hrs |
| CSC 120: Digital Design Fundamentals or EEE 120: Digital Design Fundamentals | 4 hrs |
| CSC 205: Object Oriented Programming and Data Structures or CSC 205AA: Object Oriented Programming and Data Structures or CSC 205AB: Object Oriented Programming and Data Structures or CSC 205AC: Object Oriented Programming and Data Structures or CSC 205AD: Object Oriented Programming and Data Structures | 3-4 hrs  |
| CSC 240: Introduction to Different Pro | 3 hrs |
| CSC 230: Computer Organization and Assembly Language or EEE 230: Computer Organization and Assembly Language | 4 hrs |

| | | |
|---|--|--|
| Additional Lower Division Requirements MAT 227: Discrete Mathematical Structures | 3 hrs  | |
| Lab Requirement | 0-5 hrs | See http://cidse.engineering.asu.edu/forstudent/undergraduate/majors/computer-science-bs/degreerequireme for list of science options. |
| ECE 104: EPICS Gold I | 0-2 hrs | EPICS is Engineering Projects in Community Service. Students who complete ECE 104 may continue the EPICS sequence at ASU. Consult with Engineering faculty and/or STEM advisors to learn more about EPICS. |

Total Required Credits: 62





Pathway Agreement


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Maricopa Community College District Computer Science (Software Engineering), BS Pathway 2020-2021



ASU Major: [Computer Science \(Software Engineering\), BS | Ira A. Fulton Schools of Engineering](#)



Pathway Requirements





| | |
|--|---|
| First-Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL |   |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL |   |

| | | |
|---|--|---|
| Literacy and Critical Inquiry [L] Literacy and Critical Inquiry [L] |  | 0-3 hrs Recommend selecting a course that satisfies L (Literacy & Critical Inquiry) and SB (Social-Behavioral Sciences), OR L (Literacy & Critical Inquiry) and HU (Humanities & Fine Arts), OR L (Literacy & Critical Inquiry) and COM, or L (Literacy & Critical Inquiry) and CRE 101 requirements simultaneously. |
|---|--|---|

| | |
|--|---|
| Mathematical Studies [MA] MAT 220: Calculus with Analytic Geometry I or MAT 221: Calculus with Analytic Geometry I |   |
|--|---|

| | | |
|--|---|---|
| Humanities, Arts, and Design [HU] Humanities, Arts, and Design |  | 3 hrs See note regarding Literacy and Critical Inquiry for 3 of the 6 required HU hours. |
| Humanities, Arts, and Design |  | 3 hrs |

| | | |
|--|---|---|
| Social-Behavioral Science [SB] Social-Behavioral Science |  | 3 hrs See note regarding Literacy and Critical Inquiry for 3 of the 6 required SB hours. |
| Social-Behavioral Science |  | 3 hrs |

| | | |
|---|---|--|
| Natural Science [SQ, SG] CHM 151: General Chemistry I and CHM 151LL: General Chemistry I Laboratory OR PHY 115: University Physics I or PHY 121: UNIVERSITY PHYSICS I: MECHANICS OR BIO 181: General Biology (Majors) I |   | 4-5 hrs Select a Biology, Chemistry or Physics sequence. Fulfills the SQ/SG Lab Science requirement at ASU. |
| CHM 152: General Chemistry II and CHM 152LL: General Chemistry II Laboratory OR PHY 116: University Physics II or PHY 131: University Physics II: Electricity and Magnetism OR BIO 182: General Biology (Majors) II |   | 4-5 hrs |

Subject Options





Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.



Special Requirements

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major is the Associate in Science, Emphasis in Computer Science degree and AGECS-S. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Computer Science (Software Engineering), BS degree program.


In addition to university requirements, the Fulton School of Engineering requires that students must complete the MAPP with a 3.0 cumulative transfer GPA. Note that Arizona State University calculates GPA's differently than the Maricopa Community College District, thus guaranteed admission to the Computer Science (Software Engineering) BS program is dependent upon calculation of the 3.0 cumulative transfer GPA. Also, MAPP students must have an associate degree in progress or a completed associate degree posted on their transcript when applying for admission or they will be held to regular admission procedures and will not receive MAPP benefits. A total of 64 credit hours will transfer to Arizona State University.

| | |
|--|--|
| MAT 230: Calculus with Analytic Geometry II or MAT 231: Calculus with Analytic Geometry II | 4-5 hrs   |
| MAT 240: Calculus with Analytic Geometry III or MAT 241: Calculus with Analytic Geometry III | 4-5 hrs   |


General Education Awareness Areas [C, H, G]


| | | |
|---|--|--|
| Cultural Diversity in the U.S. [C] | 0-3 hrs  | Awareness Area courses may concurrently satisfy HU or SB requirements. |
| Historical or Global Awareness [H] or [G] | 0-3 hrs  | Awareness Area courses may concurrently satisfy HU or SB requirements. |

MCCCD Additional Requirements


| | | |
|---|--|---------------------------------|
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs  | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Engineering Core

| | | |
|---|--|--|
| ECE 102: Engineering Analysis Tools an or ECE 102AA: Engineering Analysis Tools an AND | 4 hrs  | The combination of these two courses transfer as FSE 100 and ASU 101 at ASU. Students must take both to get credit for both. |
| ECE 103: Engineering Problem Solving a or ECE 103AB: Engineering Problem Solving a or ECE 103EP: Engineering Problem Solving and Design (with EPICS projects) | | |

| | | |
|--|--|--|
| CSC 110: Introduction to Computer Scie or CSC 110AA: Introduction to Computer Scie or CSC 110AB: Intro to Computer Science (JA) | 3-4 hrs | |
| CSC 120: Digital Design Fundamentals or EEE 120: Digital Design Fundamentals | 4 hrs | |
| CSC 205: Object Oriented Programming and Data Structures or CSC 205AA: Object Oriented Programming and Data Structures or CSC 205AB: Object Oriented Programming and Data Structures or CSC 205AC: Object Oriented Programming and Data Structures or CSC 205AD: Object Oriented Programming and Data Structures | 3-4 hrs  | |
| CSC 240: Introduction to Different Pro | 3 hrs | |
| EEE 230: COMPUTER ORG & ASSEMBLY LANGUAGE or CSC 230: COMPUTER ORG & ASSEMBLY LANGUAGE | 4 hrs | |

Additional Lower Division Requirements

| | | |
|---|--|--|
| MAT 227: Discrete Mathematical Structures | 3 hrs  | |
| Lab Requirement | 0-5 hrs | See http://cidse.engineering.asu.edu/forstudent/undergraduate/majors/computer-science-bs/degreerequireme for list of science options. |
| ECE 104: EPICS Gold I | 0-2 hrs | EPICS is Engineering Projects in Community Service. Students who complete ECE 104 may continue the EPICS sequence at ASU. Consult with Engineering faculty and/or STEM advisors to learn more about EPICS. |

Total Required Credits: 62

Pathway Agreement

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Maricopa Community College District Computer Systems Engineering, BSE Pathway 2020-2021

ASU Major: [Computer Systems Engineering, BSE | Ira A. Fulton Schools of Engineering](#)

Pathway Requirements

First-Year Composition [FYC]

ENG 101: First-Year Composition OR



3 hrs

ENG 107: First-Year Composition for ESL

ENG 102: First-Year Composition OR



3 hrs

ENG 108: First-Year Composition for ESL

Mathematical Studies [MA]

MAT 220: Calculus with Analytic Geometry I



4-5 hrs

or
MAT 221: Calculus with Analytic Geometry I

MAT 230: Calculus with Analytic Geometry II



4-5 hrs

or
MAT 231: Calculus with Analytic Geometry II

MAT 240: Calculus with Analytic Geometry III



4-5 hrs

or
MAT 241: Calculus with Analytic Geometry III

MAT 227: Discrete Mathematical Structures



3 hrs

MAT 227, CSC 110, CSC 120, CSC 205, CSC 220 and CSC 230 must be taken before other elective options.

MAT 276: Modern Differential Equations or
MAT 277: Modern Differential Equations



3 hrs

Humanities, Arts, and Design [HU]

Humanities, Arts, and Design [HU] and
General Education Awareness Areas [C, H, G]



3 hrs

Take one course that satisfies Humanities, Arts, and Design AND an Awareness Area requirement.

Humanities, Arts, and Design [HU] and
General Education Awareness Areas [C, H, G]

0-3 hrs

Students should try to cover all awareness areas with their four HU/SB courses.

Social-Behavioral Science [SB]

Social-Behavioral Science [SB] and
General Education Awareness Areas [C, H, G]



3 hrs

Take one course that satisfies Social-Behavioral Science AND an Awareness Area requirement.

Social-Behavioral Science [SB] and
General Education Awareness Areas [C, H, G]

0-3 hrs

Students should try to cover all awareness areas with their four HU/SB courses.

Natural Science [SQ, SG]

Pathway Notes






Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements



Completion of the Maricopa to ASU Engineering Pathway and all special requirements meets ASU major map requirements and guarantees admission to the Computer Systems Engineering and Computer Systems Engineering (Cybersecurity) BSE degree program.


Note: Engineering Core Courses should be completed prior to enrolling in any additional lower division requirement courses. While requirements listed will meet ASU degree requirements, only 64 credit hours are transferable to ASU.

Special Requirements: 3.0 transfer GPA as calculated by ASU for admissions. All courses must be completed with a grade of "C" or better.


| | |
|---|--|
| CHM 151: General Chemistry I and CHM 151LL: General Chemistry I Laboratory OR | 0-4 hrs  |
| CHM 152: General Chemistry II and CHM 152LL: General Chemistry II Laboratory OR | |
| BIO 181: General Biology (Majors) I OR | |
| BIO 182: General Biology (Majors) II | |
| PHY 121: UNIVERSITY PHYSICS I: MECHANICS | 4 hrs   |
| PHY 131: University Physics II: Electricity and Magnetism | 4 hrs   |

Engineering Core

| | | |
|---|--|--|
| ECE 102: Engineering Analysis Tools an or ECE 102AA: Engineering Analysis Tools and Techniques AND | 4 hrs   | The combination of these two courses transfer as FSE 100 and ASU 101 at ASU. Students must take both to get credit for both. |
| ECE 103: Engineering Problem Solving and Design or ECE 103AB: Engineering Problem Solving and Design or ECE 103EP: Engineering Problem Solving and Design (with EPICS projects) | | |

| | |
|---|--|
| CSC 110: Introduction to Computer Science or CSC 110AA: Introduction to Computer Science or CSC 110AB: Intro to Computer Science (JAVA) | 3-4 hrs  |
|---|--|

| | |
|---|-------|
| CSC 120: Digital Design Fundamentals or EEE 120: Digital Design Fundamentals | 4 hrs |
|---|-------|

| | |
|--|--|
| CSC 205: Object Oriented Programming and Data Structures or CSC 205AA: Object Oriented Programming and Data Structures or CSC 205AB: Object Oriented Programming and Data Structures | 3-4 hrs  |
|--|--|

| | |
|---|-------|
| CSC 220: Programming for Computer Engineers or EEE 220: PROGRAMMING for COMPUTER ENGINEERING or CSC 240: Introduction to Different Programming Languages or CSC 240AA: Introduction to Different Programming Languages | 3 hrs |
|---|-------|

| | | |
|-------------------------------|-------|---|
| EEE 202: Circuits and Devices | 5 hrs | Complete additional lower division requirements not to exceed 64 total transfer credits. Students should complete EEE 202, MAT 227, CSC 110, CSC 120, CSC 205, CSC 220 or CSC 240 and CSC 230 before taking other additional courses listed. All other additional requirements listed can be completed after transfer to ASU. |
|-------------------------------|-------|---|

Additional Lower Division Requirements

| | |
|---|-------|
| CSC 230: COMPUTER ORG & ASSEMBLY LANGUAGE or EEE 230: COMPUTER ORG and ASSEMBLY LANGUAGE | 4 hrs |
|---|-------|

| | | |
|-----------------------|---------|---|
| ECE 104: EPICS Gold I | 0-2 hrs | EPICS is Engineering Projects in Community Service. Students who complete ECE 104 may continue the EPICS sequence at ASU. Consult with Engineering faculty and/or STEM advisors to learn more about EPICS |
|-----------------------|---------|---|

Total Required Credits: 64

Pathway Agreement

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Maricopa Community College District Computer Systems Engineering (Cybersecurity), BSE Pathway 2020-2021

ASU Major: [Computer Systems Engineering \(Cybersecurity\), BSE | Ira A. Fulton Schools of Engineering](#)

Pathway Requirements

Engineering Core

ECE 102: Engineering Analysis Tools and or
ECE 102AA: Engineering Analysis Tools and Techniques AND

4 hrs



The combination of these two courses transfer as FSE 100 and ASU 101 at ASU. Students must take both classes to get credit for both.

ECE 103: Engineering Problem Solving and Design or
ECE 103AB: Engineering Problem Solving and Design or
ECE 103EP: Engineering Problem Solving and Design (with EPICS projects)

ENG 102: First-Year Composition OR 3 hrs



ENG 108: First-Year Composition for ESL

ENG 101: First-Year Composition OR 3 hrs



ENG 107: First-Year Composition for ESL

MAT 220: Calculus with Analytic Geometry I or
MAT 221: Calculus with Analytic Geometry I 4-5 hrs



MAT 230: Calculus with Analytic Geometry II or
MAT 231: Calculus with Analytic Geometry II 4-5 hrs



MAT 240: Calculus with Analytic Geometry III or
MAT 241: Calculus with Analytic Geometry III 4-5 hrs



MAT 276: Modern Differential Equations or
MAT 277: Modern Differential Equations 3-4 hrs



PHY 121: UNIVERSITY PHYSICS I: MECHANICS 4 hrs



PHY 131: University Physics II: Electricity and Magnetism 4 hrs



Social-Behavioral Science [SB] and
General Education Awareness Areas [C, H, G] 3 hrs

3 hrs



Take one course that satisfies Social-Behavioral Science AND an Awareness Area requirement.

Humanities, Arts, and Design [HU] and
General Education Awareness Areas [C, H, G] 3 hrs

3 hrs



Take one course that satisfies Humanities, Arts, and Design AND an Awareness Area requirement.

Additional Lower Division Requirements

EEE 202: Circuits and Devices

5 hrs

Complete additional lower division requirements not to exceed 64 total transfer credits. Students should complete EEE 202, MAT 227, CSC 110, CSC 120, CSC 205, CSC 220 and CSC 230 before taking other additional courses listed. All other additional requirements listed can be completed after transfer to ASU.

CHM 151: General Chemistry I and
CHM 151LL: General Chemistry I Laboratory OR 0-4 hrs



CHM 152: General Chemistry II and
CHM 152LL: General Chemistry II Laboratory OR

BIO 181: General Biology (Majors) I OR

BIO 182: General Biology (Majors) II

Pathway Notes




Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Completion of the Maricopa to ASU Engineering Pathway and all special requirements meets ASU major map requirements and guarantees admission to the Computer Systems Engineering and Computer Systems Engineering (Cybersecurity) BSE degree program.

Note: Engineering Core Courses should be completed prior to enrolling in any additional lower division requirement courses. While requirements listed will meet ASU degree requirements, only 64 credit hours are transferable to ASU.

Special Requirements: 3.0 transfer GPA as calculated by ASU for admissions. All courses must be completed with a grade of "C" or better.

| | | |
|--|--|--|
| CSC 110: Introduction to Computer Science (Java) or CSC 110AA: Introduction to Computer Science (Java) or CSC 110AB: Intro to Computer Science (JAVA) | 3-4 hrs  | |
| CSC 120: Digital Design Fundamentals | 4 hrs | |
| CSC 205: Object Oriented Programming and Data Structures or CSC 205AA: Object Oriented Programming and Data Structures or CSC 205AB: Object Oriented Programming and Data Structures | 3-4 hrs  | |
| CSC 220: Programming for Computer Engineers or EEE 220: PROGRAMMING for COMPUTER ENGINEERING | 3 hrs | |
| CSC 230: COMPUTER ORG & ASSEMBLY LANGUAGE | 4 hrs | |
| MAT 227: Discrete Mathematical Structures | 3 hrs  | MAT 227, CSC 110, CSC 120, CSC 205, CSC 220 and CSC 230 must be taken before other elective options |
| Humanities, Arts, and Design [HU] and General Education Awareness Areas [C, H, G] | 0-3 hrs | Students should try to cover Cultural, Global, and Historical awareness areas within all of their HU/SB Courses. |
| Social-Behavioral Science [SB] and General Education Awareness Areas [C, H, G] | 0-3 hrs | Students should try to cover Cultural, Global, and Historical awareness areas within all of their HU/SB Courses. |
| ECE 104: EPICS Gold I | 0-2 hrs | EPICS is Engineering Projects in Community Service. Students who complete ECE 104 may continue the EPICS sequence at ASU. Consult with Engineering faculty and/or STEM advisors to learn more about EPICS. |

Total Required Credits: 64

Pathway Agreement



Print



Maricopa Community College District Conflict Resolution, BA Pathway 2020-2021

ASU Major: [Conflict Resolution, BA | New College of Interdisciplinary Arts and Sciences](#)


Pathway Requirements

First Year Composition [FYC]


ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL   3 hrs


ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL   3 hrs

Literacy and Critical Inquiry [L]

Literacy and Critical Inquiry [L]  3 hrs Recommend POS 115, which can be also used to fulfill 3 credit hours of Politics and Social Problems Focus Area OR Communication and Ethics Focus Area.

Mathematical Studies [MA, CS]

MAT 140: College Mathematics or
MAT 141: College Mathematics or
MAT 142: College Mathematics or
MAT 145: College Mathematics with Review
or
MAT 146: College Mathematics with Review  3-6 hrs


Computer/Statistics/Quantitative Applications
[CS]  3 hrs



Humanities, Arts, and Design [HU]

Humanities, Arts, and Design [HU]  3 hrs


Humanities, Arts, and Design [HU]  3 hrs


Social-Behavioral Science [SB]

Social-Behavioral Science [SB]  3 hrs Recommend COM 230.


COM 100: Introduction to Human
Communication   3 hrs


Natural Science [SQ, SG]

Natural Science [SQ, SG]  4 hrs Select at least one SQ within the Natural Science requirement.

Natural Science [SQ, SG]  4 hrs

General Education Awareness Areas [C, H, G]

Cultural Diversity in the U.S. [C]  0-3 hrs Recommend COM 163, which can also be used to fulfill 3 credit hours of Interpersonal Dynamics Focus Area.

Historical or Global Awareness [H] or [G]  0-3 hrs Recommend POS 125, which can be also used to fulfill 3 credit hours of Global Awareness Focus Area.

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Conflict Resolution B.A. degree program.

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information: <https://transfer.asu.edu/credits>

| | | |
|---|--|---------------------------------|
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0 hrs  | Satisfied by COM 100. |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|--------------------------------|----------|---|
| Focus Area Courses | 0-6 hrs | Students will choose two Focus Areas from which up to six credit hours can be taken at the community college. Focus Areas include: Communication and Ethics; Global Awareness; Interpersonal Dynamics; or Politics and Social Problems. Courses cannot be used to fulfill multiple Focus Area requirements. Courses may be taken after transfer. |
| Lower Division Elective | 0-25 hrs | Within these elective credits, the New College of Interdisciplinary Arts and Sciences Languages and Cultures Requirement may be fulfilled by completing one of the following options before transferring to ASU: Non-English language course at the intermediate level (202 or equivalent), including American Sign Language IV OR two (2) semesters of a current computer language (CSC110 and [CSC200 or CSC205]). Alternatively, students can meet ASU's Languages and Cultures Requirement after transferring by completing an additional 6 credits of upper-division Global or Cultural courses once at ASU. |

Total Required Credits: 60

Track/Groups

Focus Area Courses

| Focus Area Courses | |
|--|--|
| COM 163: Intercultural Communication in Everyday Life or | Interpersonal Dynamics Focus Area |
| COM 263: ELEMENTS OF INTERCULTURAL COMM | Focus Area Courses |
| POS 115: Issues in American Politics | Politics and Social Problems Focus Area OR Communication and Ethics Focus Area |
| Courses | |
| POS 125: Issues in World Politics | Global Awareness and Historical Context Focus Area |
| Focus Area Courses | |
| SOC 241: Race and Ethnic Relations | Politics and Social Problems Focus Area |
| Focus Area Courses | |
| SOC 251: Social Problems | Politics and Social Problems Focus Area |

Pathway Agreement

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Maricopa Community College District Construction Engineering, BSE Pathway 2020-2021

ASU Major: [Construction Engineering, BSE | Ira A. Fulton Schools of Engineering](#)

Pathway Requirements

| | |
|---|--|
| Engineering Core ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL | 3 hrs   |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL | 3 hrs   |
| ECE 102: Engineering Analysis Tools an or ECE 102AA: Engineering Analysis Tools and Techniques AND | 4 hrs  |
| ECE 103: Engineering Problem Solving and Design or ECE 103AB: Engineering Problem Solving and Design or ECE 103EP: Engineering Problem Solving and Design (with EPICS projects) | |
| MAT 220: Calculus with Analytic Geometry I or MAT 221: Calculus with Analytic Geometry I | 4-5 hrs   |
| MAT 230: Calculus with Analytic Geometry II or MAT 231: Calculus with Analytic Geometry II | 4-5 hrs   |
| MAT 240: Calculus with Analytic Geometry III or MAT 241: Calculus with Analytic Geometry III | 4-5 hrs   |
| MAT 276: Modern Differential Equations or MAT 277: Modern Differential Equations | 3-4 hrs  |
| PHY 121: UNIVERSITY PHYSICS I: MECHANICS or PHY 115: University Physics I | 4-5 hrs   |
| PHY 131: University Physics II: Electricity and Magnetism or PHY 116: University Physics II | 4-5 hrs   |
| CHM 150: General Chemistry I and CHM 151LL: General Chemistry I Laboratory OR CHM 150AA: General Chemistry I OR CHM 151: General Chemistry I and CHM 151LL: General Chemistry I Laboratory OR CHM 151AA: General Chemistry I | 4-5 hrs   |
| CHM 152: General Chemistry II and CHM 152LL: General Chemistry II Laboratory OR CHM 152AA: General Chemistry II | 4 hrs   |
| Humanities, Arts, and Design and AGEC Awareness Areas | 3 hrs |
| Social-Behavioral Science and AGEC Awareness Areas | 3 hrs |

Pathway Notes

There are no notes for this pathway



Special Requirements

Completion of the Maricopa to ASU Engineering Pathway and all special requirements meets ASU major map requirements and guarantees admission to the Civil Engineering (Environmental Engineering), Civil Engineering (Sustainable Engineering), and Construction Engineering BSE degree programs.

Pathway Notes: Engineering Core Courses should be completed prior to enrolling in any additional lower division requirement courses. While requirements listed will meet ASU degree requirements, only 64 credit hours are transferable to ASU.

3.0 transfer GPA as calculated by ASU for admissions. All courses must be completed with a grade of "C" or better.

Additional Lower Division Requirements

| | | |
|---|--|---|
| MAT 225: Elementary Linear Algebra | 3 hrs | Complete additional lower division requirements not to exceed 64 total transfer credits. Students should complete MAT 225, ECE 211, ECE 212, ECE 215 and ECN 211 or ECN 212 before taking other additional courses listed. All other additional requirements listed can be completed after transfer to ASU. |
| ECE 211: Engineering Mechanics-Statics | 3 hrs | |
| ECE 212: Engineering Mechanics-Dynamic | 3 hrs | |
| ECE 215: Mechanics of Materials | 3 hrs | |
| ECN 211: Macroeconomic Principles or ECN 212: Microeconomic Principles | 3 hrs  | |
| ECE 111: Bioengineering Systems or GLG 101: Introduction to Geology I - Physical Lecture or BIO 181: General Biology (Majors) I or BIO 182: General Biology (Majors) II | 3-4 hrs  | |
| CON 271: Construction Safety | 3 hrs | |
| EEE 202: Circuits and Devices | 5 hrs | |
| ECE 104: EPICS Gold I | 0-2 hrs | EPICS is Engineering Projects in Community Service. Students who complete ECE 104 may continue the EPICS sequence at ASU. Consult with Engineering faculty and/or STEM advisors to learn more about EPICS. |

Total Required Credits: 73





Pathway Agreement


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Maricopa Community College District Construction Management and Technology, BS Pathway 2020-2021


ASU Major: [Construction Management and Technology, BS | Ira A. Fulton Schools of Engineering](#)


Pathway Requirements





| | |
|--|---|
| First Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL |   3 hrs |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL |   3 hrs |

| | |
|--|--|
| Literacy and Critical Inquiry [L] COM 225: Public Speaking |  3 hrs |
|--|--|


| | |
|--|---|
| Mathematical Studies [MA, CS] MAT 150: College Algebra/Functions and MAT 182: Plane Trigonometry OR MAT 151: College Algebra/Functions and MAT 182: Plane Trigonometry OR MAT 152: College Algebra/Functions and MAT 182: Plane Trigonometry OR MAT 155: College Algebra/Functions with Review and MAT 182: Plane Trigonometry OR MAT 156: College Algebra/Functions with Review and MAT 182: Plane Trigonometry OR MAT 187: Precalculus |   5-9 hrs |
| MAT 206: Elements of Statistics |   3 hrs |

| | |
|---|---|
| Humanities, Arts, and Design [HU] CON 101: Construction and Culture |  3 hrs |
|---|---|

| | | |
|-----------------------------------|---|--|
| Humanities, Arts, and Design [HU] |  3 hrs | Select one course that fulfills both Humanities, Arts, and Design [HU] and Cultural Diversity in the U.S. [C]. |
|-----------------------------------|---|--|

| | |
|--|---|
| Social-Behavioral Science [SB] ECN 211: Macroeconomic Principles |   3 hrs |
| ECN 212: Microeconomic Principles |   3 hrs |

| | |
|---|---|
| Natural Science [SQ, SG] PHY 111: General Physics I |   4 hrs |
|---|---|

| | | |
|----------------------|---|---|
| Natural Science [SQ] |  4 hrs | Select another SQ within the Natural Science requirement. |
|----------------------|---|---|

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate of Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Construction Management B.S. degree program.

Minimum transfer GPA of 3.00 **and** no high school math or science competency deficiencies. OR Minimum transfer GPA of 2.50, **and** Minimum GPA of 2.75 in all ASU Tracking courses (refer to major map for Critical Courses), **and** no high school math or science competency deficiencies.

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information: <https://transfer.asu.edu/credits>.

All courses must be completed with a grade of "C" or better.

General Education Awareness Areas [C, H, G]
Cultural Diversity in the U.S. [C]

0-3 hrs


Historical or Global Awareness [H] or [G]

0 hrs


Satisfied by CON 101.

MCCCD Additional Requirements

COM 100: Introduction to Human Communication or
COM 110: Interpersonal Communication or
COM 225: Public Speaking or
COM 230: Small Group Communication

0 hrs


Satisfied by COM 225.

CRE 101: College Critical Reading

0-3 hrs

Complete CRE 101 or equivalent.

Additional Lower Division Requirements

CON 100: Introduction to Construction

3 hrs

CET 211: Strength of Materials or
CON 223: Strength of Materials

3 hrs

CON 221: Applied Statics

3 hrs

CON 241: Surveying

3 hrs

CON 243: Heavy Construction Equipment,
Methods, and Materials

3 hrs

CON 244: Working Drawing Analysis:
Blueprint Reading

3 hrs

CON 252: Building Construction Methods,
Materials, and Equipment

3 hrs

CON 251: Microcomputers for Constructors

3 hrs

CON 271: Construction Safety

0-3 hrs

May be taken after transferring.

CON 273: Electrical Construction
Fundamentals

3 hrs

ECE 104: EPICS Gold I

0-2 hrs

EPICS is Engineering Projects in Community Service. Students who complete ECE 104 may continue the EPICS sequence at ASU. Consult with Engineering faculty and/or STEM advisors to learn more about EPICS.

Total Required Credits: 64

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Maricopa Community College District Counseling and Applied Psychological Science, BS Pathway 2020-2021



ASU Major: [Counseling and Applied Psychological Science, BS](#) | College of Integrative Sciences and Arts

Pathway Requirements

First Year Composition [FYC]
ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL   3 hrs

ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL   3 hrs

Literacy and Critical Inquiry [L]
Literacy and Critical Inquiry [L]  3 hrs

Mathematical Studies [MA, CS]
MAT 150: College Algebra/Functions and
MAT 182: Plane Trigonometry OR   5-9 hrs


MAT 151: College Algebra/Functions and
MAT 182: Plane Trigonometry OR


MAT 152: College Algebra/Functions and
MAT 182: Plane Trigonometry OR


MAT 155: College Algebra/Functions with
Review and
MAT 182: Plane Trigonometry OR


MAT 156: College Algebra/Functions with
Review and
MAT 182: Plane Trigonometry OR


MAT 187: Precalculus


PSY 230: Introduction to Statistics  3 hrs


Humanities, Arts, and Design [HU]
Humanities, Arts, and Design [HU]  3 hrs

Humanities, Arts, and Design [HU]  3 hrs

Social-Behavioral Science [SB]
PSY 101: Introduction to Psychology  3 hrs

Social-Behavioral Science [SB]  0 hrs Met by CPD 120.

Natural Science [SQ, SG]
Any Course that transfers to ASU with an ABS or BIO prefix and
meets [SQ]  4 hrs Check Course Equivalency Guide on
aztransfer.com to verify that course selected
transfers to ABS or BIO at ASU and meets [SQ]
the semester it is taken.

PSY 290AB: Research Methods or
PSY 290AC: Research Methods  4 hrs Meets [SG]

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

The recommended MCCCDC associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Emphasis in Counseling and Applied Psychological Science and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Counseling and Applied Psychological Science, BS degree program.

General Education Awareness Areas [C, H, G]
Cultural Diversity in the U.S. [C]

| | | |
|---|---------|-----------------|
| | 0 hrs | Met by CPD 220. |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

MCCCD Additional Requirements

| | | |
|---|---------|---------------------------------|
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|----------|---|
| CPD 120: Introduction to Counseling | 3 hrs | |
| CPD 220: The Counselor in a Multicultural Society | 3 hrs | Meets Cultural Diversity [C] requirement. |
| CPD 240: Introduction to Counseling Skills | 3 hrs | |
| Lower Division Elective | 3-17 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. CPD 260 is recommended because it is a required course for the AA, Emphasis in Counseling and Applied Psychological Science degree. |

Total Required Credits: 60

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Maricopa Community College District


Counseling and Applied Psychological Science (Substance Abuse and Addictions), BS Pathway


2020-2021

ASU Major: [Counseling and Applied Psychological Science \(Substance Abuse and Addictions\), BS](#) | College of Integrative Sciences and Arts


Pathway Requirements

First Year Composition [FYC]


ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL  3 hrs

ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL  3 hrs

Literacy and Critical Inquiry [L]

Literacy and Critical Inquiry [L]  3 hrs

Mathematical Studies [MA, CS]

MAT 150: College Algebra/Functions and
MAT 182: Plane Trigonometry or
MAT 151: College Algebra/Functions and
MAT 182: Plane Trigonometry or
MAT 152: College Algebra/Functions and
MAT 182: Plane Trigonometry or
MAT 155: College Algebra/Functions with
Review and
MAT 182: Plane Trigonometry or
MAT 156: College Algebra/Functions with
Review and
MAT 182: Plane Trigonometry or
MAT 187: Precalculus  5-9 hrs

PSY 230: Introduction to Statistics 3 hrs


Humanities, Arts, and Design [HU]

Humanities, Arts, and Design [HU] 3 hrs


Humanities, Arts, and Design [HU] 3 hrs


Social-Behavioral Science [SB]

CPD 120: Introduction to Counseling 3 hrs

PSY 101: Introduction to Psychology  3 hrs

Natural Science [SQ, SG]

BIO 181: General Biology (Majors) I or
BIO 181XT: General Bio (Majors) I  4 hrs Meets [SQ]

PSY 290AB: Research Methods or
PSY 290AC: Research Methods  4 hrs Meets [SG]

General Education Awareness Areas [C, H, G]

Cultural Diversity in the U.S. [C] 0 hrs Met by CPD 220

Historical or Global Awareness [H] or [G] 0-3 hrs

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

The recommended MCCC associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Emphasis in Counseling and Applied Psychological Science and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Counseling and Applied Psychological Science, BS degree program.

MCCCD Additional Requirements

COM 100: Introduction to Human Communication or
COM 110: Interpersonal Communication or
COM 225: Public Speaking or
COM 230: Small Group Communication



0-3 hrs

CRE 101: College Critical Reading and Critical Thinking 0-3 hrs Complete CRE 101 or equivalent.

Additional Lower Division Requirements

CPD 220: The Counselor in a Multicultural Society 3 hrs Meets Cultural Diversity [C]

CPD 240: Introduction to Counseling Skills 3 hrs

Lower Division Elective 17 hrs Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. CPD 260 (3 cr.) is recommended because it is a required course for the AA, Emphasis in Counseling and Applied Psychological Science Degree.

Total Required Credits: 60

Pathway Agreement



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Maricopa Community College District Criminology and Criminal Justice, BS Pathway 2020-2021

ASU Major: [Criminology and Criminal Justice, BS](#) | College of Public Service and Community Solutions


Pathway Requirements

First Year Composition [FYC]

ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL   3 hrs

ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL   3 hrs


Literacy and Critical Inquiry [L]

Literacy and Critical Inquiry  3 hrs

Mathematical Studies [MA, CS]

MAT 140: College Mathematics or
MAT 141: College Mathematics or
MAT 142: College Mathematics or
MAT 145: College Mathematics with Review
or
MAT 146: College Mathematics with Review
OR

MAT 150: College Algebra/Functions or
MAT 151: College Algebra/Functions or
MAT 152: College Algebra/Functions or
MAT 155: College Algebra/Functions with
Review or
MAT 156: College Algebra/Functions with
Review


Computer/Statistics/Quantitative Analysis  3 hrs



Humanities, Arts, and Design [HU]

Humanities, Arts, and Design  3 hrs


Humanities, Arts, and Design  3 hrs


Social-Behavioral Science [SB]

SWU 171: Introduction to Social Welfare  3 hrs
SWU Courses - ASU Criminal Justice & Criminology BS requires 9 credit hours (3 courses) to fulfill the Public Programs Interdisciplinary requirement. Two courses are taken prior to transfer to ASU. The remaining course will be taken after transfer.

PSY 101: Introduction to Psychology or
SOC 101: Introduction to Sociology   3 hrs

Natural Science [SQ, SG]

Natural Science  4 hrs
Select at least one SQ within the Natural Science requirement.

Natural Science  4 hrs

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Criminal Justice & Criminology B.S. degree program.

General Education Awareness Areas [C, H, G]
Cultural Diversity in the U.S. [C]

0-3 hrs


Historical or Global Awareness [H] or [G]

0-3 hrs


3 credit hours [H] satisfied by SWU 171.

MCCCD Additional Requirements

COM 100: Introduction to Human Communication or
COM 110: Interpersonal Communication or
COM 225: Public Speaking or
COM 230: Small Group Communication

0-3 hrs


CRE 101: College Critical Reading

0-3 hrs

Complete CRE 101 or equivalent.

Additional Lower Division Requirements

AJS 101: Introduction To Criminal Justice

3 hrs

AJS 113: Criminal Justice Crime Control

3 hrs

AJS 230: The Police Function

3 hrs

AJS 240: The Correction Function

3 hrs

AJS 212: Juvenile Justice Procedures OR

6 hrs

Take two of the following courses.

AJS 109: Substantive Criminal Law OR

AJS 270: Community Relations

REC 120: Leisure and the Quality of Life

3 hrs

REC 120, PRM 120 - ASU Criminal Justice & Criminology BS requires 9 credit hours (3 courses) to fulfill the Public Program interdisciplinary requirement. Two courses are taken prior to transfer to ASU. The remaining course will be taken after transfer.

Criminal Justice Elective

3 hrs

Criminal Justice Elective: Select one course (3 hours) that transfers to ASU as a 200-level course with CRJ prefix. You may select specific courses from the Course Equivalency Guide that satisfy these criteria. Determination is made based on the semester and year the course is taken.

Lower Division Elective

0-3 hrs

Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements.

Total Required Credits: 62





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Maricopa Community College District
Dance, BFA Pathway
2020-2021



ASU Major: [Dance, BFA | Herberger Institute for Design and the Arts](#)



Pathway Requirements




| | |
|--|---|
| First Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL |   3 hrs |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL |   3 hrs |

| | |
|---|-------|
| Literacy and Critical Inquiry [L] Literacy and Critical Inquiry [L] | 3 hrs |
|---|-------|

| | |
|---|---|
| Mathematical Studies [MA, CS] MAT 140: College Mathematics or MAT 141: College Mathematics or MAT 142: College Mathematics or MAT 145: College Mathematics with Review or MAT 146: College Mathematics with Review or Higher level course that meets MA requirement |  3-6 hrs |
| Computer/Statistics/Quantitative Applications [CS] |  3 hrs |

| | |
|--|---|
| Humanities, Arts, and Design [HU] DAH 100: Introduction to Dance |  3 hrs |
| DAH 201: World Dance Studies |  3 hrs |

| | | |
|---|---|---|
| Social-Behavioral Science [SB] Social-Behavioral Science [SB] |  3 hrs | Selecting a course that also meets Cultural Diversity [C] is recommended. |
| Social-Behavioral Science [SB] |  3 hrs | Per MCCCCD, COM 100 or COM 110 or COM 230 are recommended to also meet MCCCCD additional requirement. |

| | | |
|---|---|---|
| Natural Science [SQ, SG] Natural Science [SQ, SG] |   4 hrs | Select at least one SQ within the Natural Science requirement Per MCCCCD requirements, BIO 160 or BIO 201 are required for the AAFA, Emphasis in Dance. Check Course Equivalency Guide on aztransfer.com for the SQ or SG value in place the semester the course is taken. |
| Natural Science [SQ, SG] |  4 hrs | Select at least one SQ within the Natural Science requirement |

General Education Awareness Areas [C, H, G]

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.


Special Requirements

Bachelor of Fine Arts in Dance or Bachelor of Fine Arts in Dance Education

- Acceptance into the BFA Dance or BFA Dance Education programs are contingent upon students having an Associates in Arts, Fine Arts (AAFA), Emphasis in Dance degree and a successful dance interview the semester before transferring to ASU. Visit asu.edu/admissions/bachelor-of-fine for dance interview application and deadline.

| | | |
|---|---------|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs |  |
| Historical or Global Awareness [H] or [G] | 0 hrs | [G] met by DAH 201.  |

MCCCD Additional Requirements

| | | |
|---|---------|---|
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs |  |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|--------------|---|
| DAN 150: Dance Performance I | 1 hrs | |
| DAN 210: Dance Production I | 3 hrs | |
| DAN 221: Rhythmic Awareness I | 3 hrs | |
| DAN 264: Choreography I | 3 hrs | |
| DAN 280: Dance Practicum | 2 hrs | |
| Personal Movement Practice Courses | 9 hrs | Choose 9 credits of dance courses to fulfill specific lower division Personal Movement Practice requirements at ASU from the course list below. |
| DAN 170: Dance Kinesiology OR DAN 220: Dance Career Preparation OR DAN 265: Choreography II | 6 hrs | Choose two courses. Meets Restricted Electives requirement on the Associate in Arts, Fine Arts-Dance. |
| Successful completion of dance interview | 0 hrs | See special requirements. |

Total Required Credits: 62

Track/Groups

Personal Movement Practice Courses

| Personal Movement Practice Courses |
|---|
| DAN 131: Ballet I or DAN 132: Modern Dance I or DAN 133: Jazz Dance I or DAN 134: Ballet II or DAN 135: Modern Dance II or DAN 136: Jazz Dance II or DAN 231: Ballet III or DAN 231AA: Ballet III: Intensive or DAN 232: Modern Dance III or DAN 232AA: Modern Dance III: Intensive or DAN 233: Jazz Dance III or DAN 233AA: Jazz Dance III: Intensive or DAN 234: Ballet IV or DAN 234AA: Ballet IV: Intensive or DAN 235: Modern Dance IV or DAN 236: Jazz Dance IV or DAN 236AA: Jazz Dance IV: Intensive or DAN 290AA: Dance Conservatory I or DAN 290AB: Dance Conservatory I or DAN 290AC: Dance Conservatory I or DAN 291AA: Dance Conservatory II or DAN 291AB: Dance Conservatory II or DAN 291AC: Dance Conservatory II or DAN 292AA: Dance Conservatory III or DAN 292AB: Dance Conservatory III or DAN 292AC: Dance Conservatory III |

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Maricopa Community College District Dance (Dance Education), BFA Pathway 2020-2021


ASU Major: [Dance \(Dance Education\), BFA | Herberger Institute for Design and the Arts](#)


Pathway Requirements


First Year Composition [FYC]
ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL   3 hrs

ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL   3 hrs



Literacy and Critical Inquiry [L]
Literacy and Critical Inquiry [L] 3 hrs



Mathematical Studies [MA, CS]
MAT 140: College Mathematics or
MAT 141: College Mathematics or
MAT 142: College Mathematics or
MAT 145: College Mathematics with Review
or
MAT 146: College Mathematics with Review
or
Higher level course that meets MA
requirement  3-6 hrs



Computer/Statistics/Quantitative Applications
[CS]  3 hrs

Humanities, Arts, and Design [HU]
DAH 100: Introduction to Dance  3 hrs

DAH 201: World Dance Studies  3 hrs

Social-Behavioral Science [SB]
Social-Behavioral Science [SB]   3 hrs Selecting a course that also meets Cultural Diversity [C] is recommended.

Social-Behavioral Science [SB]   3 hrs Per MCCCCD, COM 100 or COM 110 or COM 230 are recommended to also meet MCCCCD additional requirement.

Natural Science [SQ, SG]
Natural Science [SQ, SG]   4 hrs Select at least one SQ within the Natural Science requirement

Per MCCCCD requirements, BIO 160 or BIO 201 are required for the AAFA, Emphasis in Dance. Check Course Equivalency Guide on [aztransfer.com](#) for the SQ or SG value in place the semester the course is taken.

Natural Science [SQ, SG]   4 hrs Select at least one SQ within the Natural Science requirement

General Education Awareness Areas [C, H, G]

Pathway Notes


Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Bachelor of Fine Arts in Dance or Bachelor of Fine Arts in Dance Education

- Acceptance into the BFA Dance or BFA Dance Education programs are contingent upon students having an Associates in Arts, Fine Arts (AAFA), Emphasis in Dance degree - Dance degree and a successful dance interview the semester before transferring to ASU. Visit asu.edu/admissions/bachelor-of-fine for dance interview application and deadline.

| | | |
|---|---------|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs |  |
| Historical or Global Awareness [H] or [G] | 0-3 hrs |  [G] met by DAH 201. |

| | | |
|---|---------|---|
| MCCCD Additional Requirements | | |
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs |  |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

| | | |
|---|--------------|---|
| Additional Lower Division Requirements | | |
| DAN 150: Dance Performance I | 1 hrs | |
| DAN 210: Dance Production I | 3 hrs | |
| DAN 221: Rhythmic Awareness I | 3 hrs | |
| DAN 264: Choreography I | 3 hrs | |
| DAN 280: Dance Practicum | 2 hrs | |
| Personal Movement Practice Courses | 9 hrs | Choose 9 credits of dance courses to fulfill specific lower division Personal Movement Practice requirements at ASU from the course list below. |
| DAN 170: Dance Kinesiology OR DAN 220: Dance Career Preparation OR DAN 265: Choreography II | 6 hrs | Choose two courses. Meets Restricted Electives requirement on the Associate in Arts, Fine Arts-Dance. |
| Successful completion of dance interview | 0 hrs | See special requirements. |

Total Required Credits: 62

Track/Groups

Personal Movement Practice Courses

| Personal Movement Practice Courses |
|---|
| DAN 131: Ballet I or DAN 132: Modern Dance I or DAN 133: Jazz Dance I or DAN 134: Ballet II or DAN 135: Modern Dance II or DAN 136: Jazz Dance II or DAN 231: Ballet III or DAN 231AA: Ballet III: Intensive or DAN 232: Modern Dance III or DAN 232AA: Modern Dance III: Intensive or DAN 233: Jazz Dance III or DAN 233AA: Jazz Dance III: Intensive or DAN 234: Ballet IV or DAN 234AA: Ballet IV: Intensive or DAN 235: Modern Dance IV or DAN 236: Jazz Dance IV or DAN 236AA: Jazz Dance IV: Intensive or DAN 290AA: Dance Conservatory I or DAN 290AB: Dance Conservatory I or DAN 290AC: Dance Conservatory I or DAN 291AA: Dance Conservatory II or DAN 291AB: Dance Conservatory II or DAN 291AC: Dance Conservatory II or DAN 292AA: Dance Conservatory III or DAN 292AB: Dance Conservatory III or DAN 292AC: Dance Conservatory III |





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Maricopa Community College District Dietetics, BS Pathway 2020-2021



ASU Major: [Dietetics, BS](#) | [College of Health Solutions](#)



Pathway Requirements




| | |
|--|---|
| First Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL |   3 hrs |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL |   3 hrs |





| | |
|--|--|
| Literacy and Critical Inquiry [L] EXS 290: Introduction to Evidence-Based Practice |  3 hrs |
|--|--|

| | |
|---|---|
| Mathematical Studies [MA, CS] MAT 150: College Algebra/Functions or MAT 151: College Algebra/Functions or MAT 151AA: College Algebra/Functions I or MAT 151AB: College Algebra/Functions II or MAT 151AC: College Algebra/Functions III or MAT 151AD: College Algebra/Functions IV or MAT 152: College Algebra/Functions or MAT 155: College Algebra/Functions with Review or MAT 156: College Algebra/Functions with Review |   3-5 hrs |
|---|---|

| | | |
|---|---|---|
| Computer/Statistics/Quantitative Analysis |   0-3 hrs | STP 231 or HCD 300 can fulfill the [CS] requirement and can be taken after transfer at ASU. |
|---|---|---|

| | |
|---|---|
| Humanities, Arts, and Design [HU] Humanities, Arts, and Design [HU] |  3 hrs |
| Humanities, Arts, and Design [HU] |  3 hrs |

| | |
|--|---|
| Social-Behavioral Science [SB] PSY 101: Introduction to Psychology |   3 hrs |
| Social-Behavioral Science [SB] |  3 hrs |

| | |
|---|---|
| Natural Science [SQ, SG] CHM 130: Fundamental Chemistry and CHM 130LL: Fundamental Chemistry Laborat OR |   4 hrs |
| CHM 130AA: Fundamental Chemistry with Lab | |
| BIO 201: Human Anatomy and Physiology I |   4 hrs |

General Education Awareness Areas [C, H, G]

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.



Special Requirements


Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Dietetics B.S. degree program.

All courses must be completed with a grade of "C" or better.



ASU's Dietetics BS degree meets the Academy of Nutrition and Dietetics Didactic Program in Dietetics (DPD) requirements which qualifies students to apply for a Dietetic Internship.

Students must maintain a 3.0 cumulative gpa to remain in the major at ASU.

| | | |
|---|---------|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs |  |
| Historical or Global Awareness [H] or [G] | 0-3 hrs |  |

| | | |
|--|---------|---|
| MCCCD Additional Requirements COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs |  |
|--|---------|---|

| | | |
|-----------------------------------|---------|---------------------------------|
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |
|-----------------------------------|---------|---------------------------------|

| | | |
|---|-------|---|
| Additional Lower Division Requirements BIO 202: Human Anatomy and Physiology II | 4 hrs |  |
| BIO 205: Microbiology | 4 hrs |  |
| CHM 230: Fundamental Organic Chemistry and CHM 230LL: Fundamental Organic Chemistry Laboratory | 4 hrs |  |
| FON 125: Introduction to Professions in Food, Nutrition, and Dietetics | 1 hrs | |
| FON 142AB: Applied Food Principles | 3 hrs | |
| FON 241: Principles of Human Nutrition | 3 hrs | |

| | | |
|-------------------------|---------|--|
| Lower Division Elective | 0-9 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |
|-------------------------|---------|--|

Total Required Credits: 60

Pathway Agreement

Print

Maricopa Community College District Digital Culture (Art), BA Pathway 2020-2021


ASU Major: [Digital Culture \(Art\), BA | Herberger Institute for Design and the Arts](#)


Pathway Requirements

First Year Composition [FYC]
ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL   3 hrs


ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL   3 hrs


Literacy and Critical Inquiry [L]
Literacy and Critical Inquiry  3 hrs


Mathematical Studies [MA, CS]
MAT 212: Brief Calculus or
MAT 213: Brief Calculus  3-4 hrs

Computer/Statistics/Quantitative Analysis  3 hrs


Humanities, Arts, and Design [HU]
ARH 102: Renaissance Through
Contemporary or
ARH 115: History of Photography   3 hrs


Humanities, Arts, and Design  3 hrs


Social-Behavioral Science [SB]
Social-Behavioral Science  3 hrs

Social-Behavioral Science  3 hrs

Natural Science [SQ, SG]
Natural Science  4 hrs Select at least one course with the SQ designation. PHY 101 recommended.

Natural Science  4 hrs

General Education Awareness Areas [C, H, G]
Cultural Diversity in the U.S. [C]  0-3 hrs [C] can be shared with [SB].

Historical or Global Awareness [H] or [G]  0-3 hrs [H] will be satisfied if ARH 102 taken. [G] can be shared with [HU].

MCCCD Additional Requirements


Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.


Special Requirements


Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Digital Culture (Art), BA degree program.

Students interested in pursuing Digital Culture must successfully pass the Digital Culture Questionnaire requirement to be admitted into this major at ASU. Students should submit the questionnaire in their last semester at the Community College. For more information, please visit: <http://herbergerinstitute.asu.edu/degrees/digital>

| | | | |
|---|---------|---|---------------------------------|
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs |  | |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | | |
|---|-------|---|---|
| ARH 102: College Critical Reading and Critical Thinking or ARH 115: History of Photography or DAH 100: Introduction to Dance or DAH 250: Dance in Popular Culture or HUM 205: Introduction to Cinema or HUM 206: INTRODUCTION TO TELEVISION ARTS or HUM 210: Contemporary Cinema or MHL 140: Survey of Music History or MHL 143: Music in World Cultures or MHL 145: American Jazz and Popular Music or MHL 146: Survey of Broadway Musicals or MHL 153: Rock Music and Culture or MHL 155: Survey of American Music or THE 111: Introduction to Theatre or THF 206: Introduction to Television Arts or THF 210: Contemporary Cinema | 3 hrs |  | If a course on the approved HU course list is selected, it may be shared with HU. |
|---|-------|---|---|

| | | | |
|---|---------|---|--|
| ART 111: Drawing I or ART 112: Two-Dimensional Design or ART 113: Color | 3 hrs |  | |
| ART 185: 3-D Modeling for Animation or ART 284: Intermedia Animation or CIS 120DC: Adobe Animate: Digital Animation or ART 202: Digital Arts Survey | 3 hrs | | |
| ART 190: Art of Web Site Design or ART 202: Digital Arts Survey or ART 142: Introduction to Digital Photo or MTC 191: Electronic Music I or ART 184: Computer Animation or CIS 133DA: Internet/Web Development Level I | 3 hrs | | |
| CIS 120DA: Introduction to Digital Video Editing: Adobe Premiere or CIS 120DF: Adobe Photoshop Level I: Digital Imaging or CIS 120DK: Introduction to Digital Video Editing or CIS 150: Programming Fundamentals or MTC 180: COMPUTER LITERACY for MUSICIANS or CIS 120AJ: Introduction to Digital Photo Editing | 1-3 hrs | | |
| CIS 163AA: Java Programming: Level I or CSC 110: Introduction to Computer Science (Java) | 3 hrs | | |
| Lower Division Elective | 0-9 hrs | | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60





Pathway Agreement


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

Maricopa Community College District
Digital Culture (Film), BA Pathway
2020-2021



ASU Major: [Digital Culture \(Film\), BA | Herberger Institute for Design and the Arts](#)



Pathway Requirements



| | |
|--|---|
| First Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL |   3 hrs |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL |   3 hrs |



| | |
|---|--|
| Literacy and Critical Inquiry [L] Literacy and Critical Inquiry |  3 hrs |
|---|--|

| | |
|---|---|
| Mathematical Studies [MA, CS] MAT 212: Brief Calculus or MAT 213: Brief Calculus |  3-4 hrs |
| Computer/Statistics/Quantitative Analysis |  3 hrs |

| | |
|---|---|
| Humanities, Arts, and Design [HU] HUM 210: Contemporary Cinema or THF 210: Contemporary Cinema |  3 hrs |
| Humanities, Arts, and Design |  3 hrs |

| | |
|--|---|
| Social-Behavioral Science [SB] Social-Behavioral Science |  3 hrs |
| Social-Behavioral Science |  3 hrs |

| | | |
|--|---|---|
| Natural Science [SQ, SG] Natural Science |  4 hrs | Select at least one SQ within the Natural Science requirement. PHY 101 recommended. |
| Natural Science |  4 hrs | |

| | |
|--|---|
| General Education Awareness Areas [C, H, G] Cultural Diversity in the U.S. [C] |  0-3 hrs |
| Historical or Global Awareness [H] or [G] |  0-3 hrs |



MCCCD Additional Requirements

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Digital Culture (Film) BA degree program.

| | | | |
|--|----------|---|--|
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs |  | |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | | Complete CRE 101 or equivalent. |
| Additional Lower Division Requirements | | | |
| ARH 102: Renaissance Through Contemporary Art or ARH 112: History of Modern Art or DAH 100: Introduction to Dance or DAH 250: Dance in Popular Culture or HUM 205: Introduction to Cinema or HUM 206: INTRODUCTION TO TELEVISION ARTS or MHL 140: Survey of Music History or MHL 143: Music in World Cultures or MHL 145: American Jazz and Popular Music or MHL 146: Survey of Broadway Musicals or MHL 153: Rock Music and Culture or MHL 155: Survey of American Music or THE 111: Introduction to Theatre or THF 206: Introduction to Television Arts or THF 205: Introduction to Cinema | 3 hrs |  | |
| ART 190: Art of Web Site Design or ART 202: Digital Arts Survey or ART 142: Introduction to Digital Photography or MTC 191: Electronic Music I or ART 184: Computer Animation or ADA 184: Computer Animation or MMT 184: Computer Animation or MMT 190: Art of Web Site Design | 3 hrs | | |
| CIS 120DA: Introduction to Digital Video Editing: Adobe Premiere or CIS 120DF: Adobe Photoshop Level I: Digital Imaging or CIS 120DK: Introduction to Digital Vvideo Editing or CIS 150: Programming Fundamentals or MTC 180: COMPUTER LITERACY for MUSICIANS or CIS 120AJ: Introduction to Digital Photo Editing | 1-3 hrs | | |
| CIS 163AA: Java Programming: Level I or CSC 110: Introduction to Computer Science (Java) | 3 hrs | | |
| Complete any course that transfers to ASU with a FMP, FMS, THP, or THE prefix. | 3 hrs | | |
| Lower Division Elective | 0-12 hrs | | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60

Pathway Agreement



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Maricopa Community College District
Digital Culture (Media Processing), BS Pathway
2020-2021

ASU Major: [Digital Culture \(Media Processing\), BS | Herberger Institute for Design and the Arts](#)


Pathway Requirements


First Year Composition [FYC]
 ENG 101: First-Year Composition or
 ENG 107: First-Year Composition for ESL   3 hrs



ENG 102: First-Year Composition or
 ENG 108: First-Year Composition for ESL   3 hrs


Literacy and Critical Inquiry [L]
 Literacy and Critical Inquiry [L]  3 hrs


Mathematical Studies [MA, CS]
 MAT 212: Brief Calculus or
 MAT 213: Brief Calculus   4-5 hrs


CSC 110: Introduction to Computer Science
 (Java)  3 hrs


Humanities, Arts, and Design [HU]
 Humanities, Arts, and Design [HU]  3 hrs


Humanities, Arts, and Design [HU]   3 hrs


Social-Behavioral Science [SB]
 Social-Behavioral Science [SB]  3 hrs

Social-Behavioral Science [SB]  3 hrs

Natural Science [SQ, SG]
 Natural Science [SQ, SG]  4 hrs Select at least one SQ. PHY 101 recommended.

Natural Science [SQ, SG]  4 hrs

General Education Awareness Areas [C, H, G]
 Cultural Diversity in the U.S. [C]  0-3 hrs

Historical or Global Awareness [H] or [G]  0-3 hrs




MCCCD Additional Requirements

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Digital Culture (Media Processing), BS degree program.

| | | |
|---|--|---|
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs  | |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |
| Additional Lower Division Requirements | | |
| CSC 205: Object Oriented Programming and Data Structures | 3 hrs  | |
| CSC 240: Introduction to Different Programming Languages | 3 hrs | |
| ART 178: Digital Arts Studies | 3 hrs | Course availability may be limited. Discuss your educational plan/course sequence and transfer timeline with MCCC and ASU academic advisors early in your program. |
| ART 246: Introduction to Digital 3D Fabrication Tools or THP 246: Introduction to Digital 3D Fabrication Tools | 3 hrs | Course availability may be limited. Discuss your educational plan/course sequence and transfer timeline with MCCC and ASU academic advisors early in your program. |
| CSC 220: Programming for Computer Engineering or EEE 220: Programming for Computer Engineering | 3 hrs | |
| MAT 227: Discrete Mathematical Structures | 3 hrs  | As per "or permission of instructor" in Maricopa's MAT227 course description, academic advisors and other student services personnel are authorized by Maricopa's Math Instructional Council to approve MAT227 registration using either MAT212/213 OR MAT220/221 (and CSC110 or CSC110) as the course prerequisites. |
| ART 190: Art of Web Site Design or ART 202: Digital Arts Survey or ART 142: Introduction to Digital Photography or ART 184: Computer Animation or MTC 191: Electronic Music I or ADA 184: Computer Animation or MMT 184: Computer Animation or MMT 190: Art of Web Site Design | 1-3 hrs | |
| Lower Division Elective | 0-5 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60





Pathway Agreement


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
Maricopa Community College District
Digital Culture (Music), BA Pathway
2020-2021


ASU Major: [Digital Culture \(Music\), BA | Herberger Institute for Design and the Arts](#)



Pathway Requirements



| | |
|---|--|
| First Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL | 3 hrs   |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL | 3 hrs   |



| | |
|--|---|
| Literacy and Critical Inquiry [L] Literacy and Critical Inquiry [L] | 3 hrs  |
|--|---|



| | |
|--|--|
| Mathematical Studies [MA, CS] MAT 212: Brief Calculus or MAT 213: Brief Calculus | 3-4 hrs  |
|--|--|

| | | |
|---|--|---|
| Computer/Statistics/Quantitative Applications | 3 hrs  | MTC 180: Computer Literacy for Musicians is recommended |
|---|--|---|

| | |
|--|--|
| Humanities, Arts, and Design [HU] Humanities, Arts, and Design [HU] | 3 hrs  |
| Humanities, Arts, and Design [HU] | 3 hrs  |

| | |
|--|--|
| Social-Behavioral Science [SB] Social-Behavioral Science [SB] | 3 hrs  |
| Social-Behavioral Science [SB] | 3 hrs  |

| | | |
|--|--|---|
| Natural Science [SQ, SG] Natural Science [SQ, SG] | 4 hrs  | Select at least one course with the SQ designation. PHY101 recommended. |
| Natural Science [SQ, SG] | 4 hrs  | |

| | |
|---|--|
| General Education Awareness Areas [C, H, G] Cultural Diversity in the U.S. [C] | 0-3 hrs  |
| Historical or Global Awareness [H] or [G] | 0-3 hrs  |


MCCCD Additional Requirements

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Digital Culture (Music), BA degree program.

| | | |
|---|---------|---|
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs |  |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|--|---------|--|
| ARH 102: Renaissance Through Contemporary Art or ARH 112: History of Modern Art or DAH 100: Introduction to Dance or DAH 250: Dance in Popular Culture or HUM 205: Introduction to Cinema or HUM 206: INTRODUCTION TO TELEVISION ARTS or HUM 210: Contemporary Cinema or MHL 140: Survey of Music History or MHL 143: Music in World Cultures or MHL 145: American Jazz and Popular Music or MHL 146: Survey of Broadway Musicals or MHL 153: Rock Music and Culture or MHL 155: Survey of American Music or THE 111: Introduction to Theatre or THF 206: Introduction to Television Arts or THF 210: Contemporary Cinema or THF 205: Introduction to Cinema | 3 hrs |  |
| ART 190: Art of Web Site Design or ART 202: Digital Arts Survey or ART 142: Introduction to Digital Photography or MTC 191: Electronic Music I or ART 184: Computer Animation or MMT 190: Art of Web Site Design or MMT 184: Computer Animation | 3 hrs | |
| CIS 163AA: Java Programming: Level I or CSC 110: Introduction to Computer Science (Java) | 3 hrs | |
| CIS 120DA: Introduction to Digital Video Editing: Adobe Premiere or CIS 120DF: Adobe Photoshop Level I: Digital Imaging or CIS 120DK: Introduction to Digital Video Editing or CIS 150: Programming Fundamentals or MTC 180: COMPUTER LITERACY for MUSICIANS or CIS 120AJ: Introduction to Digital Photo Editing | 1-3 hrs | |
| MTC 100: Fundamentals of Music or MTC 101: Introduction to Music Theory or MTC 105: Music Theory I and MTC 106: Aural Perception I | 3-4 hrs | |
| MTC 120: Introduction to Sound Design for Film and Video or MTC 180: COMPUTER LITERACY for MUSICIANS or MTC 191: Electronic Music I or MTC 192: Electronic Music II | 3 hrs | |
| Complete any course that transfers to ASU with a MUS, MUP, MUE, or MTC prefix. | 3 hrs | |
| Lower Division Elective | 0-6 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60

Pathway Agreement

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Maricopa Community College District Digital Culture (Theatre), BA Pathway 2020-2021


ASU Major: [Digital Culture \(Theatre\), BA | Herberger Institute for Design and the Arts](#)


Pathway Requirements


First Year Composition [FYC]
ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL   3 hrs


ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL   3 hrs


Literacy and Critical Inquiry [L]
Literacy and Critical Inquiry [L]  3 hrs


Mathematical Studies [MA, CS]
MAT 212: Brief Calculus or
MAT 213: Brief Calculus  3-4 hrs

CIS 163AA: Java Programming: Level I or
CSC 110: Introduction to Computer Science
(Java)  3 hrs


Humanities, Arts, and Design [HU]
Humanities, Arts, and Design [HU]  3 hrs


Humanities, Arts, and Design [HU]  3 hrs


Social-Behavioral Science [SB]
Social-Behavioral Science [SB]  3 hrs

Social-Behavioral Science [SB]  3 hrs

Natural Science [SQ, SG]
Natural Science [SQ, SG]  4 hrs Natural Sciences: Select at least one SQ. PHY 101 recommended.

Natural Science [SQ, SG]  4 hrs

General Education Awareness Areas [C, H, G]
Cultural Diversity in the U.S. [C]  0-3 hrs

Historical or Global Awareness [H] or [G]  0-3 hrs



MCCCD Additional Requirements

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Digital Culture (Theatre), BA degree program.

| | | | |
|--|---------|---|--|
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs |  | |
| CRE 101: College Critical Reading | 0-3 hrs | | Complete CRE 101 or equivalent. |
| Additional Lower Division Requirements | | | |
| ARH 102: Renaissance Through Contemporary Art or ARH 112: History of Modern Art or DAH 100: Introduction to Dance or DAH 250: Dance in Popular Culture or HUM 205: Introduction to Cinema or HUM 206: INTRODUCTION TO TELEVISION ARTS or HUM 210: Contemporary Cinema or MHL 140: Survey of Music History or MHL 143: Music in World Cultures or MHL 145: American Jazz and Popular Music or MHL 146: Survey of Broadway Musicals or MHL 153: Rock Music and Culture or MHL 155: Survey of American Music or THE 111: Introduction to Theatre or THF 206: Introduction to Television Arts or THF 210: Contemporary Cinema | 3 hrs |  | |
| ART 190: Art of Web Site Design or ART 202: Digital Arts Survey or ART 142: Introduction to Digital Photography or MTC 191: Electronic Music I or ART 184: Computer Animation | 3 hrs | | |
| CIS 120DA: Introduction to Digital Video Editing; Adobe Premiere or CIS 120DF: Adobe Photoshop Level I: Digital Imaging or CIS 120DK: Introduction to Digital Video Editing or CIS 150: Programming Fundamentals or MTC 180: COMPUTER LITERACY for MUSICIANS or CIS 120AJ: Introduction to Digital Photo Editing | 1-3 hrs | | |
| THP 216: Beginning Stage Lighting or THP 265: Introduction to Stage Management or THP 203: Technical Theatre Production or THP 213: Intro to Technical Theatre or THP 226: Theatrical Design: Costuming | 3 hrs | | |
| THP 217: Intro to Design Scenography | 3 hrs | | |
| Theater Production Elective | 3 hrs | | Complete any course that transfers to ASU with a THP, THE, or FMP prefix. |
| Lower Division Elective | 0-9 hrs | | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60

Pathway Agreement



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Maricopa Community College District Disability Studies, BA Pathway 2020-2021


ASU Major: [Disability Studies, BA | New College of Interdisciplinary Arts and Sciences](#)


Pathway Requirements


First Year Composition [FYC]
ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL   3 hrs


ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL   3 hrs


Literacy and Critical Inquiry [L]
Literacy and Critical Inquiry [L]  3 hrs


Mathematical Studies [MA, CS]
MAT 140: College Mathematics or
MAT 141: College Mathematics or
MAT 142: College Mathematics or
MAT 145: College Mathematics with Review
or
MAT 146: College Mathematics with Review  3-6 hrs


Computer/Statistics/Quantitative Applications
[CS]  3 hrs


Humanities, Arts, and Design [HU]
Humanities, Arts, and Design [HU]  3 hrs


Humanities, Arts, and Design [HU]  3 hrs


Social-Behavioral Science [SB]
Social-Behavioral Science [SB]  3 hrs

Social-Behavioral Science [SB]  3 hrs

Natural Science [SQ, SG]
Natural Science [SQ, SG]  4 hrs Select at least one SQ course within the Natural Science requirement.

Natural Science [SQ, SG]  4 hrs

General Education Awareness Areas [C, H, G]
Cultural Diversity in the U.S. [C]  0-3 hrs

Historical or Global Awareness [H] or [G]  0-3 hrs

MCCCD Additional Requirements


Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Disability Studies B.A. degree program.

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information: <https://transfer.asu.edu/credits>

| | | |
|---|----------|--|
| COM 100: Introduction to Human Communication OR | 0-3 hrs |  |
| COM 110: Interpersonal Communication OR | | |
| COM 225: Public Speaking OR | | |
| COM 230: Small Group Communication | | |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |
| Additional Lower Division Requirements | | |
| Lower Division Elective | 0-25 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60

Pathway Agreement

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Maricopa Community College District



Early Childhood and Early Childhood Special Education, BAE Pathway



2020-2021

ASU Major: [Early Childhood and Early Childhood Special Education, BAE | Mary Lou Fulton Teachers College](#)



Pathway Requirements

First Year Composition [FYC]


ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL   3 hrs



ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL   3 hrs

Literacy and Critical Inquiry [L]

COM 225: Public Speaking   3 hrs Meets MCCCDD Additional Communication Requirement below.

Mathematical Studies [MA, CS]


MAT 140: College Mathematics or
MAT 141: College Mathematics or
MAT 142: College Mathematics or
MAT 145: College Mathematics with Review or
MAT 146: College Mathematics with Review or
Higher level course that meets MA requirement  3-5 hrs Students must meet one of the following MCCCDD prerequisites to take MAT256 (see Additional Lower Division Requirements section): Grade of C or better in MAT150/151/152/155/156, or MAT120/121/122 AND 140/141/142/145/146, or MAT140/141/142/145/146 AND placement test score to permit enrollment in MAT150/151/152/155/156 or higher.

BPC 110: Computer Usage and Applications OR   3-4 hrs

CIS 105: Survey of Computer Information Systems OR


CSC 180: Computer Literacy or
CSC 180AA: Computer Literacy or
CSC 180AB: Computer Literacy


Humanities, Arts, and Design [HU]

EDU 291: Children's Literature or
ENH 291: Children's Literature  3 hrs


Humanities, Arts, and Design [HU]  3 hrs


Social-Behavioral Science [SB]

POS 113: United States and Arizona Social Studies or
GCU 113: United States and Arizona Social Studies or
HIS 103: United States History to 1865  3 hrs HIS 103, GCU 113, and POS 113 meet US Constitution teacher certification requirement. GCU 113 and POS 113 (GCU/POS227 prior to Fall 2016) also meet AZ Constitution teacher certification requirement.

EDU 222: Intro to the Exceptional Learner or
EED 222: Introduction to the Exceptional Young Child: Birth to Age Eight  3 hrs

Natural Science [SQ, SG]

Natural Science [SQ, SG]  4 hrs Select at least one [SQ] within the Natural Science requirement.

Natural Science [SQ, SG]  4 hrs

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

The recommended MCCCDD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Emphasis in Early Childhood Education and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Early Childhood Education and Early Childhood Special Education B.A.E. degree program and the teacher preparation program.

While a 2.0 is the minimum GPA for ASU's MAPP requirements, Mary Lou Fulton Teachers College requires 2.5 GPA instead for coursework used to satisfy MAPP requirements. All courses must be completed with a C or greater.

General Education Awareness Areas [C, H, G]
Cultural Diversity in the U.S. [C]



0 hrs Met by EDU 222 or EED 222.

Historical or Global Awareness [H] or [G]



0 hrs Satisfied by HIS 103 or GCU 113/POS 113 (GCU/POS 227 prior to Fall 2016).

MCCCD Additional Requirements

COM 100: Introduction to Human Communication or
COM 110: Interpersonal Communication or
COM 225: Public Speaking or
COM 230: Small Group Communication



0 hrs Met by COM 225.

CRE 101: College Critical Reading

0-3 hrs

Complete CRE 101 or equivalent.

Additional Lower Division Requirements

CFS 176: Child Development or 3 hrs
ECH 176: Child Development

EDU 230: CULTURAL DIVERSITY IN EDUCATION

3 hrs

EDU 230 is an acceptable MAPP course substitution for TEL 203.

EED 215: HEALTH, SAFETY, 2-3 hrs
NUTRITION/FITNESS OR

CFS 123: HLTH/NUTRITION-EARLY
CHILDHOOD and
CFS 125: SAFETY IN EARLY CHILDHOOD
SETTINGS

EED 200: Foundations of Early Childhood 3 hrs
Education or
EDU 221: Introduction to Education

MAT 256: Investigating Quantity: Number, 4 hrs
Operations and Numeration Systems

MAT 257: Investigating Geometry, 4 hrs
Probability and Statistics

Lower Division Elective

0-6 hrs

Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements, excluding MAT 120/121/122 (non-transferable to ASU). Recommend taking CFS 235 or EED 205.

POS 221: Take to meet AZ Constitution requirement if HIS 103 was taken rather than GCU/POS 227 for [SB].

Total Required Credits: 60

Pathway Agreement

[Print](#)

Maricopa Community College District
Earth and Environmental Studies, BA Pathway
2020-2021



ASU Major: [Earth and Environmental Studies, BA | College of Liberal Arts and Sciences](#)


Pathway Requirements


First Year Composition [FYC]
 ENG 101: First-Year Composition or
 ENG 107: First-Year Composition for ESL   3 hrs


ENG 102: First-Year Composition or
 ENG 108: First-Year Composition for ESL   3 hrs


Literacy and Critical Inquiry [L]
 Literacy and Critical Inquiry  3 hrs

Mathematical Studies [MA, CS]
 MAT 187: Precalculus OR   3-9 hrs
 MAT 150: College Algebra and
 MAT 182: Plane Trigonometry or
 MAT 151: College Algebra and
 MAT 182: Plane Trigonometry or
 MAT 152: College Algebra and
 MAT 182: Plane Trigonometry or
 MAT 155: College Algebra/Functions with
 Review and
 MAT 182: Plane Trigonometry or
 MAT 156: College Algebra/Functions with
 Review and
 MAT 182: Plane Trigonometry OR
 MAT 212: Brief Calculus or
 MAT 213: Brief Calculus OR
 MAT 220: Calculus with Analytic Geometry I
 or
 MAT 221: Calculus with Analytic Geometry I

Computer/Statistics/Quantitative Analysis  3 hrs

Humanities, Arts, and Design [HU]
 Humanities, Arts, and Design  3 hrs

Humanities, Arts, and Design  3 hrs

Social-Behavioral Science [SB]
 Social-Behavioral Science  3 hrs

Social-Behavioral Science  3 hrs



Natural Science [SQ, SG]



Pathway Notes


Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements


Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Earth & Environmental Studies B.A. degree program.

| | |
|---|--|
| CHM 130: Fundamental Chemistry and Laboratory or CHM 130AA: Fundamental Chemistry with Lab OR | 4-5 hrs   |
| CHM 150: General Chemistry I and CHM 151LL: General Chemistry I Laboratory or CHM 150AA: General Chemistry I or CHM 151: General Chemistry I and CHM 151LL: General Chemistry I Laboratory or CHM 151AA: General Chemistry I | |
| GLG 110: Geological Disasters and the Environment and GLG 111: GEOL DISASTERS and ENVIRONMENT LAB | 4 hrs |

| | |
|---|--|
| General Education Awareness Areas [C, H, G] Cultural Diversity in the U.S. [C] | 0-3 hrs  |
| Historical or Global Awareness [H] or [G] | 0-3 hrs  |

| | |
|--|--|
| MCCCD Additional Requirements COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs  |
|--|--|

| | | |
|-----------------------------------|---------|---------------------------------|
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |
|-----------------------------------|---------|---------------------------------|

| | |
|--|--|
| Additional Lower Division Requirements GLG 101: Introduction to Geology I and GLG 103: Introduction to Geology I - | 4 hrs  |
|--|--|

| | | |
|--|----------|---|
| Lower Division Second Language: Requirement satisfied through the following: Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 0-16 hrs | For Second Language: Select 101, 102, 201, 202 as needed to reach 4th semester proficiency. |
|--|----------|---|

| | | |
|-------------------------|----------|--|
| Lower Division Elective | 0-21 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |
|-------------------------|----------|--|

Total Required Credits: 60

Pathway Agreement

Print

Maricopa Community College District Earth and Space Exploration, BS Pathway 2020-2021

ASU Major: [Earth and Space Exploration, BS](#) | College of Liberal Arts and Sciences

Pathway Requirements

First-Year Composition [FYC]

ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL



ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL



Literacy and Critical Inquiry [L]

Literacy and Critical Inquiry [L]



Recommend selecting a course that satisfies Literacy and Critical Inquiry, COM or CRE 101 requirements simultaneously. Associate of Science degrees also allow for HU or SB to be satisfied at the same time as L.

Mathematical Studies [MA]

MAT 220: Calculus with Analytic Geometry I
or
MAT 221: Calculus with Analytic Geometry I



Humanities, Arts, and Design [HU]

Humanities, Arts, and Design [HU]



Humanities, Arts, and Design [HU]



Social-Behavioral Science [SB]

Social-Behavioral Science [SB]



Social-Behavioral Science [SB]



Natural Science [SQ, SG]

PHY 115: University Physics I or
PHY 121: UNIVERSITY PHYSICS I:
MECHANICS



PHY 116: University Physics II or
PHY 131: University Physics II: Electricity
and Magnetism



Subject Options

MAT 230: Calculus with Analytic Geometry II
or
MAT 231: Calculus with Analytic Geometry II



MAT 240: Calculus with Analytic Geometry III
or
MAT 241: Calculus with Analytic Geometry III





Pathway Notes


Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements




Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate of Science Degree and AGECS-S, meets major map requirements at ASU and guarantees admission to the Earth & Space Exploration B.S. degree program.

| | | |
|---|---------|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs |  |
| Historical or Global Awareness [H] or [G] | 0-3 hrs |  |

MCCCD Additional Requirements

| | | |
|---|---------|---|
| COM 100: Introduction to Human Communication OR | 0-3 hrs |  |
| COM 110: Interpersonal Communication OR | | |
| COM 225: Public Speaking OR | | |
| COM 230: Small Group Communication | | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---------|--|
| CHM 150: General Chemistry I and CHM 151LL: General Chemistry I Laboratory or CHM 150AA: General Chemistry I or CHM 151: General Chemistry I and CHM 151LL: General Chemistry I Laboratory or CHM 151AA: General Chemistry I | 4-5 hrs |  |
| CHM 152: General Chemistry II and CHM 152LL: General Chemistry II Laboratory or CHM 152AA: General Chemistry II or CHM 154: General Chemistry II with Qualitative Analysis and CHM 154LL: General Chemistry II with Qualitative Laboratory | 4-5 hrs |  |
| MAT 277: Modern Differential Equations or MAT 276: Modern Differential Equations | 3-4 hrs |  |
| Lower Division Elective | 0-8 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60

Pathway Agreement

Print

Maricopa Community College District Earth and Space Exploration (Astrophysics), BS Pathway 2020-2021

ASU Major: [Earth and Space Exploration \(Astrophysics\), BS](#) | College of Liberal Arts and Sciences

Pathway Requirements

First-Year Composition [FYC]

ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL



ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL



Literacy and Critical Inquiry [L]

Literacy and Critical Inquiry [L]

0-3 hrs



Recommend selecting a course that satisfies Literacy and Critical Inquiry, COM or CRE 101 requirements simultaneously.

Mathematical Studies [MA]

MAT 220: Calculus with Analytic Geometry I
or
MAT 221: Calculus with Analytic Geometry I



Humanities, Arts, and Design [HU]

Humanities, Arts, and Design [HU]



Humanities, Arts, and Design [HU]



Social-Behavioral Science [SB]

Social-Behavioral Science [SB]



Social-Behavioral Science [SB]



Natural Science [SQ, SG]

PHY 115: University Physics I or
PHY 121: UNIVERSITY PHYSICS I:
MECHANICS



PHY 116: University Physics II or
PHY 131: University Physics II: Electricity
and Magnetism



Subject Options

MAT 230: Calculus with Analytic Geometry II
or
MAT 231: Calculus with Analytic Geometry II



MAT 240: Calculus with Analytic Geometry III
or
MAT 241: Calculus with Analytic Geometry III



Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Science, Emphasis in Astronomy degree and AGEC-S. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Earth and Space Exploration (Astrophysics), BS degree program.

General Education Awareness Areas [C, H, G]

| | | |
|---|---------|--|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

MCCCD Additional Requirements

| | | |
|---|---------|--|
| COM 100: Introduction to Human Communication OR | 0-3 hrs | |
| COM 110: Interpersonal Communication OR | | |
| COM 225: Public Speaking OR | | |
| COM 230: Small Group Communication | | |

| | | |
|-----------------------------------|---------|---------------------------------|
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |
|-----------------------------------|---------|---------------------------------|

Additional Lower Division Requirements

| | | |
|---|-------|--|
| AST 111: Introduction to Solar System | 4 hrs | |
| AST 112: Introduction to Stars, Galaxies, and Cosmology | 4 hrs | |

| | | | |
|---|---------|--|---|
| MAT 276: Modern Differential Equations or MAT 277: Modern Differential Equations | 3-4 hrs | | This course is required for the MCCCD Associate in Science: Astronomy degree and the BS at ASU. |
|---|---------|--|---|

| | | | |
|-------------------------|----------|--|---|
| Lower Division Elective | 0-11 hrs | | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. AST 106 and PHY 241 are required for the Associate in Science: Astronomy degree. |
|-------------------------|----------|--|---|

Total Required Credits: 60

Pathway Agreement



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Maricopa Community College District Earth and Space Exploration (Geological Sciences), BS Pathway 2020-2021

ASU Major: [Earth and Space Exploration \(Geological Sciences\), BS](#) | College of Liberal Arts and Sciences


Pathway Requirements

First-Year Composition [FYC]



ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL   3 hrs

ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL   3 hrs

Literacy and Critical Inquiry [L]


Literacy and Critical Inquiry [L]  0-3 hrs Recommend selecting a course that satisfies Literacy and Critical Inquiry and COM or CRE 101 requirement simultaneously.

Mathematical Studies [MA]


MAT 220: Calculus with Analytic Geometry I
or
MAT 221: Calculus with Analytic Geometry I   4-5 hrs


Humanities, Arts, and Design [HU]

Humanities, Arts, and Design [HU]  3 hrs



Humanities, Arts, and Design [HU]  3 hrs



Social-Behavioral Science [SB]

Social-Behavioral Science [SB]  3 hrs



Social-Behavioral Science [SB]  3 hrs



Natural Science [SQ, SG]

PHY 115: University Physics I or
PHY 121: UNIVERSITY PHYSICS I:
MECHANICS   4 hrs

PHY 116: University Physics II or
PHY 131: University Physics II: Electricity
and Magnetism   4 hrs

Subject Options

MAT 230: Calculus with Analytic Geometry II
or
MAT 231: Calculus with Analytic Geometry II   4-5 hrs

MAT 240: Calculus with Analytic Geometry III
or
MAT 241: Calculus with Analytic Geometry III   4-5 hrs

General Education Awareness Areas [C, H, G]

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Science, Emphasis in Geology degree and AGEC-S. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Earth & Space Exploration (Geological Sciences) B.S. degree program.

| | | | |
|---|---------|--|-----------------------|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | | |
| Historical or Global Awareness [H] or [G] | 0 hrs | | Satisfied by GLG 102. |

| | | | |
|---|---------|--|---------------------------------|
| MCCCD Additional Requirements | | | |
| COM 100: Introduction to Human Communication OR | 0-3 hrs | | |
| COM 110: Interpersonal Communication OR | | | |
| COM 225: Public Speaking OR | | | |
| COM 230: Small Group Communication | | | |
| CRE 101: College Critical Reading | 0-3 hrs | | Complete CRE 101 or equivalent. |

| | | | |
|---|---------|--|--|
| Additional Lower Division Requirements | | | |
| CHM 150: General Chemistry I and CHM 151LL: General Chemistry I Laboratory or CHM 150AA: General Chemistry I or CHM 151: General Chemistry I and CHM 151LL: General Chemistry I Laboratory or CHM 151AA: General Chemistry I | 4-5 hrs | | |
| CHM 152: General Chemistry II and CHM 152LL: General Chemistry II Laboratory or CHM 152AA: General Chemistry II | 4-5 hrs | | |
| GLG 101: Introduction to Geology I - Physical Lecture and GLG 103: Introduction to Geology I - Physical Lab | 4 hrs | | |
| GLG 102: Intro to GEOLOGY II-HISTORICAL LECTURE and GLG 104: Introduction to Geology II - Historical Lab | 4 hrs | | GLG 102 satisfies Historical Awareness [H] Requirement |
| Lower Division Elective | 0-6 hrs | | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60

Pathway Agreement



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Maricopa Community College District
Economics, BS Pathway
2020-2021


ASU Major: **Economics, BS | W. P. Carey School of Business**



Pathway Requirements


First Year Composition [FYC]
 ENG 101: First-Year Composition or
 ENG 107: First-Year Composition for ESL   3 hrs


ENG 102: First-Year Composition or
 ENG 108: First-Year Composition for ESL   3 hrs


Literacy and Critical Inquiry [L]
 Literacy and Critical Inquiry [L]  3 hrs


Mathematical Studies [MA, CS]
 MAT 212: Brief Calculus or
 MAT 213: Brief Calculus  3-4 hrs


CIS 105: Survey of Computer Information
 Systems   3 hrs

Humanities, Arts, and Design [HU]
 Humanities, Arts, and Design [HU]  3 hrs


Humanities, Arts, and Design [HU]  3 hrs


Social-Behavioral Science [SB]
 ECN 211: Macroeconomic Principles  3 hrs

ECN 212: Microeconomic Principles  3 hrs

Natural Science [SQ, SG]
 Natural Science [SQ, SG]  4 hrs Select at least one SQ within the Natural Science requirement.

Natural Science [SQ, SG]  4 hrs

General Education Awareness Areas [C, H, G]
 Cultural Diversity in the U.S. [C]  0-3 hrs

Historical or Global Awareness [H] or [G]  0-3 hrs

MCCCD Additional Requirements

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

This degree program requires meeting W. P. Carey Bachelor of Science admission requirements. A 3.0 cumulative transfer GPA as calculated by ASU Admission Services is required. A 3.0 cumulative ASU GPA is also required for students who previously attended ASU.





Students must also meet one of the following:

- 1230 SAT (March 2016 and after) or 1160 SAT (before March 2016), not including writing portion
- 25 ACT composite, not including writing portion.
- Top 8% high school class rank
- 3.60 unweighted GPA in high school competency courses (A=4.00)

Completion of the MAPP and all admission requirements satisfies the requirements for the MCCCD Associate in Business, General Requirements degree and AGECE-B, meets major map requirements at ASU, and guarantees admission into a W. P. Carey Bachelor of Science degree program.

Only 64 credits are transferable to ASU. For more information:

<https://transfer.asu.edu/credits>.

| | | |
|--|--|---|
| ABUS Business Electives | 0-6 hrs | Select two courses (6 hrs) in consultation with a Maricopa Advisor from the following: CIS 114DE, CIS133DA, CIS 162AD, GBS 151, GBS 233, GBS 220, (GBS 110 OR MGT 251), IBS 101, MGT 253, MKT 271, PAD 100, REA 179, REA 180, or SBU 200. |
| Additional Lower Division Requirements | | |
| ACC 111: Accounting Principles I and ACC 230: Uses of Accounting Information and ACC 240: Uses of Accounting Information OR | 6-9 hrs  | |
| ACC 111: Accounting Principles I and ACC 112: Accounting Principles II and ACC 212: Managerial Accounting OR | | |
| ACC 211: Financial Accounting and ACC 212: Managerial Accounting | | |
| COM 100: Introduction to Human Communication or COM 225: Public Speaking or COM 230: Small Group Communication or COM 259: COMM IN BUSINESS & PROFESSIONS | 0-3 hrs  | If COM225 is selected, it may be also be applied to meet Literacy and Critical Inquiry [L]. |
| GBS 205: LEGAL, ETHICAL/REGULATORY ISSUES/BUS | 3 hrs | |
| GBS 221: Business Statistics | 3 hrs  | |
| MAT 217: Mathematical Analysis for Business or MAT 218: Mathematical Analysis for Business | 3-4 hrs | |
| PSY Course | 3 hrs  | Select a course that transfers to ASU with the PSY prefix and SB designation. Check the Course Equivalency Guide on aztransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| SOC Course | 3 hrs  | Select a course that transfers to ASU with the SOC prefix and SB designation. Check the Course Equivalency Guide on aztransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| Lower Division Elective | 0-6 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 62

Pathway Agreement



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Maricopa Community College District
Economics, BS Pathway
2020-2021


ASU Major: [Economics, BS](#) | College of Liberal Arts and Sciences

Pathway Requirements

First Year Composition [FYC]
 ENG 101: First-Year Composition or
 ENG 107: First-Year Composition for ESL   3 hrs

ENG 102: First-Year Composition or
 ENG 108: First-Year Composition for ESL   3 hrs

Literacy and Critical Inquiry [L]
 Literacy and Critical Inquiry  3 hrs

Mathematical Studies [MA, CS]
 MAT 212: Brief Calculus or
 MAT 213: Brief Calculus or
 MAT 220: Calculus with Analytic Geometry I
 or
 MAT 221: Calculus with Analytic Geometry I   3-4 hrs





GBS 221: Business Statistics or
 MAT 206: Elements of Statistics or
 SWU 225: Statistics for Social
 Research/Justice and Government   3 hrs


Humanities, Arts, and Design [HU]
 Humanities, Arts, and Design  3 hrs


Humanities, Arts, and Design  3 hrs

Social-Behavioral Science [SB]
 ECN 211: Macroeconomic Principles   3 hrs

ECN 212: Microeconomic Principles   3 hrs

| | | |
|---|---|--|
| Natural Science [SQ, SG] Natural Science |   4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science |   4 hrs | Select at least one SQ within the Natural Science requirement. |

General Education Awareness Areas [C, H, G]
 Cultural Diversity in the U.S. [C]  0-3 hrs

Historical or Global Awareness [H] or [G]  0-3 hrs

MCCCD Additional Requirements

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major is the Associate in Arts, Economics degree and AGECE-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Economics, BS degree program.

COM 100: Introduction to Human Communication or
COM 110: Interpersonal Communication or
COM 225: Public Speaking or
COM 230: Small Group Communication

0-3 hrs


CRE 101: College Critical Reading 0-3 hrs Complete CRE 101 or equivalent.

Additional Lower Division Requirements

MAT 217: Mathematical Analysis for Business or
MAT 218: Mathematical Analysis for Business or
MAT 230: Calculus with Analytic Geometry II
or
MAT 231: Calculus with Analytic Geometry II

4-5 hrs


Lower Division Elective 7-21 hrs Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements.

Total Required Credits: 60

Pathway Agreement



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Maricopa Community College District
Educational Studies, BAE Pathway
2020-2021

ASU Major: [Educational Studies, BAE | Mary Lou Fulton Teachers College](#)


Pathway Requirements

First Year Composition [FYC]


ENG 101: First-Year Composition or
 ENG 107: First-Year Composition for ESL   3 hrs



ENG 102: First-Year Composition or
 ENG 108: First-Year Composition for ESL   3 hrs

Literacy and Critical Inquiry [L]


Literacy and Critical Inquiry [L]  3 hrs


Mathematical Studies [MA, CS]

MAT 140: College Mathematics or
 MAT 141: College Mathematics or
 MAT 142: College Mathematics or
 MAT 145: College Mathematics with Review
 or
 MAT 146: College Mathematics with Review
 or
 Higher level course that meets MA
 requirement  3-6 hrs


CIS 105: Survey of Computer Information
 Systems or
 BPC 110: Computer Usage & Applications or
 CSC 180: Computer Literacy   3 hrs


Humanities, Arts, and Design [HU]

EDU 291: Children's Literature or
 ENH 291: Children's Literature  3 hrs EDU 291 is an acceptable MAPP course
 substitution for TEL 208.


Humanities, Arts, and Design  3 hrs


Social-Behavioral Science [SB]

EDU 221: Introduction to Education or
 EED 200: Foundations of Early Childhood
 Education  3 hrs

EDU 222: Intro to EXCEPTIONAL LEARNER
 or
 EED 222: INTRO EXCPT YNG CHLD:
 BIRTH-8  3 hrs

Natural Science [SQ, SG]

Natural Science [SQ, SG]  4 hrs Select at least one SQ within the Natural
 Science requirement.

Natural Science [SQ, SG]  4 hrs

General Education Awareness Areas [C, H, G]

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Educational Studies B.A.E. degree program.

Special Requirements: 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a "C" or better.

The Bachelor of Arts in Education (BAE) in educational studies is designed to prepare students to work with children and youth outside of a traditional classroom setting. While this degree does not lead to teacher certification, it will provide a foundation of knowledge in educational practices for use in the community setting.

| | | |
|------------------------------------|-------|--------------------------------|
| Cultural Diversity in the U.S. [C] | 0 hrs | [C] met by EDU 222 or EED 222. |
|------------------------------------|-------|--------------------------------|

| | | |
|---|---------|--|
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |
|---|---------|--|

MCCCD Additional Requirements
 COM 100: Introduction to Human Communication or
 COM 110: Interpersonal Communication or
 COM 225: Public Speaking or
 COM 230: Small Group Communication

| | | |
|-----------------------------------|---------|---------------------------------|
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |
|-----------------------------------|---------|---------------------------------|

| | | |
|--|-------|--|
| Additional Lower Division Requirements EDU 230: CULTURAL DIVERSITY IN EDUCATION | 3 hrs | EDU 230 is an acceptable MAPP course substitution for TEL 203. |
|--|-------|--|

| | | |
|---|-------|--|
| CFS 176: Child Development or ECH 176: Child Development | 3 hrs | |
|---|-------|--|

| | | |
|--------------|-------|--|
| EDU Elective | 3 hrs | Select any EDU elective (Except EDU 221, EDU 222, EDU 230 and EDU 250) |
|--------------|-------|--|

| | | |
|-----------------------------------|---------|---|
| Educational Studies Track Courses | 0-6 hrs | Check the ASU major map for the Educational Studies Track Courses in which you are interested in and complete the course(s) in that track listed in the Track/Groups section below. If interested in the Environmental Education, Global Studies, Health Innovation, or Nonprofit Administration track, the courses will need to be completed at ASU. |
|-----------------------------------|---------|---|

| | | |
|-------------------------|----------|--|
| Lower Division Elective | 0-20 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements, excluding MAT 120/121/122 (non-transferable to ASU). Recommended that students complete both Historical [H] and Global [G] Awareness prior to transferring to meet ASU BAE requirements. |
|-------------------------|----------|--|

Total Required Credits: 64

Track/Groups

Educational Studies Track Courses

| Educational Studies Track Courses | | |
|--|---|-----------------------------------|
| ECN 211: Macroeconomic Principles | Business Educational Studies Track Course | |
| Educational Studies Track Courses | | |
| HCR 220: Introduction to Nursing and Health Care Systems | Community Health Educational Studies Track Course | |
| Educational Studies Track Courses | | |
| CFS 205: Human Development AND | Family and Human Development Educational Studies Track Course. | |
| CFS 112: Personal Growth and Family Relations | If this track is selected, complete both courses. | Educational Studies Track Courses |
| Courses | | |
| HON 201: Leadership Development: Historical and Contemporary Perspectives or | Organizational Leadership Educational Studies Track Course. | |
| MGT 229: Management and Leadership I AND | If this track is selected, complete MGT 230 and either HON 201 or MGT 229. | Educational Studies Track Courses |
| MGT 230: Management and Leadership II | | |
| Courses | | |
| FON 100: Introductory Nutrition | Personal Health Educational Studies Track Course | |
| Educational Studies Track Courses | | |
| POS 110: American National Government AND | Political Science Educational Studies Track Course. If this track is selected, complete both courses. | |
| POS 140: Comparative Government | | Educational Studies Track Courses |











Pathway Agreement

Print

Maricopa Community College District Electrical Engineering, BSE Pathway 2020-2021

ASU Major: [Electrical Engineering, BSE](#) | [Ira A. Fulton Schools of Engineering](#)

Pathway Requirements

| | |
|--|---|
| Engineering Core ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL | 3 hrs   |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL | 3 hrs   |
| ECE 102: Engineering Analysis Tools an or ECE 102AA: Engineering Analysis Tools and Techniques AND | 4 hrs   |
| ECE 103: Engineering Problem Solving and Design or ECE 103AB: Engineering Problem Solving and Design or ECE 103EP: Engineering Problem Solving and Design (with EPICS projects) | |
| MAT 220: Calculus with Analytic Geometry I or MAT 221: Calculus with Analytic Geometry I | 4-5 hrs   |
| MAT 230: Calculus with Analytic Geometry II or MAT 231: Calculus with Analytic Geometry II | 4-5 hrs   |
| MAT 240: Calculus with Analytic Geometry III or MAT 241: Calculus with Analytic Geometry III | 4-5 hrs   |
| MAT 276: Modern Differential Equations or MAT 277: Modern Differential Equations | 3-4 hrs  |
| CHM 150: General Chemistry I and CHM 151LL: General Chemistry I Laboratory OR | 4-5 hrs   |
| CHM 151: General Chemistry I and CHM 151LL: General Chemistry I Laboratory OR | |
| CHM 150AA: General Chemistry I or CHM 151AA: General Chemistry I | |
| CHM 152: General Chemistry II and CHM 152LL: General Chemistry II Laboratory | 4 hrs   |
| PHY 121: UNIVERSITY PHYSICS I: MECHANICS or PHY 115: University Physics I | 4-5 hrs   |
| PHY 131: University Physics II: Electricity and Magnetism or PHY 116: University Physics II | 4-5 hrs   |
| PHY 241: University Physics III: Thermodynamics, Optics, and Wave Phenomena | 4 hrs |
| Humanities, Arts, and Design and AGEC Awareness Areas | 3 hrs  |
| Social-Behavioral Science and AGEC Awareness Areas | 3 hrs |
| | Students should complete PHY 241, EEE 120, EEE 202, EEE 230, CSC 100 before taking any other Additional Lower Division Requirements listed. Any other Additional Lower Division Requirements listed can be completed after transfer to ASU. |
| | Take one course that satisfies Humanities, Arts, and Design AND an Awareness Area requirement. |
| | Take one course that satisfies Social-Behavioral Science AND an Awareness Area requirement. |

Pathway Notes

There are no notes for this pathway

Special Requirements

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major is the Associate in Science, Emphasis in Engineering degree and AGEC-S. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Electrical Engineering, BSE degree program.

MAPP students must have an associate degree in progress or a completed associate degree posted on their transcript when applying for admission or they will be held to regular admission procedures and will not receive MAPP benefits. A total of 64 credit hours will transfer to Arizona State University. All transfer courses must be completed with a grade of "C" or better.


Special Requirements: Transfer students must meet either primary or secondary admission requirements to gain admission to the Electrical Engineering BSE degree program.

Primary Criteria: Minimum transfer GPA of 3.00 as calculated by ASU for admission for 24 or more transfer hours.

Secondary Criteria: Minimum transfer GPA of 2.50 as calculated by ASU for admission for 24 or more transfer hours **and** a minimum GPA of 2.75 in all critical tracking courses in terms 1 and 2 (MAT 265, 266, PHY 121 and PHY 122).

Note: Students interested in completing the Electrical Engineering BSE degree with two additional years at ASU must complete MAT 343 Applied Linear Algebra, EEE 203 Signals and Systems I, and EEE 241 Fundamentals of Electromagnetics through concurrent-enrollment or in the summers prior to admission. Additionally, students who start their program in a math class prior to Calculus I will need to discuss their graduation timeline with an advisor as this extends the program. Students are strongly encouraged to contact the ECEE Advising Office at (489) 965-3424 to meet with an academic advisor upon enrollment into a MAPP at the community college.

Additional Lower Division Requirements

| | | | |
|---|-------|--|--|
| CSC 100: Introduction to Computer Science | 3 hrs | | |
| ECN 211: Macroeconomic Principles or ECN 212: Microeconomic Principles | | 0-3 hrs  | May be completed after transfer to ASU. |
| CSC 120: Digital Design Fundamentals or EEE 120: Digital Design Fundamentals | 4 hrs | | |
| EEE 202: Circuits and Devices | 5 hrs | | |
| CSC 230: COMPUTER ORGANIZATION & ASSEMBLY LANGUAGE or EEE 230: COMPUTER ORGANIZATION and ASSEMBLY LANGUAGE | 4 hrs | | |
| ECE 104: EPICS Gold I | | 0-2 hrs | EPICS is Engineering Projects in Community Service. Students who complete ECE 104 may continue the EPICS sequence at ASU. Consult with Engineering faculty and/or STEM advisors to learn more about EPICS. |

Total Required Credits: 67

Pathway Agreement

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Maricopa Community College District

Electrical Engineering (Electric Power and Energy Systems), BSE Pathway

2020-2021

ASU Major: [Electrical Engineering \(Electric Power and Energy Systems\), BSE | Ira A. Fulton Schools of Engineering](#)

Pathway Requirements

| | |
|--|---|
| Engineering Core ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL | 3 hrs   |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL | 3 hrs   |
| ECE 102: Engineering Analysis Tools an or ECE 102AA: Engineering Analysis Tools and Techniques AND | 4 hrs   |
| ECE 103: Engineering Problem Solving and Design or ECE 103AB: Engineering Problem Solving and Design or ECE 103EP: Engineering Problem Solving and Design (with EPICS projects) | |
| MAT 220: Calculus with Analytic Geometry I or MAT 221: Calculus with Analytic Geometry I | 4-5 hrs   |
| MAT 230: Calculus with Analytic Geometry II or MAT 231: Calculus with Analytic Geometry II | 4-5 hrs   |
| MAT 240: Calculus with Analytic Geometry III or MAT 241: Calculus with Analytic Geometry III | 4-5 hrs   |
| MAT 277: Modern Differential Equations | 3 hrs  |
| CHM 150: General Chemistry I and CHM 151LL: General Chemistry I Laboratory OR | 4-5 hrs   |
| CHM 151: General Chemistry I and CHM 151LL: General Chemistry I Laboratory OR | |
| CHM 150AA: General Chemistry I or CHM 151AA: General Chemistry I | |
| CHM 152: General Chemistry II and CHM 152LL: General Chemistry II Laboratory | 4 hrs   |
| PHY 121: UNIVERSITY PHYSICS I: MECHANICS | 4 hrs   |
| PHY 131: University Physics II: Electricity and Magnetism | 4 hrs   |
| PHY 241: University Physics III: Thermodynamics, Optics, and Wave Phenomena | 4 hrs |
| | Students should complete PHY 241, EEE 120, EEE 202, EEE 230, CSC 100 before taking any other Additional Lower Division Requirements listed. Any other Additional Lower Division Requirements listed can be completed after transfer to ASU. |
| Humanities, Arts, and Design and AGEC Awareness Areas | 3 hrs |
| | Take one course that satisfies Humanities, Arts, and Design AND an Awareness Area requirement. |
| Social-Behavioral Science and AGEC Awareness Areas | 3 hrs |
| | Take one course that satisfies Social-Behavioral Science AND an Awareness Area requirement. |

Pathway Notes

There are no notes for this pathway

Special Requirements

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major is the Associate in Science, Emphasis in Engineering degree and AGEC-S. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Electrical Engineering (Electric Power and Energy Systems), BSE degree program.

MAPP students must have an associate degree in progress or a completed associate degree posted on their transcript when applying for admission or they will be held to regular admission procedures and will not receive MAPP benefits. A total of 64 credit hours will transfer to Arizona State University. All transfer courses must be completed with a grade of "C" or better.


Special Requirements: Transfer students must meet either primary or secondary admission requirements to gain admission to the Electrical Engineering (Electric Power and Energy Systems) BSE degree program.

Primary Criteria: Minimum transfer GPA of 3.00 as calculated by ASU for admission for 24 or more transfer hours.

Secondary Criteria: Minimum transfer GPA of 2.50 as calculated by ASU for admission for 24 or more transfer hours **and** a minimum GPA of 2.75 in all critical tracking courses in terms 1 and 2 (MAT 265, 266, PHY 121 and PHY 122).

Note: Students interested in completing the Electrical Engineering (Electric Power and Energy Systems) BSE degree with two additional years at ASU must complete MAT 343 Applied Linear Algebra, EEE 203 Signals and Systems I, and EEE 241 Fundamentals of Electromagnetics through concurrent-enrollment or in the summers prior to admission. Additionally, students who start their program in a math class prior to Calculus I will need to discuss their graduation timeline with an advisor as this extends the program. Students are strongly encouraged to contact the ECEE Advising Office at (489) 965-3424 to meet with an academic advisor upon enrollment into a MAPP at the community college.

Additional Lower Division Requirements

| | | |
|---|---|---|
| CSC 100: Introduction to Computer Science | 3 hrs | |
| CSC 120: Digital Design Fundamentals or EEE 120: Digital Design Fundamentals | 4 hrs | |
| ECN 211: Macroeconomic Principles OR | 0-3 hrs | |
| ECN 212: Microeconomic Principles |  | |
| EEE 202: Circuits and Devices | 5 hrs | |
| CSC 230: COMPUTER ORGANIZATION & ASSEMBLY LANGUAGE or EEE 230: COMPUTER ORGANIZATION and ASSEMBLY LANGUAGE | 4 hrs | |
| ECE 104: EPICS Gold I | 0-2 hrs | EPICS is Engineering Projects in Community Service. Students who complete ECE104 may continue the EPICS sequence at ASU. Consult with Engineering faculty and/or STEM advisors to learn more about EPICS. |

Total Required Credits: 67

Pathway Agreement



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Maricopa Community College District Elementary Education, BAE Pathway 2020-2021

ASU Major: [Elementary Education, BAE | Mary Lou Fulton Teachers College](#)


Pathway Requirements

First Year Composition [FYC]

ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL   3 hrs

ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL   3 hrs

Literacy and Critical Inquiry [L]



COM 225: Public Speaking  3 hrs

Mathematical Studies [MA, CS]



MAT 140: College Mathematics or
MAT 141: College Mathematics or
MAT 142: College Mathematics or
MAT 145: Course not found or
MAT 146: College Mathematics with Review or
Higher level course that meets MA requirement

3-6 hrs 

Students must meet one of the following MCCCDC prerequisites to take MAT256 (see Additional Lower Division Requirements section): Grade of C or better in MAT150/151/152/155/156, or MAT120/121/122 AND 140/141/142/145/146, or MAT140/141/142/145/146 AND placement test score to permit enrollment in MAT150/151/152/155/156 or higher.

CIS 105: Survey of Computer Information Systems or
BPC 110: Computer Usage & Applications or
CSC 180: Computer Literacy or
CSC 180AA: Computer Literacy or
CSC 180AB: Computer Literacy   3 hrs

Humanities, Arts, and Design [HU]

ARH 100: Introduction to Art OR   3 hrs

ARH 101: Prehistoric through Gothic Art OR

ARH 102: Renaissance Through Contemporary Art OR

DAH 100: Introduction to Dance OR

DAH 201: World Dance Studies OR

DAH 250: Dance in Popular Culture OR

MHL 140: Survey of Music History OR


MHL 145: American Jazz and Popular Music OR

MHL 146: Survey of Broadway Musicals OR

MHL 153: Rock Music and Culture OR

THE 111: Introduction to Theatre OR

THE 220: Modern Drama

EDU 291: Children's Literature or
ENH 291: Children's Literature  3 hrs

Social-Behavioral Science [SB]








Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCCDC Associate of Arts, Elementary Education degree (AAEE) and AGECE-A, meets major map requirements at ASU, and guarantees admission to the Elementary Education or Elementary Education (Bilingual Education/English as a Second Language) or Special Education/Elementary Education B.A.E. degree program and the teacher preparation program.

While a 2.0 is the minimum GPA for ASU's MAPP requirements, Mary Lou Fulton Teachers College requires a 2.5 GPA instead for coursework used to satisfy MAPP requirements. All courses must be completed with a C or greater.

| | | |
|--|--|--|
| ECH 176: Child Development or CFS 176: Child Development or CFS 205: Human Development | 3 hrs  | |
| HIS 103: United States History to 1865 or POS 113: United States and Arizona Social Studies or GCU 113: United States and Arizona Social Studies | 3 hrs  | HIS 103, GCU 113, and POS 113 meet US Constitution teacher certification requirement. GCU 113 and POS 113 (GCU/POS227 prior to Fall 2016) also meet AZ Constitution teacher certification requirement. |
| Natural Science [SQ, SG] Natural Science [SQ, SG] | 4 hrs  | Complete a Life Sciences course (choose from BIO prefix). One of the two natural science courses selected must be SQ. |
| Natural Science [SQ, SG] | 4 hrs  | Complete a Physical or Earth/Space Science Course (choose from AGS, ASM, AST, CHM, GLG, GPH, PHS, PHY) |
| General Education Awareness Areas [C, H, G] Cultural Diversity in the U.S. [C] | 0 hrs  | 3 hours [C] met by EDU 222 or EDU 230. |
| Historical or Global Awareness [H] or [G] | 0 hrs  | Satisfied by HIS 103 or GCU 113/POS 113 (GCU/POS 227 prior to Fall 2016). |
| MCCCD Additional Requirements COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs  | Met by COM 225 for Literacy and Critical Inquiry. |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |
| Additional Lower Division Requirements | | |
| EDU 221: Introduction to Education | 3 hrs | |
| EDU 222: Intro to EXCEPTIONAL LEARNER | 3 hrs | |
| EDU 230: CULTURAL DIVERSITY IN EDUCATION | 3 hrs | EDU 230 is an acceptable MAPP course substitution for TEL 203. |
| MAT 256: Investigating Quantity: Number, Operations and Numeration Systems | 4 hrs | |
| MAT 257: Investigating Geometry, Probability and Statistics | 4 hrs | |
| Select any EDU course(s) (except EDU 221, 222, 230 and 250) for 3 credits. | 3 hrs | |
| Select 5 credits from AAEE Content Area Elective options | 5 hrs | POS 221: Take to meet AZ Constitution requirement if HIS 103 was taken rather than GCU/POS 227 for [SB] |

Total Required Credits: 60

Pathway Agreement

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Maricopa Community College District



Elementary Education (Bilingual Education and English as a Second Language), BAE Pathway



2020-2021

ASU Major: [Elementary Education \(Bilingual Education and English as a Second Language\), BAE | Mary Lou Fulton Teachers College](#)


Pathway Requirements

First Year Composition [FYC]

ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL   3 hrs

ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL   3 hrs

Literacy and Critical Inquiry [L]

COM 225: Public Speaking  3 hrs



Mathematical Studies [MA, CS]

MAT 140: College Mathematics or
MAT 141: College Mathematics or
MAT 142: College Mathematics or
MAT 145: Course not found or
MAT 146: Course not found or
Higher level course that meets MA requirement

3-6 hrs



Students must meet one of the following MCCCDC prerequisites to take MAT256 (see Additional Lower Division Requirements section): Grade of C or better in MAT150/151/152/155/156, or MAT120/121/122 AND 140/141/142/145/146, or MAT140/141/142/145/146 AND placement test score to permit enrollment in MAT150/151/152/155/156 or higher.

CIS 105: Survey of Computer Information Systems or
BPC 110: Computer Usage & Applications or
CSC 180: Computer Literacy   3 hrs

Humanities, Arts, and Design [HU]

ARH 100: Introduction to Art OR



3 hrs
Recommend selecting a course that also fulfills [G] if not met in AAEE Content Area Electives

ARH 101: Prehistoric through Gothic Art OR

ARH 102: Renaissance Through Contemporary Art OR

DAH 100: Introduction to Dance OR

DAH 201: World Dance Studies OR

DAH 250: Dance in Popular Culture OR

MHL 140: Survey of Music History OR


MHL 145: American Jazz and Popular Music OR

MHL 146: Survey of Broadway Musicals OR

MHL 153: Rock Music and Culture OR

THE 111: Introduction to Theatre OR

THE 220: Modern Drama

EDU 291: Children's Literature or
ENH 291: Children's Literature  3 hrs

Social-Behavioral Science [SB]

Pathway Notes



Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.



Special Requirements


Completion of the MAPP and all special requirements satisfies the requirements for MCCCDC Associate of Arts Elementary Education degree and AGECE-A, meets major map requirements at ASU, and guarantees admission to the Elementary Education or Elementary Education (Bilingual Education/English as a Second Language) or Special Education/Elementary Education B.A.E. degree program and the teacher preparation program.

While a 2.0 is the minimum GPA for ASU's MAPP requirements, Mary Lou Fulton Teachers College requires a 2.5 GPA instead for coursework used to satisfy MAPP requirements.

| | | |
|--|--|--|
| ECH 176: Child Development or CFS 176: Child Development or CFS 205: Human Development | 3 hrs  | |
| HIS 103: United States History to 1865 or POS 113: United States and Arizona Social Studies or GCU 113: United States and Arizona Social Studies | 3 hrs  | HIS 103, GCU 113, and POS 113 meet US Constitution teacher certification requirement. GCU 113 and POS 113 (GCU/POS227 prior to Fall 2016) also meet AZ Constitution teacher certification requirement. |

| | | |
|--|--|---|
| Natural Science [SQ, SG] Life Sciences Course | 4 hrs  | One of the two natural science courses selected must be SQ. Choose from BIO prefix. |
| Physical or Earth/Space Science Course | 4 hrs  | Choose from AGS, ASM, AST, CHM, GLG, GPH, PHS, PHY. |

| | | |
|---|--|---|
| General Education Awareness Areas [C, H, G] Cultural Diversity in the U.S. [C] | 0 hrs  | Satisfied by EDU 222 or EDU 230. |
| Historical or Global Awareness [H] or [G] | 0 hrs  | Satisfied by HIS 103 or GCU 113/POS 113 (GCU/POS 227 prior to Fall 2016). |

| | | |
|--|--|---|
| MCCCD Additional Requirements COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs  | Met by COM 225 for Literacy and Critical Inquiry. |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

| | | |
|--|-------|--|
| Additional Lower Division Requirements | | |
| EDU 221: Introduction to Education | 3 hrs | |
| EDU 222: Introduction to the Exceptional Learner | 3 hrs | |
| EDU 230: CULTURAL DIVERSITY IN EDUCATION | 3 hrs | EDU 230 is an acceptable MAPP course substitution for TEL 203. |
| MAT 256: Investigating Quantity: Number, Operations and Numeration Systems | 4 hrs | |
| MAT 257: Investigating Geometry, Probability and Statistics | 4 hrs | |
| Select any EDU course(s) (except EDU 221, 222, 230 and 250) for 3 credits. | 3 hrs | |
| Select 5 credits from AAEE Content Area Elective options | 5 hrs | Recommend selecting a course with [G] if not already met by another course. POS 221: Take to meet AZ Constitution requirement if HIS 103 was taken rather than GCU/POS 227 for [SB] |

Total Required Credits: 60

Pathway Agreement

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Maricopa Community College District

Elementary Education (Science, Technology, Engineering and Mathematics), BAE Pathway 2020-2021

ASU Major: [Elementary Education \(Science, Technology, Engineering and Mathematics\), BAE | Mary Lou Fulton Teachers College](#)

Pathway Requirements

First Year Composition [FYC]

ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL



ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL



Literacy and Critical Inquiry [L]

COM 225: Public Speaking



Mathematical Studies [MA, CS]

MAT 140: College Mathematics or
MAT 141: College Mathematics or
MAT 142: College Mathematics or
MAT 145: College Mathematics with Review or
MAT 146: College Mathematics with Review or
Higher level course that meets MA requirement

3-6 hrs



Students must meet one of the following MCCCDC prerequisites to take MAT256 (see Additional Lower Division Requirements section): Grade of C or better in MAT150/151/152/155/156, or MAT120/121/122 AND 140/141/142/145/146, or MAT140/141/142/145/146 AND placement test score to permit enrollment in MAT150/151/152/155/156 or higher.

CIS 105: Survey of Computer Information Systems or
BPC 110: Computer Usage & Applications or
CSC 180: Computer Literacy



Humanities, Arts, and Design [HU]

ARH 100: Introduction to Art OR



Recommend selecting a course that also fulfills [G] if not met in AAEE Content Area Electives

ARH 101: Prehistoric through Gothic Art OR

ARH 102: Renaissance Through Contemporary Art OR

DAH 100: Introduction to Dance OR

DAH 201: World Dance Studies OR

DAH 250: Dance in Popular Culture OR

MHL 140: Survey of Music History OR

MHL 145: American Jazz and Popular Music OR

MHL 146: Survey of Broadway Musicals OR

MHL 153: Rock Music and Culture OR

THE 111: Introduction to Theatre OR

THE 220: Modern Drama

EDU 291: Children's Literature or
ENH 291: Children's Literature



Social-Behavioral Science [SB]


Pathway Notes


Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements



Completion of the MAPP and all special requirements satisfies the requirements for MCCCDC Associate of Arts Elementary Education degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Elementary Education (Science, Technology, Engineering and Mathematics) B.A.E. degree program and the teacher preparation program.


While a 2.0 is the minimum GPA for ASU's MAPP requirements, Mary Lou Fulton Teachers College requires a 2.5 GPA instead for coursework used to satisfy MAPP requirements. All courses must be completed with a C or greater.

| | | |
|--|--|--|
| POS 113: United States and Arizona Social Studies or GCU 113: United States and Arizona Social Studies or HIS 103: United States History to 1865 | 3 hrs  | HIS 103, GCU 113, and POS 113 meet US Constitution teacher certification requirement. GCU 113 and POS 113 (GCU/POS227 prior to Fall 2016) also meet AZ Constitution teacher certification requirement. |
|--|--|--|

| | |
|--|--|
| ECH 176: Child Development or CFS 176: Child Development or CFS 205: Human Development | 3 hrs  |
|--|--|

| | | |
|--|--|---|
| Natural Science [SQ, SG] Life Sciences Course | 4 hrs  | One of the two natural science courses selected must be SQ. Choose from BIO prefix. |
| Physical or Earth/Space Science Course | 4 hrs  | Choose from AGS, ASM, AST, CHM, GLG, GPH, PHS, PHY. |

| | | |
|---|--|---|
| General Education Awareness Areas [C, H, G] Cultural Diversity in the U.S. [C] | 0 hrs  | 3 hours [C] met by EDU 222 or EDU 230. |
| Historical or Global Awareness [H] or [G] | 0 hrs  | 3 hours [H] met by HIS 103 or GCU 113 or POS 113. |

| | | |
|--|--|---|
| MCCCD Additional Requirements COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs  | Met by COM 225 for Literacy and Critical Inquiry. |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

| | | |
|--|---------|--|
| Additional Lower Division Requirements | | |
| EDU 221: Introduction to Education | 3 hrs | |
| EDU 222: Introduction to the Exceptional Learner | 3 hrs | |
| EDU 230: CULTURAL DIVERSITY IN EDUCATION | 3 hrs | EDU 230 is an acceptable MAPP course substitution for TEL 203. |
| MAT 256: Investigating Quantity: Number, Operations and Numeration Systems | 4 hrs | |
| MAT 257: Investigating Geometry, Probability and Statistics | 4 hrs | |
| EDU Elective | 3 hrs | Select any EDU course (Except EDU 221, EDU 222, EDU 230 and EDU 250) |
| Select 6-8 credits from AAEE Content Area Elective options that also meet Math or Science Track course requirements. | 6-8 hrs | Please select a math or science track. Math track students should take any math classes that have not already been applied higher than MAT 140/141/142/145/146 (except MAT 256 and 257). Science track students should take any SQ/SG lecture courses that have not already been applied and are transferable to ASU as per aztransfer.com course equivalency guide. Recommend selecting a course with [G] if not already met by another course. POS 221: Take to meet AZ Constitution requirement if HIS 103 was taken rather than GCU/POS 227 for [SB] |

Total Required Credits: 61


















Pathway Agreement

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Maricopa Community College District Engineering, BSE Pathway 2020-2021

ASU Major: [Engineering, BSE](#) | [Ira A. Fulton Schools of Engineering](#)

Pathway Requirements

| | |
|--|--|
| Engineering Core ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL | 3 hrs   |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL | 3 hrs   |
| ECE 102: Engineering Analysis Tools or ECE 102AA: Engineering Analysis Tools and Techniques AND | 4 hrs |
| ECE 103: Engineering Problem Solving and Design or ECE 103AB: Engineering Problem Solving and Design or ECE 103EP: Engineering Problem Solving and Design (with EPICS projects) | |
| MAT 220: Calculus with Analytic Geometry I or MAT 221: Calculus with Analytic Geometry I | 4-5 hrs  |
| MAT 230: Calculus with Analytic Geometry II or MAT 231: Calculus with Analytic Geometry II | 4-5 hrs   |
| MAT 240: Calculus with Analytic Geometry III or MAT 241: Calculus with Analytic Geometry III | 4-5 hrs   |
| MAT 276: Modern Differential Equations or MAT 277: Modern Differential Equations | 3-4 hrs  |
| CHM 150: General Chemistry I and CHM 151LL: General Chemistry I Laboratory OR | 4-5 hrs   |
| CHM 150AA: General Chemistry I OR | |
| CHM 151AA: General Chemistry I OR | |
| CHM 151: General Chemistry I and CHM 151LL: General Chemistry I Laboratory | |
| CHM 152: General Chemistry II and CHM 152LL: General Chemistry II Laboratory OR | 4-5 hrs   |
| CHM 152AA: General Chemistry II OR | |
| CHM 154: General Chemistry II with Qualitative Analysis and CHM 154LL: General Chemistry II with Qualitative Laboratory | |
| PHY 115: University Physics I OR | 4-5 hrs   |
| PHY 121: University Physics I: Mechanics | |
| PHY 116: University Physics II or PHY 131: University Physics II: Electricity and Magnetism | 4-5 hrs  |

Pathway Notes


There are no notes for this pathway

Special Requirements

Completion of the Maricopa to ASU Engineering Pathway and all special requirements meets ASU major map requirements and guarantees admission to the Engineering BSE, Engineering (Automotive Systems), Engineering (Electrical Systems), Engineering (Robotics), and Engineering (Mechanical Engineering Systems) degree programs.

Note: Engineering Core Courses should be completed prior to enrolling in any additional lower division requirement courses. While requirements listed will meet ASU degree requirements, only 64 credit hours are transferable to ASU.

Special Requirements: 3.0 transfer GPA as calculated by ASU for admissions. All courses must be completed with a grade of "C" or better.

| | | |
|--|---|---|
| Humanities, Arts, and Design [HU] and AGEC Awareness Area | 3 hrs | Take one course that satisfies Humanities, Arts, and Design AND an Awareness Area requirement. |
| Social-Behavioral Science [SB] and AGEC Awareness Area | 3 hrs  | Take one course that satisfies Social-Behavioral Science AND an Awareness Area requirement. |
| Additional Lower Division Requirements | | |
| CSC 120: Digital Design Fundamentals or EEE 120: Digital Design Fundamentals | 4 hrs | |
| ECE 201: Introduction to Engineering Statics and ECE 202: Introduction to Engineering Dynamics and ECE 203: Applications of Engineering Mechanics OR ECE 211: Engineering Mechanics-Statics and ECE 212: Engineering Mechanics - Dynamics OR ECE 214: Engineering Mechanics | 4-6 hrs | |
| EEE 202: Circuits and Devices | 5 hrs | EEE 202 is an approved substitute for EGR 216. |
| Lower division secondary focus area | 1-6 hrs | The secondary focus area includes 12 credits (6 of which must be upper division) that form a coherent theme. Students must take two courses from the same or similar subjects, as students will take two upper division classes of the same subject at ASU. Recommended Maricopa prefixes: AEN, AMS, CAD, CNS, ECE, EEE, MET, MIT, MNT, or SMT. |
| ECE 104: EPICS Gold I | 0-2 hrs | EPICS is Engineering Projects in Community Service. Students who complete ECE104 may continue the EPICS sequence at ASU. Consult with Engineering faculty and/or STEM advisors to learn more about EPICS |

Total Required Credits: 61

Pathway Agreement

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Maricopa Community College District Engineering (Automotive Systems), BSE Pathway 2020-2021

ASU Major: [Engineering \(Automotive Systems\), BSE | Ira A. Fulton Schools of Engineering](#)

Pathway Requirements

| | | |
|--|---|--|
| Engineering Core ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL |   | 3 hrs |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL |   | 3 hrs |
| ECE 102: Engineering Analysis Tools or ECE 102AA: Engineering Analysis Tools and Techniques AND | | 4 hrs |
| ECE 103: Engineering Problem Solving and Design or ECE 103AB: Engineering Problem Solving and Design or ECE 103EP: Engineering Problem Solving and Design (with EPICS projects) | | |
| CHM 150: General Chemistry I and CHM 151LL: General Chemistry I Laboratory OR |   | 4-5 hrs |
| CHM 150AA: General Chemistry I OR | | |
| CHM 151AA: General Chemistry I OR | | |
| CHM 151: General Chemistry I and CHM 151LL: General Chemistry I Laboratory | | |
| CHM 152: General Chemistry II and CHM 152LL: General Chemistry II Laboratory OR |   | 4-5 hrs |
| CHM 152AA: General Chemistry II OR | | |
| CHM 154: General Chemistry II with Qualitative Analysis and CHM 154LL: General Chemistry II with Qualitative Laboratory | | |
| MAT 220: Calculus with Analytic Geometry I or MAT 221: Calculus with Analytic Geometry I |  | 4-5 hrs |
| MAT 230: Calculus with Analytic Geometry II or MAT 231: Calculus with Analytic Geometry II |   | 4-5 hrs |
| MAT 240: Calculus with Analytic Geometry III or MAT 241: Calculus with Analytic Geometry III |   | 4-5 hrs |
| MAT 276: Modern Differential Equations or MAT 277: Modern Differential Equations |  | 3-4 hrs |
| PHY 115: University Physics I or PHY 121: University Physics I: Mechanics |   | 4-5 hrs |
| PHY 116: University Physics II or PHY 131: University Physics II: Electricity and Magnetism |  | 4-5 hrs |
| Humanities, Arts, and Design [HU] and AGEC Awareness Area | | 3 hrs |
| Social-Behavioral Science [SB] and AGEC Awareness Area |  | 3 hrs |
| | | Take one course that satisfies Humanities, Arts, and Design AND an Awareness Area requirement. |
| | | Take one course that satisfies Social-Behavioral Science AND an Awareness Area requirement. |

Pathway Notes

There are no notes for this pathway

Special Requirements

Completion of the Maricopa to ASU Engineering Pathway and all special requirements meets ASU major map requirements and guarantees admission to the Engineering BSE, Engineering (Automotive Systems), Engineering (Electrical Systems), Engineering (Robotics), and Engineering (Mechanical Engineering Systems) degree programs.

Note: Engineering Core Courses should be completed prior to enrolling in any additional lower division requirement courses. While requirements listed will meet ASU degree requirements, only 64 credit hours are transferable to ASU.

Special Requirements: 3.0 transfer GPA as calculated by ASU for admissions. All courses must be completed with a grade of "C" or better.

Additional Lower Division Requirements

| | | |
|--|---------|---|
| CSC 120: Digital Design Fundamentals or EEE 120: Digital Design Fundamentals | 4 hrs | |
| ECE 201: Introduction to Engineering Statics and ECE 202: Introduction to Engineering Dynamics and ECE 203: Applications of Engineering Mechanics OR ECE 211: Engineering Mechanics-Statics and ECE 212: Engineering Mechanics - Dynamics OR ECE 214: Engineering Mechanics | 4-6 hrs | |
| EEE 202: Circuits and Devices | 5 hrs | EEE 202 is an approved substitute for EGR 216. |
| Lower division secondary focus area | 1-6 hrs | The secondary focus area includes 12 credits (6 of which must be upper division) that form a coherent theme. Students must take two courses from the same or similar subjects, as students will take two upper division classes of the same subject at ASU. Recommended Maricopa prefixes: AEN, AMS, CAD, CNS, ECE, EEE, MET, MIT, MNT, or SMT. |
| ECE 104: EPICS Gold I | 0-2 hrs | EPICS is Engineering Projects in Community Service. Students who complete ECE 104 may continue the EPICS sequence at ASU. Consult with Engineering faculty and/or STEM advisors to learn more about EPICS. |

Total Required Credits: 61

Pathway Agreement

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Maricopa Community College District Engineering (Electrical Systems), BSE Pathway 2020-2021

ASU Major: [Engineering \(Electrical Systems\), BSE | Ira A. Fulton Schools of Engineering](#)

Pathway Requirements

| | | |
|--|--|---|
| Engineering Core CHM 150: General Chemistry I and CHM 151LL: General Chemistry I Laboratory OR | 4-5 hrs   | |
| CHM 150AA: General Chemistry I OR | | |
| CHM 151AA: General Chemistry I OR | | |
| CHM 151: General Chemistry I and CHM 151LL: General Chemistry I Laboratory | | |
| CHM 152: General Chemistry II and CHM 152LL: General Chemistry II Laboratory OR | 4-5 hrs   | |
| CHM 152AA: General Chemistry II OR | | |
| CHM 154: General Chemistry II with Qualitative Analysis and CHM 154LL: General Chemistry II with Qualitative Laboratory | | |
| ECE 102: Engineering Analysis Tools or ECE 102AA: Engineering Analysis Tools and Techniques AND | 4 hrs | |
| ECE 103: Engineering Problem Solving and Design or ECE 103AB: Engineering Problem Solving and Design or ECE 103EP: Engineering Problem Solving and Design (with EPICS projects) | | |
| ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL | 3 hrs   | |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL | 3 hrs   | |
| MAT 220: Calculus with Analytic Geometry I or MAT 221: Calculus with Analytic Geometry I | 4-5 hrs   | |
| MAT 230: Calculus with Analytic Geometry II or MAT 231: Calculus with Analytic Geometry II | 4-5 hrs   | |
| MAT 240: Calculus with Analytic Geometry III or MAT 241: Calculus with Analytic Geometry III | 4-5 hrs   | |
| MAT 276: Modern Differential Equations or MAT 277: Modern Differential Equations | 3-4 hrs  | |
| PHY 115: University Physics I or PHY 121: University Physics I: Mechanics | 4-5 hrs   | For Associate in Science degree, Natural Sciences must be met by choosing either the CHM or PHY series. |
| PHY 116: University Physics II or PHY 131: University Physics II: Electricity and Magnetism | 4-5 hrs  | |
| Humanities, Arts, and Design [HU] and AGEC Awareness Areas | 3 hrs  | Take one course that satisfies Humanities, Arts, and Design AND an Awareness Area requirement. |
| Social-Behavioral Science [SB] and AGEC Awareness Areas | 3 hrs  | Take one course that satisfies Social-Behavioral Science AND an Awareness Area requirement. |

Pathway Notes

There are no notes for this pathway

Special Requirements

Completion of the Maricopa to ASU Engineering Pathway and all special requirements meets ASU major map requirements and guarantees admission to the Engineering BSE, Engineering (Automotive Systems), Engineering (Electrical Systems), Engineering (Robotics), and Engineering (Mechanical Engineering Systems) degree programs.

Note: Engineering Core Courses should be completed prior to enrolling in any additional lower division requirement courses. While requirements listed will meet ASU degree requirements, only 64 credit hours are transferable to ASU.

Special Requirements: 3.0 transfer GPA as calculated by ASU for admissions. All courses must be completed with a grade of "C" or better.

| | | |
|---|---------|---|
| Additional Lower Division Requirements | | |
| CSC 120: Digital Design Fundamentals or EEE 120: Digital Design Fundamentals | 4 hrs | |
| ECE 201: Introduction to Engineering Statics and ECE 202: Introduction to Engineering Dynamics and ECE 203: Applications of Engineering Mechanics OR ECE 211: Engineering Mechanics-Statics and ECE 212: Engineering Mechanics - Dynamics OR ECE 214: Engineering Mechanics | 4-6 hrs | |
| EEE 202: Circuits and Devices | 5 hrs | EEE 202 is an approved substitute for EGR 216. |
| Lower division secondary focus area | 1-6 hrs | The secondary focus area includes 12 credits (6 of which must be upper division) that form a coherent theme. Students must take two courses from the same or similar subjects, as students will take two upper division classes of the same subject at ASU. Recommended Maricopa prefixes: AEN, AMS, CAD, CNS, ECE, EEE, MET, MIT, MNT, or SMT. |
| ECE 104: EPICS Gold I | 0-2 hrs | EPICS is Engineering Projects in Community Service. Students who complete ECE 104 may continue the EPICS sequence at ASU. Consult with Engineering faculty and/or STEM advisors to learn more about EPICS. |

Total Required Credits: 61


















Pathway Agreement

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Maricopa Community College District Engineering (Mechanical Engineering Systems), BSE Pathway 2020-2021

ASU Major: [Engineering \(Mechanical Engineering Systems\), BSE | Ira A. Fulton Schools of Engineering](#)

Pathway Requirements

| | |
|--|---|
| Engineering Core ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL |   3 hrs |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL |   3 hrs |
| ECE 102: Engineering Analysis Tools or ECE 102AA: Engineering Analysis Tools and Techniques AND | 4 hrs |
| ECE 103: Engineering Problem Solving and Design or ECE 103AB: Engineering Problem Solving and Design or ECE 103EP: Engineering Problem Solving and Design (with EPICS projects) | |
| MAT 220: Calculus with Analytic Geometry I or MAT 221: Calculus with Analytic Geometry I |  4-5 hrs |
| MAT 230: Calculus with Analytic Geometry II or MAT 231: Calculus with Analytic Geometry II |   4-5 hrs |
| MAT 240: Calculus with Analytic Geometry III or MAT 241: Calculus with Analytic Geometry III |   4-5 hrs |
| MAT 276: Modern Differential Equations or MAT 277: Modern Differential Equations |  3-4 hrs |
| CHM 150: General Chemistry I and CHM 151LL: General Chemistry I Laboratory OR |   4-5 hrs |
| CHM 150AA: General Chemistry I OR | |
| CHM 151AA: General Chemistry I OR | |
| CHM 151: General Chemistry I and CHM 151LL: General Chemistry I Laboratory | |
| CHM 152: General Chemistry II and CHM 152LL: General Chemistry II Laboratory OR |   4-5 hrs |
| CHM 152AA: General Chemistry II OR | |
| CHM 154: General Chemistry II with Qualitative Analysis and CHM 154LL: General Chemistry II with Qualitative Laboratory | |
| PHY 115: University Physics I OR |   4-5 hrs |
| PHY 121: University Physics I: Mechanics | |
| PHY 116: University Physics II or PHY 131: University Physics II: Electricity and Magnetism |  4-5 hrs |

Pathway Notes


There are no notes for this pathway

Special Requirements

Completion of the Maricopa to ASU Engineering Pathway and all special requirements meets ASU major map requirements and guarantees admission to the Engineering BSE, Engineering (Automotive Systems), Engineering (Electrical Systems), Engineering (Robotics), and Engineering (Mechanical Engineering Systems) degree programs.

Note: Engineering Core Courses should be completed prior to enrolling in any additional lower division requirement courses. While requirements listed will meet ASU degree requirements, only 64 credit hours are transferable to ASU.

Special Requirements: 3.0 transfer GPA as calculated by ASU for admissions. All courses must be completed with a grade of "C" or better.

| | | |
|--|--|---|
| Humanities, Arts, and Design [HU] and AGEC Awareness Area | 3 hrs  | Take one course that satisfies Humanities, Arts, and Design AND an Awareness Area requirement. |
| Social-Behavioral Science [SB] and AGEC Awareness Area | 3 hrs | Take one course that satisfies Social-Behavioral Science AND an Awareness Area requirement. |
| Additional Lower Division Requirements | | |
| CSC 120: Digital Design Fundamentals or EEE 120: Digital Design Fundamentals | 4 hrs | |
| ECE 201: Introduction to Engineering Statics and ECE 202: Introduction to Engineering Dynamics and ECE 203: Applications of Engineering Mechanics OR ECE 211: Engineering Mechanics-Statics and ECE 212: Engineering Mechanics - Dynamics OR ECE 214: Engineering Mechanics | 4-6 hrs | |
| EEE 202: Circuits and Devices | 5 hrs | EEE 202 is an approved substitute for EGR 216. |
| Lower division secondary focus area | 1-6 hrs | The secondary focus area includes 12 credits (6 of which must be upper division) that form a coherent theme. Students must take two courses from the same or similar subjects, as students will take two upper division classes of the same subject at ASU. Recommended Maricopa prefixes: AEN, AMS, CAD, CNS, ECE, EEE, MET, MIT, MNT, or SMT. |
| ECE 104: EPICS Gold I | 0-2 hrs | EPICS is Engineering Projects in Community Service. Students who complete ECE104 may continue the EPICS sequence at ASU. Consult with Engineering faculty and/or STEM advisors to learn more about EPICS |

Total Required Credits: 61


















Pathway Agreement

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Maricopa Community College District Engineering (Robotics), BSE Pathway 2020-2021

ASU Major: [Engineering \(Robotics\), BSE | Ira A. Fulton Schools of Engineering](#)

Pathway Requirements

| | |
|--|---|
| Engineering Core ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL |   3 hrs |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL |   3 hrs |
| ECE 102: Engineering Analysis Tools or ECE 102AA: Engineering Analysis Tools and Techniques AND | 4 hrs |
| ECE 103: Engineering Problem Solving and Design or ECE 103AB: Engineering Problem Solving and Design or ECE 103EP: Engineering Problem Solving and Design (with EPICS projects) | |
| MAT 220: Calculus with Analytic Geometry I or MAT 221: Calculus with Analytic Geometry I |  4-5 hrs |
| MAT 230: Calculus with Analytic Geometry II or MAT 231: Calculus with Analytic Geometry II |   4-5 hrs |
| MAT 240: Calculus with Analytic Geometry III or MAT 241: Calculus with Analytic Geometry III |   4-5 hrs |
| MAT 276: Modern Differential Equations or MAT 277: Modern Differential Equations |  3-4 hrs |
| CHM 150: General Chemistry I and CHM 151LL: General Chemistry I Laboratory OR |   4-5 hrs |
| CHM 150AA: General Chemistry I OR | |
| CHM 151AA: General Chemistry I OR | |
| CHM 151: General Chemistry I and CHM 151LL: General Chemistry I Laboratory | |
| CHM 152: General Chemistry II and CHM 152LL: General Chemistry II Laboratory OR |   4-5 hrs |
| CHM 152AA: General Chemistry II OR | |
| CHM 154: General Chemistry II with Qualitative Analysis and CHM 154LL: General Chemistry II with Qualitative Laboratory | |
| PHY 115: University Physics I OR |   4-5 hrs |
| PHY 121: University Physics I: Mechanics | |
| PHY 116: University Physics II or PHY 131: University Physics II: Electricity and Magnetism |  4-5 hrs |

Pathway Notes

There are no notes for this pathway

Special Requirements

Completion of the Maricopa to ASU Engineering Pathway and all special requirements meets ASU major map requirements and guarantees admission to the Engineering BSE, Engineering (Automotive Systems), Engineering (Electrical Systems), Engineering (Robotics), and Engineering (Mechanical Engineering Systems) degree programs.

Note: Engineering Core Courses should be completed prior to enrolling in any additional lower division requirement courses. While requirements listed will meet ASU degree requirements, only 64 credit hours are transferable to ASU.

Special Requirements: 3.0 transfer GPA as calculated by ASU for admissions. All courses must be completed with a grade of "C" or better.

| | | |
|--|---------|---|
| Humanities, Arts, and Design [HU] and AGEC Awareness Area | 3 hrs | Take one course that satisfies Humanities, Arts, and Design AND an Awareness Area requirement. |
| Social-Behavioral Science [SB] and AGEC Awareness Area | 3 hrs | Take one course that satisfies Social-Behavioral Science AND an Awareness Area requirement. |
| Additional Lower Division Requirements | | |
| CSC 120: Digital Design Fundamentals or EEE 120: Digital Design Fundamentals | 4 hrs | |
| ECE 201: Introduction to Engineering Statics and ECE 202: Introduction to Engineering Dynamics and ECE 203: Applications of Engineering Mechanics OR ECE 211: Engineering Mechanics-Statics and ECE 212: Engineering Mechanics - Dynamics OR ECE 214: Engineering Mechanics | 4-6 hrs | |
| EEE 202: Circuits and Devices | 5 hrs | EEE 202 is an approved substitute for EGR 216. |
| Lower division secondary focus area | 1-6 hrs | The secondary focus area includes 12 credits (6 of which must be upper division) that form a coherent theme. Students must take two courses from the same or similar subjects, as students will take two upper division classes of the same subject at ASU. Recommended Maricopa prefixes: AEN, AMS, CAD, CNS, ECE, EEE, MET, MIT, MNT, or SMT. |
| ECE 104: EPICS Gold I | 0-2 hrs | EPICS is Engineering Projects in Community Service. Students who complete ECE104 may continue the EPICS sequence at ASU. Consult with Engineering faculty and/or STEM advisors to learn more about EPICS |

Total Required Credits: 61





Pathway Agreement


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Maricopa Community College District Engineering Management, BSE Pathway 2020-2021


ASU Major: [Engineering Management, BSE | Ira A. Fulton Schools of Engineering](#)


Pathway Requirements


| | |
|--|---|
| First-Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL |   3 hrs |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL |   3 hrs |

| | | |
|---|---|--|
| Literacy and Critical Inquiry [L] Literacy and Critical Inquiry [L] | 0-3 hrs  | Recommend selecting a course that satisfies (L and SB) or (L and HU), or (L and COM), or (L and CRE101) requirements simultaneously. |
|---|---|--|



| | |
|--|---|
| Mathematical Studies [MA] MAT 220: Calculus with Analytic Geometry I or MAT 221: Calculus with Analytic Geometry I |   4-5 hrs |
|--|---|



| | | |
|---|--|--|
| Humanities, Arts, and Design [HU] SSH 111: Sustainable Cities | 3 hrs  | Use to satisfy Humanities and Fine Arts [HU] and Global Engineering/Sustainability/Entrepreneurship Course Requirement. Also satisfies Global Awareness [G]. |
|---|--|--|



| | |
|-------------------------------------|--|
| Humanities, Arts, and Design | 3 hrs  |
|-------------------------------------|--|



| | | |
|--|--|--|
| Social-Behavioral Science [SB] COM 263: ELEMENTS OF INTERCULTURAL COMM | 3 hrs  | COM 263 satisfies Social-Behavioral Science [SB] and Cultural Diversity in the U.S. [C] requirements simultaneously. |
|--|--|--|

| | |
|--|--|
| PSY 101: Introduction to Psychology | 3 hrs   |
|--|--|

| | | |
|--|--|--|
| Natural Science [SQ, SG] CHM 151: General Chemistry I and CHM 151LL: General Chemistry I Laboratory | 4 hrs   | Course can be used to satisfy basic science requirement for major. |
|--|--|--|

| | |
|---|--|
| CHM 152: General Chemistry II and CHM 152LL: General Chemistry II Laboratory | 4 hrs   |
|---|--|

| | |
|--|--|
| Subject Options MAT 230: Calculus with Analytic Geometry II or MAT 231: Calculus with Analytic Geometry II | 4-5 hrs   |
|--|--|

| | |
|--|--|
| MAT 240: Calculus with Analytic Geometry III or MAT 241: Calculus with Analytic Geometry III | 4-5 hrs   |
|--|--|

General Education Awareness Areas [C, H, G]

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate of Science degree and AGEC-S, meets major map requirements at ASU, and guarantees admission to the Engineering Management, BSE degree program.

Note: Engineering Core Courses should be completed prior to enrolling in any additional lower division requirement courses. While requirements listed will meet ASU degree requirements, only 64 credit hours are transferable to ASU.

Special Requirements: 2.75 GPA in course work used to satisfy MAPP requirements. All courses must be completed with a grade of "C" or better.

| | | |
|---|-------|-----------------|
| Cultural Diversity in the U.S. [C] | 0 hrs | Met by COM 263. |
| Historical or Global Awareness [H] or [G] | 0 hrs | Met by SSH 111. |

MCCCD Additional Requirements

| | | |
|---|---------|---------------------------------|
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Engineering Core

| | | |
|---|---------|--|
| ECE 102: Engineering Analysis Tools an or ECE 102AA: Engineering Analysis Tools an AND | 4 hrs | The combination of these two courses transfer as FSE 100 and ASU 101 at ASU. Students must take both to get credit for both. |
| ECE 103: Engineering Problem Solving a or ECE 103AB: Engineering Problem Solving a or ECE 103EP: Engineering Problem Solving and Design (with EPICS projects) | | |
| CSC 110: Introduction to Computer Scie or CSC 110AA: Introduction to Computer Scie or CSC 110AB: Intro to Computer Science (JA) | 3-4 hrs | |
| CSC 205: Object Oriented Programming a or CSC 205AA: Object Oriented Programming a or CSC 205AB: Object Oriented Programming a | 3-4 hrs | |

Additional Lower Division Requirements

| | | |
|---|---------|--|
| ACC 111: Accounting Principles I and ACC 230: Uses of Accounting Information and ACC 240: Uses of Accounting Information OR ACC 111: Accounting Principles I and ACC 112: Accounting Principles II and ACC 212: Managerial Accounting OR ACC 211: Financial Accounting and ACC 212: Managerial Accounting | 6-9 hrs | |
| ECN 212: Microeconomic Principles | 3 hrs | |
| MAT 225: Elementary Linear Algebra | 3 hrs | |
| PHY 121: UNIVERSITY PHYSICS I: MECHANICS | 4 hrs | May also take PHY 115 to satisfy this requirement |
| ECE 104: EPICS Gold I | 0-2 hrs | EPICS is Engineering Projects in Community Service. Students who complete ECE 104 may continue the EPICS sequence at ASU. Consult with Engineering faculty and/or STEM advisors to learn more about EPICS. |

Total Required Credits: 64

Pathway Agreement

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Maricopa Community College District
English, BA Pathway
2020-2021

ASU Major: [English, BA | New College of Interdisciplinary Arts and Sciences](#)


Pathway Requirements

First Year Composition [FYC]


ENG 101: First-Year Composition or
 ENG 107: First-Year Composition for ESL  3 hrs


ENG 102: First-Year Composition or
 ENG 108: First-Year Composition for ESL  3 hrs

Literacy and Critical Inquiry [L]


ENG 200: READING and WRITING ABOUT LITERATURE  3 hrs Satisfies ASU English Core Requirement.


Mathematical Studies [MA, CS]

MAT 140: College Mathematics or
 MAT 141: College Mathematics or
 MAT 142: College Mathematics or
 MAT 145: College Mathematics with Review
 or
 MAT 146: College Mathematics with Review  3-6 hrs


Computer/Statistics/Quantitative Applications
 [CS]  3 hrs


Humanities, Arts, and Design [HU]

ENH 221: SURVEY OF ENGLISH LIT BEFORE 1800  3 hrs Partially satisfies the ASU ENG distribution requirement.


ENH 222: SURVEY OF ENGLISH LIT AFTER 1800  3 hrs Partially satisfies the ASU ENG distribution requirement.

Social-Behavioral Science [SB]

Social-Behavioral Science  3 hrs


Social-Behavioral Science  3 hrs


Natural Science [SQ, SG]

Natural Science [SQ, SG]  4 hrs Select at least one SQ within the Natural Science requirement.

Natural Science [SQ, SG]  4 hrs

General Education Awareness Areas [C, H, G]

Cultural Diversity in the U.S. [C]  0-3 hrs

Historical or Global Awareness [H] or [G]  0 hrs [H] satisfied by ENH 222

MCCCD Additional Requirements

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.


Special Requirements

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Emphasis in English (Literature) degree and AGECA-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the English, BA degree program.

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information:

<https://transfer.asu.edu/credits>

Total Required Credits: 60

| | | |
|---|---------|--|
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs |  |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |
| ENH 213: Introduction to the Study of Language | 3 hrs | Partially satisfies the ASU ENG distribution requirement. |
| ENH 241: American Literature Before 1860 | 3 hrs | Partially satisfies the ASU ENG distribution requirement. |
| ENH 242: American Literature After 1860 | 3 hrs | Partially satisfies the ASU ENG distribution requirement. |
| English Elective | 9 hrs | Select three ENG/ENH courses that transfer to ASU as ENG departmental elective. |
| Lower Division Elective | 0-7 hrs | Within these elective credits, the New College of Interdisciplinary Arts and Sciences Languages and Cultures Requirement may be fulfilled by completing one of the following options before transferring to ASU: Non-English language course at the intermediate level (202 or equivalent), including American Sign Language (ASL) OR two semesters of a current computer language (CSC110 and CSC200 or CSC205). Alternatively, students can meet ASU's Languages and Cultures Requirement after transferring by completing an additional 6 credits of upper-division Global or Cultural courses once at ASU. |

Pathway Agreement



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Maricopa Community College District
English, BA Pathway
2020-2021

ASU Major: [English, BA](#) | [College of Integrative Sciences and Arts](#)


Pathway Requirements

First Year Composition [FYC]


ENG 101: First-Year Composition or
 ENG 107: First-Year Composition for ESL   3 hrs


ENG 102: First-Year Composition or
 ENG 108: First-Year Composition for ESL   3 hrs

Literacy and Critical Inquiry [L]


ENG 200: READING & WRITING ABOUT
 LITER  3 hrs


Mathematical Studies [MA, CS]

MAT 140: College Mathematics or
 MAT 141: College Mathematics or
 MAT 142: College Mathematics or
 MAT 145: College Mathematics with Review or
 MAT 146: College Mathematics with Review  3-6 hrs A higher-level course that meets [MA] requirement is also acceptable.


Computer/Statistics/Quantitative Applications
 [CS]  3 hrs


Humanities, Arts, and Design [HU]

ENH 201: World Literature Through Renaissance or
 ENH 202: World Literature After the Renaissance or
 ENH 221: SURVEY OF ENGLISH LIT BEFORE 1800 or
 ENH 241: American Literature Before 1860  3 hrs Meets Literature and Culture Before 1800


ENH 222: SURVEY OF ENGLISH LITERATURE BEFORE 1800  3 hrs Meets 2** ENG Literature Course


Social-Behavioral Science [SB]

Social-Behavioral Science  3 hrs


Social-Behavioral Science  3 hrs


Natural Science [SQ, SG]

Natural Science [SQ, SG]  4 hrs Select at least one SQ within the Natural Science requirement.

Natural Science [SQ, SG]  4 hrs

General Education Awareness Areas [C, H, G]

Cultural Diversity in the U.S. [C]  0-3 hrs


Historical or Global Awareness [H] or [G]  0-3 hrs

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

The recommended MCCCDC associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Emphasis in English (Literature) degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the English, BA degree program.

| | | |
|---|---------|---|
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs |  |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

| | | |
|---|----------|---|
| Additional Lower Division Requirements | | |
| ENH 242: American Literature After 1860 | 3 hrs | |
| Rhetoric, Writing and Linguistics Elective | 3 hrs | Select one of the following courses: CRW 160, CRW 170, ENG 210, ENG 215, ENG 216, ENG 217, ENG 218, or any other CRW or ENG course that is equivalent according to the Course Equivalency Guide on AZTransfer.com |
| Lower Division Elective | 4-19 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60





Pathway Agreement


[Print](#)



Maricopa Community College District English (Creative Writing), BA Pathway 2020-2021


ASU Major: [English \(Creative Writing\), BA](#) | College of Liberal Arts and Sciences



Pathway Requirements



| | |
|--|---|
| First Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL |   3 hrs |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL |   3 hrs |



| | |
|--|--|
| Literacy and Critical Inquiry [L] ENG 200: READING and WRITING ABOUT LITERATURE |  3 hrs |
|--|--|

| | |
|---|---|
| Mathematical Studies [MA, CS] MAT 140: College Mathematics or MAT 141: College Mathematics or MAT 142: College Mathematics or MAT 145: College Mathematics with Review or MAT 146: College Mathematics with Review |  3-6 hrs |
| Computer/Statistics/Quantitative Applications [CS] |  3 hrs |

| | | |
|--|---|--|
| Humanities, Arts, and Design [HU] American Literature Course |  3 hrs | Humanities and Fine Arts - Students should choose a course from the American Literature Courses list below that also carries the HU general studies designation. |
| American Literature Course |  3 hrs | Humanities and Fine Arts - Students should choose a course from the American Literature Courses list that also carries the HU general studies designation. |

| | |
|---|---|
| Social-Behavioral Science [SB] Social-Behavioral Science [SB] |  3 hrs |
| Social-Behavioral Science [SB] |  3 hrs |

| | | |
|---|---|---|
| Natural Science [SQ, SG] Natural Science [SQ, SG] |  4 hrs | Students must choose at least one natural science course that satisfies the SQ general studies designation. |
| Natural Science [SQ, SG] |  4 hrs | Students must choose at least one natural science course that satisfies the SQ general studies designation. |

| | |
|--|---|
| General Education Awareness Areas [C, H, G] Cultural Diversity in the U.S. [C] |  0-3 hrs |
| Historical or Global Awareness [H] or [G] |  0-3 hrs |

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the English (Creative Writing) B.A. degree program.

Special Requirements: 3.0 GPA in English courses beyond First Year Composition (ENG, ENH, CRW MAPP requirements). 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of "C" or better.

After transfer to ASU: Before continuing into the 400-level courses required to complete the creative writing concentration, students must successfully pass a portfolio review. Students who do not successfully pass this milestone may complete the English major by concentrating in Literature or Linguistics.

MCCCD Additional Requirements

COM 100: Introduction to Human Communication or
COM 110: Interpersonal Communication or
COM 225: Public Speaking or
COM 230: Small Group Communication

0-3 hrs



CRE 101: College Critical Reading 0-3 hrs Complete CRE 101 or equivalent.

Additional Lower Division Requirements

CRW 160: Introduction to Writing Poetry 3 hrs

CRW 170: Introduction to Writing Fiction 3 hrs

ENG Elective or
ENH Elective or
CRW Elective 3 hrs

Select one course (3 hours) that transfers to ASU with an ENG prefix, excluding ENG 101, ENG 102, ENG 107 and ENG 108.

Lower Division Second Language: Requirement satisfied through the following: Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. 0-16 hrs

Foreign Language Requirement: Select 101, 102, 201, 202 as needed to reach 4th semester proficiency.

Lower Division Elective 0-16 hrs

Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements.

Total Required Credits: 60

Track/Groups

American Literature Course

American Literature Course

ENH 190: Introduction to US Ethnic Literature or
ENH 241: AMERICAN LITERATURE BEFORE
1860 or
ENH 242: American Literature After 1860 or
ENH 255: CONTEMPORARY U.S. LIT and FILM or
ENH 259: American Indian Literature or
ENH 260: Literature of the Southwest

Pathway Agreement



Print



Maricopa Community College District English (Linguistics), BA Pathway 2020-2021

ASU Major: [English \(Linguistics\), BA | College of Liberal Arts and Sciences](#)


Pathway Requirements

First Year Composition [FYC]


ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL   3 hrs


ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL   3 hrs

Literacy and Critical Inquiry [L]


ENG 200: READING and WRITING ABOUT
LITERATURE  3 hrs


Mathematical Studies [MA, CS]

MAT 140: College Mathematics or
MAT 141: College Mathematics or
MAT 142: College Mathematics or
MAT 145: College Mathematics with Review
or
MAT 146: College Mathematics with Review  3-6 hrs


Computer/Statistics/Quantitative Applications
[CS]  3 hrs


Humanities, Arts, and Design [HU]

ENG 213: Introduction to the Study of Language or
SLC 201: Introduction to Linguistics  3 hrs ENG 213 can be applied as HU or SB, but not both.


ENH 221: SURVEY OF ENGLISH
LITERATURE BEFORE 1800 or
ENH 222: SURVEY OF ENGLISH
LITERATURE BEFORE 1800 or
ENH 241: American Literature Before 1860
or
ENH 242: American Literature After 1860  3 hrs


Social-Behavioral Science [SB]

Social-Behavioral Science [SB]  3 hrs ENG 213 can be applied as HU or SB, but not both.

Social-Behavioral Science [SB]  3 hrs

Natural Science [SQ, SG]

Natural Science [SQ, SG]  4 hrs At least 4 of the 8 credits required for Natural Science must be Science Quantitative [SQ].

Natural Science  4 hrs



General Education Awareness Areas [C, H, G]

Pathway Notes


Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts degree Emphasis in English (Literature) and AGECA, meets major map requirements at ASU, and guarantees admission to the English (Linguistics) B.A. degree program.

| | | |
|---|---------|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs |  |
| Historical or Global Awareness [H] or [G] | 0-3 hrs |  |

MCCCD Additional Requirements

| | | |
|---|---------|---|
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs |  |
|---|---------|---|

| | | |
|-----------------------------------|---------|---------------------------------|
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |
|-----------------------------------|---------|---------------------------------|

Additional Lower Division Requirements

| | | |
|--|----------|--|
| Lower Division Second Language: Requirement satisfied through the following: Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 0-16 hrs | Second Language: Select 101, 102, 201, 202 as needed to reach 4th semester language proficiency. |
| Lower Division Elective | 0-25 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60





Pathway Agreement


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Maricopa Community College District
English (Literature), BA Pathway
2020-2021



ASU Major: [English \(Literature\), BA | College of Liberal Arts and Sciences](#)



Pathway Requirements



| | |
|--|---|
| First Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL |   3 hrs |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL |   3 hrs |



| | |
|--|--|
| Literacy and Critical Inquiry [L] ENG 200: READING and WRITING ABOUT LITERATURE |  3 hrs |
|--|--|

| | |
|---|---|
| Mathematical Studies [MA, CS] MAT 140: College Mathematics or MAT 141: College Mathematics or MAT 142: College Mathematics or MAT 145: College Mathematics with Review or MAT 146: College Mathematics with Review |  3-6 hrs |
| Computer/Statistics/Quantitative Applications [CS] |  3 hrs |

| | | |
|--|---|--|
| Humanities, Arts, and Design [HU] ENH 200 Level HU |  3 hrs | Per Maricopa degree requirements, students should take ENH 222 and ENH 242 to fulfill this requirement |
| ENH 200 Level HU |  3 hrs | Per Maricopa degree requirements, students should take ENH 222 and ENH 242 to fulfill this requirement |

| | |
|--|---|
| Social-Behavioral Science [SB] Social-Behavioral Science |  3 hrs |
| Social-Behavioral Science |  3 hrs |

| | | |
|---|---|--|
| Natural Science [SQ, SG] Natural Science [SQ, SG] |  4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] |  4 hrs | |

| | |
|--|---|
| General Education Awareness Areas [C, H, G] Cultural Diversity in the U.S. [C] |  0-3 hrs |
| Historical or Global Awareness [H] or [G] |  0-3 hrs |

MCCCD Additional Requirements

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major is the Associate in Arts, English (Literature) degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the English (Literature), BA degree program.

COM 100: Introduction to Human Communication or
 COM 110: Interpersonal Communication or
 COM 225: Public Speaking or
 COM 230: Small Group Communication

0-3 hrs 

CRE 101: College Critical Reading 3 hrs Complete CRE 101 or equivalent.

Additional Lower Division Requirements

| | | |
|--|----------|--|
| Literature and Culture Before 1800 | 3 hrs | In addition to the courses used to fulfill the AGECE, complete one course from each of the Literature concentration areas. Courses cannot be from the same concentration area. |
| Literature and Culture After 1800 | 3 hrs | In addition to the courses used to fulfill the AGECE, complete one course from each of the Literature concentration areas. Courses cannot be from the same concentration area. |
| Lower Division Second Language: Requirement satisfied through the following: Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 0-16 hrs | Second Language: Select 101, 102, 201, 202 as needed to reach 4th semester language proficiency. |
| Lower Division Elective | 0-16 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60

Track/Groups

Literature Areas and Periods

| Literature and Culture After 1800 |
|--|
| ENH 204: Introduction to Contemporary Literature or ENH 222: Survey of English Literature After 1800 or ENH 242: American Literature After 1860 |

Literature Areas and Periods

| Literature and Culture Before 1800 |
|---|
| ENH 201: World Literature Through the Renaissance or ENH 202: World Literature After the Renaissance or ENH 221: Survey of English Literature Before 1800 |





Pathway Agreement


Print


Maricopa Community College District
English (Secondary Education), BA Pathway
2020-2021



ASU Major: [English \(Secondary Education\), BA | College of Liberal Arts and Sciences](#)


Pathway Requirements


| | |
|--|---|
| First Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL |   3 hrs |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL |   3 hrs |


| | |
|---|--|
| Literacy and Critical Inquiry [L] ENG 200: READING and WRITING ABOUT LITERATURE |  3 hrs |
|---|--|


| | |
|--|---|
| Mathematical Studies [MA, CS] MAT 140: College Mathematics or MAT 141: College Mathematics or MAT 142: College Mathematics or MAT 145: College Mathematics with Review or MAT 146: College Mathematics with Review |  3-6 hrs |
|--|---|


| | |
|---|---|
| CSC 180: Computer Literacy or CSC 180aa: Computer Literacy or CSC 180ab: Computer Literacy or CIS 105: Survey of Computer Information Systems or BPC 110: Computer Usage & Applications |   3-4 hrs |
|---|---|

| | |
|--|---|
| Humanities, Arts, and Design [HU] ENH 221: SURVEY OF ENGLISH LIT BEFORE 1800 |  3 hrs |
|--|---|

| | |
|---|---|
| ENH 222: SURVEY OF ENGLISH LIT AFTER 1800 |  3 hrs |
|---|---|

| | |
|---|---|
| Social-Behavioral Science [SB] EDU 222: Introduction to the Exceptional Learner |  3 hrs |
|---|---|

| | |
|---|---|
| SLC 201: Introduction to Linguistics or ENG 213: Introduction to the Study of Language |  3 hrs |
|---|---|

| | | |
|---|---|--|
| Natural Science [SQ, SG] Natural Science [SQ, SG] |  4 hrs | Select at least one SQ within the Natural Science requirement. |
|---|---|--|

| | |
|--------------------------|---|
| Natural Science [SQ, SG] |  4 hrs |
|--------------------------|---|

General Education Awareness Areas [C, H, G]

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Emphasis in Secondary Education and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the English (Secondary Education) BA degree program.

Special Requirements: 2.5 cumulative transfer GPA. All courses must be completed with a grade of "C" or better.

Fingerprint clearance and a background check is required in the second year of the program. We recommend you speak to a College of Liberal Arts Advisor to discuss these requirements further: englishadvising@asu.edu

| | | |
|---|-------|---------------------|
| Cultural Diversity in the U.S. [C] | 0 hrs | [C] met by EDU 222. |
| Historical or Global Awareness [H] or [G] | 0 hrs | [H] met by ENH 222. |

MCCCD Additional Requirements

| | | |
|---|---------|---------------------------------|
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|--|----------|---|
| ENG 215: Strategies of Academic Writing or ENG 216: PERSUASIVE WRITING ON PUBLIC ISSUES or ENG 217: PERSONAL and EXPLORATORY WRITING | 3 hrs | |
| ENH 241: AMERICAN LITERATURE BEFORE 1860 | 3 hrs | |
| ENH 242: American Literature After 1860 | 3 hrs | |
| HIS 103: United States History to 1865 OR POS 110: American National Government OR GCU/POS 113 (GCU/POS 227 prior to 2016) OR POS 220: U.S. and Arizona Constitution or POS 222: U.S. Constitution | 2-3 hrs | Meets the state teacher certification requirement for US Constitution. POS 113 (GCU/POS227 prior to 2016) or POS 220 also meets the state teacher certification for Arizona Constitution. |
| POS 221: Arizona Constitution | 0-1 hrs | Meets the state teacher certification requirement for AZ Constitution if took HIS 103, POS 110, or POS 222. |
| Lower Division Second Language: Requirement satisfied through the following: Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 0-16 hrs | |
| Lower Division Elective | 0-14 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements, excluding MAT 120/121/122 (non-transferable to ASU). |

Total Required Credits: 60



Pathway Agreement



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Maricopa Community College District
Environmental Design, BS Pathway
2020-2021



ASU Major: **Environmental Design, BS | Herberger Institute for Design and the Arts**

Pathway Requirements

First Year Composition [FYC]
 ENG 101: First-Year Composition or
 ENG 107: First-Year Composition for ESL   3 hrs

ENG 102: First-Year Composition or
 ENG 108: First-Year Composition for ESL   3 hrs

Literacy and Critical Inquiry [L]
 Literacy and Critical Inquiry [L]  3 hrs

Mathematical Studies [MA, CS]
 MAT 150: College Algebra / Functions and
 MAT 182: Plane Trigonometry OR   5-9 hrs


MAT 151: College Algebra/Functions and
 MAT 182: Plane Trigonometry OR


MAT 152: College Algebra/Functions and
 MAT 182: Plane Trigonometry OR


MAT 155: College Algebra/Functions with
 Review and
 MAT 182: Plane Trigonometry OR

MAT 156: College Algebra/Functions with
 Review and
 MAT 182: Plane Trigonometry OR


MAT 187: Precalculus

Computer/Statistics/Quantitative Applications [CS]  3 hrs
 Computer/Statistics/Quantitative: Students wishing to transfer into Architectural Studies must complete ALA 235 at ASU; Students wishing to transfer into Interior Design must complete INT 121 at ASU.

Humanities, Arts, and Design [HU]
 Humanities, Arts, and Design [HU]  3 hrs
 Recommend select a course which satisfies [HU] and awareness area [C, H, or G] requirements simultaneously. INT 115 or INT 120 will fulfill requirement. **Students wishing to transfer to Interior Design should take ARH 102.

Humanities, Arts, and Design [HU]  3 hrs

Social-Behavioral Science [SB]
 ECN 212: Microeconomic Principles or
 PSY 101: Introduction to Psychology   3 hrs

Social-Behavioral Science [SB]  3 hrs
 Recommend selecting a course which satisfies [SB] and awareness area [C, H, or G] requirements simultaneously. **Students wishing to transfer to Industrial Design should take PSY 101 and ECN 212.

Natural Science [SQ, SG]



Pathway Notes



Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.


Special Requirements


Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Environmental Design B.S.degree program.

The MAPP for the BS in Environmental Design is provided as a transfer pathway for students wishing to complete their BS in Environmental Design at Arizona State University. The BS in Environmental Design is a pathway for the 3+ graduate programs in Architecture, Industrial Design, Interior Architecture, Landscape Architecture and Visual Communication Design offered through The Design School. These programs are studio Master's Degree programs that students with a Bachelor's Degree in any discipline can apply for. The options for these programs can be seen on The Design School's graduate degrees page <https://design.asu.edu/degree-programs/gradua>

| | | |
|--|--|---|
| PHY 101: Introduction to Physics or PHY 111: General Physics I or GPH 111: Introduction to Physical Geography and GPH 112: Introduction to Physical Geography Lab | 4 hrs  | **Students wishing to transfer to Architectural Studies or Interior Design must complete PHY 101. Student wishing to transfer to Industrial Design must complete PHY 111. Students wishing to transfer to Landscape Architecture must complete GPH 111 and GPH 112. |
| Natural Science [SQ, SG] | 4 hrs  | Select at least one [SQ] within the Natural Science requirement. |

| | | |
|---|--|---|
| General Education Awareness Areas [C, H, G] Cultural Diversity in the U.S. [C] | 0-3 hrs  | Recommend combining [C] requirement with [SB, HU, or L]. |
| Historical or Global Awareness [H] or [G] | 0-3 hrs  | Recommend combining [H] or [G] requirement with [SB, HU, or L]. |

| | | |
|--|--|---------------------------------|
| MCCCD Additional Requirements COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs  | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

| | | |
|---|--|--|
| Additional Lower Division Requirements ARC 100: Intro to Environmental Design or INT 105: Introduction to Interior Design or INT 115: Historical Architecture and Furniture or INT 225: History of Decorative Arts or INT 235: Universal Design | 3 hrs | Take one of the suggested courses to meet Design Culture and Literacy I requirements. |
| ARC 100: Intro to Environmental Design or CNS 101: Construction and Culture or INT 105: Introduction to Interior Design or INT 120: Modern Architecture and Furniture or INT 150: Color and Design or PHI 103: Introduction to Logic or PHI 105: Introduction to Ethics | 3 hrs  | Take one of the suggested courses to meet Design Culture and Literacy II requirements. |
| ARC 120: Design Fundamentals I or ART 181: Graphic Design I or INT 140: Introduction to CAD for Interior Design or INT 145: Drawing and Rendering | 3 hrs | Take one of the suggested courses to meet Design Fundamentals and Principles I |
| ARC 150: Architectural Desktop I or ARC 160: Site Planning or ART 182: Graphic Design II or INT 190: Space Planning or INT 205: Residential Design | 3 hrs | Take one of the suggested courses to meet Design Fundamentals and Principles II |
| SUS 100: Introduction to Sustainability | 3 hrs | |
| Lower Division Elective | 0-8 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60



















Pathway Agreement

Print

Maricopa Community College District Environmental Science, BA Pathway 2020-2021

ASU Major: [Environmental Science, BA | New College of Interdisciplinary Arts and Sciences](#)

Pathway Requirements

| | |
|---|--|
| First Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL |   3 hrs |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL |   3 hrs |
| Literacy and Critical Inquiry [L] Literacy and Critical Inquiry [L] |  3 hrs |
| Mathematical Studies [MA, CS] MAT 150: College Algebra/Functions and MAT 182: Plane Trigonometry OR MAT 151: College Algebra/Functions and MAT 182: Plane Trigonometry OR MAT 152: College Algebra/Functions and MAT 182: Plane Trigonometry OR MAT 187: Precalculus GBS 221: Business Statistics or MAT 206: Elements of Statistics or SWU 225: Statistics for Social Research/Justice and Government |   5-8 hrs   3 hrs |
| Humanities, Arts, and Design [HU] SSH 111: Sustainable Cities |  3 hrs |
| Humanities, Arts, and Design [HU] |  3 hrs |
| Social-Behavioral Science [SB] ECN 212: Microeconomic Principles |   3 hrs |
| Social-Behavioral Science [SB] |  3 hrs |
| Natural Science [SQ, SG] BIO 181: General Biology (Majors) I or BIO 181XT: General Biology (Majors) I |   4-5 hrs |
| BIO 182: General Biology (Majors) II |   4 hrs |

General Education Awareness Areas [C, H, G]

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Environmental Science, B.A. degree program.

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information:
<https://transfer.asu.edu/credits>

| | | | |
|---|---------|--|-----------------------|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | | |
| Historical or Global Awareness [H] or [G] | 0 hrs | | Satisfied by SSH 111. |

| | | | |
|---|---------|--|---------------------------------|
| MCCCD Additional Requirements | | | |
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs | | |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | | Complete CRE 101 or equivalent. |

| | | | |
|--|---------|--|--|
| Additional Lower Division Requirements | | | |
| CHM 150: General Chemistry I and CHM 151LL: General Chemistry I Laboratory OR CHM 150AA: General Chemistry I OR CHM 151: General Chemistry I and CHM 151LL: General Chemistry I Laboratory OR CHM 151AA: General Chemistry I | 4-5 hrs | | |
| CHM 152: General Chemistry II and CHM 152LL: General Chemistry II Laboratory OR CHM 152AA: General Chemistry II OR CHM 154: General Chemistry II with Qualitative Analysis and CHM 154LL: General Chemistry II with Qualitative Laboratory | 4-5 hrs | | |
| CHM 230: Fundamental Organic Chemistry or CHM 230LL: Fundamental Organic Chemistry Laboratory | 4 hrs | | |
| GLG 101: Introduction to Geology I - Physical Lecture and GLG 103: Introduction to Geology I - Physical Lab or GLG 101IN: Introduction to Geology I - Physical | 4 hrs | | |
| GPH 210: Society and Environment | 3 hrs | | |
| MGT 246: PRINCIPLES OF PROJECT Management or TQM 240: Project Management In Quality Organizations | 3 hrs | | |
| PHY 101: Introduction to Physics or PHY 101AA: Introduction to Physics | 4-5 hrs | | |
| ECN 211: Macroeconomic Principles OR HON 201: Leadership Development: Historical and Contemporary Perspectives or MGT 229: Management and Leadership I OR POS 110: American National Government OR SUS 230: Practical Skills for Sustainability Problem Solving | 0-3 hrs | | Select one course to fulfill ASU's Social Science and Humanities Electives. The course may be used to fulfill any outstanding AGEC credits simultaneously. |

Total Required Credits: 63



Pathway Agreement



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Maricopa Community College District
Environmental Science, BS Pathway
2020-2021



ASU Major: [Environmental Science, BS | New College of Interdisciplinary Arts and Sciences](#)

Pathway Requirements

First Year Composition [FYC]
 ENG 101: First-Year Composition or
 ENG 107: First-Year Composition for ESL   3 hrs

ENG 102: First-Year Composition or
 ENG 108: First-Year Composition for ESL   3 hrs

Literacy and Critical Inquiry [L]
 Literacy and Critical Inquiry [L]  3 hrs

Mathematical Studies [MA, CS]
 MAT 150: College Algebra / Functions and
 MAT 182: Plane Trigonometry OR   3-9 hrs

MAT 151: College Algebra / Functions and
 MAT 182: Plane Trigonometry OR



MAT 152: College Algebra / Functions and
 MAT 182: Plane Trigonometry OR


MAT 155: College Algebra/Functions with
 Review and
 MAT 182: Plane Trigonometry OR

MAT 156: College Algebra/Functions with
 Review and
 MAT 182: Plane Trigonometry OR

MAT 187: Precalculus OR


MAT 212: Brief Calculus or
 MAT 213: Brief Calculus

MAT 206: Elements of Statistics or
 SWU 225: Statistics for Social
 Research/Justice and Government or
 GBS 221: Business Statistics   3 hrs

Humanities, Arts, and Design [HU]
 SSH 111: Sustainable Cities  3 hrs SSH 111 may be used to satisfy 3 credits of either the [HU] or [SB] AGEC requirement.

Humanities, Arts, and Design [HU]  3 hrs

Social-Behavioral Science [SB]
 Social-Behavioral Science [SB]  3 hrs

Social-Behavioral Science [SB]  3 hrs

Natural Science [SQ, SG]





Pathway Notes



Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.


Special Requirements

The recommended MCCCDC associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Emphasis in Sustainability and Environmental Studies degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Environmental Science, BS degree program.





ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information: <https://transfer.asu.edu/credits>

| | |
|---|--|
| BIO 181: General Biology (Majors) I or BIO 181XT: General Biology (Majors) I | 4-5 hrs   |
| BIO 182: General Biology (Majors) II | 4 hrs   |

| | |
|---|--|
| General Education Awareness Areas [C, H, G] | |
| Cultural Diversity in the U.S. [C] | 0-3 hrs  |
| Historical or Global Awareness [H] or [G] | 0-3 hrs  |

| | |
|--|--|
| MCCCD Additional Requirements | |
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs  |

| | | |
|-----------------------------------|---------|---------------------------------|
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |
|-----------------------------------|---------|---------------------------------|

| | |
|---|--|
| Additional Lower Division Requirements | |
| CHM 150: General Chemistry I and CHM 151LL: General Chemistry I Laboratory OR CHM 151: General Chemistry I and CHM 151LL: General Chemistry I Laboratory OR CHM 150AA: General Chemistry I or CHM 151AA: General Chemistry I | 4-5 hrs  |
| CHM 152: General Chemistry II and CHM 152LL: General Chemistry II Laboratory OR CHM 152AA: General Chemistry II | 4 hrs  |
| CHM 230: Fundamental Organic Chemistry and CHM 230LL: Fundamental Organic Chemistr OR CHM 235: General Organic Chemistry I and CHM 235LL: General Organic Chemistry I La | 4 hrs  |
| GLG 101: Introduction to Geology I - Physical Lecture and GLG 103: Introduction to Geology I - Physical Lab | 4 hrs  |
| PHY 101: Introduction to Physics or PHY 101AA: Introduction to Physics | 4-5 hrs |

| | | |
|-----------------------------|---------|--|
| Track Focus Elective Course | 3-4 hrs | The electives listed at the bottom are grouped by focus areas. Students can take electives from any of the focus areas. Some students may choose to specialize in a particular area, and therefore take all of their electives from within one group. Other students may choose a broad approach and take electives from each group. HON 201 and SUS 110 can be used to satisfy [SB] AGEC requirements simultaneously. |
| Lower Division Elective | 0-6 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 64

Track/Groups

Track Focus Elective Course

| Track Focus Elective Course | |
|--|---------------------|
| HON 201: Leadership Development: Historical and Contemporary Perspective or | Business/Leadership |
| MGT 229: Management and Leadership I OR | |

| | |
|---|-----------------------------|
| MGT 246: PRINCIPLES OF PROJECT Management or TQM 240: Project Management In Quality Orgs OR | Track Focus Elective Course |
| SUS 230: Practical Skills for Sustainability Problem Solving | Track Focus Elective Course |
| SUS 110: Sustainable World | Ecosystem/Global Change |
| CHM 236: General Organic Chemistry IIA and CHM 236LL: General Organic Chemistry II Lab | Chemistry/Toxicology |

Pathway Agreement

Print

Maricopa Community College District Environmental and Resource Management, BS Pathway 2020-2021

ASU Major: [Environmental and Resource Management, BS | Ira A. Fulton Schools of Engineering](#)

Pathway Requirements

First Year Composition [FYC]

ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL



ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL



Literacy and Critical Inquiry [L]

Literacy and Critical Inquiry [L]



Mathematical Studies [MA, CS]

MAT 212: Brief Calculus or
MAT 213: Brief Calculus

3-4 hrs



MAT 206: Elements of Statistics or
SWU 225: Statistics for Social
Research/Justice and Government or
GBS 221: Business Statistics or
PSY 230: Introduction to Statistics



Humanities, Arts, and Design [HU]

Humanities, Arts, and Design [HU]

3 hrs



Selecting courses that also satisfy [H] is recommended.

Humanities, Arts, and Design [HU]

3 hrs



Selecting courses that also satisfy [H] is recommended.

Social-Behavioral Science [SB]

PSY 101: Introduction to Psychology

3 hrs



Social-Behavioral Science [SB]



Selecting a course that also satisfies [C] is recommended.

Natural Science [SQ, SG]

CHM 150: General Chemistry I and
CHM 151LL: General Chemistry I Laboratory
OR



CHM 150AA: General Chemistry I OR

CHM 151: General Chemistry I and
CHM 151LL: General Chemistry I Laboratory
OR

CHM 151AA: General Chemistry I

CHM 152AA: General Chemistry II OR



CHM 152: General Chemistry II and
CHM 152LL: General Chemistry II
Laboratory



Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.


Special Requirements

Completion of the Maricopa to ASU Engineering Pathway and all special requirements satisfies the requirements for MCCC Associate of Arts degree and AGECE-A, meets major map requirements at ASU, and guarantees admission to the Environmental and Resource Management, BS degree program within The Polytechnic School in the Ira A. Fulton Schools of Engineering.

General Education Awareness Areas [C, H, G]


| | | |
|--|---------|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs |  |
| Historical [H] or Global Awareness [G] | 0-3 hrs |  |

MCCCD Additional Requirements


| | | |
|---|---------|---|
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs |  |
|---|---------|---|

| | | |
|-----------------------------------|---------|---------------------------------|
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |
|-----------------------------------|---------|---------------------------------|

Additional Lower Division Requirements

| | | |
|---|---------|---|
| BIO 181: General Biology (Majors) I or BIO 181XT: General Biology (Majors) I | 4-5 hrs |  |
|---|---------|---|

| | | |
|--|-------|--|
| CHM 230: Fundamental Organic Chemistry | 3 hrs | CHM 230 - Associated lab not required. |
|--|-------|--|

| | | |
|---|---------|---|
| PHY 111: General Physics I or PHY 111AA: General Physics I | 4-5 hrs |  |
|---|---------|---|

| | | |
|--|-------|--|
| WRT 153: Environmental Law and Regulations | 3 hrs | |
|--|-------|--|

| | | |
|--|----------|--|
| Science, Math, Engineering or Management Electives | 8-12 hrs | Select a course that transfers to ASU with any of the following prefixes: ABS, AGB, BIO, CEE, CHM, CIS, CSE, CST, ECN, EDT, EGR, ERM, FSE, GIS, GLG, GPH, HSE, IFT, MAT, MFG, OMT, PHY, PUP, SOS, TEM, or TMC. |
|--|----------|--|

| | | |
|-------------------------|---------|--|
| Lower Division Elective | 0-3 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |
|-------------------------|---------|--|

| | | |
|-----------------------|---------|--|
| ECE 104: EPICS Gold I | 0-2 hrs | EPICS is Engineering Projects in Community Service. Students who complete ECE104 may continue the EPICS sequence at ASU. Consult with Engineering faculty and/or STEM advisors to learn more about EPICS |
|-----------------------|---------|--|

Total Required Credits: 60





Pathway Agreement


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Maricopa Community College District
Exercise and Wellness, BS Pathway
2020-2021



ASU Major: [Exercise and Wellness, BS](#) | College of Health Solutions

Pathway Requirements


| | |
|--|---|
| First Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL |   3 hrs |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL |   3 hrs |

| | |
|--|--|
| Literacy and Critical Inquiry [L] EXS 290: Introduction to Evidence-Based Practice |  3 hrs |
|--|--|

| | |
|---|---|
| Mathematical Studies [MA, CS] MAT 150: College Algebra/Functions and MAT 182: Plane Trigonometry OR MAT 151: College Algebra/Functions and MAT 182: Plane Trigonometry OR MAT 152: College Algebra/Functions and MAT 182: Plane Trigonometry OR MAT 155: College Algebra/Functions with Review and MAT 182: Plane Trigonometry OR MAT 156: College Algebra/Functions with Review or MAT 182: Plane Trigonometry OR MAT 187: Precalculus GBS 221: Business Statistics or MAT 206: Elements of Statistics or SWU 225: Statistics for Social Research/Justice and Government or PSY 230: Introduction to Statistics |   3-9 hrs |
|---|---|

| | |
|---|---|
| Humanities, Arts, and Design [HU] Humanities, Arts, and Design [HU] |  3 hrs |
| Humanities, Arts, and Design [HU] |  3 hrs |

| | |
|--|---|
| Social-Behavioral Science [SB] PSY 101: Introduction to Psychology |   3 hrs |
|--|---|

| | | |
|--------------------------------|---|---|
| Social-Behavioral Science [SB] |  3 hrs | Per Maricopa degree requirements, HES 100 is recommended. |
|--------------------------------|---|---|

Natural Science [SQ, SG]

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Exercise and Wellness B.S. degree program.

BIO 201: Human Anatomy and Physiology I
 or
 BIO 201XT: Human Anatomy and Physiology I



4 hrs

CHM 150: General Chemistry I OR



4-5 hrs

CHM 150AA: General Chemistry I OR

CHM 151: General Chemistry I and
 CHM 151LL: General Chemistry I Laboratory
 OR

CHM 151AA: General Chemistry I

General Education Awareness Areas [C, H, G]
 Cultural Diversity in the U.S. [C]



0-3 hrs

Historical or Global Awareness [H] or [G]



0-3 hrs

MCCCD Additional Requirements

COM 100: Introduction to Human
 Communication or
 COM 110: Interpersonal Communication or
 COM 225: Public Speaking or
 COM 230: Small Group Communication



0-3 hrs

CRE 101: College Critical Reading 0-3 hrs Complete CRE 101 or equivalent.

Additional Lower Division Requirements

BIO 202: Human Anatomy and Physiology II



4 hrs

EXS 101: Introduction to Exercise Science 3 hrs

EXS 214: Instructional Competency:
 Flexibility and Mind- Body Exercises 2 hrs

EXS 216: Instructional Competency:
 Muscular Strength and Conditioning 2 hrs

EXS 218: Instructional Competency:
 Cardiorespiratory Exercises and Activities 2 hrs

FON 241: Principles of Human Nutrition OR 3-4 hrs

FON 241: Principles of Human Nutrition and
 FON 241LL: Principles of Human Nutrition
 Laboratory

Lower Division Elective 0-9 hrs Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. EXS 125: Introduction to Exercise Physiology should be taken at the recommendation of the community college.

Total Required Credits: 60





Pathway Agreement


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Maricopa Community College District Exploratory Health and Life Sciences, BNODEG Pathway 2020-2021


ASU Major: [Exploratory Health and Life Sciences, BNODEG | College of Integrative Sciences and Arts](#)


Pathway Requirements

| | |
|--|---|
| First Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL |   3 hrs |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL |   3 hrs |


| | | |
|---|--|---|
| Literacy and Critical Inquiry [L] Literacy and Critical Inquiry [L] |  3 hrs | Course selection for individual general studies requirements [L, HU, SB, SG/SQ, C, G & H] should be made in consultation with the student's Academic Advisor. Course suggestions will be made based on major of interest. |
|---|--|---|


| | | |
|--|---|---|
| Mathematical Studies [MA, CS] MAT 140: College Mathematics or MAT 141: College Mathematics or MAT 142: College Mathematics or MAT 145: College Mathematics with Review or MAT 146: College Mathematics with Review |  3-6 hrs | MAT 142: is the minimum math required for completion of the AGEC-A. Students should consult with their academic advisor to determine if their major of interest requires a higher level of math course. |
|--|---|---|


| | |
|---|---|
| Computer/Statistics/Quantitative Applications [CS] |  3 hrs |
|---|---|


| | |
|---|---|
| Humanities, Arts, and Design [HU] Humanities, Arts, and Design [HU] |  3 hrs |
|---|---|


| | |
|-----------------------------------|---|
| Humanities, Arts, and Design [HU] |  3 hrs |
|-----------------------------------|---|


| | |
|---|---|
| Social-Behavioral Science [SB] Social-Behavioral Science [SB] |  3 hrs |
|---|---|

| | |
|--------------------------------|---|
| Social-Behavioral Science [SB] |  3 hrs |
|--------------------------------|---|

| | | |
|---|---|--|
| Natural Science [SQ, SG] Natural Science [SQ, SG] |  4 hrs | Select at least one SQ within the Natural Science requirement. |
|---|---|--|

| | |
|--------------------------|---|
| Natural Science [SQ, SG] |  4 hrs |
|--------------------------|---|

| | |
|--|---|
| General Education Awareness Areas [C, H, G] Cultural Diversity in the U.S. [C] |  0-3 hrs |
|--|---|

| | |
|---|---|
| Historical or Global Awareness [H] or [G] |  0-3 hrs |
|---|---|

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Completion of the Exploratory Pathway and all special requirements satisfies the requirements for MCCC AGEC-A. Students should work with their academic advisor in completing general studies requirements and select courses based on their major of interest. Please consult with your academic advisor to learn more about selecting a major of interest.

Students following the Exploratory Pathway are encouraged to sign up for a MAPP in their major of interest by the time they complete 30 credit hours towards the Exploratory Pathway.

Special Requirements: 2.0 GPA in course work used to satisfy Exploratory Pathway requirements. All courses must be completed with a grade of "C" or better.

MCCCD Additional Requirements

COM 100: Introduction to Human Communication or
COM 110: Interpersonal Communication or
COM 225: Public Speaking or
COM 230: Small Group Communication



0-3 hrs

CRE 101: College Critical Reading 0-3 hrs Complete CRE 101 or equivalent.

Additional Lower Division Requirements

CPD 102AB: Career Exploration 0-2 hrs

Lower Division Elective 0-25 hrs Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements.

Total Required Credits: 60





Pathway Agreement


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Maricopa Community College District Exploratory Humanities, Fine Arts and Design, BNODEG Pathway 2020-2021


ASU Major: [Exploratory Humanities, Fine Arts and Design, BNODEG | College of Integrative Sciences and Arts](#)


Pathway Requirements


| | |
|--|--|
| <p>First Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL</p> | <p>3 hrs  </p> |
| <p>ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL</p> | <p>3 hrs  </p> |


| | | |
|--|---|--|
| <p>Literacy and Critical Inquiry [L] Literacy and Critical Inquiry [L]</p> | <p>3 hrs </p> | <p>Course selection for individual general studies requirements [L, HU, SB, SG/SQ, C, G & H] should be made in consultation with the student's Academic Advisor. Course suggestions will be made based on major of interest.</p> |
|--|---|--|

| | | |
|---|--|--|
| <p>Mathematical Studies [MA, CS] MAT 140: College Mathematics or MAT 141: College Mathematics or MAT 142: College Mathematics or MAT 145: College Mathematics with Review or MAT 146: College Mathematics with Review</p> | <p>3-6 hrs </p> | <p>MAT 142: is the minimum math required for completion of the AGEC-A. Students should consult with their academic advisor to determine if their major of interest requires a higher level of math course.</p> |
|---|--|--|


| | |
|---|--|
| <p>Computer/Statistics/Quantitative Applications [CS]</p> | <p>3 hrs </p> |
|---|--|

| | |
|--|--|
| <p>Humanities, Arts, and Design [HU] Humanities, Arts, and Design [HU]</p> | <p>3 hrs </p> |
|--|--|


| | |
|--|--|
| <p>Humanities, Arts, and Design [HU]</p> | <p>3 hrs </p> |
|--|--|


| | |
|--|--|
| <p>Social-Behavioral Science [SB] Social-Behavioral Science [SB]</p> | <p>3 hrs </p> |
|--|--|

| | |
|---------------------------------------|--|
| <p>Social-Behavioral Science [SB]</p> | <p>3 hrs </p> |
|---------------------------------------|--|

| | | |
|--|--|---|
| <p>Natural Science [SQ, SG] Natural Science [SQ, SG]</p> | <p>4 hrs </p> | <p>Select at least one SQ within the Natural Science requirement.</p> |
|--|--|---|

| | |
|---------------------------------|--|
| <p>Natural Science [SQ, SG]</p> | <p>4 hrs </p> |
|---------------------------------|--|

| | |
|---|--|
| <p>General Education Awareness Areas [C, H, G] Cultural Diversity in the U.S. [C]</p> | <p>0-3 hrs </p> |
|---|--|

| | |
|--|--|
| <p>Historical or Global Awareness [H] or [G]</p> | <p>0-3 hrs </p> |
|--|--|

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Completion of the Exploratory Pathway and all special requirements satisfies the requirements for MCCC AGEC-A. Students should work with their academic advisor in completing general studies requirements and select courses based on their major of interest. Please consult with your academic advisor to learn more about selecting a major of interest.

Students following the Exploratory Pathway are encouraged to sign up for a MAPP in their major of interest by the time they complete 30 credit hours towards the Exploratory Pathway.

Special Requirements: 2.0 GPA in course work used to satisfy Exploratory Pathway requirements. All courses must be completed with a grade of "C" or better.

MCCCD Additional Requirements

COM 100: Introduction to Human Communication or
COM 110: Interpersonal Communication or
COM 225: Public Speaking or
COM 230: Small Group Communication



CRE 101: College Critical Reading 0-3 hrs Complete CRE 101 or equivalent.

Additional Lower Division Requirements

CPD 102AB: Career Exploration 0-2 hrs Students who are exploring career and major options are strongly encouraged to complete CPD 102AB in first semester.

Lower Division Elective 0-25 hrs Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements.

Total Required Credits: 60

Pathway Agreement

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Maricopa Community College District

Exploratory Math, Physical Sciences, Engineering and Technology, BNODEG Pathway

2020-2021

ASU Major: [Exploratory Math, Physical Sciences, Engineering and Technology, BNODEG | College of Integrative Sciences and Arts](#)

Pathway Requirements

First-Year Composition [FYC]

ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL



3 hrs

ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL



3 hrs

Literacy and Critical Inquiry [L]

Literacy and Critical Inquiry

0-3 hrs



Recommend selecting a course that satisfies Literacy & Critical Inquiry, Social-Behavioral Sciences, Humanities & Fine Arts, COM, or CRE 101 requirements simultaneously.

Mathematical Studies [MA]

MAT 220: Calculus with Analytic Geometry I or
MAT 221: Calculus with Analytic Geometry I



4-5 hrs

Mathematical Studies [MA]: Complete 220 or 221 or any mathematics course for which MAT 220 or 221 is a prerequisite. Students should consult with their academic advisor to determine if their major of interest requires a higher level of math course.

Humanities, Arts, and Design [HU]

Humanities, Arts, and Design

3 hrs



Course selection for individual general studies requirements [L, HU, SB, SG/SQ, C, G & H] should be made in consultation with the student's Academic Advisor. Course suggestions will be made based on major of interest.

Humanities, Arts, and Design

3 hrs



Course selection for individual general studies requirements [L, HU, SB, SG/SQ, C, G & H] should be made in consultation with the student's Academic Advisor. Course suggestions will be made based on major of interest.

Social-Behavioral Science [SB]

Social-Behavioral Science

3 hrs



Social-Behavioral Science

3 hrs



Natural Science [SQ, SG]





Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.


Special Requirements

Completion of the Exploratory Pathway and all special requirements satisfies the requirements for MCCC AGEC-S. Students should work with their academic advisor in completing general studies requirements and select courses based on their major of interest. Please consult with your academic advisor to learn more about selecting a major of interest.



Students following the Exploratory Pathway are encouraged to sign up for a MAPP in their major of interest by the time they complete 30 credit hours towards the Exploratory Pathway.

| | |
|--|--|
| CHM 151: General Chemistry I and CHM 151LL: General Chemistry I Laboratory OR | 4 hrs   |
| PHY 115: University Physics I or PHY 121: UNIVERSITY PHYSICS I: MECHANICS OR | |
| BIO 181: General Biology (Majors) I | |
| CHM 152: General Chemistry II or CHM 152LL: General Chemistry II Laboratory OR | 4 hrs   |
| PHY 116: University Physics II or PHY 131: University Physics II: Electricity and Magnetism OR | |
| BIO 182: General Biology (Majors) II | |


Subject Options

| | | |
|-----------------|--|---|
| Subject Options | 6-8 hrs  | Using a transfer guide, select courses from Mathematics courses above Calculus, and/or Science courses. |
|-----------------|--|---|

General Education Awareness Areas [C, H, G]

| | |
|---|--|
| Cultural Diversity in the U.S. [C] | 0-3 hrs  |
| Historical or Global Awareness [H] or [G] | 0-3 hrs  |

MCCCD Additional Requirements

| | |
|--|--|
| COM 100: Introduction to Human Communication OR | 0-3 hrs  |
| COM 110: Interpersonal Communication OR | |
| COM 225: Public Speaking OR | |
| COM 230: Small Group Communication | |

| | | |
|-----------------------------------|---------|---------------------------------|
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |
|-----------------------------------|---------|---------------------------------|

Additional Lower Division Requirements

| | | |
|-------------------------------|----------|--|
| CPD 102AB: Career Exploration | 2 hrs | Students who are exploring career and major options are strongly encouraged to complete CPD 102AB in first semester. |
| Lower Division Elective | 0-22 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60





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Maricopa Community College District Exploratory Social and Behavioral Sciences, BNODEG Pathway 2020-2021


ASU Major: [Exploratory Social and Behavioral Sciences, BNODEG | College of Integrative Sciences and Arts](#)


Pathway Requirements

| | |
|---|--|
| First Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL | 3 hrs   |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL | 3 hrs   |



| | | |
|--|---|---|
| Literacy and Critical Inquiry [L] Literacy and Critical Inquiry [L] | 3 hrs  | Course selection for individual general studies requirements [L, HU, SB, SG/SQ, C, G & H] should be made in consultation with the student's Academic Advisor. Course suggestions will be made based on major of interest. |
|--|---|---|



| | | |
|---|--|--|
| Mathematical Studies [MA, CS] MAT 140: College Mathematics or MAT 141: College Mathematics or MAT 142: College Mathematics or MAT 145: College Mathematics with Review or MAT 146: College Mathematics with Review | 3-6 hrs  | MAT 142 is the minimum math required for completion of the AGECA. Students should consult with their Academic Advisor to determine if their major of interest requires a higher level math course. |
|---|--|--|



| | |
|--|--|
| Computer/Statistics/Quantitative Applications [CS] | 3 hrs  |
|--|--|

| | |
|--|--|
| Humanities, Arts, and Design [HU] Humanities, Arts, and Design [HU] | 3 hrs  |
|--|--|

| | |
|-----------------------------------|--|
| Humanities, Arts, and Design [HU] | 3 hrs  |
|-----------------------------------|--|

| | |
|--|--|
| Social-Behavioral Science [SB] Social-Behavioral Science [SB] | 3 hrs  |
| Social-Behavioral Science [SB] | 3 hrs  |

| | | |
|--|--|--|
| Natural Science [SQ, SG] Natural Science [SQ, SG] | 4 hrs  | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs  | |

| | |
|---|--|
| General Education Awareness Areas [C, H, G] Cultural Diversity in the U.S. [C] | 0-3 hrs  |
| Historical or Global Awareness [H] or [G] | 0-3 hrs  |

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Completion of the Exploratory Pathway and all special requirements satisfies the requirements for MCCC AGEC-A. Students should work with their academic advisor in completing general studies requirements and select courses based on their major of interest. Please consult with your academic advisor to learn more about selecting a major of interest.

Students following the Exploratory Pathway are encouraged to sign up for a MAPP in their major of interest by the time they complete 30 credit hours towards the Exploratory Pathway.

MCCCD Additional Requirements

COM 100: Introduction to Human Communication or
COM 110: Interpersonal Communication or
COM 225: Public Speaking or
COM 230: Small Group Communication



0-3 hrs

CRE 101: College Critical Reading 0-3 hrs Complete CRE 101 or equivalent.

Additional Lower Division Requirements

CPD 102ab: Career Exploration 0-2 hrs Students who are exploring career and major options are strongly encouraged to complete CPD 102AB in first semester.

Lower Division Elective 0-25 hrs Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements.

Total Required Credits: 60





Pathway Agreement


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Maricopa Community College District
Family and Human Development, BS Pathway
2020-2021



ASU Major: [Family and Human Development, BS | College of Liberal Arts and Sciences](#)



Pathway Requirements



| | |
|--|--|
| First Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL | 3 hrs   |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL | 3 hrs   |



| | |
|---|---|
| Literacy and Critical Inquiry [L] Literacy and Critical Inquiry [L] | 3 hrs  |
|---|---|

| | |
|---|--|
| Mathematical Studies [MA, CS] MAT 140: College Mathematics or MAT 141: College Mathematics or MAT 142: College Mathematics or MAT 145: College Mathematics with Review or MAT 146: College Mathematics with Review | 3-6 hrs  |
| GBS 221: Business Statistics or MAT 206: Elements of Statistics or SWU 225: Statistics for Social Research/Justice and Government or PSY 230: Introduction to Statistics | 3 hrs   |

| | | |
|---|--|--|
| Humanities, Arts, and Design [HU] Humanities, Arts, and Design [HU] | 3 hrs  | Select a course that also fulfills the [H] General Education Awareness Area requirement. |
| Humanities, Arts, and Design [HU] | 3 hrs  | |

| | |
|---|--|
| Social-Behavioral Science [SB] CFS 205: Human Development | 3 hrs  |
| CFS 112: Personal Growth and Family Relations | 3 hrs  |

| | | |
|---|--|--|
| Natural Science [SQ, SG] Natural Science [SQ, SG] | 4 hrs  | At least one Natural Science course must be Science Quantitative [SQ]. |
| Natural Science [SQ, SG] | 4 hrs  | |

| | |
|--|--|
| General Education Awareness Areas [C, H, G] Cultural Diversity in the U.S. [C] | 0-3 hrs  |
| Historical or Global Awareness [H] or [G] | 0-3 hrs  |

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

The recommended MCCCDC associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Emphasis in Family Life Education and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Family and Human Development B.S. degree program.

MCCCD Additional Requirements

COM 100: Introduction to Human Communication or
COM 110: Interpersonal Communication or
COM 225: Public Speaking or
COM 230: Small Group Communication

0-3 hrs


CRE 101: College Critical Reading 0-3 hrs Complete CRE 101 or equivalent.

Additional Lower Division Requirements

SOC Elective or
PSY Elective

6 hrs
 

Select 6 credits of SOC and/or PSY courses.

CFS 210: Family Life Education

3 hrs

Required for AA, Emphasis in Family Life Education. Applies to the BS degree as FAS Departmental Elective.

Lower Division Elective

5-16 hrs

Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements.

Total Required Credits: 60

Pathway Agreement



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Maricopa Community College District
Fashion, BA Pathway
2020-2021


ASU Major: [Fashion, BA | Herberger Institute for Design and the Arts](#)


Pathway Requirements

First Year Composition [FYC]
 ENG 101: First-Year Composition or
 ENG 107: First-Year Composition for ESL   3 hrs



ENG 102: First-Year Composition or
 ENG 108: First-Year Composition for ESL   3 hrs


Literacy and Critical Inquiry [L]
 COM 225: Public Speaking  3 hrs

Mathematical Studies [MA, CS]
 MAT 140: College Mathematics or
 MAT 141: College Mathematics or
 MAT 142: College Mathematics or
 MAT 145: College Mathematics with Review
 or
 MAT 146: College Mathematics with Review  3-6 hrs


Computer/Statistics/Quantitative Applications [CS]
 3 hrs

Humanities, Arts, and Design [HU]
 Humanities, Arts, and Design [HU] 3 hrs

ARH 102: Renaissance Through
 Contemporary Art or
 INT 105: Introduction to Interior Design or
 ARH 100: Introduction to Art or
 ARH 101: Prehistoric through Gothic Art or
 ARH 115: History of Photography or
 ARH 145: History of American Indian Art or
 ARH 201: Art of Asia or
 ARH 217: Mexican Art History   3 hrs

Social-Behavioral Science [SB]
 Social-Behavioral Science [SB]  3 hrs

TEC 105: Cultural Aspects of Clothing  3 hrs

Natural Science [SQ, SG]
 Natural Science [SQ, SG]  4 hrs Select at least one SQ within the Natural Science requirement.

Natural Science [SQ, SG]  4 hrs



General Education Awareness Areas [C, H, G]

Pathway Notes


Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate of Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Fashion, BA degree program.

| | | |
|---|---------|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs |  |
| Historical or Global Awareness [H] or [G] | 0-3 hrs |  |

MCCCD Additional Requirements

| | | |
|---|---------|---|
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs |  |
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| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |
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Additional Lower Division Requirements

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|---|-------|---|
| ART 100: Introduction to Computer Graphic Art or ART 169: Two-Dimensional Computer Design or ART 117: Life Drawing II or CIS 120DB: Computer Graphics: Adobe Illustrator or INT 200: Digital Rendering for Design | 2 hrs | Satisfies ASU's Adobe Creative software requirement |
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| ART 111: Drawing I or ART 290BC: Studio Art: Drawing | 3 hrs | Satisfies ASU's Art drawing requirement. |
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| TEC 111: Clothing Construction | 3 hrs |
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|-------------------------|-------|
| TEC 125: Fashion Design | 3 hrs |
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|---|-------|
| TEC 221: Computer-Assisted Fashion Design | 3 hrs |
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| TEC 222: Textiles | 3 hrs |
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|--|-------|
| TEC 225: Pattern Design I and TEC 226: Draping for Fashion Design | 6 hrs |
|--|-------|

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|------------------|---------|--|
| Fashion Elective | 0-2 hrs | Herberger Institute for Design and the Arts approves any transferable TEC topics to apply as Fashion Electives. TEC/MKT 109, TEC/MKT 200, TEC 113, TEC 114, TEC 115, TEC 120, TEC 129, TEC 151, TEC 221, TEC 224, TEC 240, or MKT 274 AC are all recommended courses for this requirement. |
|------------------|---------|--|

Total Required Credits: 60





Pathway Agreement


[Print](#)


Maricopa Community College District
Film (Film and Media Studies), BA Pathway
2020-2021


ASU Major: [Film \(Film and Media Studies\), BA | College of Liberal Arts and Sciences](#)



Pathway Requirements



| | |
|--|---|
| First Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL |   3 hrs |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL |   3 hrs |



| | |
|---|--|
| Literacy and Critical Inquiry [L] Literacy and Critical Inquiry [L] |  3 hrs |
|---|--|



| | |
|---|---|
| Mathematical Studies [MA, CS] MAT 140: College Mathematics or MAT 141: College Mathematics or MAT 142: College Mathematics or MAT 145: College Mathematics with Review or MAT 146: College Mathematics with Review |  3-6 hrs |
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| | |
|---|---|
| Computer/Statistics/Quantitative Applications [CS] |  3 hrs |
|---|---|

| | |
|--|---|
| Humanities, Arts, and Design [HU] Humanities, Arts, and Design |  3 hrs |
| Humanities, Arts, and Design |  3 hrs |

| | |
|--|---|
| Social-Behavioral Science [SB] Social-Behavioral Science |  3 hrs |
| Social-Behavioral Science |  3 hrs |

| | | |
|---|---|--|
| Natural Science [SQ, SG] Natural Science [SQ, SG] |  4 hrs | Select at least one [SQ] within the Natural Science requirement. |
| Natural Science [SQ, SG] |  4 hrs | |

| | |
|--|---|
| General Education Awareness Areas [C, H, G] Cultural Diversity in the U.S. [C] |  0-3 hrs |
| Historical or Global Awareness [H] or [G] |  0-3 hrs |

MCCCD Additional Requirements

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Film (Film & Media Studies) B.A. degree program.

COM 100: Introduction to Human Communication or
 COM 110: Interpersonal Communication or
 COM 225: Public Speaking or
 COM 230: Small Group Communication

3 hrs


CRE 101: College Critical Reading 0-3 hrs Complete CRE 101 or equivalent.

Additional Lower Division Requirements

Lower Division Second Language: Requirement satisfied through the following: Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. 0-16 hrs Select 101, 102, 201, 202 as needed to reach 4th semester proficiency.

Lower Division Elective 0-22 hrs Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements.

Total Required Credits: 60

Pathway Agreement



[Print](#)



Maricopa Community College District Film (Filmmaking Practices), BA Pathway 2020-2021

ASU Major: [Film \(Filmmaking Practices\), BA | Herberger Institute for Design and the Arts](#)



Pathway Requirements

First Year Composition [FYC]


ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL   3 hrs


ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL   3 hrs

Literacy and Critical Inquiry [L]


THE 220: Modern Drama   3 hrs THE 220 can count as [L] or [HU], but not both.

Mathematical Studies [MA, CS]

MAT 140: College Mathematics or
MAT 141: College Mathematics or
MAT 142: College Mathematics or
MAT 145: College Mathematics with Review
or
MAT 146: College Mathematics with Review  3-6 hrs


Computer/Statistics/Quantitative Applications
[CS]  3 hrs


Humanities, Arts, and Design [HU]

HUM 210: Contemporary Cinema or
THF 210: Contemporary Cinema  3 hrs


Humanities, Arts, and Design [HU]  3 hrs


Social-Behavioral Science [SB]

Social-Behavioral Science [SB]  3 hrs It is recommended to select a course which satisfies [SB] and awareness area [C, H, or G] requirements simultaneously.


Social-Behavioral Science [SB]  3 hrs


Natural Science [SQ, SG]

Natural Science [SQ, SG]  4 hrs Select at least one SQ within the Natural Science requirement.

Natural Science [SQ, SG]  4 hrs Select at least one SQ within the Natural Science requirement.

General Education Awareness Areas [C, H, G]

Cultural Diversity in the U.S. [C]  0-3 hrs [C] may be used to simultaneously fulfill other AGEC requirements.

Historical or Global Awareness [H] or [G]  0-3 hrs [H] and [G] may be used to simultaneously fulfill other AGEC requirements.


Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts degree and AGEC-A, meets major map requirements at ASU.

MCCC Additional Requirements

| | | | |
|---|----------|---|---|
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs |  | |
| CRE 101: College Critical Reading | 0-3 hrs | | Complete CRE 101 or equivalent. |
| Additional Lower Division Requirements | | | |
| TCM 111: Screenwriting I and TCM 211: Screenwriting II | 6 hrs | | |
| TCM 241: AVID Media Composer Editing | 0-4 hrs | | Up to 9 credits of prerequisites for this course may be applied to lower division electives. Students are urged to start the sequence of prerequisites early in their program of study. Be advised: if completing FMP 220 at ASU, instructor override approval is needed to enroll in the course. |
| THP 217: Intro to Design Scenography | 3 hrs | | |
| THP 112: Acting I | 3 hrs | | |
| Lower Division Elective | 0-13 hrs | | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. Recommend meeting prerequisites for TCM 241 within these elective credits. |

Total Required Credits: 60





Pathway Agreement


Print




Maricopa Community College District
Finance, BS Pathway
2020-2021



ASU Major: **Finance, BS | W. P. Carey School of Business**





Pathway Requirements



| | |
|---|--|
| First Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL | 3 hrs   |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL | 3 hrs   |



| | | |
|--|---|--|
| Literacy and Critical Inquiry [L] Literacy and Critical Inquiry [L] | 3 hrs  | If COM225 is selected, it may also be applied to meet COM in the Additional Lower Division Requirements. If GBS233 is selected, it may also be applied as a Business Elective. |
|--|---|--|

| | |
|--|--|
| Mathematical Studies [MA, CS] MAT 212: Brief Calculus or MAT 213: Brief Calculus | 3-4 hrs  |
| CIS 105: Survey of Computer Information Systems | 3 hrs   |

| | |
|---|--|
| Humanities, Arts, and Design [HU] Humanities, Arts, and Design | 3 hrs  |
| Humanities, Arts, and Design | 3 hrs  |

| | |
|---|--|
| Social-Behavioral Science [SB] ECN 211: Macroeconomic Principles | 3 hrs   |
| ECN 212: Microeconomic Principles | 3 hrs   |

| | | |
|--|--|--|
| Natural Science [SQ, SG] Natural Science [SQ, SG] | 4 hrs  | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs  | |

| | |
|---|--|
| General Education Awareness Areas [C, H, G] Cultural Diversity in the U.S. [C] | 0-3 hrs  |
| Historical or Global Awareness [H] or [G] | 0-3 hrs  |

MCCCD Additional Requirements

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

This degree program requires meeting W. P. Carey Bachelor of Science admission requirements. A 3.0 cumulative transfer GPA as calculated by ASU Admission Services is required. A 3.0 cumulative ASU GPA is also required for students who previously attended ASU.




Students must also meet one of the following:

- 1230 SAT (March 2016 and after) or 1160 SAT (before March 2016), not including writing portion
- 25 ACT composite, not including writing portion.
- Top 8% high school class rank
- 3.60 unweighted GPA in high school competency courses (A=4.00)

Completion of the MAPP and all admission requirements satisfies the requirements for the MCCC Associate in Business, General Requirements degree and AGECE-B, meets major map requirements at ASU, and guarantees admission into a W. P. Carey Bachelor of Science degree program.

Only 64 credits are transferable to ASU. For more information:

<https://transfer.asu.edu/credits>.

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|--|--|---|
| ABUS Business Electives | 0-6 hrs | Select two courses (6 hrs) in consultation with a Maricopa Advisor from the following: CIS 114DE, CIS133DA, CIS 162AD, GBS 151, GBS 233, GBS 220, (GBS 110 OR MGT 251), IBS 101, MGT 253, MKT 271, PAD 100, REA 179, REA 180, or SBU 200. |
| Additional Lower Division Requirements | | |
| ACC 111: Accounting Principles I and ACC 230: Uses of Accounting Information and ACC 240: Uses of Accounting Information OR | 6-9 hrs  | |
| ACC 111: Accounting Principles I and ACC 112: Accounting Principles II and ACC 212: Managerial Accounting OR | | |
| ACC 211: Financial Accounting and ACC 212: Managerial Accounting | | |
| COM 100: Introduction to Human Communication or COM 225: Public Speaking or COM 230: Small Group Communication or COM 259: COMM IN BUSINESS & PROFESSIONS | 0-3 hrs  | If COM225 is selected, it may be also be applied to meet Literacy and Critical Inquiry [L]. |
| GBS 205: LEGAL, ETHICAL/REGULATORY ISSUES/BUS | 3 hrs | |
| GBS 221: Business Statistics | 3 hrs  | |
| MAT 217: Mathematical Analysis for Business or MAT 218: Mathematical Analysis for Business | 3-4 hrs | |
| PSY Course | 3 hrs | Select a course that transfers to ASU with the PSY prefix and SB designation. Check the Course Equivalency Guide on aztransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| SOC Course | 3 hrs | Select a course that transfers to ASU with the SOC prefix and SB designation. Check the Course Equivalency Guide on aztransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| Lower Division Elective | 0-6 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 62





Pathway Agreement


[Print](#)



Maricopa Community College District
Food and Nutrition Entrepreneurship, BS Pathway
2020-2021

ASU Major: [Food and Nutrition Entrepreneurship, BS | College of Health Solutions](#)





Pathway Requirements





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|--|--|
| First Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL | 3 hrs   |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL | 3 hrs   |

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|---|---|--|
| Literacy and Critical Inquiry [L] Literacy and Critical Inquiry [L] | 3 hrs  | COM 225 will fulfill this requirement. |
|---|---|--|

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|--|--|
| Mathematical Studies [MA, CS] MAT 140: College Mathematics or MAT 141: College Mathematics or MAT 142: College Mathematics or MAT 145: College Mathematics with Review or MAT 146: College Mathematics with Review or any course that meets (MA) general studies requirement | 3-6 hrs  |
| Computer/Statistics/Quantitative Applications [CS] | 3 hrs  |

| | |
|---|--|
| Humanities, Arts, and Design [HU] Humanities, Arts, and Design [HU] | 3 hrs  |
| Humanities, Arts, and Design [HU] | 3 hrs  |

| | |
|---|--|
| Social-Behavioral Science [SB] Social-Behavioral Science [SB] | 3 hrs   |
| Social-Behavioral Science [SB] | 3 hrs   |

| | |
|---|--|
| Natural Science [SQ, SG] CHM 130: Fundamental Chemistry and CHM 130LL: Fundamental Chemistry Laborat OR | 4 hrs   |
| CHM 130AA: Fundamental Chemistry with Lab | |
| BIO 160: Intro To Human Anatomy & Physiology OR | 4 hrs   |
| BIO 205: Microbiology | |



General Education Awareness Areas [C, H, G]


Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Food and Nutrition Entrepreneurship B.S. degree program.

| | | |
|---|---------|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs |  |
| Historical or Global Awareness [H] or [G] | 0-3 hrs |  |

| | | |
|--|---------|---|
| MCCCD Additional Requirements COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs |  |
|--|---------|---|

| | | |
|-----------------------------------|---------|---------------------------------|
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |
|-----------------------------------|---------|---------------------------------|

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|--|-------|--|
| Additional Lower Division Requirements FON 100: Introductory Nutrition or FON 241: Principles of Human Nutrition | 3 hrs | |
|--|-------|--|

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|------------------------------------|-------|--|
| FON 142AB: Applied Food Principles | 3 hrs | |
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|-------------------------|----------|--|
| Lower Division Elective | 0-19 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |
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Total Required Credits: 60





Pathway Agreement


Print



Maricopa Community College District
Forensic Science, BS Pathway
2020-2021



ASU Major: **Forensic Science, BS | New College of Interdisciplinary Arts and Sciences**



Pathway Requirements




| | |
|--|---|
| First Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL |   3 hrs |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL |   3 hrs |





| | |
|--|--|
| Literacy and Critical Inquiry [L] COM 225: Public Speaking |  3 hrs |
|--|--|



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|--|---|---|
| Mathematical Studies [MA, CS] MAT 212: Brief Calculus or MAT 213: Brief Calculus OR |   3-5 hrs | If MAT 212 or 213 is taken to meet this MA requirement, students must also take MAT 182 or MAT 187, or be eligible for MAT 220 or MAT 221 by appropriate placement test score, or have completed a year of high school trigonometry with a grade of "C" or better to meet the prerequisite for PHY 111. |
| MAT 220: Calculus with Analytic Geometry I or MAT 221: Calculus with Analytic Geometry I | | |

| | |
|---|---|
| MAT 206: Elements of Statistics or SWU 225: Statistics for Social Research/Justice and Government or GBS 221: Business Statistics |   3 hrs |
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|--|---|
| Humanities, Arts, and Design [HU] Humanities, Arts, and Design |  3 hrs |
| Humanities, Arts, and Design |  3 hrs |

| | |
|---|---|
| Social-Behavioral Science [SB] AJS 101: Introduction To Criminal Just |  3 hrs |
| PSY 101: Introduction to Psychology |   3 hrs |

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| Natural Science [SQ, SG] BIO 181: General Biology (Majors) I |   4 hrs |
| BIO 182: General Biology (Majors) II |   4 hrs |

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| General Education Awareness Areas [C, H, G] Cultural Diversity in the U.S. [C] |  0-3 hrs |
| Historical or Global Awareness [H] or [G] |  0-3 hrs |


Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.







Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Forensics B.S. degree program.

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information: <https://transfer.asu.edu/credits>

| | | |
|---|--|---------------------------------|
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0 hrs  | Met by completing COM 225 |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|--|--|--|
| CHM 150: General Chemistry I and CHM 151LL: General Chemistry I Laboratory OR | 4-5 hrs  | |
| CHM 151: General Chemistry I and CHM 151LL: General Chemistry I Laboratory OR | | |
| CHM 150AA: General Chemistry I or CHM 151AA: General Chemistry I | | |
| CHM 152: General Chemistry II and CHM 152LL: General Chemistry II Laboratory OR | 4 hrs  | |
| CHM 152AA: General Chemistry II | | |
| CHM 235: General Organic Chemistry I and CHM 235LL: General Organic Chemistry I Laboratory | 4 hrs  | |
| CHM 236: General Organic Chemistry II and CHM 236LL: General Organic Chemistry II Laboratory | 4 hrs  | |
| PHY 111: General Physics I | 4 hrs  | |
| PHY 112: General Physics II | 4 hrs  | |
| Lower Division Elective | 0-1 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60

Pathway Agreement


[Print](#)


Maricopa Community College District
French, BA Pathway
2020-2021

ASU Major: [French, BA | College of Liberal Arts and Sciences](#)


Pathway Requirements

First Year Composition [FYC]


ENG 101: First-Year Composition or
 ENG 107: First-Year Composition for ESL  3 hrs


ENG 102: First-Year Composition or
 ENG 108: First-Year Composition for ESL  3 hrs

Literacy and Critical Inquiry [L]


Literacy and Critical Inquiry [L]  3 hrs

Mathematical Studies [MA, CS]

MAT 140: College Mathematics or
 MAT 141: College Mathematics or
 MAT 142: College Mathematics or
 MAT 145: College Mathematics with Review
 or
 MAT 146: College Mathematics with Review  3-6 hrs


Computer/Statistics/Quantitative Applications
 [CS]  3 hrs


Humanities, Arts, and Design [HU]

Humanities, Arts, and Design [HU]  3 hrs Select a course that also fulfills [C]


Humanities, Arts, and Design [HU]  3 hrs


Social-Behavioral Science [SB]

ENG 213: Introduction to the Study of
 Language or
 SLC 201: Introduction to Linguistics  3 hrs


Social-Behavioral Science [SB]  3 hrs


Natural Science [SQ, SG]

Natural Science [SQ, SG]  4 hrs Select at least one SQ course within the Natural Science requirement.

Natural Science [SQ, SG]  4 hrs

General Education Awareness Areas [C, H, G]

Cultural Diversity in the U.S. [C]  0 hrs Fulfilled by [HU]

Historical or Global Awareness [H] or [G]  0 hrs Fulfilled by ASU's FRE 101


Pathway Notes


Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the French B.A. degree program.

MCCC Additional Requirements

| | | |
|---|---------|---|
| COM 100: Introduction to Human Communication OR | 0-3 hrs |  |
| COM 110: Interpersonal Communication OR | | |
| COM 225: Public Speaking OR | | |
| COM 230: Small Group Communication | | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

| | | |
|---|---------|--|
| Additional Lower Division Requirements | | |
| FRE 101: Elementary French I or FRE 101AA: Elementary French I | 4 hrs | |
| FRE 102: Elementary French II or FRE 102AA: Elementary French II | 4 hrs |  |
| FRE 201: Intermediate French I | 4 hrs | |
| FRE 202: Intermediate French II | 4 hrs | |
| ITA 101: Elementary Italian I or ITA 101AA: Elementary Italian I | 4 hrs | |
| Lower Division Elective | 0-5 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60

Pathway Agreement


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Maricopa Community College District
General Studies, BA Pathway
2020-2021


ASU Major: [General Studies, BA | College of Integrative Sciences and Arts](#)

Pathway Requirements


First Year Composition
 ENG 101: First-Year Composition or
 ENG 107: First-Year Composition for ESL  3 hrs


ENG 102: First-Year Composition or
 ENG 108: First-Year Composition for ESL  3 hrs


Literacy and Critical Inquiry
 Literacy and Critical Inquiry  3 hrs


Mathematical Studies
 MAT 140: College Mathematics or
 MAT 141: College Mathematics or
 MAT 142: College Mathematics and
 MAT 145: College Mathematics with Review
 or
 MAT 146: College Mathematics with Review
 or
 Higher level course that meets MA
 requirement  3-6 hrs


Computer/Statistics/Quantitative Applications  3 hrs Complete one course that transfers to ASU with a CS designation.


Humanities, Arts, and Design
 Humanities, Arts, and Design  3 hrs Students are encouraged to choose courses from different disciplines for the Humanities [HU] requirements. Courses must transfer to ASU with an [HU] designation.


Humanities, Arts, and Design  3 hrs


Social-Behavioral Science
 Social-Behavioral Science  3 hrs Students are encouraged to choose courses from different disciplines for the Social and Behavioral Sciences [SB] requirements. Courses must transfer to ASU with an [SB] designation.

Social-Behavioral Science  3 hrs

Natural Science
 Natural Science  4 hrs ASU requires completion of two Lab Science courses. At least one course must be an SQ.

Natural Science  4 hrs

AGEC Awareness Areas
 Cultural Diversity in the U.S. [C]  0-3 hrs

Historical or Global Awareness [H] or [G]  0-3 hrs

Pathway Notes

There are no notes for this pathway

Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts, meets major map requirements at ASU, and guarantees admission to the General Studies BGS degree program.

View Bachelor of Arts in General Studies clusters at: <https://cisa.asu.edu/general-studies/degree-clusters>. Students must complete the MAPP and all special requirements, must have the Arizona General Education Curriculum (AGEC) certified on their transcript and must have their Associate in Arts (AA) completed and noted on their transcripts. Students satisfying these criteria meet ASU major map requirements and are guaranteed admission to the General Studies BGS degree program.

Special Requirements: 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of "C" or better.

MCCCD Additional Requirements

COM 100: Introduction to Human
Communication or
COM 110: Interpersonal Communication or
COM 225: Public Speaking or
COM 230: Small Group Communication

0-3 hrs



CRE 101: College Critical Reading

0-3 hrs

Complete CRE 101 or equivalent.

Additional Lower Division Requirements

Lower Division Elective

11-25 hrs

Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. Recommend selecting courses that fulfill BGS cluster requirement.

Total Required Credits: 60





Pathway Agreement

[Print](#)



Maricopa Community College District
Geographic Information Science, BS Pathway
2020-2021



ASU Major: [Geographic Information Science, BS | The College of Liberal Arts and Sciences](#)



Pathway Requirements



| | |
|---|--|
| First Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL | 3 hrs   |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL | 3 hrs   |

| | |
|--|-------|
| Literacy and Critical Inquiry [L] Literacy and Critical Inquiry [L] | 3 hrs |
|--|-------|

| | |
|---|--|
| Mathematical Studies [MA, CS] MAT 150: College Algebra/Functions and MAT 182: Plane Trigonometry OR | 5-9 hrs   |
| MAT 151: College Algebra/Functions and MAT 182: Plane Trigonometry OR | |
| MAT 152: College Algebra/Functions and MAT 182: Plane Trigonometry OR | |
| MAT 155: College Algebra/Functions with Review and MAT 182: Plane Trigonometry OR | |
| MAT 156: College Algebra/Functions with Review and MAT 182: Plane Trigonometry OR | |
| MAT 187: Precalculus | |
| GIS 205: Geographic Information Technologies | 3 hrs |

| | |
|--|--|
| Humanities, Arts, and Design [HU] Humanities, Arts, and Design [HU] | 3 hrs  |
| Humanities, Arts, and Design [HU] | 3 hrs  |

| | |
|--|--|
| Social-Behavioral Science [SB] Social-Behavioral Science [SB] | 3 hrs  |
| Social-Behavioral Science [SB] | 3 hrs  |



| | | |
|--|--|---|
| Natural Science [SQ, SG] Natural Science [SQ, SG] | 4 hrs  | Select at least one SQ course within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs  | |

Pathway Notes


Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

The recommended MCCCDC associate degree pathway and Arizona General Education Certificate (AGEC) for this major is the Associate in Arts, Geography degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Geographic Information Science, BS degree program.

| | | |
|---|---------|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs |  |
| Historical or Global Awareness [H] or [G] | 0-3 hrs |  |

MCCCD Additional Requirements

| | | |
|---|---------|---|
| COM 100: Introduction to Human Communication OR | 0-3 hrs |  |
| COM 110: Interpersonal Communication OR | | |
| COM 225: Public Speaking OR | | |
| COM 230: Small Group Communication | | |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|--------|--|
| GIS 211: Geographic Information Science I | 4 hrs | |
| Lower Division Elective | 19 hrs | |

Total Required Credits: 60

Pathway Agreement

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Maricopa Community College District
Geography, BA Pathway
2020-2021

ASU Major: [Geography, BA | College of Liberal Arts and Sciences](#)


Pathway Requirements

First Year Composition [FYC]


ENG 101: First-Year Composition or
 ENG 107: First-Year Composition for ESL   3 hrs


ENG 102: First-Year Composition or
 ENG 108: First-Year Composition for ESL   3 hrs

Literacy and Critical Inquiry [L]


Literacy and Critical Inquiry  3 hrs


Mathematical Studies [MA, CS]

MAT 140: College Mathematics or
 MAT 141: College Mathematics or
 MAT 142: College Mathematics or
 MAT 145: College Mathematics with Review
 or
 MAT 146: College Mathematics with Review  3-6 hrs


GIS 205: Geographic Information
 Technologies  3 hrs

Humanities, Arts, and Design [HU]


Humanities, Arts, and Design  3 hrs

Humanities, Arts, and Design  3 hrs


Social-Behavioral Science [SB]

GCU 121: World Geography I: Eastern Hemisphere and
 GCU 122: World Geography II: Western Hemisphere  6 hrs GCU 121 and 122 are both required in order to receive credit for GCU 121 at ASU. May also be used to satisfy Global Awareness requirement.

Natural Science [SQ, SG]

GPH 111: Intro to PHYSICAL GEOGRAPHY and
 GPH 112: Introduction to Physical
 Geography Lab OR  4 hrs

GPH 113: Introduction to Physical
 Geography

GPH 211: Landform Processes OR  4 hrs

GPH 212: Introduction to Meteorology I and
 GPH 214: Introduction to Meteorology
 Laboratory I OR

GPH 213: Climate and Weather and
 GPH 215: Climate and Weather Laboratory


General Education Awareness Areas [C, H, G]

Pathway Notes


Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

The recommended MCCCDC associate degree pathway and Arizona General Education Certificate (AGEC) for this major is the Associate in Arts, Emphasis in Geography degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Geography, BA degree program.

| | | | |
|---|---------|---|---------------------------------|
| Cultural Diversity in the U.S. [C] | 0-3 hrs |  | |
| Historical or Global Awareness [H] or [G] | 0 hrs |  | Global Awareness met by GCU 102 |

MCCCD Additional Requirements

| | | | |
|---|---------|---|---------------------------------|
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs |  | |
| CRE 101: College Critical Reading | 0-3 hrs | | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | | |
|--|----------|--|--|
| GCU 102: Intro to HUMAN GEOGRAPHY | 3 hrs | | GCU 102 satisfies required course in major as well as Global Awareness requirement. |
| Lower Division Second Language: Requirement satisfied through the following: Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 0-16 hrs | | For Second Language: Select 101, 102, 201, 202 as needed to reach 4th semester proficiency. |
| Lower Division Elective | 0-22 hrs | | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60

Pathway Agreement



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Maricopa Community College District
Geography, BS Pathway
2020-2021



ASU Major: [Geography, BS | College of Liberal Arts and Sciences](#)


Pathway Requirements


First Year Composition [FYC]
 ENG 101: First-Year Composition or
 ENG 107: First-Year Composition for ESL   3 hrs

ENG 102: First-Year Composition or
 ENG 108: First-Year Composition for ESL   3 hrs


Literacy and Critical Inquiry [L]
 Literacy and Critical Inquiry  3 hrs


Mathematical Studies [MA, CS]
 MAT 140: College Mathematics or
 MAT 141: College Mathematics or
 MAT 142: College Mathematics or
 MAT 145: College Mathematics with Review
 or
 MAT 146: College Mathematics with Review   3-6 hrs



GIS 205: Geographic Information
 Technologies  3 hrs

Humanities, Arts, and Design [HU]
 Humanities, Arts, and Design [HU]  3 hrs

Humanities, Arts, and Design [HU]  3 hrs

Social-Behavioral Science [SB]
 GCU 121: World Geography I: Eastern Hemisphere or
 GCU 122: World Geography II: Western Hemisphere  6 hrs GCU 121 and 122 are both required in order to receive credit for GCU 121 at ASU. May also be used to satisfy Global Awareness requirement.

Natural Science [SQ, SG]
 GPH 111: Intro to PHYSICAL GEOGRAPHY
 and
 GPH 112: Introduction to Physical
 Geography Lab OR
 GPH 113: Introduction to Physical
 Geography  4 hrs

GPH 211: Landform Processes OR   4 hrs
 GPH 212: Introduction to Meteorology I and
 GPH 214: Introduction to Meteorology
 Laboratory I OR
 GPH 213: Climate and Weather and
 GPH 215: Climate and Weather Laboratory



General Education Awareness Areas [C, H, G]

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major is the Associate in Arts, Emphasis in Geography degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Geography, BS degree program.

| | | | |
|---|----------|---|--|
| Cultural Diversity in the U.S. [C] | 0-3 hrs |  | |
| Historical or Global Awareness [H] or [G] | 0 hrs | | Global Awareness met by GCU 102 |
| MCCCD Additional Requirements | | | |
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs |  | |
| CRE 101: College Critical Reading | 0-3 hrs | | Complete CRE 101 or equivalent. |
| Additional Lower Division Requirements | | | |
| GCU 102: Introduction to Human Geography | 3 hrs | | GCU 102 satisfies required course in major as well as Global Awareness requirement. |
| Lower Division Major Electives | 0-6 hrs | | Choose up to 6 credit hours of courses (not applied elsewhere) that transfer to ASU as courses or electives with the GCU, GIS, GPH, or PUP prefixes. |
| Lower Division Elective | 4-22 hrs | | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60





Pathway Agreement


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Maricopa Community College District Geography (Meteorology-Climatology), BS Pathway 2020-2021



ASU Major: [Geography \(Meteorology-Climatology\), BS](#) | College of Liberal Arts and Sciences

Pathway Requirements




| | |
|---|--|
| First-Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL | 3 hrs   |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL | 3 hrs   |



| | | |
|--|---|---|
| Literacy and Critical Inquiry [L] Literacy and Critical Inquiry [L] | 0-3 hrs  | Recommend selecting a course that satisfies Literacy & Critical Inquiry, Social-Behavioral Sciences, Humanities & Fine Arts, COM, or CRE 101 requirements simultaneously. |
|--|---|---|

| | |
|---|--|
| Mathematical Studies [MA] MAT 220: Calculus with Analytic Geometry I or MAT 221: Calculus with Analytic Geometry I | 4-5 hrs   |
|---|--|

| | |
|---|--|
| Humanities, Arts, and Design [HU] Humanities, Arts, and Design | 3 hrs  |
| Humanities, Arts, and Design | 3 hrs  |

| | | |
|--|-------|---|
| Social-Behavioral Science [SB] GCU 102: Introduction to Human Geography | 3 hrs | GCU 102 can also be used to satisfy the Global Awareness requirement. |
| Social-Behavioral Science [SB] | 3 hrs | |

| | |
|--|--|
| Natural Science [SQ, SG] PHY 115: University Physics I or PHY 121: University Physics I: Mechanics | 4-5 hrs   |
| PHY 116: University Physics II or PHY 131: University Physics II: Electricity and Magnetism | 4-5 hrs  |

| | |
|---|--|
| Subject Options MAT 230: Calculus with Analytic Geometry II or MAT 231: Calculus with Analytic Geometry II | 4-5 hrs  |
| MAT 240: Calculus with Analytic Geometry III or MAT 241: Calculus with Analytic Geometry III | 4-5 hrs  |

General Education Awareness Areas [C, H, G]

Pathway Notes


Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements



The recommended MCCCDC associate degree pathway and Arizona General Education Certificate (AGEC) for this major is the Associate in Science, Emphasis in Geography-Meteorology degree and AGECS. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Geography (Meteorology-Climatology), BS degree program.

| | | |
|---|--|--------------------------------|
| Cultural Diversity in the U.S. [C] | 0-3 hrs  | Cultural Diversity in the U.S. |
| Historical or Global Awareness [H] or [G] | 0 hrs  | Met by GCU 102, 121, 122. |

MCCCD Additional Requirements

| | | |
|---|--|---------------------------------|
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs  | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|--|--|
| GIS 205: Geographic Information Technologies | 3 hrs  | |
| GPH 111: Intro to PHYSICAL GEOGRAPHY and GPH 112: Introduction to Physical Geography Lab OR | 4 hrs  | |
| GPH 113: Introduction to Physical Geography | | |
| GPH 212: Introduction to Meteorology I and GPH 214: Introduction to Meteorology Laboratory I | 4 hrs | |
| GPH 213: Climate and Weather and GPH 215: Climate and Weather Laboratory | 4 hrs | |
| Lower Division Elective | 0-7 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60





Pathway Agreement


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Maricopa Community College District
German, BA Pathway
2020-2021



ASU Major: [German, BA | College of Liberal Arts and Sciences](#)



Pathway Requirements



| | |
|--|---|
| First Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL |   3 hrs |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL |   3 hrs |



| | | |
|---|--|--|
| Literacy and Critical Inquiry [L] Literacy and Critical Inquiry [L] |  3 hrs | Recommend selecting a course that satisfies (L and COM) or (L and CRE101) requirements simultaneously. |
|---|--|--|

| | |
|--|---|
| Mathematical Studies [MA, CS] MAT 140: College Mathematics or MAT 141: College Mathematics or MAT 142: College Mathematics or MAT 145: College Mathematics with Review or MAT 146: College Mathematics with Review |  3-6 hrs |
| Lower Division Computer/Statistics/Quantitative Applications [CS] |  3 hrs |

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] Humanities, Arts, and Design [HU] |  3 hrs | Three credit hours of Humanities, Arts, and Design [HU] requirement may be satisfied with SLC 201 or ENG 213. |
| Humanities, Arts, and Design [HU] |  3 hrs | |

| | | |
|---|---|--|
| Social-Behavioral Science [SB] Social-Behavioral Science [SB] |  3 hrs | Social & Behavioral Science: Three credit hours of Social-Behavioral Sciences [SB] requirement may be satisfied with SLC 201 or ENG 213. |
| Social-Behavioral Science [SB] |  3 hrs | |

| | | |
|---|---|--|
| Natural Science [SQ, SG] Natural Science [SQ, SG] |  4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] |  4 hrs | |

| | | |
|--|---|--|
| General Education Awareness Areas [C, H, G] Cultural Diversity in the U.S. [C] |  0-3 hrs | |
| Historical or Global Awareness [H] or [G] |  0-3 hrs | AGECE Awareness Area [G] met by GER 101, GER 102, GER 201, or GER 202. |






Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts degree and AGECE-A, meets major map requirements at ASU, and guarantees admission to the German B.A. degree program.

Special Requirements: 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of "C" or better. 2.33 cumulative GPA required in all Sun Devil tracking courses: GER 101/101AA, GER 102/102AA, GER 201, GER 202.

| | | |
|---|--|--|
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs  | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |
| Additional Lower Division Requirements | | |
| ENG 213: Introduction to the Study of Language or SLC 201: Introduction to Linguistics | 0-3 hrs | |
| GER 101: Elementary German I or GER 101AA: Elementary German I | 4 hrs  | Demonstrated language proficiency at or above the 202 level is required for enrollment in upper division major requirements courses. |
| GER 102: Elementary German II or GER 102AA: Elementary German II | 4 hrs  | |
| GER 201: Intermediate German I | 4 hrs  | |
| GER 202: Intermediate German II | 4 hrs  | |
| Lower Division Elective | 0-9 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60

Pathway Agreement

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Maricopa Community College District
Global Health, BA Pathway
2020-2021

ASU Major: [Global Health, BA](#) | [College of Liberal Arts and Sciences](#)


Pathway Requirements

First Year Composition [FYC]


ENG 101: First-Year Composition or
 ENG 107: First-Year Composition for ESL  3 hrs


ENG 102: First-Year Composition or
 ENG 108: First-Year Composition for ESL  3 hrs

Literacy and Critical Inquiry [L]


Literacy and Critical Inquiry  3 hrs


Mathematical Studies [MA, CS]

MAT 140: College Mathematics or
 MAT 141: College Mathematics or
 MAT 142: College Mathematics or
 MAT 145: College Mathematics with Review
 or
 MAT 146: College Mathematics with Review  3-6 hrs


GBS 221: Business Statistics or
 MAT 206: Elements of Statistics or
 SWU 225: Statistics for Social
 Research/Justice and Government  3 hrs


Humanities, Arts, and Design [HU]

ASB 222: Buried Cities and Lost Tribes: Old World or
 ASB 223: Buried Cities and Lost Tribes: New World  3 hrs Course may also be used to satisfy three credits of Humanities, Arts & Design (HU) or Social-Behavioral Sciences (SB) and Global Awareness (G) and Historical Awareness (H)


Humanities, Arts, and Design  3 hrs

Social-Behavioral Science [SB]

AFR 202: ETHNIC RELATIONS IN the U.S.
 or
 ASB 202: ETHNIC RELATIONS IN the U.S.  3 hrs


ASB 102: Culture in a Globalizing Worl  3 hrs


Natural Science [SQ, SG]

ASM 104: Bones, Stones and Human Evolution  4 hrs Meets Science General [SG] General Education requirement.

Natural Science [SQ]  4 hrs Select a course that meets the Science Quantitative [SQ] General Education requirement.

General Education Awareness Areas [C, H, G]

Cultural Diversity in the U.S. [C]  0 hrs Met by ASB/AFR 202.

Historical or Global Awareness [H] or [G]  0 hrs Met by ASB/AFR 202.

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

The recommended MCCCDC associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Emphasis in Anthropology degree and AGECA. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Global Health, B.A. degree program. Special Requirements: 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be

MCCCD Additional Requirements

COM 100: Introduction to Human Communication or
COM 110: Interpersonal Communication or
COM 225: Public Speaking or
COM 230: Small Group Communication

0-3 hrs



CRE 101: College Critical Reading 0-3 hrs Complete CRE 101 or equivalent.

Additional Lower Division Requirements

ASB 100: Introduction to Global Health 0-3 hrs Can be taken after transfer

Lower Division Second Language: Requirement satisfied through the following: Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. 0-16 hrs Second Language Requirement: Select 101, 102, 201, 202 as needed to reach 4th semester language proficiency.

Lower Division Elective 0-25 hrs Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements.

completed with a grade of "C" or better.

Total Required Credits: 60

Pathway Agreement



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Maricopa Community College District
Global Management, BGM Pathway
2020-2021


ASU Major: [Global Management, BGM | Thunderbird School of Global Management](#)


Pathway Requirements


First Year Composition [FYC]
 ENG 101: First-Year Composition or
 ENG 107: First-Year Composition for ESL   3 hrs


ENG 102: First-Year Composition or
 ENG 108: First-Year Composition for ESL   3 hrs

Literacy and Critical Inquiry [L]
 COM 225: Public Speaking  3 hrs

Mathematical Studies [MA, CS]
 MAT 212: Brief Calculus or
 MAT 213: Brief Calculus  3-4 hrs


GBS 221: Business Statistics or
 MAT 206: Elements of Statistics or
 SWU 225: Statistics for Social
 Research/Justice and Government  3 hrs


Humanities, Arts, and Design [HU]
 Humanities, Arts, and Design [HU]  3 hrs


Humanities, Arts, and Design [HU]  3 hrs


Social-Behavioral Science [SB]
 ECN 211: Macroeconomic Principles   3 hrs

ECN 212: Microeconomic Principles   3 hrs

Natural Science [SQ, SG]
 Natural Science [SQ]  4 hrs Select at least one SQ within the Natural Science requirement.

Natural Science [SQ, SG]  4 hrs

General Education Awareness Areas [C, H, G]
 Cultural Diversity in the U.S. [C]  0-3 hrs

Historical or Global Awareness [H] or [G]  0-3 hrs

MCCCD Additional Requirements

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements


Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Global Management, BGM degree program.

While the Global Management, BGM MAPP is listed here as an Associate in Arts, students have the option to pursue an ABUS-GR or ABUS-SR degree. The additional coursework for this option is listed in the track at the bottom of the MAPP. Selecting this option will limit the number of electives available compared to the Associate of Arts because the additional ABUS requirements are taken in their place. Please work with a Maricopa Advisor if you are following the AGEC-B option.

Students pursuing a major in Global Management have two different major tracks available to them: 1.) International Business, Language, & Culture, and 2.) International Business & Culture. Students pursuing the International Business, Language, & Culture track are required to study a foreign language through the fourth semester-level, as well as upper-division language & culture courses. Students pursuing International Business & Culture are not required to study a foreign language; instead, they study additional coursework in international management and global studies.


| | | |
|---|--|---------------------------------|
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0 hrs  | Satisfied by COM 225. |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|--|--|---|
| ACC 111: Accounting Principles I and ACC 230: Uses of Accounting Information I and ACC 240: Uses of Accounting Information II OR | 0-9 hrs  | ASU's TGM 200 may be completed in the first term after transfer to meet this requirement. Associate in Arts pathway only. |
|--|--|---|

ACC 111: Accounting Principles I and
ACC 112: Accounting Principles II and
ACC 212: Managerial Accounting OR

ACC 211: Financial Accounting and
ACC 212: Managerial Accounting

| | | |
|---|---|--|
| CHI 101: ELEMENTARY CHINESE (MANDARIN) I and CHI 102: ELEMENTARY CHINESE (MANDARIN) II and CHI 201: Intermediate Chinese I and CHI 202: Intermediate Chinese II OR | 0-20 hrs  | Required for International Business, Language, and Culture Concentration Only. Students choose one foreign language and complete courses consistent with language choice throughout remainder of program. Credit hours may vary depending on language (Mandarin Chinese or Spanish); Elective credits may require adjustment. See advisor. |
|---|---|--|

SPA 101: Elementary Spanish I and
SPA 102: Elementary Spanish II and
SPA 201: Intermediate Spanish I and
SPA 202: Intermediate Spanish II

| | | |
|-------------------------|----------|--|
| Lower Division Elective | 0-26 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. Depending on which concentration is chosen (International Business & Culture or Language and Culture), the amount of elective credit taken must equal the amount needed to reach 60-64 credits. |
|-------------------------|----------|--|

| | | |
|-------------------|-------|--|
| ABUS Requirements | 0 hrs | While the Global Management, BGM MAPP is listed here as an Associate in Arts, students have the option to pursue an ABUS-GR or ABUS-SR degree. This track requires to students to use Lower Division Electives to complete all of the listed requirements before transferring to ASU. It is recommended that students discuss this option with their advisor in order to best plan the elective credits in order to not exceed the maximum transferable credit range (64). |
|-------------------|-------|--|

Total Required Credits: 61

Track/Groups

ABUS Requirements

| ABUS Requirements | |
|--|--|
| MAT 217: Mathematical Analysis for Business or MAT 218: Mathematical Analysis for Business AND Business Electives or Programming I & II AND ACC 111: Accounting Principles I and ACC 230: Uses of Accounting Information I and ACC 240: Uses of Accounting Information II OR ACC 111: Accounting Principles I and ACC 112: Accounting Principles II and ACC 212: Managerial Accounting OR ACC 211: Financial Accounting and ACC 212: Managerial Accounting AND GBS 205: Legal, Ethical, And Regulatory Issues in Business | Students have the choice of selecting either 6 credits of Business Electives or 6 credits of Programming requirements. Business Electives are required for the ABUS-GR while the Programming courses are required for the ABUS-SR. Completing the ABUS requirements will decrease the number of elective credits available. Discuss course requirements with Maricopa Advisor. |





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Maricopa Community College District
Global Studies, BA Pathway
2020-2021



ASU Major: [Global Studies, BA | College of Liberal Arts and Sciences](#)


Pathway Requirements



| | |
|--|---|
| First Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL |   3 hrs |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL |   3 hrs |



| | |
|---|--|
| Literacy and Critical Inquiry [L] Literacy and Critical Inquiry |  3 hrs |
|---|--|



| | |
|---|---|
| Mathematical Studies [MA, CS] MAT 140: College Mathematics or MAT 141: College Mathematics or MAT 142: College Mathematics or MAT 145: College Mathematics with Review or MAT 146: College Mathematics with Review |  3-6 hrs |
|---|---|

| | |
|---|---|
| Computer/Statistics/Quantitative Analysis [CS] |   3 hrs |
|---|---|

| | |
|--|---|
| Humanities, Arts, and Design [HU] Humanities, Arts, and Design |  3 hrs |
| Humanities, Arts, and Design |  3 hrs |

| | |
|--|---|
| Social-Behavioral Science [SB] Social-Behavioral Science |  3 hrs |
| Social-Behavioral Science |  3 hrs |

| | | |
|---|---|--|
| Natural Science [SQ, SG] Natural Science [SQ, SG] |  4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] |  4 hrs | Select at least one SQ within the Natural Science requirement. |

| | |
|--|---|
| General Education Awareness Areas [C, H, G] Cultural Diversity in the U.S. [C] |  0-3 hrs |
| Historical or Global Awareness [H] or [G] |  0-3 hrs |

MCCCD Additional Requirements


Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Global Studies, B.A. degree program.

Special Requirements: 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of "C" or better. The Global Studies BA degree requires completion of a global experience through ASU's study abroad programs or an international internship. All experiences must be approved by the School of Politics and Global Studies' internship coordinator.

| | | |
|---|----------|---|
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs |  |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |
| Additional Lower Division Requirements | | |
| AHU 245: Arabic Culture and Islam or ECN 250: World Economic Systems or HCR 230: Culture and Health or HIS 277: The Modern Middle East or IBS 109: Cultural Dimension for International Trade or REL 290: Women and World Religions or WST 290: Women and World Religions | 6 hrs | Select two of the classes listed (6 hours). Only one of REL 290 and WST 290 may apply because they are cross-listed. |
| Related Area | 0-12 hrs | Choose four Related Area courses that transfer to ASU as direct equivalencies or Departmental Elective credit (DEC) with the following ASU prefixes: AFR, ASB, ASM, BIO, COM, ECN, GCU, GPH, HST, JUS, PAF, POS, PUP, REL, SOS, WST. Courses may be used to simultaneously fulfill any outstanding AGEC requirements. |
| Lower Division Second Language: Requirement satisfied through the following: Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 0-16 hrs | Second Language Requirement: Select 101, 102, 201, 202 as needed to reach 4th semester language proficiency. |
| Lower Division Elective | 0-19 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60





Pathway Agreement


[Print](#)





Maricopa Community College District
Graphic Information Technology, BS Pathway
2020-2021

ASU Major: [Graphic Information Technology, BS | Ira A. Fulton Schools of Engineering](#)

Pathway Requirements


| | |
|--|---|
| First Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL |   3 hrs |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL |   3 hrs |

| | | |
|---|--|-------------------------------------|
| Literacy and Critical Inquiry [L] Literacy and Critical Inquiry [L] |  3-4 hrs | PSY 290AB or PSY 290AC recommended. |
|---|--|-------------------------------------|

| | |
|---|---|
| Mathematical Studies [MA, CS] MAT 187: Precalculus OR MAT 150: College Algebra/Functions and MAT 182: Plane Trigonometry OR MAT 151: College Algebra/Functions and MAT 182: Plane Trigonometry OR MAT 152: College Algebra/Functions and MAT 182: Plane Trigonometry OR MAT 155: College Algebra/Functions with Review and MAT 182: Plane Trigonometry OR MAT 156: College Algebra/Functions with Review or MAT 182: Plane Trigonometry |   5-9 hrs |
| GBS 221: Business Statistics or MAT 206: Elements of Statistics or PSY 230: Introduction to Statistics or SWU 225: Statistics for Social Research/Justice and Government |   3 hrs |

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] Humanities, Arts, and Design [HU] |  3 hrs | Recommend selecting a course that also meets Cultural Diversity in the U.S [C], Global Awareness [G], and/or Historical Awareness [H] requirements. |
| Humanities, Arts, and Design [HU] |  3 hrs | Recommend selecting a course that also meets Cultural Diversity in the U.S [C], Global Awareness [G], and/or Historical Awareness [H] requirements. |

| | |
|--|---|
| Social-Behavioral Science [SB] PSY 101: Introduction to Psychology |   3 hrs |
|--|---|

| | | |
|---------------------------------------|---|---|
| Social-Behavioral Science [SB] |  3 hrs | Recommend selecting a course that also meets Cultural Diversity in the U.S [C], Global Awareness [G], and/or Historical Awareness [H] requirements. |
|---------------------------------------|---|---|

Natural Science [SQ, SG]

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate of Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Graphic Information Technology, BS degree program.

| | | |
|--------------------------|-------|--|
| Natural Science [SQ, SG] | 4 hrs | Select at least one [SQ] within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

| | | |
|---|---------|--|
| General Education Awareness Areas [C, H, G] | | |
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

| | | |
|---|---------|--|
| MCCCD Additional Requirements | | |
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs | |

| | | |
|-----------------------------------|---------|--|
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |
| ECE 104: EPICS Gold I | 0-2 hrs | EPICS is Engineering Projects in Community Service. Students who complete ECE104 may continue the EPICS sequence at ASU. Consult with Engineering faculty and/or STEM advisors to learn more about EPICS |

| | | |
|---|----------|--|
| Additional Lower Division Requirements | | |
| INT 235: Universal Design or ART 111: Drawing I or ART 290BC: Studio Art: Drawing | 3 hrs | INT 235 is recommended. |
| CIS 132: HTML/CSS or CIS 133DA: Internet/Web Development Level I | 3 hrs | |
| EPS 150: Introduction to Entrepreneurship | 3 hrs | |
| Lower Division Elective | 0-14 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60

Pathway Agreement

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Maricopa Community College District Health Care Coordination, BS Pathway 2020-2021

ASU Major: [Health Care Coordination, BS](#) | College of Nursing and Health Innovation

Pathway Requirements

First Year Composition [FYC]

ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL



3 hrs

ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL



3 hrs

Literacy and Critical Inquiry [L]

COM 225: Public Speaking



3 hrs

Mathematical Studies [MA, CS]

MAT 140: College Mathematics or
MAT 141: College Mathematics or
MAT 142: College Mathematics or
MAT 145: College Mathematics with Review
or
MAT 146: College Mathematics with Review
or
Higher level course that satisfies [MA]
requirement.



3-6 hrs

MAT 206: Elements of Statistics or
PSY 230: Introduction to Statistics or
SWU 225: Statistics for Social
Research/Justice and Government



3 hrs

Humanities, Arts, and Design [HU]

HCR 210: Clinical Health Care Ethics



3 hrs

Humanities, Arts, and Design



3 hrs

Social-Behavioral Science [SB]

CFS 205: Human Development or
PSY 240: Developmental Psychology



3 hrs

PSY 101: Introduction to Psychology



3 hrs

Natural Science [SQ, SG]

CHM 130: Fundamental Chemistry and
CHM 130LL: Fundamental Chemistry Lab
OR



4 hrs

CHM 130AA: Fundamental Chemistry with
Lab

BIO 205: Microbiology



4 hrs



General Education Awareness Areas [C, H, G]

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements




Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Health Care Coordination, BS degree program.

| | | |
|---|--|-----------------------|
| Cultural Diversity in the U.S. [C] | 0 hrs  | Satisfied by HCR 230. |
| Historical or Global Awareness [H] or [G] | 0 hrs  | Satisfied by HCR 220. |

MCCCD Additional Requirements

| | | |
|---|--|---------------------------------|
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0 hrs  | Satisfied by COM 225 |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|--|--|
| BIO 201: Human Anatomy and Physiology | 4 hrs  | |
| BIO 202: Human Anatomy and Physiology | 4 hrs  | |
| FON 241: Principles of Human Nutrition OR FON 241: Principles of Human Nutrition and FON 241LL: Principles of Human Nutrition Laboratory | 3-4 hrs | |
| HCR 220: Introduction to Nursing and Health Care Systems | 3 hrs | |
| HCR 230: Culture and Health | 3 hrs | |
| HCR 240: Human Pathophysiology OR HCR 240AA: Human Pathophysiology I and HCR 240AB: Human Pathophysiology II | 4 hrs | |
| SOC 101: Introductory Sociology | 3 hrs  | |
| Lower Division Elective | 0-1 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60



Pathway Agreement



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Maricopa Community College District
Health Education and Health Promotion, BS Pathway
2020-2021

ASU Major: [Health Education and Health Promotion, BS | College of Health Solutions](#)

Pathway Requirements



First Year Composition [FYC]
 ENG 101: First-Year Composition or
 ENG 107: First-Year Composition for ESL   3 hrs


ENG 102: First-Year Composition or
 ENG 108: First-Year Composition for ESL   3 hrs


Literacy and Critical Inquiry [L]
 Literacy and Critical Inquiry [L]  3 hrs


Mathematical Studies [MA, CS]
 MAT 150: College Algebra/Functions or
 MAT 151: College Algebra/Functions or
 MAT 151AA: College Algebra and
 MAT 151AB: Functions I and
 MAT 151AC: College Algebra and
 MAT 151AD: Functions or
 MAT 152: College Algebra/Functions or
 MAT 155: College Algebra/Functions with
 Review or
 MAT 156: College Algebra/Functions with
 Review OR



MAT 140: College Mathematics or
 MAT 141: College Mathematics or
 MAT 142: College Mathematics or
 MAT 145: College Mathematics with Review
 or
 MAT 146: College Mathematics with Review

GBS 221: Business Statistics or
 MAT 206: Elements of Statistics or
 SWU 225: Statistics for Social Research/Justice and Government or
 PSY 230: Introduction to Statistics   3 hrs Each of these courses satisfy the CS requirement.

Humanities, Arts, and Design [HU]
 Humanities, Arts, and Design  3 hrs

Humanities, Arts, and Design  3 hrs

Social-Behavioral Science [SB]
 HES 100: Healthful Living or
 WED 110: PRINCIPLES PHYSICAL
 FITNESS/WELLNESS  3 hrs

Social-Behavioral Science [SB]   3 hrs

Natural Science [SQ, SG]

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Health Education and Health Promotion B.S. degree program.

Total Required Credits: 60

| | | | |
|---|----------|--|--|
| BIO 160: Introduction to Human Anatomy and Physiology | 4 hrs | | |
| CHM 107: Chemistry and Society and CHM 107LL: CHEMISTRY & SOCIETY LAB | 4-5 hrs | | |
| CHM 130: Fundamental Chemistry and Laboratory or CHM 130LL: Fundamental Chemistry Laboratory | | | |
| CHM 130A: Fundamental Chemistry with Lab OR CHM 130LL: Fundamental Chemistry Laboratory | | | |
| CHM 150: General Chemistry I and CHM 151LL: General Chemistry I Laboratory | | | |
| CHM 150A: General Chemistry I or CHM 151: General Chemistry I and CHM 151LL: General Chemistry I Laboratory | | | |
| CHM 151A: General Chemistry I OR CHM 151LL: General Chemistry I Laboratory | | | |
| BIO 181: General Biology (Majors) I or BIO 181XT: General Biology (Majors) I | | | |
| General Education Awareness Areas [C, H, G] Cultural Diversity in the U.S. [C] | 0-3 hrs | | AGEC Awareness Areas [C] or [G] met by HES 210. |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | | AGEC Awareness Areas [C] or [G] met by HES 210. |
| MCCCD Additional Requirements COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs | | COM 225 will fulfill [L] |
| CRE 101: College Critical Reading | 0-3 hrs | | Complete CRE 101 or equivalent. |
| Additional Lower Division Requirements FON 241: Principles of Human Nutrition or FON 100: Introductory Nutrition | 3 hrs | | |
| Lower Division Elective | 7-22 hrs | | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. HEP 102 and CHS 300 will need to be taken after transfer. |

Pathway Agreement



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Maricopa Community College District Health Entrepreneurship and Innovation, BS Pathway 2020-2021


ASU Major: [Health Entrepreneurship and Innovation, BS | College of Nursing and Health Innovation](#)



Pathway Requirements

First Year Composition [FYC]
ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL   3 hrs


ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL   3 hrs

Literacy and Critical Inquiry [L]
COM 225: Public Speaking  3 hrs

Mathematical Studies [MA, CS]
MAT 140: College Mathematics or
MAT 141: College Mathematics or
MAT 142: College Mathematics or
MAT 145: College Mathematics with Review
or
MAT 146: College Mathematics with Review
or
Higher level course that meets MA
requirement  3-6 hrs



GBS 221: Business Statistics or
MAT 206: Elements of Statistics or
SWU 225: Statistics for Social
Research/Justice and Government OR
PSY 230: Introduction to Statistics   3 hrs

Humanities, Arts, and Design [HU]
HCR 210: Clinical Health Care Ethics   3 hrs

Humanities, Arts, and Design [HU]  3 hrs

Social-Behavioral Science [SB]
PSY 101: Introduction to Psychology   3 hrs

SOC 101: Introduction to Sociology   3 hrs

| | | |
|--|---|---|
| Natural Science [SQ, SG] Natural Science [SQ, SG] |  4 hrs | Select at least one SQ within the Natural Science requirement. ASU's College of Nursing and Health Innovation recommends GLG 110 and GLG 111. |
| Natural Science [SQ, SG] |  4 hrs | Select at least one SQ within the Natural Science requirement. ASU's College of Nursing and Health Innovation recommends BIO 100. |

General Education Awareness Areas [C, H, G]

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

The BS in Health Entrepreneurship Innovation is the first of its kind in the country, intended for students who want to lead transformative change in health through the creation of new products, processes and systems. With a focus on transdisciplinary experiences, this program will provide students with a broad background in the principles of innovation, leadership, complexity science, change theory, collaboration and evidence-based decision making to prepare graduates to manage implementation of innovation in the health care arena.

This unique program situates students at the intersection of innovation and entrepreneurship in health and healing.

This innovative program would be a great pathway for any community college student with an interest in health, business, health care administration, entrepreneurship, and many other areas.

Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts degree and AGECA-A, meets major map requirements at ASU, and guarantees admission to the Health Entrepreneurship and Innovation BS degree program.

| | | |
|---|-------|----------------------------------|
| Cultural Diversity in the U.S. [C] | 0 hrs | Satisfied by HCR 230 or HES 210. |
| Historical or Global Awareness [H] or [G] | 0 hrs | Satisfied by HCR 230 or HES 210 |

| | | |
|---|---------|---------------------------------|
| MCCCD Additional Requirements COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0 hrs | Satisfied by COM 225. |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

| | | |
|--|----------|---|
| Additional Lower Division Requirements COM 100: Introduction to Human Communication | 3 hrs | |
| HCC 130: FUNDAMENTALS IN HEALTH CARE DELIVERY or HCR 220: Introduction to Nursing and Health Care Systems | 3 hrs | |
| HCR 230: Culture and Health or HES 210: Cultural Aspects of Health and Illness | 3 hrs | |
| Health Innovation Elective | 0-18 hrs | Select courses from the Track/Groups section to below. Students should consult w/ an ASU advisor to identify appropriate courses in a thematic area when selecting Health Innovation Electives. |
| Lower Division Elective | 0-16 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60

Track/Groups

Health Innovation Elective

| | |
|--|--|
| Health Innovation Elective | |
| HES 100: Healthful Living or WED 110: PRINCIPLES PHYSICAL FITNESS/WELLNESS | Health Innovation Elective |
| SUS 100: Introduction to Sustainability | |
| Health Innovation Elective | |
| SUS 110: Sustainable World | |
| Health Innovation Elective | |
| WST 100: Women and Society | |
| Health Innovation Elective | |
| ACC, ECN, FIN, HCR, LES, MGT, MKT, NTR, OGL, OMT, SOS, TEL, or TEM Departmental Elective | Select a course that transfers to ASU as a Dept. Elective from the following prefixes. |
| | Health Innovation Elective |
| ASB 100: Introduction to Global Health | |





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Maricopa Community College District
Health Sciences, BS Pathway
2020-2021


ASU Major: [Health Sciences, BS](#) | [College of Health Solutions](#)


Pathway Requirements


| | |
|--|---|
| First Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL |   3 hrs |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL |   3 hrs |

| | | |
|---|--|---------------------|
| Literacy and Critical Inquiry [L] Literacy and Critical Inquiry [L] |  3 hrs | COM 225 recommended |
|---|--|---------------------|


| | |
|---|---|
| Mathematical Studies [MA, CS] MAT 140: College Mathematics or MAT 141: College Mathematics or MAT 142: College Mathematics or MAT 145: College Mathematics with Review or MAT 146: College Mathematics with Review |  3-6 hrs |
|---|---|


| | |
|---|---|
| Computer/Statistics/Quantitative Applications [CS] |  3 hrs |
|---|---|

| | |
|---|---|
| Humanities, Arts, and Design [HU] Humanities, Arts, and Design [HU] |  3 hrs |
|---|---|


| | |
|-----------------------------------|---|
| Humanities, Arts, and Design [HU] |  3 hrs |
|-----------------------------------|---|

| | |
|--|---|
| Social-Behavioral Science [SB] PSY 101: Introduction to Psychology |   3 hrs |
|--|---|

| | |
|--------------------------------|---|
| Social-Behavioral Science [SB] |  3 hrs |
|--------------------------------|---|

| | | |
|---|---|--|
| Natural Science [SQ, SG] Natural Science [SQ, SG] |  4 hrs | Select at least one SQ within the Natural Science requirement. |
|---|---|--|

| | |
|--------------------------|---|
| Natural Science [SQ, SG] |  4 hrs |
|--------------------------|---|

| | | |
|--|---|--|
| General Education Awareness Areas [C, H, G] Cultural Diversity in the U.S. [C] |  0-3 hrs | AGEC Awareness Areas [C] and [G] met by HES 210 (if selected to meet Additional Lower Division Requirement). |
|--|---|--|

| | | |
|---|---|--|
| Historical or Global Awareness [H] or [G] |  0-3 hrs | AGEC Awareness Areas [C] and [G] met by HES 210 (if selected to meet Additional Lower Division Requirement). |
|---|---|--|

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Health Sciences, BS degree program.

Students who matriculate to ASU will choose a track to complete: Community-based Health Outcomes; Health Legislation and Regulation; Language, Speech and Communication; or Integrated Care.

MCCC Additional Requirements

COM 100: Introduction to Human Communication or
 COM 110: Interpersonal Communication or
 COM 225: Public Speaking or
 COM 230: Small Group Communication



CRE 101: College Critical Reading 0-3 hrs Complete CRE 101 or equivalent.

Additional Lower Division Requirements

HES 210: Cultural Aspects of Health and Illness or
 IFS 215: Cultural Context of Health Information 3 hrs If HES 210 is selected, it meets a lower division requirement, [C] and [G]. Credits can only be counted once.

Lower Division Elective 8-22 hrs Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. CHS 300 will need to be taken after transfer to ASU.

Total Required Credits: 60

Pathway Agreement



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Maricopa Community College District Health Sciences (Healthy Lifestyles Coaching), BS Pathway 2020-2021

ASU Major: [Health Sciences \(Healthy Lifestyles Coaching\), BS](#) | College of Health Solutions


Pathway Requirements

First Year Composition [FYC]


ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL   3 hrs



ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL   3 hrs

Literacy and Critical Inquiry [L]

EXS 290: Introduction to Evidence-Based
Practice  3 hrs

Mathematical Studies [MA, CS]

MAT 140: College Mathematics or
MAT 141: College Mathematics or
MAT 142: College Mathematics or
MAT 145: College Mathematics with Review
or
MAT 146: College Mathematics with Review  3-6 hrs


GBS 221: Business Statistics or
MAT 206: Elements of Statistics or
SWU 225: Statistics for Social
Research/Justice and Government or
PSY 230: Introduction to Statistics   3 hrs



Humanities, Arts, and Design [HU]

Humanities, Arts, and Design [HU]   3 hrs



Humanities, Arts, and Design  3 hrs



Social-Behavioral Science [SB]

Social-Behavioral Science [SB]  3 hrs

PSY 101: Introduction to Psychology   3 hrs

Natural Science [SQ, SG]

BIO 160: Intro To Human Anatomy &
Physiology or
BIO 201: Human Anatomy and Physiology I   4 hrs

CHM 130: Fundamental Chemistry and
CHM 130LL: Fundamental Chemistry
Laborat or
CHM 130AA: Fundamental Chemistry with
Lab   4 hrs


General Education Awareness Areas [C, H, G]

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.


Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Health Sciences (Healthy Lifestyle Coaching) B.S. degree program.

Cultural Diversity in the U.S. [C] 0-3 hrs 

Historical or Global Awareness [H] or [G] 0-3 hrs 

MCCCD Additional Requirements

COM 100: Introduction to Human Communication or
COM 110: Interpersonal Communication or
COM 225: Public Speaking or
COM 230: Small Group Communication 0-3 hrs 

CRE 101: College Critical Reading 0-3 hrs Complete CRE 101 or equivalent.

Additional Lower Division Requirements

FON 241: Principles of Human Nutrition 3 hrs

EXS 101: Introduction to Exercise Science 3 hrs

Lower Division Elective 4-19 hrs Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements.

Total Required Credits: 60

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Maricopa Community College District
History, BA Pathway
2020-2021


ASU Major: [History, BA | New College of Interdisciplinary Arts and Sciences](#)


Pathway Requirements


First Year Composition [FYC]
 ENG 101: First-Year Composition or
 ENG 107: First-Year Composition for ESL   3 hrs


ENG 102: First-Year Composition or
 ENG 108: First-Year Composition for ESL   3 hrs


Literacy and Critical Inquiry [L]
 Literacy and Critical Inquiry [L]  3 hrs


Mathematical Studies [MA, CS]
 MAT 140: College Mathematics or
 MAT 141: College Mathematics or
 MAT 142: College Mathematics or
 MAT 145: College Mathematics with Review
 or
 MAT 146: College Mathematics with Review  3-6 hrs


Computer/Statistics/Quantitative Applications
 [CS]  3 hrs


Humanities, Arts, and Design [HU]
 Humanities, Arts, and Design [HU]  3 hrs May be met with History Survey, History Elective, or History Related Area course. Check the Course Equivalency Guide to ensure course meets [HU] value in the semester it is taken.

Humanities, Arts, and Design [HU]  3 hrs May be met with History Survey, History Elective, or History Related Area course. Check the Course Equivalency Guide to ensure course meets [HU] value in the semester it is taken.

Social-Behavioral Science [SB]
 Social-Behavioral Science [SB]  3 hrs May be met with History Survey, History Elective, or History Related Area course. Check the Course Equivalency Guide to ensure course meets [SB] value in the semester it is taken.

Social-Behavioral Science [SB]  3 hrs May be met with History Survey, History Elective, or History Related Area course. Check the Course Equivalency Guide to ensure course meets [SB] value in the semester it is taken.

Natural Science [SQ, SG]
 Natural Science [SQ, SG]  4 hrs Select at least one SQ within the Natural Science requirement.

Natural Science [SQ, SG]  4 hrs

General Education Awareness Areas [C, H, G]



Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

The recommended MCCCDC associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Emphasis in History degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the History BA degree program.

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information: <https://transfer.asu.edu/credits>.

| | | | |
|---|---------|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs |  | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs |  | May be met with History Survey, History Elective, or History Related Area course. Check the Course Equivalency Guide to ensure course meets [H] or [G] value in the semester it is taken. |

| | | | |
|---|---------|---|---------------------------------|
| MCCCD Additional Requirements | | | |
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs |  | |
| CRE 101: College Critical Reading | 0-3 hrs | | Complete CRE 101 or equivalent. |

| | | | |
|--|---------|--|--|
| Additional Lower Division Requirements | | | |
| History Lower Division Elective | 3 hrs | | |
| Two Semester Survey in U.S. History, World History or Western Civilization | 6 hrs | | If choosing U.S History Survey, complete HIS 103 and HIS 104; if choosing World History, complete HIS 110 and HIS 111; if choosing Western Civilization, complete two from HIS 100, HIS 101 and HIS 102. |
| Related Area Course | 9 hrs | | Select three courses (9 hours) that transfer to ASU as a direct equivalent or Departmental Elective credit (DEC) in the following ASU prefixes: ENG, HST, PHI, REL, SPA, WST. |
| Lower Division Elective | 0-7 hrs | | Within these elective credits, the New College of Interdisciplinary Arts and Sciences' Languages and Cultures Requirement may be fulfilled by completing one of the following options before transferring to ASU: Non-English language course at the intermediate level (202 or equivalent), including American Sign Language IV OR two (2) semesters of a current computer language (CSC110 and [CSC200 or CSC205]). Alternatively, students can meet ASU's Languages and Cultures Requirement after transferring by completing an additional 6 credits of upper-division Global or Cultural courses once at ASU. |

Total Required Credits: 60

Track/Groups

Two Semester Survey in U.S. History, World History or Western Civilization

| | |
|--|---|
| Two Semester Survey in U.S. History, World History or Western Civilization | |
| HIS 103: United States History to 1865 and HIS 104: United States History 1865 to | |
| Two Semester Survey in U.S. History, World History or Western Civilization | |
| HIS 110: World History to 1500 and HIS 111: WORLD HISTORY 1500 TO the PRESENT | |
| Two Semester Survey in U.S. History, World History or Western Civilization | |
| HIS 100: HIST OF W CIVILIZATION TO MID AGES or HIS 101: HIST OF W CIVILIZATION/MID AGES-1789 or HIS 102: HIST OF W CIVILIZATION/1789 TO PRSNT | Choose 2 of the following courses for 6 credit sequence |





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Maricopa Community College District
History, BA Pathway
2020-2021

ASU Major: [History, BA | College of Liberal Arts and Sciences](#)



Pathway Requirements



| | |
|--|---|
| First Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL |   3 hrs |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL |   3 hrs |



| | |
|---|--|
| Literacy and Critical Inquiry [L] Literacy and Critical Inquiry |  3 hrs |
|---|--|

| | |
|---|---|
| Mathematical Studies [MA, CS] MAT 140: College Mathematics or MAT 141: College Mathematics or MAT 142: College Mathematics or MAT 145: College Mathematics with Review or MAT 146: College Mathematics with Review |  3-6 hrs |
| Computer/Statistics/Quantitative Applications |  3 hrs |

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] Humanities, Arts, and Design [HU] |  3 hrs | For Humanities [HU] and Social-Behavioral Sciences [SB] requirement, select courses that also satisfy History or Related Area requirements for the major. |
| Humanities, Arts, and Design [HU] |  3 hrs | For Humanities [HU] and Social-Behavioral Sciences [SB] requirement, select courses that also satisfy History or Related Area requirements for the major. |

| | | |
|---|---|---|
| Social-Behavioral Science [SB] Social-Behavioral Science [SB] |  3 hrs | For Humanities [HU] and Social-Behavioral Sciences [SB] requirement, select courses that also satisfy History or Related Area requirements for the major. |
| Social-Behavioral Science [SB] |  3 hrs | For Humanities [HU] and Social-Behavioral Sciences [SB] requirement, select courses that also satisfy History or Related Area requirements for the major. |

| | | |
|---|---|--|
| Natural Science [SQ, SG] Natural Science [SQ, SG] |  4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] |  4 hrs | |

| | |
|--|---|
| General Education Awareness Areas [C, H, G] Cultural Diversity in the U.S. [C] |  0-3 hrs |
| Historical or Global Awareness [H] or [G] |  0-3 hrs |

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCC Arts Associate in Arts, Emphasis in History and AGECE-A, meets major map requirements at ASU, and guarantees admission to the History B.A. degree program.

Special Requirements: 2.25 GPA in History courses. 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of "C" or better.

MCCCD Additional Requirements

COM 100: Introduction to Human Communication or
 COM 110: Interpersonal Communication or
 COM 225: Public Speaking or
 COM 230: Small Group Communication



CRE 101: College Critical Reading 0-3 hrs Complete CRE 101 or equivalent.

Additional Lower Division Requirements

| | | |
|--|----------|---|
| History Survey Courses | 0-6 hrs | History Survey courses should also meet AGECA Humanities and Fine Arts and/or Social and Behavioral Science requirements. A list of History Survey Courses is located below. |
| Related Area Courses | 0-6 hrs | Select two courses which transfer as either direct equivalencies or departmental electives to courses in the following ASU departments: AFR, AIS, APA, APH, ARS, ASB, ASM, ECN, ENG, GCU, HON, HPS, HUM, JUS, PHI, POS, REL, SGS, SOC, TCL, and WST. (Courses which transfer as ENG 101-111 are excluded). These courses may also satisfy Humanities [HU] and/or Social-Behavioral Sciences [SB] requirements when they carry those designations. |
| Lower Division Second Language: Requirement satisfied through the following: Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 0-16 hrs | Select 101, 102, 201, 202 as needed to reach 4th semester proficiency. You may select specific courses from the Course Equivalency Guide that satisfy these criteria. Determination is made based on the semester and year the course is taken. |
| Lower Division Elective | 0-25 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. HST 130 will need to be taken after transfer to ASU. For students with high transfer hours, it may be taken as HST 330 instead of HST 130. |

Total Required Credits: 60

Track/Groups

History Survey Courses

| History Survey Courses |
|--|
| HIS 110: World History to 1500 or HIS 111: WORLD HISTORY 1500 TO the PRESENT or HIS 100: HIST OF W CIVILIZATION TO MID AGES or HIS 101: HIST OF W CIVILIZATION/MID AGES-1789 or HIS 102: HIST OF W CIVILIZATION/1789 TO PRSNT or HIS 103: United States History to 1865 or HIS 104: United States History 1865 to Present or HIS 108: United States History 1945 to the Present or HIS 113: History of Eastern Civilizations to 1850 or HIS 114: History of Eastern Civilizations 1850 to Present |





Pathway Agreement


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Maricopa Community College District
History, BA Pathway
2020-2021


ASU Major: [History, BA | College of Integrative Sciences and Arts](#)



Pathway Requirements



| | | |
|--|---|-------|
| First Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL |   | 3 hrs |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL |   | 3 hrs |



| | | |
|---|--|-------|
| Literacy and Critical Inquiry [L] Literacy and Critical Inquiry |  | 3 hrs |
|---|--|-------|



| | | |
|---|---|---------|
| Mathematical Studies [MA, CS] MAT 140: College Mathematics or MAT 141: College Mathematics or MAT 142: College Mathematics or MAT 145: College Mathematics with Review or MAT 146: College Mathematics with Review or Higher level course that meets [MA] requirement |  | 3-6 hrs |
|---|---|---------|

| | | |
|---|---|-------|
| Computer/Statistics/Quantitative Applications [CS] |  | 3 hrs |
|---|---|-------|

| | | |
|--|---|-------|
| Humanities, Arts, and Design [HU] Humanities, Arts, and Design |  | 3 hrs |
| Humanities, Arts, and Design |  | 3 hrs |

| | | |
|--|---|-------|
| Social-Behavioral Science [SB] Social-Behavioral Science |  | 3 hrs |
| Social-Behavioral Science |  | 3 hrs |

| | | | |
|---|---|-------|--|
| Natural Science [SQ, SG] Natural Science [SQ, SG] |  | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] |  | 4 hrs | |

| | | |
|--|---|---------|
| General Education Awareness Areas [C, H, G] Cultural Diversity in the U.S. [C] |  | 0-3 hrs |
| Historical or Global Awareness [H] or [G] |  | 0-3 hrs |

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Emphasis in History degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the History B.A. degree program.

Special Requirements: 2.25 GPA in History courses and Critical Tracking courses. 2.0 GPA in remaining coursework used to satisfy MAPP requirements. All courses must be completed with a grade of "C" or better.

MCCCD Additional Requirements

COM 100: Introduction to Human Communication or
COM 110: Interpersonal Communication or
COM 225: Public Speaking or
COM 230: Small Group Communication



0-3 hrs

CRE 101: College Critical Reading 0-3 hrs Complete CRE 101 or equivalent.

Additional Lower Division Requirements

| | | |
|-------------------------|----------|---|
| History Related Area | 3 hrs | Select 1 course (3 hours) that transfer to ASU as direct equivalents or Departmental Elective credit (DEC) with an ENG, ISS, PHI, POS, REL, SOC, or STS prefix. |
| History Electives | 9 hrs | Select 3 courses (9 hours) that transfer to ASU as direct equivalents or Departmental Elective credit (DEC) with an HST prefix. A minimum GPA of 2.25 is required in these courses. |
| Lower Division Elective | 0-15 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 62

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Maricopa Community College District History of Science, Ideas and Innovation, BA Pathway 2020-2021

ASU Major: [History of Science, Ideas and Innovation, BA](#) | College of Integrative Sciences and Arts

Pathway Requirements

First Year Composition [FYC]

ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL



3 hrs

ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL



3 hrs

Literacy and Critical Inquiry [L]

Literacy and Critical Inquiry



3 hrs

Mathematical Studies [MA, CS]

Mathematics (MA)

3-6 hrs

A higher-level course that meets [MA] requirement is also acceptable.

Computer/Statistics/Quantitative Applications [CS]



3 hrs

Humanities, Arts, and Design [HU]

Humanities, Arts, and Design



3 hrs

Humanities, Arts, and Design



3 hrs

Social-Behavioral Science [SB]

Social-Behavioral Science



3 hrs

Social-Behavioral Science



3 hrs

Natural Science [SQ, SG]

Natural Science

4 hrs

Select at least one SQ within the Natural Science requirement.

Natural Science



4 hrs

General Education Awareness Areas [C, H, G]

Cultural Diversity in the U.S. [C]

0-3 hrs



Historical or Global Awareness [H] or [G]

0-3 hrs



MCCCD Additional Requirements

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the History of Science, Ideas and Innovation, BA degree program.

COM 100: Introduction to Human Communication or
 COM 110: Interpersonal Communication or
 COM 225: Public Speaking or
 COM 230: Small Group Communication

0-3 hrs


CRE 101: College Critical Reading 0-3 hrs Complete CRE 101 or equivalent.

Additional Lower Division Requirements

| | | |
|-------------------------|----------|---|
| History Related Area | 6 hrs | Select 2 courses from one subject/prefix that transfer to ASU as direct equivalents or Departmental Elective credit (DEC) with an ABS, ISS, PHY, POS, SOC, or STS prefix. |
| Lower Division Elective | 4-21 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 62





Pathway Agreement


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Maricopa Community College District
Human Systems Engineering, BS Pathway
2020-2021



ASU Major: **Human Systems Engineering, BS | Ira A. Fulton Schools of Engineering**



Pathway Requirements




| | |
|--|--|
| First Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL |   3 hrs |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL |   3 hrs |

| | |
|---|---|
| Literacy and Critical Inquiry [L] PSY 290AC: Research Methods or PSY 290AB: Research Methods |  4 hrs |
|---|---|

| | |
|--|--|
| Mathematical Studies [MA, CS] MAT 150: College Algebra/Functions and MAT 182: Plane Trigonometry OR MAT 151: College Algebra/Functions and MAT 182: Plane Trigonometry OR MAT 152: College Algebra/Functions and MAT 182: Plane Trigonometry OR MAT 155: College Algebra/Functions with Review and MAT 182: Plane Trigonometry OR MAT 156: College Algebra/Functions with Review and MAT 182: Plane Trigonometry OR MAT 187: Precalculus |   5-9 hrs |
|--|--|

| | | |
|---|--|--|
| GBS 221: Business Statistics or MAT 206: Elements of Statistics or PSY 230: Introduction to Statistics or SWU 225: Statistics for Social Research/Justice and Government |   3 hrs | PSY 230 is an approved substitute for HSE 230. |
|---|--|--|

| | | |
|---|--|--|
| Humanities, Arts, and Design [HU] Humanities, Arts, and Design [HU] |  3 hrs | Humanities and Fine Arts [HU]: Recommend selecting course that also satisfies [C]. |
| Humanities, Arts, and Design [HU] |  3 hrs | Humanities and Fine Arts [HU]: Recommend selecting course that also satisfies [H]. |

| | | |
|--|--|--|
| Social-Behavioral Science [SB] PSY 101: Introduction to Psychology |   3 hrs | PSY 101 is an approved substitute for HSE 101. |
| Social-Behavioral Science [SB] |  3 hrs | |

Natural Science [SQ, SG]








Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Completion of the Maricopa to ASU Engineering Pathway and all special requirements satisfies the requirements for MCCC Associate in Arts degree and AGECE-A, meets major map requirements at ASU, and guarantees admission to the Human Systems Engineering, BS degree program, within the Polytechnic School of the Ira A. Fulton Schools of Engineering.

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information:
<https://transfer.asu.edu/credits>

| | | |
|--|--|--|
| BIO 100: Biology Concepts or BIO 102: GEN BIO(NON-MAJORS)ADDITIONAL or BIO 181: General Biology (Majors) I or BIO 181XT: General Biology (Majors) I or BIO 201: Human Anatomy and Physiology I or BIO 201XT: Human Anatomy and Physiology I | 4-5 hrs   | |
| Natural Science [SQ, SG] | 4 hrs  | Select a course that satisfies Natural Science [SQ]. |
| General Education Awareness Areas [C, H, G] | | |
| Cultural Diversity in the U.S. [C] | 0-3 hrs  | |
| Historical/Global Awareness [H or G] | 0-3 hrs  | |
| MCCCD Additional Requirements | | |
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs  | |
| CRE 101: College Critical Reading | 0-3 hrs | |
| Additional Lower Division Requirements | | |
| CIS 105: Survey of Computer Information Systems or CIS 163AA: Java Programming: Level I or CSC 180: Computer Literacy | 3 hrs  | |
| ECE 102: Engineering Analysis Tools or ECE 102AA: Engineering Analysis Tools and Techniques AND | 4 hrs | |
| ECE 103: Engineering Problem Solving and Design or ECE 103AB: Engineering Problem Solving and Design | | |
| Technical Elective | 9 hrs | Select courses that transfer to ASU with the following prefixes: AME, AMT, BIO, BME, BMI, CAP, CIS, CSE, EEE, EGR, GIT, HSE, IEE, IFT, MFG, PSY, SER, TEM, TMC, TWC. |
| Lower Division Elective | 0-6 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |
| ECE 104: EPICS Gold I | 0-2 hrs | EPICS is Engineering Projects in Community Service. Students who complete ECE104 may continue the EPICS sequence at ASU. Consult with Engineering faculty and/or STEM advisors to learn more about EPICS |

Total Required Credits: 60














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Maricopa Community College District Industrial Engineering, BSE Pathway 2020-2021

ASU Major: [Industrial Engineering, BSE](#) | [Ira A. Fulton Schools of Engineering](#)

Pathway Requirements

| | | |
|---|--|---|
| Engineering Core CHM 151: General Chemistry I and CHM 151LL: General Chemistry I Laboratory | 4 hrs  | Can be used to meet basic science requirement at ASU. |
| CHM 152: General Chemistry II and CHM 152LL: General Chemistry II Laboratory | 4 hrs  | |
| ECE 102: Engineering Analysis Tools and Techniques or ECE 102AA: Engineering Analysis Tools and Techniques AND | 4 hrs  | The combination of these two courses transfer as FSE 100 and ASU 101 at ASU. Students must take both to get credit for both. |
| ECE 103: Engineering Problem Solving and Design or ECE 103AB: Engineering Problem Solving and Design or ECE 103EP: Engineering Problem Solving and Design (with EPICS projects) | | |
| ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL | 3 hrs  | |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL | 3 hrs  | |
| MAT 220: Calculus with Analytic Geometry I or MAT 221: Calculus with Analytic Geometry I | 4-5 hrs  | |
| MAT 230: Calculus with Analytic Geometry II or MAT 231: Calculus with Analytic Geometry II | 4-5 hrs  | |
| MAT 240: Calculus with Analytic Geometry III or MAT 241: Calculus with Analytic Geometry III | 4-5 hrs  | |
| MAT 277: Modern Differential Equations or MAT 276: Modern Differential Equations | 3-4 hrs  | |
| PHY 121: UNIVERSITY PHYSICS I: MECHANICS or PHY 115: University Physics I | 4-5 hrs  | |
| PHY 131: University Physics II: Electricity and Magnetism or PHY 116: University Physics II | 4-5 hrs  | |
| Humanities, Arts, and Design or AGEC Awareness Areas | 3-6 hrs  | Take one course that satisfies Humanities and Fine Arts AND an Awareness Area requirement. |
| Social-Behavioral Science or AGEC Awareness Areas | 3 hrs  | Take one course that satisfies Social-Behavioral Science AND an Awareness Area requirement. |
| Additional Lower Division Requirements MAT 225: Elementary Linear Algebra | 3 hrs | Complete additional lower division requirements not to exceed 64 total transfer credits. Students should complete MAT 225, CSC 110, CSC 205 and ECN 211 before taking other additional courses listed. All other additional requirements listed can be completed after transfer to ASU. |
| CSC 110: Introduction to Computer Science or CSC 110AA: Introduction to Computer Science (Java) or CSC 110AB: Introduction to Computer Science (Java) | 3-4 hrs | |

Pathway Notes



There are no notes for this pathway

Special Requirements

Completion of the Maricopa to ASU Engineering Pathway and all special requirements meets ASU major map requirements and guarantees admission to the Industrial Engineering BSE degree program.

Note: Engineering Core Courses should be completed prior to enrolling in any additional lower division requirement courses. While requirements listed will meet ASU degree requirements, only 64 credit hours are transferable to ASU.

Special Requirements: 3.0 transfer GPA as calculated by ASU for admissions. All courses must be completed with a grade of "C" or better.

| | | | |
|--|---|---------|--|
| CSC 120: Digital Design Fundamentals OR CSC 240: Introduction to Different Pro OR EEE 202: Circuits and Devices | | 3-5 hrs | Course meets engineering science elective for major. |
| CSC 205: Object Oriented Programming and Data Structures or CSC 205AA: Object Oriented Programming and Data Structures or CSC 205AB: Object Oriented Programming and Data Structures |  | 3-4 hrs | |
| ECE 211: Engineering Mechanics-Statics | | 3 hrs | |
| ECN 211: Macroeconomic Principles |  | 3 hrs | |
| ECE 104: EPICS Gold I | | 0-2 hrs | EPICS is Engineering Projects in Community Service. Students who complete ECE 104 may continue the EPICS sequence at ASU. Consult with Engineering faculty and/or STEM advisors to learn more about EPICS. |

Total Required Credits: 65

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Maricopa Community College District Information Technology, BS Pathway 2020-2021

ASU Major: [Information Technology, BS | Ira A. Fulton Schools of Engineering](#)



Pathway Requirements


First Year Composition [FYC]
ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL   3 hrs


ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL   3 hrs

Literacy and Critical Inquiry [L]
Literacy and Critical Inquiry [L]  3 hrs

Mathematical Studies [MA, CS]
MAT 212: Brief Calculus or
MAT 213: Brief Calculus 3-4 hrs


GBS 221: Business Statistics or
MAT 206: Elements of Statistics or
PSY 230: Introduction to Statistics or
SWU 225: Statistics for Social
Research/Justice and Government   3 hrs

Humanities, Arts, and Design [HU]
Humanities, Arts, and Design [HU]  3 hrs Recommended HU courses also include [C].


Humanities, Arts, and Design [HU]  3 hrs Recommended HU courses also include [H].


Social-Behavioral Science [SB]
PSY 101: Introduction to Psychology   3 hrs

Social-Behavioral Science [SB]  3 hrs

Natural Science [SQ, SG]
Natural Science [SQ, SG]  4 hrs Select at least one [SQ] within the Natural Science requirement.

Natural Science [SQ, SG]  4 hrs

General Education Awareness Areas [C, H, G]
Cultural Diversity in the U.S. [C]  0-3 hrs

Historical or Global Awareness [H] or [G]  0-3 hrs



MCCCD Additional Requirements

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Information Technology, BS degree program.

| | | | |
|---|---------|---|--|
| COM 100: Introduction to Human Communication or COM 230: Small Group Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking | 0-3 hrs |  | |
| CRE 101: College Critical Reading | 0-3 hrs | | |
| Additional Lower Division Requirements | | | |
| CIS 119DO: Introduction to Oracle: SQL and CIS 154: Database Modeling and Design OR CIS 276DA: MySQL Database OR CIS 276DB: SQL Server Database | 3-6 hrs | | |
| CIS 126DA: UNIX Operating System or CIS 126DL: Linux Operating System or CIS 239DL: Linux Shell Scripting | 3 hrs | | |
| CIS 163AA: Java Programming: Level I | 3 hrs |  | IFT 210 was previously IFT 102. |
| CIS 162: C Programming I or CIS 162AD: C#: Level I or CSC 100: Introduction to Computer Science (C++) or CSC 110: Introduction to Computer Science (Java) or CSC 110AA: Introduction to Computer Science (Java) or CSC 150: Programming in C/C++ or CSC 150AA: Programming in C/C++ or CSC 182: Principles of Programming with C#.NET or CSC 182AA: Principles of Programming with C#.NET | 3-4 hrs | | |
| CNT 140AA: Introduction to Networks or CNT 140AB: Introduction to Networks | 3-4 hrs | | IFT 166 was previously IFT 259. |
| MAT 217: Mathematical Analysis for Business or MAT 218: Mathematical Analysis for Business | 3-4 hrs | | |
| Lower Division Elective | 0-7 hrs | | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |
| ECE 104: EPICS Gold I | 0-2 hrs | | EPICS is Engineering Projects in Community Service. Students who complete ECE 104 may continue the EPICS sequence at ASU. Consult with Engineering faculty and/or STEM advisors to learn more about EPICS. |

Total Required Credits: 60

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Maricopa Community College District Innovation in Society, BA Pathway 2020-2021

ASU Major: [Innovation in Society, BA | School for the Future of Innovation in Society](#)


Pathway Requirements

First Year Composition [FYC]


ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL   3 hrs

ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL   3 hrs


Literacy and Critical Inquiry [L]

Literacy and Critical Inquiry [L]  3 hrs

Mathematical Studies [MA, CS]


MAT 140: College Mathematics or
MAT 141: College Mathematics or
MAT 142: College Mathematics or
MAT 145: College Mathematics with Review
or
MAT 146: College Mathematics with Review  3-6 hrs

Computer/Statistics/Quantitative Analysis [CS]


 3 hrs The ASU School for the Future of Innovation in Society recommends selecting CIS 105 or CSE 180.


Humanities, Arts, and Design [HU]

Humanities, Arts, and Design [HU]  3 hrs


Humanities, Arts, and Design [HU]  3 hrs


Social-Behavioral Science [SB]

Social-Behavioral Science [SB]  3 hrs


Social-Behavioral Science [SB]  3 hrs


Natural Science [SQ, SG]

Natural Science [SQ, SG]  4 hrs Select at least one SQ within the Natural Science requirement.

Natural Science [SQ, SG]  4 hrs

General Education Awareness Areas [C, H, G]

Cultural Diversity in the U.S. [C]  0-3 hrs

Historical or Global Awareness [H] or [G]  0-3 hrs

MCCCD Additional Requirements

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Innovation in Society B.A. degree program.

COM 100: Introduction to Human Communication or
COM 110: Interpersonal Communication or
COM 225: Public Speaking or
COM 230: Small Group Communication

0-3 hrs


CRE 101: College Critical Reading 0-3 hrs Complete CRE 101 or equivalent.

Additional Lower Division Requirements
Second Language: Requirement satisfied through the following: * Completion of secondary education at a school in which the language of instruction is not English; * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV; * Completion of upper division course(s) taught in a foreign language taken in the United States or the relevant country.

0-16 hrs

Lower Division Elective 0-25 hrs Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements.

Total Required Credits: 60

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Maricopa Community College District
Innovation in Society, BS Pathway
2020-2021



ASU Major: [Innovation in Society, BS | School for the Future of Innovation in Society](#)

Pathway Requirements

First Year Composition [FYC]
 ENG 101: First-Year Composition or
 ENG 107: First-Year Composition for ESL   3 hrs

ENG 102: First-Year Composition or
 ENG 108: First-Year Composition for ESL   3 hrs

Literacy and Critical Inquiry [L]
 Literacy and Critical Inquiry [L]  3 hrs

Mathematical Studies [MA, CS]
 MAT 150: College Algebra/Functions and
 MAT 182: Plane Trigonometry OR   5-9 hrs



MAT 151: College Algebra/Functions and
 MAT 182: Plane Trigonometry OR


MAT 152: College Algebra/Functions and
 MAT 182: Plane Trigonometry OR


MAT 155: College Algebra/Functions with
 Review and
 MAT 182: Plane Trigonometry OR


MAT 156: College Algebra/Functions with
 Review or
 MAT 182: Plane Trigonometry OR

MAT 187: Precalculus


GBS 221: Business Statistics or
 MAT 206: Elements of Statistics or
 SWU 225: Statistics for Social
 Research/Justice and Government   3 hrs

Humanities, Arts, and Design [HU]
 Humanities, Arts, and Design [HU]  3 hrs

Humanities, Arts, and Design [HU]  3 hrs

Social-Behavioral Science [SB]
 Social-Behavioral Science [SB]  3 hrs

Social-Behavioral Science [SB]  3 hrs

Natural Science [SQ, SG]
 Natural Science [SQ, SG]  4 hrs Select at least one SQ within the Natural Science requirement.

Natural Science [SQ, SG]  4 hrs



Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.


Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Innovation in Society B.S. degree program.

General Education Awareness Areas [C, H, G]

| | | |
|---|---------|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs |  |
| Historical or Global Awareness [H] or [G] | 0-3 hrs |  |

MCCCD Additional Requirements

| | | |
|---|---------|---|
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs |  |
|---|---------|---|

| | | |
|-----------------------------------|---------|---------------------------------|
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |
|-----------------------------------|---------|---------------------------------|

Additional Lower Division Requirements

| | | |
|-------------------------|----------|--|
| Technical Electives | 0-9 hrs | Select 3 courses that transfer to ASU as any of the following prefixes: AEE, AET, AML, ASM, AST, BIO, BCH, BME, CEE, CHE, CNE, EEE, EET, EGR, FSE, GLG, GPH, IEE, LSE, MAE, MAT, MBB, MEE, MET, MFG, MIC, MSE, PHS, PHY, PLB, OR STP. Courses may simultaneously fulfill any needed AGEC categories. |
| Lower Division Elective | 0-23 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60

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Maricopa Community College District
Integrative Health, BS Pathway
2020-2021

ASU Major: [Integrative Health, BS | College of Nursing and Health Innovation](#)


Pathway Requirements

First Year Composition [FYC]


ENG 101: First-Year Composition or
 ENG 107: First-Year Composition for ESL   3 hrs



ENG 102: First-Year Composition or
 ENG 108: First-Year Composition for ESL   3 hrs

Literacy and Critical Inquiry [L]


COM 225: Public Speaking  3 hrs

Mathematical Studies [MA, CS]

MAT 140: College Mathematics or
 MAT 141: College Mathematics or
 MAT 142: College Mathematics or
 MAT 145: College Mathematics with Review or
 MAT 146: College Mathematics with Review  3-6 hrs Or higher level mathematics course that satisfies [MA]

MAT 206: Elements of Statistics or
 PSY 230: Introduction to Statistics or
 SWU 225: Statistics for Social Research/Justice and Government   3 hrs Highly recommend taking [CS] prior to transfer. If taken at ASU, course must be taken in the first term after transfer. The AA degree requires completion of [CS].


Humanities, Arts, and Design [HU]

HCR 210: Clinical Health Care Ethics  3 hrs

Humanities, Arts, and Design  3 hrs



Social-Behavioral Science [SB]

PSY 101: Introduction to Psychology   3 hrs

CFS 205: Human Development or
 PSY 240: Developmental Psychology  3 hrs


Natural Science [SQ, SG]


BIO 205: Microbiology   4 hrs

CHM 130: Fundamental Chemistry and
 CHM 130LL: Fundamental Chemistry Lab
 OR   4 hrs

CHM 130AA: Fundamental Chemistry with
 Lab

General Education Awareness Areas [C, H, G]

Cultural Diversity in the U.S. [C]  0 hrs Satisfied by HCR 220.

Historical or Global Awareness [H] or [G]  0 hrs Satisfied by HCR 230.

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.





Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Integrative Health, BS degree program.

MCCCD Additional Requirements

| | | |
|---|--|---------------------------------|
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0 hrs  | Satisfied by COM 225. |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|--|-------------------------------------|
| BIO 201: Human Anatomy and Physiology | 4 hrs  | |
| BIO 202: Human Anatomy and Physiology | 4 hrs  | |
| FON 241: Principles of Human Nutrition OR FON 241: Principles of Human Nutrition and FON 241LL: Principles of Human Nutrition Laboratory | 3-4 hrs | |
| HCR 220: Introduction to Nursing and Health Care Systems | 3 hrs | |
| HCR 230: Culture and Health | 3 hrs | |
| HCR 240: Human Pathophysiology OR HCR 240AA: Human Pathophysiology I and HCR 240AB: Human Pathophysiology II | 4 hrs | |
| MGT 246: Principles of Project Management or TQM 240: Project Management In Quality Orgs | 3 hrs  | |
| SOC 101: Introduction to Sociology | 3 hrs  | |
| SWU 250: Mindfulness for Stress Management | 0-3 hrs | Course can be taken after transfer. |

Total Required Credits: 62

Pathway Agreement

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Maricopa Community College District Integrative Social Science, BS Pathway 2020-2021

ASU Major: [Integrative Social Science, BS](#) | College of Integrative Sciences and Arts

Pathway Requirements

First Year Composition [FYC]

ENG 101: First-Year Composition



3 hrs

ENG 102: First-Year Composition



3 hrs

Literacy and Critical Inquiry [L]

Literacy and Critical Inquiry [L]



3 hrs

Mathematical Studies [MA, CS]

MAT 140: College Mathematics or
MAT 141: College Mathematics or
MAT 142: College Mathematics or
MAT 145: College Mathematics with Review
or
MAT 146: College Mathematics with Review
or
Higher level course that meets MA
requirement

3-6 hrs



Computer/Statistics/Quantitative Applications
[CS]



3 hrs

Humanities, Arts, and Design [HU]

Humanities, Arts, and Design [HU]



3 hrs

Humanities, Arts, and Design [HU]



3 hrs

Social-Behavioral Science [SB]

Social-Behavioral Science [SB]



3 hrs

Social-Behavioral Science [SB]



3 hrs

Natural Science [SQ, SG]

Natural Science [SQ]



4 hrs

Select at least one SQ within the Natural
Science requirement.

Natural Science [SG]



4 hrs

General Education Awareness Areas [C, H, G]

Cultural Diversity in the U.S. [C]



0-3 hrs

Historical or Global Awareness [H] or [G]



0-3 hrs

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.


Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Integrative Social Science, BS degree program.

Up to a maximum total number of 75 credits may be transferred to ASU for students on this MAPP.

MCCCD Additional Requirements

CRE 101: College Critical Reading 0-3 hrs Complete CRE 101 or equivalent.

COM 100: Introduction to Human Communication OR 0-3 hrs

COM 110: Interpersonal Communication OR
COM 225: Public Speaking OR
COM 230: Small Group Communication

Additional Lower Division Requirements

Lower Division Elective 13-25 hrs Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements.

Total Required Credits: 60

Pathway Agreement

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Maricopa Community College District Interdisciplinary Arts and Performance, BA Pathway 2020-2021


ASU Major: [Interdisciplinary Arts and Performance, BA | New College of Interdisciplinary Arts and Sciences](#)


Pathway Requirements


First Year Composition [FYC]
ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL   3 hrs


ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL   3 hrs


Literacy and Critical Inquiry [L]
Literacy and Critical Inquiry  3 hrs


Mathematical Studies [MA, CS]
MAT 140: College Mathematics or
MAT 141: College Mathematics or
MAT 142: College Mathematics or
MAT 145: College Mathematics with Review
or
MAT 146: College Mathematics with Review
or
Higher level course that meets MA
requirement  3-6 hrs


Computer/Statistics/Quantitative Applications  3 hrs


Humanities, Arts, and Design [HU]
Related Area Courses  6 hrs Complete two courses that transfer to ASU as an HU in any of the following prefixes: ART, ARH, DAN, DAH, MUP, MUE, THE, and THP.


Social-Behavioral Science [SB]
Social-Behavioral Science  3 hrs

Social-Behavioral Science  3 hrs

Natural Science [SQ, SG]
Natural Science  4 hrs Natural Science Requirement: Complete at least one SQ.

Natural Science  4 hrs

General Education Awareness Areas [C, H, G]
Cultural Diversity in the U.S. [C]  0-3 hrs

Historical or Global Awareness [H] or [G]  0-3 hrs

MCCCD Additional Requirements


Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Interdisciplinary Arts and Performances B.A. degree program.

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information: <https://transfer.asu.edu/credits>

| | | |
|---|----------|--|
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs |  |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |
| Additional Lower Division Requirements | | |
| THE 282AC: Service-Learning Experience in Theatre or THE 282AA: Service-Learning Experience in Theatre | 3 hrs | Fulfills ASU's IAP Lower Division Elective. If the 1-credit version is taken, it must be repeated for a total of 3 credits to meet the requirement. |
| THF 219: Advanced Acting for the Camera | 0-3 hrs | Fulfills ASU's IAP Lower Division Elective. Can be taken after transfer. |
| Lower Division Elective | 0-22 hrs | Within these elective credits, the New College of Interdisciplinary Arts and Sciences' Languages and Cultures Requirement may be fulfilled by completing one of the following options before transferring to ASU: Non-English language course at the intermediate level (202 or equivalent), including American Sign Language IV OR two (2) semesters of a current computer language (CSC110 and [CSC200 or CSC205]). Alternatively, students can meet ASU's Languages and Cultures Requirement after transferring by completing an additional 6 credits of upper-division Global or Cultural courses once at ASU. |

Total Required Credits: 60

Pathway Agreement



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Maricopa Community College District
Interdisciplinary Arts and Sciences, BA Pathway
2020-2021


ASU Major: [Interdisciplinary Arts and Sciences, BA | New College of Interdisciplinary Arts and Sciences](#)


Pathway Requirements


First Year Composition [FYC]
 ENG 101: First-Year Composition or
 ENG 107: First-Year Composition for ESL   3 hrs

ENG 102: First-Year Composition or
 ENG 108: First-Year Composition for ESL   3 hrs


Literacy and Critical Inquiry [L]
 Literacy and Critical Inquiry [L]  3 hrs


Mathematical Studies [MA, CS]
 MAT 140: College Mathematics or
 MAT 141: College Mathematics or
 MAT 142: College Mathematics or
 MAT 145: College Mathematics with Review
 or
 MAT 146: College Mathematics with Review  3-6 hrs


Computer/Statistics/Quantitative Applications
 [CS]  3 hrs


Humanities, Arts, and Design [HU]
 Humanities, Arts, and Design [HU]  3 hrs


Humanities, Arts, and Design [HU]  3 hrs

Social-Behavioral Science [SB]
 Social-Behavioral Science [SB]  3 hrs

Social-Behavioral Science [SB]  3 hrs

Natural Science [SQ, SG]
 Natural Science [SQ, SG]  4 hrs Select at least one SQ within the Natural Science requirement.

Natural Science [SQ, SG]  4 hrs

General Education Awareness Areas [C, H, G]
 Cultural Diversity in the U.S. [C]  0-3 hrs

Historical or Global Awareness [H] or [G]  0-3 hrs

MCCCD Additional Requirements

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Interdisciplinary Arts and Sciences B.A. degree program.

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information: <https://transfer.asu.edu/credits>

COM 100: Introduction to Human Communication or
COM 110: Interpersonal Communication or
COM 225: Public Speaking or
COM 230: Small Group Communication

0-3 hrs


CRE 101: College Critical Reading 0-3 hrs Complete CRE 101 or equivalent.

Additional Lower Division Requirements
Lower Division Elective

0-25 hrs

Within these elective credits, the New College of Interdisciplinary Arts and Sciences? Languages and Cultures Requirement may be fulfilled by completing one of the following options before transferring to ASU: Non-English language course at the intermediate level (202 or equivalent), including American Sign Language IV OR two (2) semesters of a current computer language (CSC110 and [CSC200 or CSC205]). Alternatively, students can meet ASU's Languages and Cultures Requirement after transferring by completing an additional 6 credits of upper-division Global or Cultural courses once at ASU.

Total Required Credits: 60



Pathway Agreement

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**Maricopa Community College District
Interdisciplinary Studies, BA Pathway
2020-2021**

ASU Major: [Interdisciplinary Studies, BA | College of Integrative Sciences and Arts](#)

Pathway Requirements

| | | |
|---|---|--|
| MCCCD Additional Requirements COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | | |
| | 0-3 hrs  | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |
| Additional Lower Division Requirements Maricopa AGEC | | |
| | 35 hrs  | Complete courses to complete the Maricopa Arizona General Education Curriculum (AGEC) based on your Associate's degree. A completed AGECE satisfies lower division general studies and first year composition. |
| Lower Division Concentration Courses | 0-12 hrs | Students should refer to the BIS Concentration Checksheet for their two subject areas to determine what if any courses fulfill their subject area requirements and Associate's degree requirements. |
| Lower Division Elective | 0-25 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Students must complete the MAPP and all special requirements, must have the Arizona General Education Curriculum (AGEC-A, AGECE-S, or AGECE-B) certified on their transcript and must have their Associate Degree (AA, AB, AS, AAEE, or AFA) completed and noted on their transcripts. Students satisfying these criteria meet ASU major map requirements and are guaranteed admission to the Interdisciplinary Studies degree program.

The Bachelor of Interdisciplinary Studies allows students to take an active role in designing their own major by selecting two subject areas. Students should follow this link: <https://cls.asu.edu/interdisciplinary-studies-t> their two subject areas of interest. Some combinations are not permissible; contact a CISA Academic Advisor (<https://cisa.asu.edu/advising>) for additional information.


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**Maricopa Community College District
Interdisciplinary Studies (Organizational Studies), BA Pathway
2020-2021**

ASU Major: [Interdisciplinary Studies \(Organizational Studies\), BA | College of Integrative Sciences and Arts](#)

Pathway Requirements

| | |
|---|---|
| MCCCD Additional Requirements | |
| COM 100: Introduction to Human Communication OR | 0-3 hrs  |
| COM 110: Interpersonal Communication OR | |
| COM 225: Public Speaking OR | |
| COM 230: Small Group Communication | |
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs |

| | |
|--|--|
| Additional Lower Division Requirements | |
| Maricopa AGECE | 35 hrs  Complete courses to complete the Maricopa Arizona General Education Curriculum (AGECE) based on your Associate's degree. A completed AGECE satisfies lower division general studies and first year composition. |
| Lower Division Elective | 0-40 hrs Lower division electives may be taken to complete associate degree requirements. Up to a maximum total number of 75 credits may be transferred to ASU for students on this pathway. |

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Students must complete the MAPP and all special requirements, must have the Arizona General Education Curriculum (AGECE) certified on their transcript and must have their Associate Degree (AA, AB, AS, AAEE, or AFA) completed and noted on their transcripts. Students satisfying these criteria meet ASU major map requirements and are guaranteed admission to the Interdisciplinary Studies (Organizational Studies) degree program.

Total Required Credits: 75





Pathway Agreement


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Maricopa Community College District
International Letters and Cultures (Classical Civilization), BA Pathway
2020-2021


ASU Major: [International Letters and Cultures \(Classical Civilization\), BA](#) | College of Liberal Arts and Sciences


Pathway Requirements


| | |
|--|---|
| First Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL |   3 hrs |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL |   3 hrs |


| | |
|---|--|
| Literacy and Critical Inquiry [L] Literacy and Critical Inquiry [L] |  3 hrs |
|---|--|


| | |
|---|---|
| Mathematical Studies [MA, CS] MAT 140: College Mathematics or MAT 141: College Mathematics or MAT 142: College Mathematics or MAT 145: College Mathematics with Review or MAT 146: College Mathematics with Review |  3-6 hrs |
|---|---|


| | |
|---|---|
| Computer/Statistics/Quantitative Applications [CS] |  3 hrs |
|---|---|

| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] SLC 201: Introduction to Linguistics or ENG 213: Introduction to the Study of Language |  3 hrs | Three credit hours of Humanities and Fine Arts or Social and Behavioral Sciences may be satisfied by Maricopa ENG 213 or SLC 201. SLC 201 is preferred. |
|---|---|---|


| | |
|--|---|
| Humanities, Arts, and Design [HU] |  3 hrs |
|--|---|


| | | |
|---|---|---|
| Social-Behavioral Science [SB] Social-Behavioral Science [SB] |  3 hrs | ENG 213 or SLC 201 may be used to satisfy 3 credits of the [SB] AGEC requirement instead of [HU]. |
|---|---|---|

| | |
|---------------------------------------|---|
| Social-Behavioral Science [SB] |  3 hrs |
|---------------------------------------|---|

| | | |
|---|---|---|
| Natural Science [SQ, SG] Natural Science [SQ, SG] |  4 hrs | At least one lab science must be an SQ. |
|---|---|---|

| | |
|---------------------------------|---|
| Natural Science [SQ, SG] |  4 hrs |
|---------------------------------|---|

| | |
|--|---|
| General Education Awareness Areas [C, H, G] Cultural Diversity in the U.S. [C] |  0-3 hrs |
|--|---|

| | |
|---|---|
| Historical or Global Awareness [H] or [G] |  0-3 hrs |
|---|---|

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the International Letters and Cultures (Classical Civilization) B.A., degree program.

COM 100: Introduction to Human Communication or
 COM 110: Interpersonal Communication or
 COM 225: Public Speaking or
 COM 230: Small Group Communication



0-3 hrs

CRE 101: College Critical Reading 0-3 hrs Complete CRE 101 or equivalent.

Additional Lower Division Requirements

Lower Division Second Language: Requirement satisfied through the following: Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. 0-16 hrs Second Language Requirement: Select 101, 102, 201, 202 as needed to reach 4th semester proficiency.

Lower Division Elective 0-25 hrs Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements.

Total Required Credits: 60





Pathway Agreement


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Maricopa Community College District
International Letters and Cultures (Classics), BA Pathway
2020-2021


ASU Major: [International Letters and Cultures \(Classics\), BA | College of Liberal Arts and Sciences](#)



Pathway Requirements



| | |
|--|---|
| First Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL |   3 hrs |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL |   3 hrs |



| | |
|---|--|
| Literacy and Critical Inquiry [L] Literacy and Critical Inquiry [L] |  3 hrs |
|---|--|



| | |
|---|---|
| Mathematical Studies [MA, CS] MAT 140: College Mathematics or MAT 141: College Mathematics or MAT 142: College Mathematics or MAT 145: College Mathematics with Review or MAT 146: College Mathematics with Review |  3-6 hrs |
|---|---|

| | |
|---|---|
| Computer/Statistics/Quantitative Applications [CS] |  3 hrs |
|---|---|

| | | |
|---|---|--|
| Humanities, Arts, and Design [HU] Humanities, Arts, and Design [HU] |  3 hrs | SLC 201 may be used to satisfy 3 credits of either Humanities, Fine Arts, and Design (HU) or Social-Behavioral Science (SB). If it is used for SB, then an HU AGEC course must be taken. |
| Humanities, Arts, and Design [HU] |  3 hrs | |

| | | |
|--|---|---|
| Social-Behavioral Science [SB] ENG 213: Introduction to the Study of Language or SLC 201: Introduction to Linguistics |  3 hrs | SLC 201 or ENG 213 can be used to satisfy 3 credits of either Humanities, Arts, and Design [HU] OR Social-Behavioral Sciences [SB]. |
| Social-Behavioral Science [SB] |  3 hrs | |

| | | |
|---|---|---|
| Natural Science [SQ, SG] Natural Science [SQ, SG] |  4 hrs | At least one lab science must be an SQ. |
| Natural Science [SQ, SG] |  4 hrs | At least one lab science must be an SQ. |


| | |
|--|---|
| General Education Awareness Areas [C, H, G] Cultural Diversity in the U.S. [C] |  0-3 hrs |
| Historical or Global Awareness [H] or [G] |  0-3 hrs |





Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the International Letters and Cultures (Classics)-Latin B.A., degree program.

| | | |
|---|--|---------------------------------|
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs  | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

| | | |
|---|--|--|
| Additional Lower Division Requirements | | |
| LAT 101: Elementary Latin I | 4 hrs  | |
| LAT 102: Elementary Latin II | 4 hrs  | |
| LAT 201: Intermediate Latin I | 0-4 hrs  | LAT 201 may satisfy the Humanities, Fine Arts, and Design (HU) requirement or may be taken after transfer to ASU |
| LAT 202: Intermediate Latin II | 0-4 hrs  | LAT 202 may satisfy the Humanities, Fine Arts, and Design (HU) requirement or may be taken after transfer to ASU |
| Lower Division Elective | 0-17 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60

Pathway Agreement



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Maricopa Community College District
International Trade, BS Pathway
2020-2021


ASU Major: [International Trade, BS | Thunderbird School of Global Management](#)


Pathway Requirements


First Year Composition [FYC]
 ENG 101: First-Year Composition or
 ENG 107: First-Year Composition for ESL   3 hrs


ENG 102: First-Year Composition or
 ENG 108: First-Year Composition for ESL   3 hrs

Literacy and Critical Inquiry [L]
 COM 225: Public Speaking  3 hrs

Mathematical Studies [MA, CS]
 MAT 212: Brief Calculus or
 MAT 213: Brief Calculus  3-4 hrs


GBS 221: Business Statistics or
 MAT 206: Elements of Statistics or
 SWU 225: Statistics for Social
 Research/Justice and Government  3 hrs


Humanities, Arts, and Design [HU]
 Humanities, Arts, and Design [HU]  3 hrs


Humanities, Arts, and Design [HU]  3 hrs


Social-Behavioral Science [SB]
 ECN 211: Macroeconomic Principles   3 hrs

ECN 212: Microeconomic Principles   3 hrs

Natural Science [SQ, SG]
 Natural Science [SQ, SG]  4 hrs Select at least one SQ course within the Natural Science requirement.

Natural Science [SQ, SG]  4 hrs

General Education Awareness Areas [C, H, G]
 Cultural Diversity in the U.S. [C]  0-3 hrs

Historical or Global Awareness [H] or [G]  0-3 hrs

MCCCD Additional Requirements

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the International Trade, BS degree program.

While the International Trade, BS MAPP is listed here as an Associate in Arts, students have the option to pursue an ABUS-GR or ABUS-SR degree. The additional coursework for this option is listed in the track at the bottom of the MAPP. Selecting this option will limit the number of electives available compared to the Associate in Arts because the additional ABUS requirements are taken in their place.

COM 100: Introduction to Human Communication or
 COM 110: Interpersonal Communication I and
 COM 225: Public Speaking or
 COM 230: Small Group Communication



0 hrs Satisfied by COM 225.

CRE 101: College Critical Reading

0-3 hrs

Complete CRE 101 or equivalent.

Additional Lower Division Requirements

ACC 111: Accounting Principles I and
 ACC 230: Uses of Accounting Information I and
 ACC 240: Uses of Accounting Information II OR



0-9 hrs ASU's TGM 200 may be completed in the first term after transfer to meet this requirement.

ACC 111: Accounting Principles I and
 ACC 112: Accounting Principles II and
 ACC 212: Managerial Accounting OR

ACC 211: Financial Accounting and
 ACC 212: Managerial Accounting

MAT 217: Mathematical Analysis for
 Business or
 MAT 218: Mathematical Analysis for
 Business

3-4 hrs

SUS 110: Sustainable World

3 hrs

ABUS Requirements

0 hrs

While the International Trade, BS MAAPP is listed here as an Associate in Arts, students have the option to pursue an ABUS-GR or ABUS-SR degree. This track requires students to use Lower Division Electives to complete all of the listed requirements before transferring to ASU. It is recommended that students discuss this option with their advisor in order to best plan the elective credits in order to not exceed the maximum transferable credit range (64). Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements.

Lower Division Elective

0-19 hrs

Total Required Credits: 60

Track/Groups

ABUS Requirements

ABUS Requirements

GBS 205: Legal, Ethical, And Regulatory Issues in Business AND

Business Electives or Programming I & II AND

ACC 111: Accounting Principles I and
 ACC 230: Uses of Accounting Information I and
 ACC 240: Uses of Accounting Information II OR

ACC 111: Accounting Principles I or
 ACC 112: Accounting Principles II and
 ACC 212: Managerial Accounting OR

ACC 211: Financial Accounting and
 ACC 212: Managerial Accounting

Pathway Agreement



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Maricopa Community College District
Italian, BA Pathway
2020-2021

ASU Major: **Italian, BA** | College of Liberal Arts and Sciences


Pathway Requirements

First Year Composition [FYC]


ENG 101: First-Year Composition or
 ENG 107: First-Year Composition for ESL   3 hrs


ENG 102: First-Year Composition or
 ENG 108: First-Year Composition for ESL   3 hrs

Literacy and Critical Inquiry [L]


Literacy and Critical Inquiry [L]  3 hrs

Mathematical Studies [MA, CS]

MAT 140: College Mathematics or
 MAT 141: College Mathematics or
 MAT 142: College Mathematics or
 MAT 145: College Mathematics with Review
 or
 MAT 146: College Mathematics with Review  3-6 hrs


Computer/Statistics/Quantitative Applications
 [CS]  3 hrs


Humanities, Arts, and Design [HU]

SLC 201: Introduction to Linguistics or
 ENG 213: Introduction to the Study of Language  3 hrs Three credit hours of Humanities and Fine Arts or Social and Behavioral Sciences may be satisfied by Maricopa ENG 213 or SLC 201. SLC 201 is preferred.


Humanities, Arts, and Design [HU]  3 hrs


Social-Behavioral Science [SB]

Social-Behavioral Science [SB]  3 hrs SLC 201 or ENG 213 may be used to satisfy 3 credits of the [SB] AGEC requirement instead of [HU].


Social-Behavioral Science [SB]  3 hrs


Natural Science [SQ, SG]

Natural Science [SQ, SG]  4 hrs Select at least one SQ within the Natural Science requirement.

Natural Science [SQ, SG]  4 hrs

General Education Awareness Areas [C, H, G]

Cultural Diversity in the U.S. [C]  0-3 hrs

Historical or Global Awareness [H] or [G]  0 hrs Three credit hours [G] met by ITA 201.






Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Italian B.A. degree program.

Special Requirements: 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of "C" or better. 2.33 cumulative GPA required in all Sun Devil tracking courses: ITA 101/101AA, ITA 102/102AA, ITA 201, ITA 202.

| | | |
|---|--|--|
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs  | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |
| Additional Lower Division Requirements | | |
| ITA 101: Elementary Italian I or ITA 101AA: Elementary Italian I | 4 hrs  | Demonstrated language proficiency at or above the 202 level is required for enrollment in upper division major requirements courses. |
| ITA 102: Elementary Italian II or ITA 102AA: Elementary Italian II | 4 hrs  | |
| ITA 201: Intermediate Italian I | 4 hrs  | |
| ITA 202: Intermediate Italian II | 4 hrs  | |
| Lower Division Elective | 0-9 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60



Pathway Agreement



[Print](#)

Maricopa Community College District
Journalism and Mass Communication, BA Pathway
2020-2021


ASU Major: [Journalism and Mass Communication, BA | Walter Cronkite School of Journalism & Mass Comm](#)



Pathway Requirements

First Year Composition [FYC]
 ENG 101: First-Year Composition or
 ENG 107: First-Year Composition for ESL   3 hrs



ENG 102: First-Year Composition or
 ENG 108: First-Year Composition for ESL   3 hrs


Literacy and Critical Inquiry [L]
 JRN 201: News Writing   3 hrs



Mathematical Studies [MA, CS]
 MAT 140: College Mathematics or
 MAT 141: College Mathematics or
 MAT 142: College Mathematics or
 MAT 145: College Mathematics with Review
 or
 MAT 146: College Mathematics with Review
 or
 Higher level course that meets MA
 requirement  3-6 hrs


GBS 221: Business Statistics or
 MAT 206: Elements of Statistics or
 SWU 225: Statistics for Social Research/Justice and Government or
 PSY 230: Introduction to Statistics   3 hrs



SWU 225 offered only at Mesa Community College.

Humanities, Arts, and Design [HU]
 PHI 101: Introduction to Philosophy or
 PHI 102: Introduction to Philosophy or
 PHI 103: Introduction to Logic or
 PHI 105: Introduction to Ethics   3 hrs


Humanities, Arts, and Design [HU]  3 hrs

Social-Behavioral Science [SB]
 ECN 212: Microeconomic Principles or
 ECN 211: Macroeconomic Principles   3 hrs

MCO 120: Media and Society  3 hrs

Natural Science [SQ, SG]
 Natural Science [SQ, SG]   4 hrs

Select at least one SQ course within the Natural Science Requirement.

Natural Science [SQ, SG]  4 hrs

General Education Awareness Areas [C, H, G]



Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.


Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Journalism & Mass Communication B.A. degree program.

Special Requirements: Students are required to have at least a 3.0 GPA in all transferable hours of college credit earned after high school. All courses must be completed with a grade of "C" or better.

| | | |
|---|---------|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs |  |
| Historical or Global Awareness [H] or [G] | 0-3 hrs |  |


MCCCD Additional Requirements


| | | |
|---|---------|---|
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs |  |
|---|---------|---|

| | | |
|-----------------------------------|---------|---------------------------------|
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |
|-----------------------------------|---------|---------------------------------|

Additional Lower Division Requirements

| | | |
|---|-------|--|
| HIS 103: United States History to 1865 or HIS 108: United States History 1945 to or HIS 203: African-American History to 1865 | 3 hrs | |
|---|-------|--|

| | | |
|---------------------------------------|-------|---|
| POS 110: American National Government | 3 hrs |  |
|---------------------------------------|-------|---|

| | | |
|--|-------|---|
| PSY 101: Introduction to Psychology or SOC 101: Introduction to Sociology | 3 hrs |  |
|--|-------|---|

| | | |
|---------------------|-------|---|
| Related Area Course | 3 hrs | Related Course: Select a course that transfers to ASU with one of the following prefixes: ASB, ASM, ACC, COM, ECN, ENG, FAS, FIN, GCU, GPH, HST, JUS, LES, MGT, MKT, REA, REL, POS, SOC, THE, THP, WST. |
|---------------------|-------|---|

| | | |
|---|----------|--|
| Second Language: Requirement satisfied through the following: Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 0-16 hrs | |
|---|----------|--|

| | | |
|-------------------------|----------|--|
| Lower Division Elective | 0-13 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |
|-------------------------|----------|--|

Total Required Credits: 60





Pathway Agreement


[Print](#)



Maricopa Community College District
Justice Studies, BA Pathway
2020-2021




ASU Major: [Justice Studies, BA](#) | [College of Liberal Arts and Sciences](#)



Pathway Requirements



| | |
|--|---|
| First Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL |   3 hrs |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL |   3 hrs |

| | |
|---|--|
| Literacy and Critical Inquiry [L] ENG 215: Strategies of Academic Writin or ENG 216: PERSUASIVE WRITING ON PUBLIC or ENG 217: PERSONAL & EXPLORATORY WRITIN |  3 hrs |
|---|--|

| | |
|---|---|
| Mathematical Studies [MA, CS] MAT 140: College Mathematics or MAT 141: College Mathematics or MAT 142: College Mathematics or MAT 145: College Mathematics with Review or MAT 146: College Mathematics with Review or Higher level course that meets MA requirement |  3-6 hrs |
| Lower Division Computer/Statistics/Quantitative Applications [CS] |  3 hrs |

| | | |
|---|---|--|
| Humanities, Arts, and Design [HU] Humanities, Arts, and Design [HU] |   3 hrs | PHI 101 or PHI 105 are suggested to satisfy 3 credits of Humanities, Fine Arts, and Design (HU). |
| Humanities, Arts, and Design [HU] |  3 hrs | Recommend AJS 123 |

| | |
|--|---|
| Social-Behavioral Science [SB] AJS 101: Introduction To Criminal Just or AJS 200: CURRENT ISSUES IN CRIMINAL JUSTICE |  3 hrs |
| Social-Behavioral Science |  3 hrs |

| | | |
|---|---|---|
| Natural Science [SQ, SG] Natural Science [SQ, SG] |  4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] |  4 hrs | Select at least one SQ within the Natural Science requirement. |



General Education Awareness Areas [C, H, G]


Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Justice Studies B.A. degree program.

| | | |
|---|---------|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs |  |
| Historical or Global Awareness [H] or [G] | 0-3 hrs |  |

| | | |
|--|---------|---|
| MCCCD Additional Requirements COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs |  |
|--|---------|---|

| | | |
|-----------------------------------|---------|---------------------------------|
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |
|-----------------------------------|---------|---------------------------------|

| | | |
|--|----------|--|
| Additional Lower Division Requirements Lower Division Second Language: Requirement satisfied through the following: Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 0-16 hrs | Second Language: Select 101, 102, 201, 202 as needed to reach 4th semester proficiency. |
| Lower Division Elective | 0-25 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60





Pathway Agreement


Print



Maricopa Community College District
Justice Studies, BS Pathway
2020-2021




ASU Major: [Justice Studies, BS](#) | [College of Liberal Arts and Sciences](#)



Pathway Requirements



| | |
|--|---|
| First Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL |   3 hrs |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL |   3 hrs |

| | | |
|---|--|---|
| Literacy and Critical Inquiry [L] ENG 215: Strategies of Academic Writin or ENG 216: PERSUASIVE WRITING ON PUBLIC or ENG 217: PERSONAL & EXPLORATORY WRITIN |  3 hrs | This requirement may be satisfied after transfer to ASU, but a course that satisfies the Literacy and Critical Inquiry requirement will need to be taken instead. |
|---|--|---|

| | |
|--|---|
| Mathematical Studies [MA, CS] MAT 140: College Mathematics or MAT 141: College Mathematics or MAT 142: College Mathematics or MAT 145: College Mathematics with Review or MAT 146: College Mathematics with Review or Higher level course that meets MA requirement |  3-6 hrs |
| Computer/Statistics/Quantitative Applications [CS] |  3 hrs |

| | | |
|---|---|--|
| Humanities, Arts, and Design [HU] Humanities, Arts, and Design [HU] |   3 hrs | PHI 101 or PHI 105 are suggested to satisfy 3 credits of Humanities, Fine Arts, and Design (HU). |
| Humanities, Arts, and Design [HU] |  3 hrs | |

| | |
|---|---|
| Social-Behavioral Science [SB] AJS 200: CURRENT ISSUES IN CRIMINAL JUSTICE or AJS 101: Introduction To Criminal Just |  3 hrs |
| Social-Behavioral Science |  3 hrs |

| | | |
|--|---|--|
| Natural Science [SQ, SG] Natural Science |  4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science |  4 hrs | Select at least one SQ within the Natural Science requirement. |

General Education Awareness Areas [C, H, G]

Pathway Notes


Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.


Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Justice Studies B.S. degree program.

Special Requirements: 2.00 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of "C" or better.

Cultural Diversity in the U.S. [C] 0-3 hrs 

Historical or Global Awareness [H] or [G] 0-3 hrs 

MCCCD Additional Requirements
COM 100: Introduction to Human Communication or
COM 110: Interpersonal Communication or
COM 225: Public Speaking or
COM 230: Small Group Communication 0-3 hrs 

CRE 101: College Critical Reading 0-3 hrs Complete CRE 101 or equivalent.

Additional Lower Division Requirements
Lower Division Elective 11-25 hrs Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements.

Total Required Credits: 60

Pathway Agreement

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Maricopa Community College District
Kinesiology, BS Pathway
2020-2021

ASU Major: [Kinesiology, BS | College of Health Solutions](#)

Pathway Requirements

| | |
|--|-------|
| First Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL | 3 hrs |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL | 3 hrs |

| | |
|--|-------|
| Literacy and Critical Inquiry [L] EXS 290: Introduction to Evidence-Based Practice | 3 hrs |
|--|-------|

| | | |
|--|---------|---|
| Mathematical Studies [MA, CS] MAT 187: Precalculus OR MAT 150: College Algebra/Functions and MAT 182: Plane Trigonometry OR MAT 151: College Algebra/Functions and MAT 182: Plane Trigonometry OR MAT 152: College Algebra/Functions and MAT 182: Plane Trigonometry OR MAT 155: College Algebra/Functions with Review and MAT 182: Plane Trigonometry OR MAT 156: College Algebra/Functions with Review and MAT 182: Plane Trigonometry | 5-9 hrs | Each of the courses satisfy the CS requirement. |
| PSY 230: Introduction to Statistics or MAT 206: Elements of Statistics or SWU 225: Statistics for Social Research/Justice and Government | 3 hrs | |

| | |
|--|-------|
| Humanities, Arts, and Design [HU] Humanities, Arts, and Design | 3 hrs |
| Humanities, Arts, and Design | 3 hrs |

| | | |
|--|-------|---|
| Social-Behavioral Science [SB] PSY 101: Introduction to Psychology | 3 hrs | |
| Social-Behavioral Science [SB] | 3 hrs | Per Maricopa degree requirements, HES 100 is recommended. |

Natural Science [SQ, SG]





Pathway Notes



Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.


Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Kinesiology B.S. degree program.






Special Requirements: 3.0 GPA in coursework used to satisfy MAPP requirements. EXS 101 must be completed with a grade of "B" or better. All other courses must be completed with a grade of "C" or better.

| | | |
|---|---------|---|
| BIO 202: Human Anatomy and Physiology | 4 hrs |   |
| CHM 150: General Chemistry I and CHM 151LL: General Chemistry I Laboratory OR | 4-5 hrs |   |
| CHM 150AA: General Chemistry I OR | | |
| CHM 151: General Chemistry I or CHM 151LL: General Chemistry I Laboratory OR | | |
| CHM 151AA: General Chemistry I | | |

| | | |
|---|---------|---|
| General Education Awareness Areas [C, H, G] Cultural Diversity in the U.S. [C] | 0-3 hrs |  |
| Historical or Global Awareness [H] or [G] | 0-3 hrs |  |

| | | |
|---|---------|---|
| MCCCD Additional Requirements COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs |  |
|---|---------|---|

CRE 101: College Critical Reading 0-3 hrs Complete CRE 101 or equivalent.

| | | |
|---|-------|---|
| Additional Lower Division Requirements | | |
| BIO 181: General Biology (Majors) I | 4 hrs |  |
| BIO 182: General Biology (Majors) II | 4 hrs |  |
| BIO 201: Human Anatomy and Physiology | 4 hrs |  |
| CHM 152: General Chemistry II and CHM 152LL: General Chemistry II Laboratory OR | 4 hrs |  |
| CHM 152AA: General Chemistry II | | |
| EXS 101: Introduction to Exercise Science, Kinesiology | 3 hrs | |
| PHY 111: General Physics I | 4 hrs |  |

Total Required Credits: 60

Pathway Agreement



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Maricopa Community College District
Latin American Studies, BA Pathway
2020-2021

ASU Major: [Latin American Studies, BA | New College of Interdisciplinary Arts and Sciences](#)


Pathway Requirements

First Year Composition [FYC]


ENG 101: First-Year Composition or
 ENG 107: First-Year Composition for ESL   3 hrs


ENG 102: First-Year Composition or
 ENG 108: First-Year Composition for ESL   3 hrs

Literacy and Critical Inquiry [L]

Literacy and Critical Inquiry [L]  3 hrs

Mathematical Studies [MA, CS]

MAT 140: College Mathematics or
 MAT 141: College Mathematics or
 MAT 142: College Mathematics or
 MAT 145: College Mathematics with Review
 or
 MAT 146: College Mathematics with Review  3-6 hrs


Computer/Statistics/Quantitative Applications
 [CS]  3 hrs


Humanities, Arts, and Design [HU]

Humanities, Arts, and Design [HU]  3 hrs


Humanities, Arts, and Design [HU]  3 hrs


Social-Behavioral Science [SB]

Social-Behavioral Science [SB]  3 hrs


Social-Behavioral Science [SB]  3 hrs


Natural Science [SQ, SG]

Natural Science [SQ, SG]  4 hrs Select at least one [SQ] within the Natural Science requirement.

Natural Science [SQ, SG]  4 hrs

General Education Awareness Areas [C, H, G]

Cultural Diversity in the U.S. [C]  0-3 hrs

Historical or Global Awareness [H] or [G]  0 hrs Global Awareness [G] requirement satisfied by SPA 201.

Pathway Notes


Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.


Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Latin American Studies B.A. degree program.

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information: <https://transfer.asu.edu/credits>

MCCC Additional Requirements

| | | |
|---|--|---------------------------------|
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs  | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

| | | |
|---|--|--|
| Additional Lower Division Requirements | | |
| SPA 101: Elementary Spanish I or SPA 101AA: Elementary Spanish I or SPA 103: Elementary Spanish for Spanish Speakers I | 4 hrs  | |
| SPA 102: Elementary Spanish II or SPA 102AA: Elementary Spanish II or SPA 104: Elementary Spanish for Spanish Speakers II | 4 hrs  | |
| SPA 201: Intermediate Spanish I | 4 hrs | |
| SPA 202: Intermediate Spanish II | 4 hrs | |
| Lower Division Elective | 6-9 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60



Pathway Agreement

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Maricopa Community College District
Liberal Studies, BA Pathway
2020-2021

ASU Major: [Liberal Studies, BA | College of Integrative Sciences and Arts](#)

Pathway Requirements

| | | |
|--|---|---|
| MCCCD Additional Requirements COM 100: Introduction to Human Communication OR COM 110: Interpersonal Communication OR COM 225: Public Speaking OR COM 230: Small Group Communication | 0-3 hrs  | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |
| Additional Lower Division Requirements Lower Division Elective | 0-40 hrs | Lower division electives may be taken to complete associate degree requirements. Up to a maximum total number of 75 credits may be transferred to ASU for students on this pathway. |
| Maricopa AGECE | 35 hrs  | Complete courses to complete the Maricopa Arizona General Education Curriculum (AGECE) based on your Associate's degree. A completed AGECE satisfies lower division general studies and first year composition. |

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Students must complete the MAPP and all special requirements, must have the Arizona General Education Curriculum (AGECE-A, AGECE-S, or AGECE-B) certified on their transcript and must have their Associate Degree (AA, AB, AS, or AAEE) completed and noted on their transcripts. Students satisfying these criteria meet ASU major map requirements and are guaranteed admission to the Liberal Studies, BLS degree program. The BLS program is available Online and allows students to transfer up to 75 credit hours.

Total Required Credits: 75

Pathway Agreement



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Maricopa Community College District
Management, BS Pathway
2020-2021

ASU Major: **Management, BS | W. P. Carey School of Business**


Pathway Requirements

First Year Composition [FYC]


ENG 101: First-Year Composition or
 ENG 107: First-Year Composition for ESL   3 hrs



ENG 102: First-Year Composition or
 ENG 108: First-Year Composition for ESL   3 hrs

Literacy and Critical Inquiry [L]

Literacy and Critical Inquiry [L]  3 hrs Recommend COM 225

Mathematical Studies [MA, CS]

MAT 212: Brief Calculus or
 MAT 213: Brief Calculus  3-4 hrs



CIS 105: Survey of Computer Information
 Systems   3 hrs



Humanities, Arts, and Design [HU]

Humanities, Arts, and Design  3 hrs


Humanities, Arts, and Design  3 hrs


Social-Behavioral Science [SB]

ECN 211: Macroeconomic Principles   3 hrs


ECN 212: Microeconomic Principles   3 hrs


Natural Science [SQ, SG]

Natural Science [SQ, SG]  4 hrs Select at least one SQ within the Natural Science requirement.

Natural Science [SQ, SG]  4 hrs

General Education Awareness Areas [C, H, G]

Cultural Diversity in the U.S. [C]  0-3 hrs

Historical or Global Awareness [H] or [G]  0-3 hrs

MCCCD Additional Requirements

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements






This degree program requires meeting W. P. Carey Bachelor of Science admission requirements. A 3.0 cumulative transfer GPA as calculated by ASU Admission Services is required. A 3.0 cumulative ASU GPA is also required for students who previously attended ASU.

Students must also meet one of the following:

- 1230 SAT (March 2016 and after) or 1160 SAT (before March 2016), not including writing portion
- 25 ACT composite, not including writing portion
- Top 8% high school class rank
- 3.60 unweighted GPA in high school competency courses (A=4.00)

Completion of the MAPP and all admission requirements satisfies the requirements for the MCCC Associate in Business, General Requirements degree and AGECE-B, meets major map requirements at ASU, and guarantees admission into a W. P. Carey Bachelor of Science degree program.

Only 64 credits are transferable to ASU. For more information:
<https://transfer.asu.edu/credits>.

| | | |
|---|--|---|
| ABUS Business Electives | 0-6 hrs | Select two courses (6 hrs) in consultation with a Maricopa Advisor from the following: CIS 114DE, CIS133DA, CIS 162AD, GBS 151, GBS 233, GBS 220, (GBS 110 OR MGT 251), IBS 101, MGT 253, MKT 271, PAD 100, REA 179, REA 180, or SBU 200. |
| Additional Lower Division Requirements | | |
| ACC 111: Accounting Principles I and ACC 230: Uses of Accounting Information and ACC 240: Uses of Accounting Information OR | 6-9 hrs  | |
| ACC 111: Accounting Principles I and ACC 112: Accounting Principles II and ACC 212: Managerial Accounting OR | | |
| ACC 211: Financial Accounting and ACC 212: Managerial Accounting | | |
| COM 100: Introduction to Human Communication or COM 225: Public Speaking or COM 230: Small Group Communication or COM 259: Communication in Business and Professions | 0-3 hrs  | If COM225 is selected, it may be also be applied to meet Literacy and Critical Inquiry [L]. |
| GBS 205: Legal, Ethical, and Regulatory Issues in Business | 3 hrs | |
| GBS 221: Business Statistics | 3 hrs  | |
| MAT 217: Mathematical Analysis for Business or MAT 218: Mathematical Analysis for Business | 3-4 hrs | |
| PSY Course (SB) | 3 hrs  | MGT 320 (required for this major at ASU) requires a prerequisite of PSY 101 or SOC 101. |
| SOC Course (SB) | 3 hrs  | MGT 320 (required for this major at ASU) requires a prerequisite of PSY 101 or SOC 101. |
| Lower Division Elective | 0-6 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 62





Pathway Agreement


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Maricopa Community College District
Marketing, BS Pathway
2020-2021



ASU Major: **Marketing, BS | W. P. Carey School of Business**



Pathway Requirements



| | | |
|---|-------|---|
| First Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL | 3 hrs |   |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL | 3 hrs |   |



| | | | |
|--|-------|--|--|
| Literacy and Critical Inquiry [L] Literacy and Critical Inquiry [L] | 3 hrs |  | If COM 225 is selected, it may also be applied to meet COM in the Additional Lower Division Requirements. If GBS 233 is selected, it may also be applied as a Business Elective. |
|--|-------|--|--|

| | | |
|--|---------|---|
| Mathematical Studies [MA, CS] MAT 212: Brief Calculus or MAT 213: Brief Calculus | 3-4 hrs |  |
| CIS 105: Survey of Computer Information Systems | 3 hrs |   |

| | | |
|---|-------|---|
| Humanities, Arts, and Design [HU] Humanities, Arts, and Design | 3 hrs |  |
| Humanities, Arts, and Design | 3 hrs |  |

| | | |
|---|-------|---|
| Social-Behavioral Science [SB] ECN 211: Macroeconomic Principles | 3 hrs |  |
| ECN 212: Microeconomic Principles | 3 hrs |  |

| | | | |
|--|-------|---|--|
| Natural Science [SQ, SG] Natural Science [SQ, SG] | 4 hrs |  | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs |  | |

| | | |
|---|---------|---|
| General Education Awareness Areas [C, H, G] Cultural Diversity in the U.S. [C] | 0-3 hrs |  |
| Historical or Global Awareness [H] or [G] | 0-3 hrs |  |

MCCCD Additional Requirements

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

This degree program requires meeting W. P. Carey Bachelor of Science admission requirements. A 3.0 cumulative transfer GPA as calculated by ASU Admission Services is required. A 3.0 cumulative ASU GPA is also required for students who previously attended ASU.






Students must also meet one of the following:

- 1230 SAT (March 2016 and after) or 1160 SAT (before March 2016), not including writing portion
- 25 ACT composite, not including writing portion.
- Top 8% high school class rank
- 3.60 unweighted GPA in high school competency courses (A=4.00)

Completion of the MAPP and all admission requirements satisfies the requirements for the MCCC Associate in Business, General Requirements degree and AGECE-B, meets major map requirements at ASU, and guarantees admission into a W. P. Carey Bachelor of Science degree program.

Only 64 credits are transferable to ASU. For more information:

<https://transfer.asu.edu/credits>.

| | | |
|---|--|---|
| ABUS Business Electives | 0-6 hrs | Select two courses (6 hrs) in consultation with a Maricopa Advisor from the following: CIS 114DE, CIS133DA, CIS 162AD, GBS 151, GBS 233, GBS 220, (GBS 110 OR MGT 251), IBS 101, MGT 253, MKT 271, PAD 100, REA 179, REA 180, or SBU 200. If GBS 233 is selected, it may also be applied to meet Literacy and Critical Inquiry [L]. |
| Additional Lower Division Requirements | | |
| ACC 111: Accounting Principles I and ACC 230: Uses of Accounting Information and ACC 240: Uses of Accounting Information OR | 6-9 hrs  | |
| ACC 111: Accounting Principles I and ACC 112: Accounting Principles II and ACC 212: Managerial Accounting OR | | |
| ACC 211: Financial Accounting and ACC 212: Managerial Accounting | | |
| COM 100: Introduction to Human Communication or COM 225: Public Speaking or COM 230: Small Group Communication or COM 259: Communication in Business and Professions | 0-3 hrs  | If COM 225 is selected, it may be also be applied to meet Literacy and Critical Inquiry [L]. |
| GBS 205: Legal, Ethical, and Regulatory Issues in Business | 3 hrs | |
| GBS 221: Business Statistics | 3 hrs  | |
| MAT 217: Mathematical Analysis for Business or MAT 218: Mathematical Analysis for Business | 3-4 hrs | |
| PSY Course | 3 hrs  | Select a course that transfers to ASU with the PSY prefix and SB designation. Check the Course Equivalency Guide on aztransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| SOC Course | 3 hrs  | Select a course that transfers to ASU with the SOC prefix and SB designation. Check the Course Equivalency Guide on aztransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| Lower Division Elective | 0-6 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 62

Pathway Agreement

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Maricopa Community College District

Marketing (Digital and Integrated Marketing Communications), BS Pathway

2020-2021

ASU Major: Marketing (Digital and Integrated Marketing Communications), BS | W. P. Carey School of Business

Pathway Requirements

First Year Composition [FYC]

ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL



3 hrs

ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL



3 hrs

Literacy and Critical Inquiry [L]

Literacy and Critical Inquiry [L]



3 hrs

If COM225 is selected, it may also be applied to meet COM in the Additional Lower Division Requirements. If GBS233 is selected, it may also be applied as a Business Elective.

Mathematical Studies [MA, CS]

MAT 212: Brief Calculus or
MAT 213: Brief Calculus



3-4 hrs

CIS 105: Survey of Computer Information
Systems



3 hrs

Humanities, Arts, and Design [HU]

Humanities, Arts, and Design [HU]



3 hrs

Humanities, Arts, and Design [HU]



3 hrs

Social-Behavioral Science [SB]

ECN 211: Macroeconomic Principles



3 hrs

ECN 212: Microeconomic Principles



3 hrs

Natural Science [SQ, SG]

Natural Science [SQ, SG]



4 hrs

Select at least one SQ within the Natural Science requirement.

Natural Science [SQ, SG]



4 hrs

General Education Awareness Areas [C, H, G]

Cultural Diversity in the U.S. [C]



0-3 hrs

Historical or Global Awareness [H] or [G]



0-3 hrs

MCCCD Additional Requirements

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

This degree program requires meeting W. P. Carey Bachelor of Science admission requirements. A 3.0 cumulative transfer GPA as calculated by ASU Admission Services is required. A 3.0 cumulative ASU GPA is also required for students who previously attended ASU.






Students must also meet one of the following:

- 1230 SAT (March 2016 and after) or 1160 SAT (before March 2016), not including writing portion
- 25 ACT composite, not including writing portion.
- Top 8% high school class rank
- 3.60 unweighted GPA in high school competency courses (A=4.00)

Completion of the MAPP and all admission requirements satisfies the requirements for the MCCC Associate in Business, General Requirements degree and AGECE-B, meets major map requirements at ASU, and guarantees admission into a W. P. Carey Bachelor of Science degree program.

Only 64 credits are transferable to ASU. For more information:

<https://transfer.asu.edu/credits>.

| | | |
|---|--|---|
| ABUS Business Electives | 0-6 hrs | Select two courses (6 hrs) in consultation with a Maricopa Advisor from the following: CIS 114DE, CIS133DA, CIS 162AD, GBS 151, GBS 233, GBS 220, (GBS 110 OR MGT 251), IBS 101, MGT 253, MKT 271, PAD 100, REA 179, REA 180, or SBU 200. |
| Additional Lower Division Requirements | | |
| ACC 111: Accounting Principles I and ACC 230: Uses of Accounting Information and ACC 240: Uses of Accounting Information OR | 6-9 hrs  | |
| ACC 111: Accounting Principles I and ACC 112: Accounting Principles II and ACC 212: Managerial Accounting OR | | |
| ACC 211: Financial Accounting and ACC 212: Managerial Accounting | | |
| COM 100: Introduction to Human Communication or COM 225: Public Speaking or COM 230: Small Group Communication or COM 259: Communication in Business and Professions | 0-3 hrs  | If COM225 is selected, it may be also be applied to meet Literacy and Critical Inquiry [L]. |
| GBS 205: Legal, Ethical, and Regulatory Issues in Business | 3 hrs | |
| GBS 221: Business Statistics | 3 hrs  | |
| MAT 217: Mathematical Analysis for Business or MAT 218: Mathematical Analysis for Business | 3-4 hrs | |
| PSY Course | 3 hrs  | Select a course that transfers to ASU with the PSY prefix and SB designation. Check the Course Equivalency Guide on aztransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| SOC Course | 3 hrs  | Select a course that transfers to ASU with the SOC prefix and SB designation. Check the Course Equivalency Guide on aztransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| Lower Division Elective | 0-6 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 62





Pathway Agreement


Print




Maricopa Community College District Marketing (Professional Sales), BS Pathway 2020-2021



ASU Major: **Marketing (Professional Sales), BS | W. P. Carey School of Business**





Pathway Requirements



| | |
|---|--|
| First Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL | 3 hrs   |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL | 3 hrs   |



| | | |
|--|---|--|
| Literacy and Critical Inquiry [L] Literacy and Critical Inquiry [L] | 3 hrs  | If COM 225 is selected, it may also be applied to meet COM in the Additional Lower Division Requirements. If GBS 233 is selected, it may also be applied as a Business Elective. |
|--|---|--|

| | |
|--|--|
| Mathematical Studies [MA, CS] MAT 212: Brief Calculus or MAT 213: Brief Calculus | 3-4 hrs  |
| CIS 105: Survey of Computer Information Systems | 3 hrs   |

| | |
|---|--|
| Humanities, Arts, and Design [HU] Humanities, Arts, and Design | 3 hrs  |
| Humanities, Arts, and Design | 3 hrs  |

| | |
|---|--|
| Social-Behavioral Science [SB] ECN 211: Macroeconomic Principles | 3 hrs   |
| ECN 212: Microeconomic Principles | 3 hrs   |

| | | |
|--|--|--|
| Natural Science [SQ, SG] Natural Science [SQ, SG] | 4 hrs  | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs  | |

| | |
|---|--|
| General Education Awareness Areas [C, H, G] Cultural Diversity in the U.S. [C] | 0-3 hrs  |
| Historical or Global Awareness [H] or [G] | 0-3 hrs  |

MCCCD Additional Requirements

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

This degree program requires meeting W. P. Carey Bachelor of Science admission requirements. A 3.0 cumulative transfer GPA as calculated by ASU Admission Services is required. A 3.0 cumulative ASU GPA is also required for students who previously attended ASU.




Students must also meet one of the following:

- 1230 SAT (March 2016 and after) or 1160 SAT (before March 2016), not including writing portion
- 25 ACT composite, not including writing portion
- Top 8% high school class rank
- 3.60 unweighted GPA in high school competency courses (A=4.00)

Completion of the MAPP and all admission requirements satisfies the requirements for the MCCC Associate in Business, General Requirements degree and AGECE-B, meets major map requirements at ASU, and guarantees admission into a W. P. Carey Bachelor of Science degree program.

Only 64 credits are transferable to ASU. For more information:

<https://transfer.asu.edu/credits>.

| | | |
|---|--|---|
| ABUS Business Electives | 0-6 hrs | Select two courses (6 hrs) in consultation with a Maricopa Advisor from the following: CIS 114DE, CIS133DA, CIS 162AD, GBS 151, GBS 233, GBS 220, (GBS 110 OR MGT 251), IBS 101, MGT 253, MKT 271, PAD 100, REA 179, REA 180, or SBU 200. |
| Additional Lower Division Requirements | | |
| ACC 111: Accounting Principles I and ACC 230: Uses of Accounting Information and ACC 240: Uses of Accounting Information OR | 6-9 hrs  | |
| ACC 111: Accounting Principles I and ACC 112: Accounting Principles II and ACC 212: Managerial Accounting OR | | |
| ACC 211: Financial Accounting and ACC 212: Managerial Accounting | | |
| MAT 217: Mathematical Analysis for Business or MAT 218: Mathematical Analysis for Business | 3-4 hrs | |
| GBS 205: Legal, Ethical, and Regulatory Issues in Business | 3 hrs | |
| GBS 221: Business Statistics | 3 hrs  | |
| COM 100: Introduction to Human Communication or COM 225: Public Speaking or COM 230: Small Group Communication or COM 259: Communication in Business and Professions | 0-3 hrs  | If COM 225 is selected, it may be also be applied to meet Literacy and Critical Inquiry [L]. |
| PSY Course | 3 hrs | Select a course that transfers to ASU with the PSY prefix and SB designation. Check the Course Equivalency Guide on aztransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| SOC Course | 3 hrs | Select a course that transfers to ASU with the SOC prefix and SB designation. Check the Course Equivalency Guide on aztransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| Lower Division Elective | 0-6 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 62

Pathway Agreement



[Print](#)


Maricopa Community College District
Mass Communication and Media Studies, BA Pathway
2020-2021


ASU Major: [Mass Communication and Media Studies, BA | Walter Cronkite School of Journalism & Mass Comm](#)


Pathway Requirements


First Year Composition [FYC]
 ENG 101: First-Year Composition or
 ENG 107: First-Year Composition for ESL 3 hrs
 


ENG 102: First-Year Composition or
 ENG 108: First-Year Composition for ESL 3 hrs
 


Literacy and Critical Inquiry [L]
 Literacy and Critical Inquiry 3 hrs


Mathematical Studies [MA, CS]
 MAT 140: College Mathematics or
 MAT 141: College Mathematics or
 MAT 142: College Mathematics or
 MAT 145: College Mathematics with Review
 or
 MAT 146: College Mathematics with Review
 or
 Higher level course that meets MA
 requirement 3-6 hrs



Computer/Statistics/Quantitative Applications 3 hrs



Humanities, Arts, and Design [HU]
 Humanities, Arts, and Design 3 hrs



Humanities, Arts, and Design 3 hrs



Social-Behavioral Science [SB]
 MCO 120: Media and Society 3 hrs


Social-Behavioral Science 3 hrs


Natural Science [SQ, SG]
 Natural Science 4 hrs  Natural Science Requirement: complete at least one SQ.

Natural Science [SQ, SG] 4 hrs  Natural Science Requirement: complete at least one SQ.

General Education Awareness Areas [C, H, G]
 Cultural Diversity in the U.S. [C] 0-3 hrs


Historical or Global Awareness [H] or [G] 0-3 hrs


Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Mass Communication and Media Studies B.A. degree program.

MCCCD Additional Requirements

COM 100: Introduction to Human Communication or
COM 110: Interpersonal Communication or
COM 225: Public Speaking or
COM 230: Small Group Communication



0-3 hrs

CRE 101: College Critical Reading 0-3 hrs Complete CRE 101 or equivalent.

Additional Lower Division Requirements

Lower Division Elective

13-25 hrs

Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements.

Total Required Credits: 60

Pathway Agreement

Print

Maricopa Community College District Materials Science and Engineering, BSE Pathway 2020-2021

ASU Major: [Materials Science and Engineering, BSE | Ira A. Fulton Schools of Engineering](#)

Pathway Requirements

| | | |
|--|---|--|
| Engineering Core ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL |   3 hrs | |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL |   3 hrs | |
| ECE 102: Engineering Analysis Tools an or ECE 102AA: Engineering Analysis Tools and Techniques AND |   4 hrs | |
| ECE 103: Engineering Problem Solving and Design or ECE 103AB: Engineering Problem Solving and Design or ECE 103EP: Engineering Problem Solving and Design (with EPICS projects) | | |
| MAT 220: Calculus with Analytic Geometry I or MAT 221: Calculus with Analytic Geometry I |   4-5 hrs | |
| MAT 230: Calculus with Analytic Geometry II or MAT 231: Calculus with Analytic Geometry II |   4-5 hrs | |
| MAT 240: Calculus with Analytic Geometry III or MAT 241: Calculus with Analytic Geometry III |   4-5 hrs | |
| MAT 277: Modern Differential Equations or MAT 276: Modern Differential Equations |  3-4 hrs | |
| CHM 150: General Chemistry I and CHM 151LL: General Chemistry I Laboratory OR |   4-5 hrs | This fulfills a Math/Science Elective. |
| CHM 150AA: General Chemistry I OR | | |
| CHM 151: General Chemistry I or CHM 151LL: General Chemistry I Laboratory OR | | |
| CHM 151AA: General Chemistry I | | |
| CHM 152: General Chemistry II and CHM 152LL: General Chemistry II Laboratory OR |   4 hrs | |
| CHM 152AA: General Chemistry II | | |
| PHY 121: UNIVERSITY PHYSICS I: MECHANICS or PHY 115: University Physics I |   4-5 hrs | |
| PHY 131: University Physics II: Electricity and Magnetism or PHY 116: University Physics II |   4-5 hrs | |
| Humanities, Arts, and Design and AGEC Awareness Areas |  3 hrs | Take one course that satisfies Humanities and Fine Arts AND an Awareness Area requirement. |
| Social-Behavioral Science and AGEC Awareness Areas | 3 hrs | Take one course that satisfies Social-Behavioral Science AND an Awareness Area requirement. |

Pathway Notes



There are no notes for this pathway

Special Requirements

Completion of the Maricopa to ASU Engineering Pathway (MAPP) and all special requirements meets ASU major map requirements for the Materials Science and Engineering degree program. A3.0 transfer GPA as calculated by ASU for admissions is required. All courses must be completed with a grade of "C" or better. While requirements listed will meet ASU degree requirements, only 64 credit hours are transferable to ASU.

Students interested in completing the BSE Materials Science and Engineering degree with two additional years at ASU, must complete MSE 250 through concurrent-enrollment or in the summer prior to admission. Students are also strongly encouraged to concurrently enroll in MSE 215 during the fall semester prior to admission to ASU. Students are strongly encouraged to contact the SEMTE Advising Office at (480)965-2335 to meet with an academic advisor upon enrollment into a MAPP at the community college.

Additional Lower Division Requirements

| | | |
|--|--|--|
| ECE 215: Mechanics of Materials | 3 hrs | Students should complete MAT 225, and ECE 215 before taking any other Additional Lower Division Requirements listed. Any other Additional Lower Division Requirements listed can be completed after transfer to ASU. |
| MAT 225: Elementary Linear Algebra | 3 hrs | |
| BIO 201: Human Anatomy and Physiology I or BIO 201XT: Human Anatomy and Physiology I | 4 hrs  | This course fulfills an Advanced Science Elective. Students are required to take two Advanced Science Electives. |
| CHM 230: Fundamental Organic Chemistry OR CHM 230: Fundamental Organic Chemistry and CHM 230LL: Fundamental Organic Chemistry Laboratory | 3-4 hrs  | This course fulfills an Advanced Science Elective. Students are required to take two Advanced Science Electives. |
| EEE 202: Circuits and Devices | 0-5 hrs | This course fulfills a technical elective |
| Humanities, Arts, and Design and AGEC Awareness Areas | 0-3 hrs | |
| Social-Behavioral Science and AGEC Awareness Areas | 0-3 hrs | |
| ECE 104: EPICS Gold I | 0-2 hrs | EPICS is Engineering Projects in Community Service. Students who complete ECE104 may continue the EPICS sequence at ASU. Consult with Engineering faculty and/or STEM advisors to learn more about EPICS |

Total Required Credits: 60

Pathway Agreement

[Print](#)

Maricopa Community College District Mathematics, BA Pathway 2020-2021

ASU Major: [Mathematics, BA | College of Liberal Arts and Sciences](#)

Pathway Requirements

First Year Composition [FYC]

ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL



3 hrs

ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL



3 hrs

Literacy and Critical Inquiry [L]

Literacy and Critical Inquiry



3 hrs

Mathematical Studies [MA, CS]

MAT 220: Calculus with Analytic Geometry I
or
MAT 221: Calculus with Analytic Geometry I



4-5 hrs

CSC 100: Introduction to Computer Science
(C++) or
CSC 100AA: Introduction to Computer
Science (C++) or
CSC 110AA: Introduction to Computer
Science (Java) or
CSC 110: Introduction to Computer Science
(Java) or
CSC 110AB: Intro to Computer Science
(JAVA)



3-4 hrs

Humanities, Arts, and Design [HU]

Humanities, Arts, and Design



3 hrs

Humanities, Arts, and Design



3 hrs

Social-Behavioral Science [SB]

Social-Behavioral Science



3 hrs

Social-Behavioral Science



3 hrs

Natural Science [SQ, SG]

PHY 121: UNIVERSITY PHYSICS I:
MECHANICS or
PHY 115: University Physics I



4-5 hrs

Natural Science [SQ, SG]



4 hrs

General Education Awareness Areas [C, H, G]



Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.


Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts, Emphasis in Mathematics degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Mathematics B.A. degree program.

2.8 cumulative GPA in all Sun Devil Tracking courses: CSC100 or 110, MAT221, MAT231, MAT241, MAT227.


| | | |
|---|---------|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs |  |
| Historical or Global Awareness [H] or [G] | 0-3 hrs |  |


MCCCD Additional Requirements


| | | |
|---|---------|---|
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs |  |
|---|---------|---|

| | | |
|-----------------------------------|---------|---------------------------------|
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |
|-----------------------------------|---------|---------------------------------|

Additional Lower Division Requirements

| | | |
|--|-------|---|
| MAT 276: Modern Differential Equations | 4 hrs |  |
|--|-------|---|

| | | |
|--|---------|---|
| MAT 230: Calculus with Analytic Geometry II or MAT 231: Calculus with Analytic Geometry II | 4-5 hrs |  |
|--|---------|---|

| | | |
|--|---------|---|
| MAT 240: Calculus with Analytic Geometry III or MAT 241: Calculus with Analytic Geometry III | 4-5 hrs |  |
|--|---------|---|

| | | |
|--|----------|---|
| Lower Division Second Language: Requirement satisfied through the following: Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 0-16 hrs | Select 101, 102, 201, 202 as needed to reach 4th semester proficiency. You may select specific courses from the Course Equivalency Guide that satisfy these criteria. Determination is made based on the semester and year the course is taken. |
|--|----------|---|

| | | |
|-------------------------|----------|--|
| Lower Division Elective | 0-12 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |
|-------------------------|----------|--|

Total Required Credits: 60

Pathway Agreement



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Maricopa Community College District
Mathematics, BS Pathway
2020-2021



ASU Major: **Mathematics, BS | College of Liberal Arts and Sciences**


Pathway Requirements


First Year Composition [FYC]
 ENG 101: First-Year Composition or
 ENG 107: First-Year Composition for ESL   3 hrs


ENG 102: First-Year Composition or
 ENG 108: First-Year Composition for ESL   3 hrs


Literacy and Critical Inquiry [L]
 Literacy and Critical Inquiry [L]  3 hrs


Mathematical Studies [MA, CS]
 MAT 220: Calculus with Analytic Geometry I
 or
 MAT 221: Calculus with Analytic Geometry I   4-5 hrs

CSC 110: Introduction to Computer Science
 (JAVA) or
 CSC 110AA: Introduction to Computer
 Science (JAVA) or
 CSC 110AB: Intro to Computer Science
 (JAVA)  3-4 hrs


Humanities, Arts, and Design [HU]
 Humanities, Arts, and Design [HU]  3 hrs


Humanities, Arts, and Design [HU]  3 hrs


Social-Behavioral Science [SB]
 Social-Behavioral Science [SB]  3 hrs

Social-Behavioral Science [SB]  3 hrs

Natural Science [SQ, SG]
 PHY 121: UNIVERSITY PHYSICS I:
 MECHANICS   4 hrs

Natural Science [SQ, SG]  4 hrs PHY 131 recommended, but not required

General Education Awareness Areas [C, H, G]
 Cultural Diversity in the U.S. [C]  0-3 hrs

Historical or Global Awareness [H] or [G]  0-3 hrs

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.






Special Requirements

The recommended MCCCDC associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Emphasis in Mathematics degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Mathematics B.S. degree program.

3.0 cumulative GPA in all Sun Devil Tracking courses: CSC110, CSC110AA, CSC205, CSC205AA, MAT221, MAT231, MAT 241.

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information: <https://transfer.asu.edu/credits>

MCCCDC Additional Requirements

| | | |
|---|--|--|
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs  | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |
| Additional Lower Division Requirements CSC 205: Object Oriented Programming and Data Structures or CSC 205AA: Object Oriented Programming and Data Structures or CSC 205AB: Object Oriented Programming and Data Structures | 3-4 hrs  | |
| MAT 227: Discrete Mathematical Structures | 3 hrs  | May be used as an additional course in the major. |
| MAT 230: Calculus with Analytic Geometry II or MAT 231: Calculus with Analytic Geometry II | 4-5 hrs  | |
| MAT 240: Calculus with Analytic Geometry III or MAT 241: Calculus with Analytic Geometry III | 4-5 hrs  | |
| MAT 262: Differential Equations or MAT 276: Modern Differential Equations or MAT 277: Modern Differential Equations | 3-4 hrs | MAT 262, MAT 276, or MAT 277 can be used as an MAT or STP Additional Course |
| Lower Division Elective | 0-7 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60

Pathway Agreement

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Maricopa Community College District Mathematics (Statistics), BS Pathway 2020-2021



ASU Major: [Mathematics \(Statistics\), BS | College of Liberal Arts and Sciences](#)


Pathway Requirements


First-Year Composition [FYC]
ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL   3 hrs


ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL   3 hrs


Literacy and Critical Inquiry [L]
Literacy and Critical Inquiry [L]  0-3 hrs PHI 103 Introduction to Logic is recommended.


Mathematical Studies [MA]
MAT 220: Calculus with Analytic Geometry I
or
MAT 221: Calculus with Analytic Geometry I   4-5 hrs

CSC 110: Introduction to Computer Scie or
CSC 110AA: Introduction to Computer Scie
or
CSC 110AB: Intro to Computer Science (JA)  3-4 hrs



Humanities, Arts, and Design [HU]
Humanities, Arts, and Design  3 hrs


Humanities, Arts, and Design  3 hrs


Social-Behavioral Science [SB]
Social-Behavioral Science  3 hrs

Social-Behavioral Science  3 hrs

Natural Science [SQ, SG]
PHY 115: University Physics I or
PHY 121: UNIVERSITY PHYSICS I:
MECHANICS   4 hrs

PHY 116: University Physics II or
PHY 131: University Physics II: Electricity
and Magnetism   4 hrs

General Education Awareness Areas [C, H, G]
Cultural Diversity in the U.S. [C]  0-3 hrs

Historical or Global Awareness [H] or [G]  0-3 hrs

Pathway Notes








Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

The recommended MCCCDC associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Emphasis in Mathematics degree and AGEC-S. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Mathematics (Statistics) B.S. degree program.

Special Requirements: 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of "C" or better. 3.0 cumulative GPA in all Sun Devil Tracking courses : CSC110, CSC205, MAT221, MAT231, MAT 241.

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information: <https://transfer.asu.edu/credits>.

| | | | |
|--|----------|---|--|
| COM 100: Introduction to Human Communication OR | 0-3 hrs |  | |
| COM 110: Interpersonal Communication OR | | | |
| COM 225: Public Speaking OR | | | |
| COM 230: Small Group Communication | | | |
| CRE 101: College Critical Reading | 0-3 hrs | | Complete CRE 101 or equivalent. |
| Additional Lower Division Requirements | | | |
| CSC 205: Object Oriented Programming a or CSC 205AA: Object Oriented Programming a or CSC 205AB: Object Oriented Programming a or CSC 205AC: Object Oriented Programming a or CSC 205AD: Object Oriented Programming a | 3-4 hrs |  | |
| MAT 230: Calculus with Analytic Geometry II or MAT 231: Calculus with Analytic Geometry II | 4-5 hrs |   | |
| MAT 240: Calculus with Analytic Geometry III or MAT 241: Calculus with Analytic Geometry III | 4-5 hrs |   | |
| MAT 262: Differential Equations or MAT 277: Modern Differential Equations | 3 hrs |  | MAT 262 or MAT 277 can be used as an MAT or STP Advanced Course. |
| Lower Division Elective | 0-13 hrs | | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60

Pathway Agreement

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Maricopa Community College District Mechanical Engineering, BSE Pathway 2020-2021

ASU Major: [Mechanical Engineering, BSE | Ira A. Fulton Schools of Engineering](#)

Pathway Requirements

| | |
|--|--|
| Engineering Core ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL | 3 hrs   |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL | 3 hrs   |
| ECE 102: Engineering Analysis Tools and Techniques or ECE 102AA: Engineering Analysis Tools and Techniques AND | 4 hrs   |
| ECE 103: Engineering Problem Solving and Design or ECE 103AB: Engineering Problem Solving and Design or ECE 103EP: Engineering Problem Solving and Design (with EPICS projects) | |
| MAT 220: Calculus with Analytic Geometry I or MAT 221: Calculus with Analytic Geometry I | 4-5 hrs   |
| MAT 230: Calculus with Analytic Geometry II or MAT 231: Calculus with Analytic Geometry II | 4-5 hrs   |
| MAT 240: Calculus with Analytic Geometry III or MAT 241: Calculus with Analytic Geometry III | 4-5 hrs   |
| MAT 277: Modern Differential Equations or MAT 276: Modern Differential Equations | 3-4 hrs  |
| CHM 150: General Chemistry I and CHM 151LL: General Chemistry I Laboratory OR | 4-5 hrs   |
| CHM 151: General Chemistry I and CHM 151LL: General Chemistry I Laboratory OR | |
| CHM 150AA: General Chemistry I or CHM 151AA: General Chemistry I | |
| CHM 152: General Chemistry II and CHM 152LL: General Chemistry II Laboratory OR | 4 hrs   |
| CHM 152AA: General Chemistry II | |
| PHY 121: UNIVERSITY PHYSICS I: MECHANICS or PHY 115: University Physics I | 4-5 hrs   |
| PHY 131: University Physics II: Electricity and Magnetism or PHY 116: University Physics II | 4-5 hrs   |
| Humanities, Arts, and Design and AGEC Awareness Areas | 3 hrs  |
| Social-Behavioral Science and AGEC Awareness Areas | 3 hrs  |
| | Take one course that satisfies Humanities and Fine Arts AND an Awareness Area requirement. |
| | Take one course that satisfies Social-Behavioral Science AND an Awareness Area requirement. |

Pathway Notes

There are no notes for this pathway

Special Requirements

Completion of the Maricopa to ASU Engineering Pathway (MAPP) and all special requirements meets ASU major map requirements for the Mechanical Engineering degree program. A 3.0 transfer GPA as calculated by ASU for admissions is required. All courses must be completed with a grade of "C" or better. While requirements listed will meet ASU degree requirements, only 64 credit hours are transferable to ASU.

Students interested in completing the BSE Mechanical Engineering degree with two additional years at ASU, must complete MAE 241 (Intro to Thermodynamics) and MAE 384 through dual-enrollment or in the summer prior to admission. Students are strongly encouraged to contact the SEMTE Advising Office at (480)965-2335 to meet with an academic advisor upon enrollment into a MAPP at the community college.

| | | |
|---|---------|--|
| MAT 225: Elementary Linear Algebra | 3 hrs | Complete additional lower division requirements not to exceed 64 total transfer credits. Students should complete MAT 225, ECE 211, ECE 212, ECE 215, ECE 105 or CSC 110 and ECE 216/216LL before taking other additional courses listed. All other additional requirements listed can be completed after transfer to ASU. |
| ECE 211: Engineering Mechanics-Statics | 3 hrs | |
| ECE 212: Engineering Mechanics-Dynamics | 3 hrs | |
| ECE 215: Mechanics of Materials | 3 hrs | |
| ECE 105: MATLAB Programming OR CSC 110: Introduction to Computer Scie | 1-3 hrs | |
| ECE 216: Computer-Aided Engineering and ECE 216LL: Computer-Aided Engineering La | 3 hrs | |
| EEE 202: Circuits and Devices | 0-5 hrs | |
| Humanities, Arts, and Design and AGEC Awareness Areas | 0-3 hrs | |
| Social-Behavioral Science and AGEC Awareness Areas | 0-3 hrs | |
| ECE 104: EPICS Gold I | 0-2 hrs | |

Total Required Credits: 63
























Pathway Agreement

Print

Maricopa Community College District Mechanical Engineering (Computational Mechanics), BSE Pathway 2020-2021

ASU Major: [Mechanical Engineering \(Computational Mechanics\), BSE | Ira A. Fulton Schools of Engineering](#)

Pathway Requirements

| | | |
|---|--|---|
| Engineering Core ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL | 3 hrs   | |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL | 3 hrs   | |
| ECE 102: Engineering Analysis Tools and Techniques or ECE 102AA: Engineering Analysis Tools and Techniques AND | 4 hrs   | The combination of these two courses transfers as FSE 100 and ASU 101 at ASU. Students must take both to get credit for both. |
| ECE 103: Engineering Problem Solving and Design or ECE 103AB: Engineering Problem Solving and Design or ECE 103EP: Engineering Problem Solving and Design | | |
| MAT 220: Calculus with Analytic Geometry I or MAT 221: Calculus with Analytic Geometry I | 4-5 hrs   | |
| MAT 230: Calculus with Analytic Geometry II or MAT 231: Calculus with Analytic Geometry II | 4-5 hrs   | |
| MAT 240: Calculus with Analytic Geometry III or MAT 241: Calculus with Analytic Geometry III | 4-5 hrs   | |
| MAT 277: Modern Differential Equations or MAT 276: Modern Differential Equations | 3-4 hrs  | |
| CHM 150: General Chemistry I and CHM 151LL: General Chemistry I Laboratory OR | 4-5 hrs   | |
| CHM 151: General Chemistry I and CHM 151LL: General Chemistry I Laboratory OR | | |
| CHM 150AA: General Chemistry I or CHM 151AA: General Chemistry I | | |
| CHM 152: General Chemistry II and CHM 152LL: General Chemistry II Laboratory OR | 4 hrs   | |
| CHM 152AA: General Chemistry II | | |
| PHY 121: UNIVERSITY PHYSICS I: MECHANICS or PHY 115: University Physics I | 4-5 hrs   | |
| PHY 131: University Physics II: Electricity and Magnetism or PHY 116: University Physics II | 4-5 hrs   | |
| Humanities, Arts, and Design and AGEC Awareness Areas | 3 hrs  | Take one course that satisfies Humanities and Fine Arts AND an Awareness Area requirement. |
| Social-Behavioral Science and AGEC Awareness Areas | 3 hrs  | Take one course that satisfies Social-Behavioral Science AND an Awareness Area requirement. |

Pathway Notes

There are no notes for this pathway

Special Requirements

Completion of the Maricopa to ASU Engineering Pathway (MAPP) and all special requirements meets ASU major map requirements for the Mechanical Engineering (Computational Mechanics) degree program. A 3.0 transfer GPA as calculated by ASU for admissions is required. All courses must be completed with a grade of "C" or better. While requirements listed will meet ASU degree requirements, only 64 credit hours are transferable to ASU.

Students interested in completing the BSE Mechanical Engineering (Computational Mechanics) degree with two additional years at ASU, must complete MAE 241 (Intro to Thermodynamics) and MAE 384 through dual-enrollment or in the summer prior to admission. Students are strongly encouraged to contact the SEMTE Advising Office at (480)965-2335 to meet with an academic advisor upon enrollment into a MAPP at the community college.

Additional Lower Division Requirements

| | | |
|--|---------|---|
| MAT 225: Elementary Linear Algebra | 3 hrs | Complete additional lower division requirements not to exceed 64 total transfer credits. Students should complete MAT 225, ECE 211, ECE 212, ECE 215, ECE 216/216LL and ECE 105 before taking other additional courses listed. All other additional requirements listed can be completed after transfer to ASU. |
| CSC 110: Introduction to Computer Science (Java) or CSC 110AA: Introduction to Computer Science (Java) or CSC 110AB: Introduction to Computer Science (Java) | 3-4 hrs | |
| ECE 105: MATLAB Programming | 1 hrs | |
| ECE 211: Engineering Mechanics- Statics | 3 hrs | |
| ECE 212: Engineering Mechanics-Dynamics | 3 hrs | |
| ECE 215: Mechanics of Materials | 3 hrs | |
| ECE 216: Computer-Aided Engineering and ECE 216LL: Computer-Aided Engineering La | 3 hrs | |
| EEE 202: Circuits and Devices | 0-5 hrs | |
| Humanities, Arts, and Design and AGEC Awareness Areas | 0-3 hrs | |
| Social-Behavioral Science and AGEC Awareness Areas | 0-3 hrs | |
| ECE 104: EPICS Gold I | 0-2 hrs | EPICS is Engineering Projects in Community Service. Students who complete ECE 104 may continue the EPICS sequence at ASU. Consult with Engineering faculty and/or STEM advisors to learn more about EPICS. |

Total Required Credits: 66

Pathway Agreement

Print

Maricopa Community College District Mechanical Engineering (Energy and Environment), BSE Pathway 2020-2021

ASU Major: [Mechanical Engineering \(Energy and Environment\), BSE | Ira A. Fulton Schools of Engineering](#)

Pathway Requirements

| | |
|--|---|
| Engineering Core ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL |   3 hrs |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL |   3 hrs |
| ECE 102: Engineering Analysis Tools or ECE 102AA: Engineering Analysis Tools and Techniques AND |  4 hrs |
| ECE 103: Engineering Problem Solving and Design or ECE 103AB: Engineering Problem Solving and Design or ECE 103EP: Engineering Problem Solving and Design (with EPICS projects) | |
| MAT 220: Calculus with Analytic Geometry I or MAT 221: Calculus with Analytic Geometry I |   4-5 hrs |
| MAT 230: Calculus with Analytic Geometry II or MAT 231: Calculus with Analytic Geometry II |   4-5 hrs |
| MAT 240: Calculus with Analytic Geometry III or MAT 241: Calculus with Analytic Geometry III |   4-5 hrs |
| MAT 277: Modern Differential Equations or MAT 276: Modern Differential Equations |  3-4 hrs |
| CHM 150: General Chemistry I and CHM 151LL: General Chemistry I Laboratory OR |   4-5 hrs |
| CHM 151: General Chemistry I and CHM 151LL: General Chemistry I Laboratory OR | |
| CHM 150AA: General Chemistry I or CHM 151AA: General Chemistry I | |
| CHM 152: General Chemistry II and CHM 152LL: General Chemistry II Laboratory OR |   4 hrs |
| CHM 152AA: General Chemistry II | |
| PHY 121: UNIVERSITY PHYSICS I: MECHANICS or PHY 115: University Physics I |   4-5 hrs |
| PHY 131: University Physics II: Electricity and Magnetism or PHY 116: University Physics II |   4-5 hrs |
| Humanities, Arts, and Design and AGEC Awareness Areas |  3 hrs Take one course that satisfies Humanities and Fine Arts AND an Awareness Area requirement. |
| Social-Behavioral Science and AGEC Awareness Areas |  3 hrs Take one course that satisfies Social-Behavioral Science AND an Awareness Area requirement. |

Pathway Notes

There are no notes for this pathway

Special Requirements

Completion of the Maricopa to ASU Engineering Pathway (MAPP) and all special requirements meets ASU major map requirements for the Mechanical Engineering (Energy and Environment) degree program. A3.0 transfer GPA as calculated by ASU for admissions is required. All courses must be completed with a grade of "C" or better. While requirements listed will meet ASU degree requirements, only 64 credit hours are transferable to ASU.

Students interested in completing the BSE Mechanical Engineering (Energy and Environment) degree with two additional years at ASU, must complete MAE 241 (Intro to Thermodynamics) and MAE 384 through dual-enrollment or in the summer prior to admission. Students are strongly encouraged to contact the SEMTE Advising Office at (480)965-2335 to meet with an academic advisor upon enrollment into a MAPP at the community college.

Additional Lower Division Requirements

| | | |
|--|---------|--|
| MAT 225: Elementary Linear Algebra | 3 hrs | Complete additional lower division requirements not to exceed 64 total transfer credits. Students should complete MAT 225, ECE 211, ECE 212, ECE 215, ECE 105 or CSC 110 and ECE 216/216LL before taking other additional courses listed. All other additional requirements listed can be completed after transfer to ASU. |
| ECE 211: Engineering Mechanics-Statics | 3 hrs | |
| ECE 212: Engineering Mechanics-Dynamics | 3 hrs | |
| ECE 215: Mechanics of Materials | 3 hrs | |
| ECE 105: MATLAB Programming OR CSC 110: Introduction to Computer Science (Java) or CSC 110AA: Introduction to Computer Science (Java) or CSC 110AB: Introduction to Computer Science (Java) | 1-4 hrs | |
| ECE 216: Computer-Aided Engineering and ECE 216LL: Computer-Aided Engineering Laboratory | 3 hrs | |
| EEE 202: Circuits and Devices | 0-5 hrs | |
| Humanities, Arts, and Design and AGEC Awareness Areas | 0-3 hrs | |
| Social-Behavioral Science and AGEC Awareness Areas | 0-3 hrs | |
| ECE 104: EPICS Gold I | 0-2 hrs | |

Total Required Credits: 63

Pathway Agreement



[Print](#)


Maricopa Community College District Medical Studies, BS Pathway 2020-2021

ASU Major: [Medical Studies, BS | College of Health Solutions](#)

Pathway Requirements

First Year Composition [FYC]
ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL   3 hrs

ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL   3 hrs

Literacy and Critical Inquiry [L]
Literacy and Critical Inquiry [L]  3 hrs

Mathematical Studies [MA, CS]
MAT 150: College Algebra/Functions and
MAT 182: Plane Trigonometry OR   5-9 hrs


MAT 151: College Algebra/Functions and
MAT 182: Plane Trigonometry OR

MAT 152: College Algebra/Functions and
MAT 182: Plane Trigonometry OR


MAT 155: College Algebra/Functions with
Review and
MAT 182: Plane Trigonometry OR

MAT 156: College Algebra/Functions with
Review and
MAT 182: Plane Trigonometry OR



MAT 187: Precalculus

Computer/Statistics/Quantitative Applications
[CS]  3 hrs

Humanities, Arts, and Design [HU]
Humanities, Arts, and Design [HU]  3 hrs Humanities [HU] - PHI 101 is strongly recommended for fulfilling this requirement.

Humanities, Arts, and Design [HU]  3 hrs

Social-Behavioral Science [SB]
PSY 101: Introduction to Psychology   3 hrs

SOC 101: Introduction to Sociology or
CFS 205: Human Development or
ECN 211: Macroeconomic Principles or
COM 100: Introduction to Human Communication   3 hrs The course chosen among these is dependent upon the student's choice of post-baccalaureate professional school. Please review the ASU major map to determine which course to take.

Natural Science [SQ, SG]
BIO 181: General Biology (Majors) I   4 hrs

BIO 182: General Biology (Majors) II   4 hrs

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.


Special Requirements


Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Medical Studies B.S. degree program. Students who are interested in pre-physical therapy should sign up for the Kinesiology MAPP instead.

While the Medical Studies B.S. MAPP is listed here as an Associate in Arts/AGEC-A, students have the option to pursue an Associate in Science/AGEC-S. Consult an academic advisor to discuss which associate's degree requirements align best with your educational and career goals. Students pursuing an Associate in Science (AS) degree must complete all AS requirements (refer to Maricopa Community Colleges AS checksheet), including MAT220 or MAT221 and Subject Options, and are not required to take Computer/Statistics/Quantitative Applications (CS).


Students will take CHS 300 upon transfer to ASU.

General Education Awareness Areas [C, H, G]
Cultural Diversity in the U.S. [C]

0-3 hrs  Met by HES 210


Historical or Global Awareness [H] or [G] 0-3 hrs 

MCCCD Additional Requirements

COM 100: Introduction to Human Communication or
COM 110: Interpersonal Communication or
COM 225: Public Speaking or
COM 230: Small Group Communication 0-3 hrs 

CRE 101: College Critical Reading 0-3 hrs Complete CRE 101 or equivalent.


Additional Lower Division Requirements

CHM 150: General Chemistry I and
CHM 151LL: General Chemistry I Laboratory OR 4-5 hrs 


CHM 150AA: General Chemistry I OR


CHM 151: General Chemistry I and
CHM 151LL: General Chemistry I Laboratory OR

CHM 151AA: General Chemistry I


CHM 152: General Chemistry II and
CHM 152LL: General Chemistry II Laboratory OR 4 hrs 

CHM 152AA: General Chemistry II

CHM 235: General Organic Chemistry I and
CHM 235LL: General Organic Chemistry I L 4 hrs 

CHM 236: General Organic Chemistry IIA and
CHM 236LL: General Organic Chemistry II 4 hrs 

HES 210: Cultural Aspects of Health and
Illness or
IFS 215: Cultural Context of Health
Information 3 hrs

Professional Track courses 8-9 hrs  Choose from the tracks listed below. BIO 201 and BIO 202 are required for the major but may be taken prior to transfer to the university.

Total Required Credits: 64

Track/Groups

Professional Track Courses

| Professional Track Courses | | |
|--|--|----------------------------|
| BIO 201: Human Anatomy and Physiology I or BIO 201XT: Human Anatomy and Physiology I OR | Occupational Therapy Professional Track. If choosing PHY courses, select PHY 101/101AA OR PHY 111/111AA, not both. | Professional Track |
| BIO 202: Human Anatomy and Physiology II OR | | |
| PHY 101: Introduction to Physics or PHY 101AA: Introduction to Physics OR | Courses | |
| PHY 111: General Physics I or PHY 111AA: General Physics I | | |
| BIO 201: Human Anatomy and Physiology I or BIO 201XT: Human Anatomy and Physiology I OR | Pharmacy Professional Track | Professional Track |
| BIO 202: Human Anatomy and Physiology II OR | Courses | |
| BIO 205: Microbiology OR | | |
| PHY 111: General Physics I or PHY 111AA: General Physics I | | Professional Track Courses |
| BIO 201: Human Anatomy and Physiology I or BIO 201XT: Human Anatomy and Physiology I OR | Medicine (MD/DO) Professional Track | |

Professional
Track Courses

BIO 202: Human Anatomy and Physiology II OR

BIO 205: Microbiology OR

PHY 111: General Physics I or
PHY 111AA: General Physics I OR

PHY 112: General Physics II

BIO 201: Human Anatomy and Physiology I or
BIO 201XT: Human Anatomy and Physiology I OR

Optometry Professional Track

BIO 202: Human Anatomy and Physiology II OR

BIO 205: Microbiology OR

PHY 111: General Physics I or
PHY 111AA: General Physics I OR

PHY 112: General Physics II

BIO 201: Human Anatomy and Physiology I or
BIO 201XT: Human Anatomy and Physiology I OR

Dentistry Professional Track

BIO 202: Human Anatomy and Physiology II OR

BIO 205: Microbiology OR

PHY 111: General Physics I or
PHY 111AA: General Physics I OR

PHY 112: General Physics II





Pathway Agreement


[Print](#)



Maricopa Community College District
Microbiology, BS Pathway
2020-2021



ASU Major: [Microbiology, BS](#) | [College of Liberal Arts and Sciences](#)



Pathway Requirements





| | |
|--|---|
| First-Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL |   3 hrs |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL |   3 hrs |

| | | |
|---|---|--|
| Literacy and Critical Inquiry [L] Literacy and Critical Inquiry [L] | 0-3 hrs  | Recommend selecting a course that satisfies Literacy & Critical Inquiry, Social-Behavioral Sciences, Humanities & Fine Arts, COM, or CRE 101 requirements simultaneously. |
|---|---|--|

| | |
|--|---|
| Mathematical Studies [MA] MAT 220: Calculus with Analytic Geometry I or MAT 221: Calculus with Analytic Geometry I |   4-5 hrs |
|--|---|

| | |
|--|---|
| Humanities, Arts, and Design [HU] Humanities, Arts, and Design |  3 hrs |
| Humanities, Arts, and Design |  3 hrs |

| | |
|--|---|
| Social-Behavioral Science [SB] Social-Behavioral Science |  3 hrs |
| Social-Behavioral Science |  3 hrs |

| | |
|--|---|
| Natural Science [SQ, SG] BIO 181: General Biology (Majors) I |   4 hrs |
| BIO 182: General Biology (Majors) II |   4 hrs |





Subject Options



Pathway Notes


Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements



The recommended MCCCDC associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Science, Emphasis in Biological Sciences and AGEC-S. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Microbiology BS degree program.



| | |
|---|--|
| CHM 150: General Chemistry I and CHM 151LL: General Chemistry I Laboratory OR CHM 151: General Chemistry I and CHM 151LL: General Chemistry I Laboratory OR CHM 150AA: General Chemistry I or CHM 151AA: General Chemistry I | 4-5 hrs   |
| CHM 152: General Chemistry II and CHM 152LL: General Chemistry II Laboratory OR CHM 152AA: General Chemistry II | 4 hrs   |


| | |
|---|--|
| General Education Awareness Areas [C, H, G] Cultural Diversity in the U.S. [C] | 0-3 hrs  |
| Historical or Global Awareness [H] or [G] | 0-3 hrs  |

| | |
|---|--|
| MCCCD Additional Requirements COM 100: Introduction to Human Communication OR COM 110: Interpersonal Communication OR COM 225: Public Speaking OR COM 230: Small Group Communication | 0-3 hrs  |
|---|--|

| | | |
|-----------------------------------|---------|---------------------------------|
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |
|-----------------------------------|---------|---------------------------------|

| | | |
|---|--|--|
| Additional Lower Division Requirements BIO 220: Biology of Microorganisms | 0-4 hrs  | Students may complete this course in their first semester at ASU, but are strongly encouraged to complete it prior to transferring. |
| CHM 230: Fundamental Organic Chemistry and CHM 230LL: Fundamental Organic Chemistry OR CHM 235: General Organic Chemistry I and CHM 235LL: General Organic Chemistry I L AND CHM 236: General Organic Chemistry IIA and CHM 236LL: General Organic Chemistry IIA | 4-8 hrs  | Complete either CHM 230/230LL, or CHM 235/235LL AND CHM 236/236LL. Pre-Health students should choose two-semester options for chemistry and physics. See pre-health website for more information: http://prehealth.asu.edu.explore/curriculum |

| | |
|---|--|
| MAT 206: Elements of Statistics OR SWU 225: Statistics for Social Research/Justice and Government OR PSY 230: Introduction to Statistics | 3 hrs   |
|---|--|

| | | |
|---|--|--|
| PHY 101: Introduction to Physics OR PHY 111: General Physics I and PHY 112: General Physics II OR PHY 101AA: Introduction to Physics | 0-8 hrs  | Students considering graduate school or health professions should complete the PHY 111/113 AND PHY 112/114 sequence. All other students will complete PHY 101. See pre-health website for more information: http://prehealth.asu.edu.explore/curriculum |
|---|--|--|

| | | |
|-------------------------|----------|--|
| Lower Division Elective | 0-15 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |
|-------------------------|----------|--|

Total Required Credits: 60

Pathway Agreement

Print

Maricopa Community College District Microbiology (Medical Microbiology), BS Pathway 2020-2021

ASU Major: [Microbiology \(Medical Microbiology\), BS](#) | College of Liberal Arts and Sciences

Pathway Requirements

First-Year Composition [FYC]

ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL



ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL



Literacy and Critical Inquiry [L]

Literacy and Critical Inquiry [L]

0-3 hrs



Recommend selecting a course that satisfies (L and SB) or (L and HU), or (L and COM), or (L and CRE101) requirements simultaneously.

Mathematical Studies [MA]

MAT 220: Calculus with Analytic Geometry I
or
MAT 221: Calculus with Analytic Geometry I



Humanities, Arts, and Design [HU]

Humanities, Arts, and Design [HU]



Humanities, Arts, and Design [HU]



Social-Behavioral Science [SB]

Social-Behavioral Science [SB]



Social-Behavioral Science [SB]



Natural Science [SQ, SG]

BIO 181: General Biology (Majors) I



BIO 182: General Biology (Majors) II



Subject Options

CHM 150: General Chemistry I and
CHM 151LL: General Chemistry I Laboratory
OR



CHM 151: General Chemistry I and
CHM 151LL: General Chemistry I Laboratory
OR

CHM 151AA: General Chemistry I

CHM 152: General Chemistry II or
CHM 152LL: General Chemistry II
Laboratory OR



CHM 152AA: General Chemistry II



Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.


Special Requirements

The recommended MCCCDC associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Science, Emphasis in Biological Sciences and AGEC-S. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Microbiology (Medical Microbiology) BS degree program.

General Education Awareness Areas [C, H, G]





| | | |
|---|---------|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs |  |
| Historical or Global Awareness [H] or [G] | 0-3 hrs |  |

MCCCD Additional Requirements

| | | |
|---|---------|---|
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs |  |
|---|---------|---|

| | | |
|-----------------------------------|---------|---------------------------------|
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |
|-----------------------------------|---------|---------------------------------|

Additional Lower Division Requirements

| | | | |
|---|----------|---|--|
| BIO 220: Biology of Microorganisms | 0-4 hrs |  | Students may complete this course in their first semester at ASU, but are strongly encouraged to complete it prior to transferring. |
| CHM 230: Fundamental Organic Chemistry and CHM 230LL: Fundamental Organic Chemistry Lab OR | 4-8 hrs |  | Pre-health students should take CHM 235/235LL and CHM 236/236LL or CHM 238/238LL instead of CHM 230/230LL. See pre-health website for more information: http://prehealth.asu.edu/explore/curriculum . |
| CHM 235: General Organic Chemistry I and CHM 235LL: General Organic Chemistry I Laboratory AND | | | |
| CHM 236: General Organic Chemistry IIA and CHM 236LL: General Organic Chemistry IIA Laboratory | | | |
| CHM 236: General Organic Chemistry IIA and CHM 236LL: General Organic Chemistry IIA Laboratory | 0-5 hrs |  | Pre-health students should take CHM 235/235LL and CHM 236/236LL or CHM 238/238LL instead of CHM 230 this term instead of elective. See the pre-health website for more information: http://prehealth.asu.edu/explore/curriculum . |
| MAT 206: Elements of Statistics OR | 3 hrs |  | |
| SWU 225: Statistics for Social Research/Justice and Government OR | | | |
| PSY 230: Introduction to Statistics | | | |
| PHY 101: Introduction to Physics or PHY 101AA: Introduction to Physics | 4-8 hrs | | Pre-health students should take two semesters of Physics. Pre-health students should take PHY 111 and PHY 112. See pre-health website for more information: http://prehealth.asu.edu/explore/curriculum . |
| Lower Division Elective | 0-11 hrs | | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. Pre-health students should take CHM 234 and CHM 238 as electives before transfer. See pre-health website for more information: http://prehealth.asu.edu/explore/curriculum . BIO 340 and BIO 345 will need to be taken after transfer. |

Total Required Credits: 60

Pathway Agreement

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Maricopa Community College District Molecular Biosciences and Biotechnology, BS Pathway 2020-2021

ASU Major: [Molecular Biosciences and Biotechnology, BS](#) | College of Liberal Arts and Sciences

Pathway Requirements

First-Year Composition [FYC]

ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL



ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL



Literacy and Critical Inquiry [L]

Literacy and Critical Inquiry [L]

0-3 hrs



Recommend selecting a course that satisfies (L and C) or (L and G) or (L and H) or (L and COM) or (L and CRE 101) requirements simultaneously.

Mathematical Studies [MA]

MAT 220: Calculus with Analytic Geometry I
or
MAT 221: Calculus with Analytic Geometry I



Humanities, Arts, and Design [HU]

Humanities, Arts, and Design

3 hrs



Humanities, Arts, and Design

3 hrs



Social-Behavioral Science [SB]

Social-Behavioral Science

3 hrs



Social-Behavioral Science

3 hrs



Natural Science [SQ, SG]

BIO 181: General Biology (Majors) I

4 hrs



BIO 182: General Biology (Majors) II

4 hrs







Subject Options



Pathway Notes


Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements






The recommended MCCCDC associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Science, Emphasis in Biological Sciences degree and AGEC-S. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Molecular Biosciences and Biotechnology B.S. degree program.

| | |
|--|--|
| CHM 150: General Chemistry I and CHM 151LL: General Chemistry I Laboratory OR | 4-5 hrs   |
| CHM 151: General Chemistry I and CHM 151LL: General Chemistry I Laboratory OR | |
| CHM 150AA: General Chemistry I or CHM 151AA: General Chemistry I | |
| CHM 152: General Chemistry II and CHM 152LL: General Chemistry II Laboratory OR | 4-5 hrs   |
| CHM 152AA: General Chemistry II OR | |
| CHM 154: General Chemistry II with Qualitative Analysis and CHM 154LL: General Chemistry II with Qualitative Laboratory | |

| | |
|---|--|
| General Education Awareness Areas [C, H, G] Cultural Diversity in the U.S. [C] | 0-3 hrs  |
| Historical or Global Awareness [H] or [G] | 0-3 hrs  |

| | |
|---|--|
| MCCCD Additional Requirements COM 100: Introduction to Human Communication OR | 0-3 hrs  |
| COM 110: Interpersonal Communication OR | |
| COM 225: Public Speaking OR | |
| COM 230: Small Group Communication | |

| | | |
|-----------------------------------|---------|---------------------------------|
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |
|-----------------------------------|---------|---------------------------------|

| | | |
|---|--|---|
| Additional Lower Division Requirements BIO 220: Biology of Microorganisms | 0-4 hrs  | Students may complete this course in their first semester at ASU, but are strongly encouraged to complete it prior to transferring. |
| CHM 230: Fundamental Organic Chemistry and CHM 230LL: Fundamental Organic Chemistry OR | 4-8 hrs  | Pre-health students should take CHM 235 and CHM 235 LL AND CHM 236/236LL instead of CHM 230 and CHM 230LL. See pre-health website for more information: https://prehealth.asu.edu/ |
| CHM 235: General Organic Chemistry I and CHM 235LL: General Organic Chemistry I L AND | | |
| CHM 236: General Organic Chemistry IIA and CHM 236LL: General Organic Chemistry II | | |
| PHY 101: Introduction to Physics OR | 0-8 hrs  | Pre-Health students should take PHY 111 and PHY 112. See pre-health website for more information: https://prehealth.asu.edu/ |
| PHY 111: General Physics I and PHY 112: General Physics II | | |
| MAT 206: Elements of Statistics OR | 3 hrs   | Although not directly equivalent, these courses are accepted to meet STP 231 at ASU. |
| SWU 225: Statistics for Social Research/Justice and Government OR | | |
| PSY 230: Introduction to Statistics Lower Division Elective | 0-15 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60














Pathway Agreement

Print

Maricopa Community College District
Music, BA Pathway
2020-2021

ASU Major: **Music, BA | Herberger Institute for Design and the Arts**

Pathway Requirements

| | | | |
|---|---------|---|--|
| First Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL | 3 hrs |   | |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL | 3 hrs |   | |
| Literacy and Critical Inquiry [L] COM 225: Public Speaking | 3 hrs |  | |
| Mathematical Studies [MA, CS] MAT 140: College Mathematics or MAT 141: College Mathematics or MAT 142: College Mathematics or MAT 145: College Mathematics with Review or MAT 146: College Mathematics with Review | 3-6 hrs |  | |
| MTC 180: COMPUTER LITERACY for MUSICIANS | 3 hrs |  | |
| Humanities, Arts, and Design [HU] MHL 194: Music and Culture | 3 hrs |  | MHL 194 also fulfills Global [G] awareness area. Can be taken after transfer to ASU. |
| Humanities, Arts, and Design [HU] | 3 hrs |  | |
| Social-Behavioral Science [SB] Social-Behavioral Science [SB] | 3 hrs |  | It is recommended to select a course which satisfies [SB] and awareness area [C or H] requirements simultaneously. |
| Social-Behavioral Science [SB] | 3 hrs |  | |
| Natural Science [SQ, SG] Natural Science [SQ, SG] | 4 hrs |  | Select at least one [SQ] within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs |  | Select at least one [SQ] within the Natural Science requirement. |
| General Education Awareness Areas [C, H, G] Cultural Diversity in the U.S. [C] | 0-3 hrs |  | [C] may be completed simultaneously with any outstanding AGEC requirements. |
| Historical or Global Awareness [H] or [G] | 0 hrs |  | [G] satisfied by MHL 194. |

MCCCD Additional Requirements

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

- Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts and AGEC-A, meets major map requirements at ASU.

- Acceptance into the School of Music is contingent upon a successful audition the semester before transferring to ASU. Please refer to asu.edu/admissions for application and audition deadlines.

- Students wishing to pursue a Bachelor's of Music in Performance (Orchestral Instrument, Voice, Keyboard, Music Theatre, Jazz, Guitar, Collaborative piano); Music Education, Music Therapy (Orchestral Instrument, Voice, Keyboard, Guitar); Music Composition (Orchestral Instrument, Voice, Keyboard, Guitar) should meet with a Herberger Institute enrollment representative to discuss audition preparation by their second term of study at the community college.



- The Bachelor of Music degree requires successful completion of an audition (live or recording) demonstrating a high level of musicianship. Depending on studio placement after the audition, newly admitted transfer students may require more than 2 years of study at ASU.

- **Class Piano:** Each music degree requires completion of class piano courses or equivalent proficiency demonstrated through a Piano Diagnostic Exam. Students who have completed MUP 131 at Maricopa Community Colleges will automatically receive equivalent course credit at ASU. Transfer students are encouraged to take the Piano Diagnostic Exam when they are in their last semester of class piano at the community college or other institution, or immediately upon transfer to ASU. Students can take a Piano Diagnostic Exam to test out of any of the Class Piano Requirement for their degree. Please refer to music.asu.edu/resources/new-students/diagnos for the **Piano Diagnostic Exam requirements** for each of the four semesters. The Piano Diagnostic Exam may be taken in-person or submitted by video.

- **Private Lessons/Studio Instruction:** Private lessons from prior institutions do not transfer automatically. Transfer students placed in MUP 111/127 will receive credit for three semesters of

| | | |
|---|--|---------------------------------|
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0 hrs  | Met by COM 225 |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|--|---|
| MTC 105: Music Theory I and MTC 106: Aural Perception I | 4 hrs | |
| MTC 155: Music Theory II and MTC 156: Aural Perception II | 4 hrs | |
| MTC 205: Music Theory III and MTC 206: Aural Perception III | 4 hrs  | |
| MTC 255: Music Theory IV and MTC 256: Aural Perception IV | 4 hrs  | |
| MUP 102: Private Instruction | 2 hrs | MUP 102, 152, 202, and 252: Placement and direct equivalency determined by audition only. Private instruction courses include designated suffix for appropriate instrument. |
| MUP 152: Private Instruction | 2 hrs | MUP 102, 152, 202, and 252: Placement and direct equivalency determined by audition only. Private instruction courses include designated suffix for appropriate instrument. |
| MUP 202: Private Instruction | 2 hrs | MUP 102, 152, 202, and 252: Placement and direct equivalency determined by audition only. Private instruction courses include designated suffix for appropriate instrument. |
| MUP 252: Private Instruction | 2 hrs | MUP 102, 152, 202, and 252: Placement and direct equivalency determined by audition only. Private instruction courses include designated suffix for appropriate instrument. |
| Second Language Requirement satisfied through the following: Completion of language course at the intermediate level (course must transfer to ASU at the 202 level or above). American Sign Language does not fulfill the degree requirements. | 0-16 hrs | Language Requirement: Select 101, 102, 201, 202 as needed to reach 4th semester proficiency. |
| Lower Division Elective | 0-5 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 64

MUP 111 from a community college or other institution after they successfully complete their end-of-semester juries to advance to MUP 311/327 at ASU. Transfer students who place in MUP 311/327 upon auditioning to ASU will receive credit for four semesters of MUP 111 from a community college or other institution.

• Large Performance Ensemble:

Ensemble credits from prior institutions do not transfer automatically. Transfer students placed in MUP 111/127 will receive credits for three semesters of MUP 111 from a community college or other institution when they successfully complete their end-of-semester juries to advance to MUP 311/327 at ASU. Transfer students who place in MUP 311/327 upon auditioning to ASU will receive credit for four semesters of MUP 111 from a community college or other institution.

• Diction for Singers (Italian, German, French) – Diction courses are required for BM in Performance (Voice). All courses must be completed with a "C" or better.

• MHL 241 and MHL 242: Transferring students who have completed MHL 241 and/or 242 are not required to take MHL 341 and/or 342 at ASU. Students who take these courses may elect alternate upper division MHL courses at ASU.

• Students interested in pursuing a degree BA in Music and BA in Music (Music and Culture) are required to complete a foreign language through the intermediate level (202 or equivalent).

• Additional recommended course options - (a max. of 64 semester hours of credit will be accepted as lower-division credit when transferred from a regionally accredited community, junior or two-year college).

Bachelor of Music in Music Education

(Acceptance into the School of Music is contingent upon a successful audition and interview the semester before transferring to ASU)

- Intro to the Exceptional Child
- United States and Arizona Social Studies
- Computer Literacy for Musicians

Bachelor of Music in Music Therapy

(Acceptance into the School of Music is contingent upon a successful audition and interview the semester before transferring to ASU)

- Human Anatomy and Physiology
- Human Development
- Introduction to the Exceptional Child
- Intro to Psychology
- Intro to Sociology
- Intro to Stats or Elements of Stats or Stats for Social Research/Justice & Government

Pathway Agreement



[Print](#)


Maricopa Community College District
Nonprofit Leadership and Management, BS Pathway
2020-2021


ASU Major: [Nonprofit Leadership and Management, BS | College of Public Service and Community Solutions](#)


Pathway Requirements


First Year Composition [FYC]
 ENG 101: First-Year Composition or
 ENG 107: First-Year Composition for ESL   3 hrs


ENG 102: First-Year Composition or
 ENG 108: First-Year Composition for ESL   3 hrs


Literacy and Critical Inquiry [L]
 COM 225: Public Speaking  3 hrs

Mathematical Studies [MA, CS]
 MAT 140: College Mathematics or
 MAT 141: College Mathematics or
 MAT 142: College Mathematics or
 MAT 145: College Mathematics with Review
 or
 MAT 146: College Mathematics with Review
 or
 Higher level course that meets MA
 requirement  3-6 hrs


Computer/Statistics/Quantitative Applications
 (CS)  3 hrs


Humanities, Arts, and Design [HU]
 Humanities, Arts, and Design  3 hrs


Humanities, Arts, and Design  3 hrs


Social-Behavioral Science [SB]
 AJS 101: Introduction To Criminal Justice  3 hrs AJS 101 satisfies one of the two courses for the
 Public Programs Interdisciplinary requirement.

SOC 101: Introduction to Sociology   3 hrs

Natural Science [SQ, SG]
 Natural Science  4 hrs Select at least one SQ within the Natural
 Science requirement.

Natural Science  4 hrs Select at least one SQ within the Natural
 Science requirement.

General Education Awareness Areas [C, H, G]
 Cultural Diversity in the U.S. [C]  0-3 hrs

Historical or Global Awareness [H] or [G]  0-3 hrs


Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Nonprofit Leadership & Management B.S. degree program.

MCCCD Additional Requirements

| | | |
|---|--|---------------------------------|
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs  | Met by COM 225 |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|----------|---|
| COM 259: COMMUNICATION IN BUSINESS & PROFESSIONS and COM 263: ELEMENTS OF INTERCULTURAL COMM | 6 hrs | |
| REC 210: Leisure Delivery Systems | 3 hrs | |
| REC 230: PROGRAMMING OF RECREATION SERVICES | 3 hrs | |
| SWU 171: Introduction to Social Welfare | 3 hrs | SWU 171 satisfies one of the two courses for the Public Programs Interdisciplinary requirement. |
| Lower Division Elective | 0-10 hrs | Lower Division Electives may include REC 250 and REC 120 if desired. |

Total Required Credits: 60

Pathway Agreement


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Maricopa Community College District
Nursing, BSN Pathway
2020-2021

ASU Major: **Nursing, BSN | College of Nursing and Health Innovation**


Pathway Requirements

First Year Composition

ENG 101: First-Year Composition or
 ENG 107: First-Year Composition for ESL  3 hrs

ENG 102: First-Year Composition or
 ENG 108: First-Year Composition for ESL  3 hrs


Mathematical Studies

MAT 140: College Mathematics or
 MAT 141: College Mathematics or
 MAT 142: College Mathematics or
 MAT 145: College Mathematics with Review or
 MAT 146: College Mathematics with Review or
 Higher level course that meets MA requirement  3-6 hrs May be satisfied by any course that transfers to ASU with a MA designation as shown in the Course Equivalency Guide.


Humanities, Arts, and Design


Humanities, Arts, and Design 3 hrs

Social-Behavioral Science

PSY 101: Introduction to Psychology  3 hrs

Natural Science

BIO 202: Human Anatomy and Physiology II  4 hrs

CHM 130: Fundamental Chemistry and
 CHM 130LL: Fundamental Chemistry
 Laborat OR  4 hrs

CHM 130AA: Fundamental Chemistry with
 Lab


AGEC Awareness Areas


Cultural Diversity in the US, Historical or Global 0 hrs ASU requires all three awareness areas (C, G, and H) for graduation. Student may select an HU General Education course that concurrently satisfies C, G, and/or H. Awareness areas may be completed at the community college or after transferring to ASU.

MCCCD Additional Requirements

CRE 101: College Critical Reading 0-3 hrs CRE 101 or equivalent.

Additional Lower Division Requirements

BIO 181: General Biology (Majors) I or
 BIO 181XT: General Bio (Majors) I  0-4 hrs

BIO 201: Human Anatomy and Physiology I  4 hrs

Pathway Notes

There are no notes for this pathway

Special Requirements



Completion of the Maricopa-ASU RN-BSN or Concurrent Enrollment (CEP) Pathway Programs and the special requirements satisfies the requirements for MCCCDC Associate of Applied Science degree, satisfies lower division RN-BSN major requirements, and upon receipt of all application materials, guarantees admission to the ASU RN-BSN program.

Special Requirements: A grade of "C" or better in each course and a minimum 2.50 cumulative GPA in the following courses is required for guaranteed admission: ENG 101, ENG 102, (or ENG 107, ENG 108) BIO 201, BIO 202, BIO 205, CHM 130 with lab, and PSY 101. In addition, students must complete the courses that meet the listed general studies requirements with a grade of "C" or better. These courses are not included in the 2.50 cumulative GPA computation. All remaining courses must be completed with a grade of "C" or better.

Students in the RN-BSN option must have a current RN license in good standing before taking the courses in the RN-BSN program (TWC/NUR).

All additional ASU General Studies requirements can be completed while enrolled in the RN-BSN program. All other requirements are selected by the student and must be completed prior to graduation from ASU.

ASU will accept up to 75 transfer credit hours from an Arizona community college for the BSN. ASU will accept up to 90 transfer credit hours for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information: <https://transfer.asu.edu/credits>

| | |
|---|---|
| BIO 205: Microbiology | 4 hrs |
| |  |
| NUR 152: Nursing Theory and Science I | 9 hrs |
| NUR 172: Nursing Theory and Science II | 9 hrs |
| NUR 252: Nursing Theory and Science III | 9 hrs |
| NUR 283: Nursing Theory and Science IV | 9 hrs |
| PSY 230: Introduction to Statistics OR | 3 hrs |
| |  |
| MAT 206: Elements of Statistics OR | |
| GBS 221: Business Statistics | |

Total Required Credits: 70

Pathway Agreement



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Maricopa Community College District
Nutritional Sciences, BS Pathway
2020-2021

ASU Major: [Nutritional Sciences, BS | College of Health Solutions](#)


Pathway Requirements

First Year Composition [FYC]

ENG 101: First-Year Composition or
 ENG 107: First-Year Composition for ESL   3 hrs

ENG 102: First-Year Composition or
 ENG 108: First-Year Composition for ESL   3 hrs

Literacy and Critical Inquiry [L]

EXS 290: Introduction to Evidence-Based
 Practice  3 hrs

Mathematical Studies [MA, CS]

MAT 150: College Algebra/Functions or
 MAT 151: College Algebra/Functions or
 MAT 152: College Algebra/Functions or
 MAT 155: College Algebra/Functions with Review or
 MAT 156: College Algebra/Functions with Review

  3-6 hrs

Please note that ASU requires College Algebra (MAT 150 or 151 or 152 or 155 or 156) or higher [MA] course regardless of the math course(s) taken for the AA, Emphasis in Nutritional Science degree.

GBS 221: Business Statistics or
 MAT 206: Elements of Statistics or
 SWU 225: Statistics for Social Research/Justice and Government

  3 hrs



Select MAT 206 if earning the AA, Emphasis in Nutritional Science degree.



Humanities, Arts, and Design [HU]

Humanities, Arts, and Design  3 hrs



Humanities, Arts, and Design  3 hrs



Social-Behavioral Science [SB]

PSY 101: Introduction to Psychology   3 hrs

Social-Behavioral Science [SB]   3 hrs

Natural Science [SQ, SG]

BIO 205: Microbiology   4 hrs

CHM 130: Fundamental Chemistry and
 CHM 130LL: Fundamental Chemistry
 Laboratory or
 CHM 130AA: Fundamental Chemistry with
 Lab OR   4-5 hrs

CHM 150: General Chemistry I and
 CHM 151LL: General Chemistry I Laboratory
 or
 CHM 150AA: General Chemistry I or
 CHM 151: General Chemistry I and
 CHM 151LL: General Chemistry I Laboratory
 or
 CHM 151AA: General Chemistry I



Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.


Special Requirements

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Emphasis in Nutritional Science and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Nutritional Sciences, BS degree program.

General Education Awareness Areas [C, H, G]


| | | |
|---|---------|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs |  |
| Historical or Global Awareness [H] or [G] | 0-3 hrs |  |


MCCCD Additional Requirements


| | | |
|---|---------|---|
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs |  |
|---|---------|---|

| | | |
|-----------------------------------|---------|---------------------------------|
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |
|-----------------------------------|---------|---------------------------------|

Additional Lower Division Requirements

| | | |
|--|-------|---|
| BIO 201: Human Anatomy and Physiology I or BIO 201XT: Human Anatomy and Physiology I | 4 hrs |  |
|--|-------|---|

| | | |
|--|-------|---|
| BIO 202: Human Anatomy and Physiology II | 4 hrs |  |
|--|-------|---|

| | | |
|---|-------|---|
| CHM 230: Fundamental Organic Chemistry and CHM 230LL: Fundamental Organic Chemistry Laboratory | 4 hrs |  |
|---|-------|---|

| | | |
|---------------------------------|-------|--|
| FON 100: Introductory Nutrition | 3 hrs | Required for the AA, Emphasis in Nutritional Science degree. |
|---------------------------------|-------|--|

| | | |
|----------------------------|-------|--|
| FON 142AB: Science of Food | 3 hrs | |
|----------------------------|-------|--|

| | | |
|---|---------|--|
| FON 241: Principles of Human Nutrition OR | 3-4 hrs | |
|---|---------|--|

| | | |
|---|--|--|
| FON 241: Principles of Human Nutrition and FON 241LL: Principles of Human Nutrition Laboratory | | |
|---|--|--|

| | | |
|-------------------------|---------|--|
| Lower Division Elective | 0-4 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |
|-------------------------|---------|--|

Total Required Credits: 60

Pathway Agreement

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**Maricopa Community College District
Organizational Leadership, BA Pathway
2020-2021**

ASU Major: [Organizational Leadership, BA | College of Integrative Sciences and Arts](#)

Pathway Requirements

| | | |
|---|-----------|--|
| MCCCD Additional Requirements | | |
| COM 100: Introduction to Human Communication OR | 0-3 hrs | May be shared with AGECE requirements: See aztransfer.com CEG for current AGECE values on these courses. |
| COM 110: Interpersonal Communication OR | | |
| COM 225: Public Speaking OR | | |
| COM 230: Small Group Communication | | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. CRE 101 may be used to meet Literacy and Critical Inquiry [L]. |
| Additional Lower Division Requirements | | |
| Maricopa AGECE - A, B, or S | 35 hrs | Complete courses to complete the Maricopa Arizona General Education Curriculum (AGECE) - A, B, or S based on your Associate's degree. A completed AGECE satisfies ASU's lower division general studies and first year composition. |
| MGT 229: Management and Leadership I | 3 hrs | |
| MGT 230: Management and Leadership II | 0-3 hrs | Can be taken after transfer but strongly recommended to complete before transfer. |
| Lower Division Elective | 28-37 hrs | Lower division electives may be taken to complete associate degree requirements. Up to a maximum total number of 75 credits may be transferred to ASU for students on this pathway. |

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Students must complete the MAPP and all special requirements, must have the Arizona General Education Curriculum (AGECE-A, AGECE-S, or AGECE-B) certified on their transcript and must have their Associate Degree (AA, AB, AS, or AAEE) completed and noted on their transcripts. Students satisfying these criteria meet ASU major map requirements and are guaranteed admission to the Organizational Leadership BA. degree program.

Special requirements: 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of "C" or better.

Total Required Credits: 75





Pathway Agreement


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Maricopa Community College District
Parks and Recreation Management, BS Pathway
2020-2021

ASU Major: [Parks and Recreation Management, BS | College of Public Service and Community Solutions](#)


Pathway Requirements


| | |
|--|---|
| First Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL |   3 hrs |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL |   3 hrs |


| | |
|--|--|
| Literacy and Critical Inquiry [L] COM 225: Public Speaking |  3 hrs |
|--|--|


| | |
|---|---|
| Mathematical Studies [MA, CS] MAT 140: College Mathematics or MAT 141: College Mathematics or MAT 142: College Mathematics or MAT 145: College Mathematics with Review or MAT 146: College Mathematics with Review or Higher level course that meets MA requirement |  3-6 hrs |
| Lower Division Computer/Statistics/Quantitative Applications |  3 hrs |


| | |
|--|---|
| Humanities, Arts, and Design [HU] Humanities, Arts, and Design |  3 hrs |
| Humanities, Arts, and Design |  3 hrs |


| | |
|---|---|
| Social-Behavioral Science [SB] REC 120: Leisure and the Quality of Life |  3 hrs |
|---|---|

| | | |
|---------------------------------------|---|---|
| Social-Behavioral Science [SB] |  3 hrs | The following courses from the Interdisciplinary Requirement Areas would all fulfill three credits of the Social & Behavioral Sciences AGEC requirement: AJS 101, AJS 225, AJS 270, PAD 200, and SWU 171. |
|---------------------------------------|---|---|

| | | |
|---|---|--|
| Natural Science [SQ, SG] Natural Science [SQ, SG] |  4 hrs | Select at least one SQ within the Natural Science requirement. |
|---|---|--|

| | | |
|---------------------------------|---|--|
| Natural Science [SQ, SG] |  4 hrs | Select at least one SQ within the Natural Science requirement. |
|---------------------------------|---|--|

| | |
|--|---|
| General Education Awareness Areas [C, H, G] Cultural Diversity in the U.S. [C] |  0-3 hrs |
|--|---|

| | | |
|--|---|---|
| Historical or Global Awareness [H] or [G] |  0-3 hrs | SWU 171 from the Interdisciplinary Requirement Areas would fulfill the Historical Awareness requirement |
|--|---|---|

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Parks & Recreation Management B.S. degree program.

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information: <https://transfer.asu.edu/credits>

MCCCD Additional Requirements

| | | |
|---|--|--|
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0 hrs  | MCCCD COM Requirement: Satisfied by COM 225. |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|----------|---|
| EXS 150: Introduction to Sports Management | 3 hrs | EXS 150: ASU Parks & Recreation Management BS requires 7 courses to fulfill the PRM Related Area requirement for graduation. The remaining 6 courses will be completed after transfer to ASU. |
| REC 210: Leisure Delivery Systems | 3 hrs | |
| REC 230: PROGRAMMING OF RECREATION SERVICES | 3 hrs | Fulfills ASU's PRM 203 requirement. |
| Interdisciplinary Requirement | 3-6 hrs | Select at least two courses from two different Interdisciplinary Requirement Area tracks. |
| Lower Division Elective | 0-13 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60

Track/Groups

Interdisciplinary Requirement

| Interdisciplinary Requirement | |
|--|---------------------------------------|
| AJS 101: Introduction To Criminal Just OR | Interdisciplinary Requirement Area #1 |
| Interdisciplinary Requirement | |
| AJS 212: Juvenile Justice Procedures OR | |
| AJS 225: Criminology OR | |
| AJS 109: Substantive Criminal Law OR | |
| Interdisciplinary Requirement | |
| AJS 270: Community Relations | |
| PAD 100: 21st Century Public Policy and Service OR | Interdisciplinary Requirement Area #2 |
| PAD 200: Public Affairs Economics | |
| SWU 171: Introduction to Social Welfare | Interdisciplinary Requirement Area #3 |

Pathway Agreement

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Maricopa Community College District



Parks and Recreation Management (Therapeutic Recreation), BS Pathway



2020-2021

ASU Major: [Parks and Recreation Management \(Therapeutic Recreation\), BS | College of Public Service and Community Solutions](#)


Pathway Requirements

First Year Composition [FYC]


ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL   3 hrs


ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL   3 hrs

Literacy and Critical Inquiry [L]


COM 225: Public Speaking  3 hrs Literacy & Critical Inquiry: Meets MCCCDCD Additional Communication Requirement below.

Mathematical Studies [MA, CS]

MAT 140: College Mathematics or
MAT 141: College Mathematics or
MAT 142: College Mathematics or
MAT 145: College Mathematics with Review
or
MAT 146: College Mathematics with Review
or
Higher level course that meets MA
requirement  3-6 hrs

Computer/Statistics/Quantitative Applications
[CS]  3 hrs


Humanities, Arts, and Design [HU]

SWU 183: Introductory Ethics: A Social
Service Perspective  3 hrs



Humanities, Arts, and Design [HU]  3 hrs


Social-Behavioral Science [SB]

CFS 205: Human Development  3 hrs


REC 120: Leisure and the Quality of Life  3 hrs


Natural Science [SQ, SG]

BIO 201: Human Anatomy and Physiology   4 hrs

Natural Science [SQ, SG]  4 hrs Lower Division Natural Science: Must be SQ-Science Quantitative.

General Education Awareness Areas [C, H, G]

Cultural Diversity in the U.S. [C]  0-3 hrs

Historical or Global Awareness [H] or [G]  0-3 hrs

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.



Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCCDCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Parks & Recreation Management (Therapeutic Recreation) B.S. degree program.

MCCCD Additional Requirements

| | | |
|---|--|--|
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0 hrs  | MCCCD COM Requirement: Satisfied by COM 225. |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|--|--|--|
| AJS 101: Introduction To Criminal Just | 3 hrs | |
| BIO 202: Human Anatomy and Physiology II or Lower Division Elective | 0-4 hrs  | BIO 202 is recommended for students seeking graduate education in health professions |
| EXS 101: Introduction to Exercise Science | 3 hrs | |
| PSY 101: Introduction to Psychology | 3 hrs  | |
| REC 210: Leisure Delivery Systems | 3 hrs | |
| REC 230: Programming of Recreation Services | 3 hrs | Fulfills ASU's PRM 203 requirement. |
| Lower Division Elective | 0-7 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 61

Pathway Agreement

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Maricopa Community College District Performance and Movement, BA Pathway 2020-2021

ASU Major: [Performance and Movement, BA | Herberger Institute for Design and the Arts](#)

Pathway Requirements

First Year Composition [FYC]

ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL



3 hrs

ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL



3 hrs

Literacy and Critical Inquiry [L]

THE 220: Modern Drama



3 hrs

THE 220 can count as [L] or [HU], but not both.

Mathematical Studies [MA, CS]

MAT 140: College Mathematics or
MAT 141: College Mathematics or
MAT 142: College Mathematics or
MAT 145: College Mathematics with Review
or
MAT 146: College Mathematics with Review
or
Higher level course that meets MA
requirement

3-6 hrs



Computer/Statistics/Quantitative Applications
[CS]

3 hrs



Humanities, Arts, and Design [HU]

Humanities, Arts, and Design [HU]

3 hrs

It is recommended to select a course which
satisfies [HU] and awareness area [C, H, or G]
requirements simultaneously.

Humanities, Arts, and Design [HU]

3 hrs



Social-Behavioral Science [SB]

Social-Behavioral Science [SB]

3 hrs

It is recommended to select a course which
satisfies [SB] and awareness area [C, H, or G]
requirements simultaneously.

Social-Behavioral Science [SB]

3 hrs



Natural Science [SQ, SG]

Natural Science [SQ, SG]

4 hrs

Select at least one SQ within the Natural
Science requirement

Natural Science [SQ, SG]

4 hrs

BIO 160 OR BIO 201 is required for the AAFA,
Emphasis in Dance

General Education Awareness Areas [C, H, G]

Cultural Diversity in the U.S. [C]

0-3 hrs



Historical or Global Awareness [H] or [G]

0-3 hrs



Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

- Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts degree and AGECA, meets major map requirements at ASU.
- Prospective transfer students for the BA in Performance and Movement (Dance and Theatre) program need to complete 8 credits from selected dance courses from MCCC to fulfill lower division Physical Practices requirement.

MCCCD Additional Requirements

COM 100: Introduction to Human Communication or
COM 110: Interpersonal Communication or
COM 225: Public Speaking or
COM 230: Small Group Communication



0-3 hrs

CRE 101: College Critical Reading 0-3 hrs Complete CRE 101 or equivalent.

Additional Lower Division Requirements

THP 112: Acting I 3 hrs

THP 217: Intro to Design Scenography 3 hrs

THP 214: Directing Techniques or
THE 118: Playwriting 3 hrs

Performance and Movement (Dance and Theatre) Lower Division Dance Elective 0-8 hrs Choose 8 credits of dance courses to fulfill specific lower division Physical Practices requirements at ASU from the course list below.

Lower Division Elective 0-16 hrs Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements.

Total Required Credits: 60

Track/Groups

Performance and Movement (Dance and Theatre) Lower Division Dance Elective

Performance and Movement (Dance and Theatre) Lower Division Dance Elective

- DAN 101AA: Social Dance: Ballroom or
- DAN 101AB: Social Dance: Swing or
- DAN 101AC: Social Dance: Latin or
- DAN 102AA: Hip Hop I or
- DAN 102AB: Hip Hop II or
- DAN 104AA: Ballroom I or
- DAN 104AB: Ballroom II or
- DAN 129: Musical Theatre Dance I or
- DAN 130: Musical Theatre Dance II or
- DAN 131: Ballet I or
- DAN 132: Modern Dance I or
- DAN 134: Ballet II or
- DAN 135: Modern Dance II or
- DAN 202AA: Hip Hop III or
- DAN 202AB: Hip Hop IV or
- DAN 231: Ballet III or
- DAN 231AA: Ballet III: Intensive or
- DAN 231PA: Ballet Intermediate Level or
- DAN 232: Modern Dance III or
- DAN 232AA: Modern Dance III: Intensive or
- DAN 232PA: Modern Dance Intermediate Level or
- DAN 234: Ballet IV or
- DAN 234AA: Ballet IV: Intensive or
- DAN 235: Modern Dance IV or
- DAN 235AA: Modern Dance IV: Intensive



















Pathway Agreement

Print

Maricopa Community College District Pharmacology and Toxicology, BS Pathway 2020-2021

ASU Major: [Pharmacology and Toxicology, BS | New College of Interdisciplinary Arts and Sciences](#)

Pathway Requirements

| | |
|--|---|
| First Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL |   3 hrs |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL |   3 hrs |
| Literacy and Critical Inquiry [L] Literacy and Critical Inquiry [L] |  3 hrs |
| Mathematical Studies [MA, CS] MAT 212: Brief Calculus or MAT 213: Brief Calculus |  3-4 hrs |
| GBS 221: Business Statistics or MAT 206: Elements of Statistics or SWU 225: Statistics for Social Research/Justice and Government |   3 hrs |
| Humanities, Arts, and Design [HU] Humanities, Arts, and Design [HU] |  3 hrs |
| Humanities, Arts, and Design [HU] |  3 hrs |
| Social-Behavioral Science [SB] Social-Behavioral Science [SB] |  3 hrs |
| Social-Behavioral Science [SB] |  3 hrs |
| Natural Science [SQ, SG] BIO 181: General Biology (Majors) I or BIO 181XT: General Biology (Majors) I |   4-5 hrs |
| BIO 182: General Biology (Majors) II |   4 hrs |
| General Education Awareness Areas [C, H, G] Cultural Diversity in the U.S. [C] |  0-3 hrs |
| Historical or Global Awareness [H] or [G] |  0-3 hrs |

MCCCD Additional Requirements


Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Pharmacology and Toxicology, B.S. degree program.

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information:
<https://transfer.asu.edu/credits>

| | | |
|--|--|--|
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs  | |
| CRE 101: College Critical Reading | 0-3 hrs  | Complete CRE 101 or equivalent. |
| Additional Lower Division Requirements | | |
| BIO 201: Human Anatomy and Physiology I or BIO 201XT: Human Anatomy and Physiology I | 4 hrs  | |
| BIO 202: Human Anatomy and Physiology II | 0-4 hrs  | Students may fulfill this requirement after transfer to ASU. |
| CHM 150: General Chemistry I and CHM 151LL: General Chemistry I Laboratory OR CHM 150AA: General Chemistry I OR CHM 151: General Chemistry I and CHM 151LL: General Chemistry I Laboratory OR CHM 151AA: General Chemistry I | 4-5 hrs  | |
| CHM 152: General Chemistry II and CHM 152LL: General Chemistry II Laboratory OR CHM 152AA: General Chemistry II OR CHM 154: General Chemistry II with Qualitative Analysis and CHM 154LL: General Chemistry II with Qualitative Lab | 4-5 hrs  | |
| CHM 235: General Organic Chemistry I and CHM 235LL: General Organic Chemistry I Lab | 4 hrs  | |
| CHM 236: General Organic Chemistry IIA and CHM 236LL: General Organic Chemistry IIA Laboratory | 4 hrs  | |
| PHY 111: General Physics I or PHY 111AA: General Physics I | 4-5 hrs  | |
| PHY 112: General Physics II | 0-4 hrs  | Students may fulfill this requirement after transfer to ASU. |
| Lower Division Elective | 0-1 hrs  | Within these elective credits, the New College of Interdisciplinary Arts and Sciences? Languages and Cultures Requirement may be fulfilled by completing one of the following options before transferring to ASU: Non-English language course at the intermediate level (202 or equivalent), including American Sign Language IV OR two (2) semesters of a current computer language (CSC110 and [CSC200 or CSC205]). Alternatively, students can meet ASU's Languages and Cultures Requirement after transferring by completing an additional 6 credits of upper-division Global or Cultural courses once at ASU. |

Total Required Credits: 60

Pathway Agreement



[Print](#)

Maricopa Community College District
Philosophy, BA Pathway
2020-2021


ASU Major: [Philosophy, BA](#) | College of Liberal Arts and Sciences


Pathway Requirements

First Year Composition [FYC]
 ENG 101: First-Year Composition or
 ENG 107: First-Year Composition for ESL   3 hrs


ENG 102: First-Year Composition or
 ENG 108: First-Year Composition for ESL   3 hrs

Literacy and Critical Inquiry [L]
 PHI 103: Introduction to Logic   3 hrs


Mathematical Studies [MA, CS]
 MAT 140: College Mathematics or
 MAT 141: College Mathematics or
 MAT 142: College Mathematics or
 MAT 145: College Mathematics with Review
 or
 MAT 146: College Mathematics with Review
 or
 Higher level course that meets MA
 requirement  3-6 hrs


Computer/Statistics/Quantitative Applications  3 hrs


Humanities, Arts, and Design [HU]
 PHI 101: Introduction to Philosophy   3 hrs


PHI 105: Introduction to Ethics or
 PHI 213: Medical and Bio-Ethics OR   3 hrs

PHI 104: World Philosophy or
 PHI 216: Environmental Ethics or
 PHI 218: Philosophy of Sexuality or
 PHI 224: Political Philosophy or
 PHI 244: Philosophy of Religion

Social-Behavioral Science [SB]
 Social-Behavioral Science  3 hrs

Social-Behavioral Science  3 hrs

Natural Science [SQ, SG]
 Natural Science [SQ, SG]  4 hrs Select at least one SQ within the Natural Science requirement.

Natural Science [SQ, SG]  4 hrs



General Education Awareness Areas [C, H, G]


Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

The recommended MCCCDC associate degree pathway and Arizona General Education Certificate (AGEC) for this major is the Associate in Arts, Emphasis in Philosophy degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Philosophy, BA degree program.

| | | |
|---|---------|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs |  |
| Historical or Global Awareness [H] or [G] | 0-3 hrs |  |

| | | |
|--|---------|---|
| MCCCD Additional Requirements COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs |  |
|--|---------|---|

| | | |
|-----------------------------------|---------|---------------------------------|
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |
|-----------------------------------|---------|---------------------------------|

| | | |
|--|----------|--|
| Additional Lower Division Requirements | | |
| Lower Division Second Language: Requirement satisfied through the following: Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 0-16 hrs | Second Language: Select 101, 102, 201, 202 as needed to reach 4th semester proficiency. You may select specific courses from the Course Equivalency Guide that satisfy these criteria. Determination is made based on the semester and year the course is taken. |
| Lower Division Elective | 0-25 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60

Pathway Agreement



[Print](#)

Maricopa Community College District
Philosophy (Morality, Politics and Law), BA Pathway
2020-2021


ASU Major: [Philosophy \(Morality, Politics and Law\), BA](#) | [The College of Liberal Arts and Sciences](#)


Pathway Requirements



First Year Composition [FYC]
 ENG 101: First-Year Composition or
 ENG 107: First-Year Composition for ESL   3 hrs


ENG 102: First-Year Composition or
 ENG 108: First-Year Composition for ESL   3 hrs


Literacy and Critical Inquiry [L]
 Literacy and Critical Inquiry [L]   3 hrs

Mathematical Studies [MA, CS]
 MAT 140: College Mathematics or
 MAT 141: College Mathematics or
 MAT 142: College Mathematics or
 MAT 145: College Mathematics with Review
 or
 MAT 146: College Mathematics with Review
 or
 Higher level course that meets MA
 requirement  3-6 hrs


Computer/Statistics/Quantitative Applications  3 hrs

Humanities, Arts, and Design [HU]
 PHI 101: Introduction to Philosophy or
 PHI 102: Introduction to Philosophy OR   3 hrs
 PHI 103: Introduction to Logic OR
 PHI 105: Introduction to Ethics

Humanities, Arts, and Design [HU]  3 hrs

Social-Behavioral Science [SB]
 Social-Behavioral Science [SB]  3 hrs

Social-Behavioral Science [SB]  3 hrs

Natural Science [SQ, SG]
 Natural Science [SQ, SG]  4 hrs Select at least one SQ within the Natural Science requirement.

Natural Science [SQ, SG]  4 hrs



General Education Awareness Areas [C, H, G]


Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Emphasis in Philosophy degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Philosophy (Morality, Politics and Law) B.A. degree program.

| | | |
|---|---------|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs |  |
| Historical or Global Awareness [H] or [G] | 0-3 hrs |  |

| | | |
|--|---------|---|
| MCCCD Additional Requirements COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs |  |
|--|---------|---|

| | | |
|-----------------------------------|---------|---------------------------------|
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |
|-----------------------------------|---------|---------------------------------|

| | | |
|--|----------|--|
| Additional Lower Division Requirements | | |
| Lower Division Second Language: Requirement satisfied through the following: Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 0-16 hrs | Second Language: Select 101, 102, 201, 202 as needed to reach 4th semester proficiency. You may select specific courses from the Course Equivalency Guide that satisfy these criteria. Determination is made based on the semester and year the course is taken. |
| Lower Division Elective | 0-25 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60

Pathway Agreement

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Maricopa Community College District Philosophy, Religion and Society, BA Pathway 2020-2021

ASU Major: [Philosophy, Religion and Society, BA | New College of Interdisciplinary Arts and Sciences](#)

Pathway Requirements

First Year Composition [FYC]

ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL



3 hrs

ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL



3 hrs

Literacy and Critical Inquiry [L]

Literacy and Critical Inquiry [L]



3 hrs

Mathematical Studies [MA, CS]

MAT 140: College Mathematics or
MAT 141: College Mathematics or
MAT 142: College Mathematics or
MAT 145: College Mathematics with Review
or
MAT 146: College Mathematics with Review
or
Higher level course that meets MA
requirement



3-6 hrs

Computer/Statistics/Quantitative Applications



3 hrs

Humanities, Arts, and Design [HU]

PHI 101: Introduction to Philosophy



3 hrs

REL 100: World Religions



3 hrs

REL 100 also meets Global [G] Awareness
requirement.

Social-Behavioral Science [SB]

Social-Behavioral Science [SB]



3 hrs

Social-Behavioral Science [SB]



3 hrs

Natural Science [SQ, SG]

Natural Science [SQ, SG]



4 hrs

Select at least one SQ within the Natural
Science requirement.

Natural Science [SQ, SG]



4 hrs

Select at least one SQ within the Natural
Science requirement.

General Education Awareness Areas [C, H, G]

Cultural Diversity in the U.S. [C]



0-3 hrs

Historical or Global Awareness [H] or [G]



0 hrs

3 hours [G] satisfied by REL 100.

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

The recommended MCCCDC associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Emphasis in Philosophy degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Philosophy, Religion and Society, B.A. degree program.

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information:
<https://transfer.asu.edu/credits>

MCCCD Additional Requirements

COM 100: Introduction to Human Communication or
COM 110: Interpersonal Communication or
COM 225: Public Speaking or
COM 230: Small Group Communication

0-3 hrs


CRE 101: College Critical Reading 0-3 hrs Complete CRE 101 or equivalent.

Additional Lower Division Requirements

PHI 103: Introduction to Logic or
PHI 105: Introduction to Ethics

3 hrs


PHI 103 may be used to fulfill [L] requirement.

Related Area Courses

6 hrs

Select two (2) courses for a total of six (6) credits that transfer to ASU as direct equivalents or departmental elective credit (DEC) in the following ASU prefixes: ENG, ETH, HST, IAP, IAS, PHI, REL, SPA, or WST.

Lower Division Elective

0-16 hrs

Within these elective credits, the New College of Interdisciplinary Arts and Sciences' Languages and Cultures Requirement may be fulfilled by completing one of the following options before transferring to ASU: Non-English language course at the intermediate level (202 or equivalent), including American Sign Language IV OR two (2) semesters of a current computer language (CSC110 and [CSC200 or CSC205]). Alternatively, students can meet ASU's Languages and Cultures Requirement after transferring by completing an additional 6 credits of upper-division Global or Cultural courses once at ASU.

Total Required Credits: 60

Pathway Agreement

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Maricopa Community College District
Physics, BA Pathway
2020-2021

ASU Major: [Physics, BA](#) | College of Liberal Arts and Sciences

Pathway Requirements

First-Year Composition [FYC]

ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL



3 hrs

ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL



3 hrs

Literacy and Critical Inquiry [L]

Literacy and Critical Inquiry [L]

0-3 hrs



Recommend selecting a course that satisfies (L and SB) or (L and HU), or (L and COM), or (L and CRE101) requirements simultaneously.

Mathematical Studies [MA]

MAT 220: Calculus with Analytic Geometry I
or
MAT 221: Calculus with Analytic Geometry I



4-5 hrs

Humanities, Arts, and Design [HU]

Humanities, Arts, and Design [HU]

3 hrs



Humanities, Arts, and Design [HU]

3 hrs



Social-Behavioral Science [SB]

Social-Behavioral Science [SB]

3 hrs



Social-Behavioral Science [SB]

3 hrs



Natural Science [SQ, SG]

PHY 121: UNIVERSITY PHYSICS I:
MECHANICS or
PHY 115: University Physics I



4-5 hrs

PHY 131: University Physics II: Electricity
and Magnetism or

PHY 116: University Physics II



4-5 hrs

Subject Options

MAT 230: Calculus with Analytic Geometry II
or
MAT 231: Calculus with Analytic Geometry II



4-5 hrs

MAT 240: Calculus with Analytic Geometry III
or
MAT 241: Calculus with Analytic Geometry III



4-5 hrs



General Education Awareness Areas [C, H, G]

Pathway Notes


Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements


The recommended MCCCDC associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Science, Emphasis in Physics degree and AGEC-S. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Physics, BA degree program.

| | |
|---|--|
| Cultural Diversity in the U.S. [C] | 0-3 hrs  |
| Historical or Global Awareness [H] or [G] | 0-3 hrs  |

MCCCD Additional Requirements

| | |
|---|--|
| COM 100: Introduction to Human Communication OR | 0-3 hrs  |
| COM 110: Interpersonal Communication OR | |
| COM 225: Public Speaking OR | |
| COM 230: Small Group Communication | |
| CRE 101: College Critical Reading | 0-3 hrs Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | |
|--|---|
| CHM 150: General Chemistry I and CHM 151LL: General Chemistry I Laboratory OR | 4-5 hrs  |
| CHM 151: General Chemistry I and CHM 151LL: General Chemistry I Laboratory OR | |
| CHM 150AA: General Chemistry I or CHM 151AA: General Chemistry I | |
| PHY 241: University Physics III: Thermodynamics, Optics, and Wave Phenomena | 0-4 hrs If taking PHY 241 at the community college, MAT 276 or 277: Modern Differential Equations AND MAT 225: Elementary Linear Algebra should also be taken. Students who do not take differential equations and linear algebra will need to take PHY 201 at ASU before continuing on. |
| Lower Division Second Language: Requirement satisfied through the following: Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 0-16 hrs Second Language: Select 101, 102, 201, 202 as needed to reach 4th semester proficiency. |
| Lower Division Elective | 0-18 hrs Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. Per Maricopa to complete the AS Physics degree requirements, students must take MAT 225 and either (MAT 276 or MAT 277). |

Total Required Credits: 60

Pathway Agreement



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Maricopa Community College District
Physics, BS Pathway
2020-2021

ASU Major: [Physics, BS](#) | College of Liberal Arts and Sciences


Pathway Requirements

First-Year Composition [FYC]



ENG 101: First-Year Composition or
 ENG 107: First-Year Composition for ESL   3 hrs

ENG 102: First-Year Composition or
 ENG 108: First-Year Composition for ESL   3 hrs


Literacy and Critical Inquiry [L]

Literacy and Critical Inquiry [L]  0-3 hrs Recommend selecting a course that satisfies Literacy & Critical Inquiry, Social-Behavioral Sciences, Humanities & Fine Arts, COM, or CRE 101 requirements.

Mathematical Studies [MA]


MAT 220: Calculus with Analytic Geometry I
 or
 MAT 221: Calculus with Analytic Geometry I   4-5 hrs


Humanities, Arts, and Design [HU]

Humanities, Arts, and Design  3 hrs



Humanities, Arts, and Design  3 hrs



Social-Behavioral Science [SB]

Social-Behavioral Science  3 hrs



Social-Behavioral Science  3 hrs



Natural Science [SQ, SG]

PHY 121: UNIVERSITY PHYSICS I:
 MECHANICS or
 PHY 115: University Physics I   4-5 hrs

PHY 131: University Physics II: Electricity
 and Magnetism or
 PHY 116: University Physics II   4-5 hrs

Subject Options

MAT 230: Calculus with Analytic Geometry II
 or
 MAT 231: Calculus with Analytic Geometry II   4-5 hrs

MAT 240: Calculus with Analytic Geometry III
 or
 MAT 241: Calculus with Analytic Geometry III   4-5 hrs



General Education Awareness Areas [C, H, G]

Pathway Notes


Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Science, Emphasis in Physics degree and AGEC-S. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Physics, BS degree program.

| | | |
|---|---------|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs |  |
| Historical or Global Awareness [H] or [G] | 0-3 hrs |  |

MCCCD Additional Requirements

| | | |
|---|---------|---|
| COM 100: Introduction to Human Communication OR | 0-3 hrs |  |
| COM 110: Interpersonal Communication OR | | |
| COM 225: Public Speaking OR | | |
| COM 230: Small Group Communication | | |
| CRE 101: College Critical Reading | 0-3 hrs | |

Complete CRE 101 or equivalent.

Additional Lower Division Requirements

| | | |
|---|----------|---|
| PHY 241: University Physics III: Thermodynamics, Optics, and Wave Phenomena | 0-4 hrs | If taking PHY 241 at the community college MAT 276 or 277: Modern Differential Equations AND MAT 225: Elementary Linear Algebra should also be taken. Students who do not take differential equations and linear algebra will need to take PHY 201 at ASU before continuing on. |
| Lower Division Elective | 0-22 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. Per Maricopa to complete the AS Physics degree requirements, students must take MAT 225 and either (MAT 276 or MAT 277). |

Total Required Credits: 60





Pathway Agreement


Print



Maricopa Community College District
Political Science, BA Pathway
2020-2021



ASU Major: **Political Science, BA | New College of Interdisciplinary Arts and Sciences**



Pathway Requirements



| | |
|--|--|
| First Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL | 3 hrs   |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL | 3 hrs   |



| | |
|--|---|
| Literacy and Critical Inquiry [L] COM 225: Public Speaking | 3 hrs  |
|--|---|

| | |
|---|--|
| Mathematical Studies [MA, CS] MAT 140: College Mathematics or MAT 141: College Mathematics or MAT 142: College Mathematics or MAT 145: College Mathematics with Review or MAT 146: College Mathematics with Review or Higher level math course that meets [MA] requirement. | 3-6 hrs  |
| Computer/Statistics/Quantitative Applications | 3 hrs  |

| | |
|--|--|
| Humanities, Arts, and Design [HU] Humanities, Arts, and Design | 3 hrs  |
| Humanities, Arts, and Design | 3 hrs  |

| | |
|--|--|
| Social-Behavioral Science [SB] POS 110: American National Government | 3 hrs   |
| POS 120: World Politics or POS 140: Comparative Government | 3 hrs   |

| | | |
|---|--|--|
| Natural Science [SQ, SG] Natural Science [SQ, SG] | 4 hrs  | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs  | |

| | | |
|--|--|---|
| General Education Awareness Areas [C, H, G] Cultural Diversity in the U.S. [C] | 0-3 hrs  | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs  | 3 hrs [G] satisfied by POS 120/POS 140 course option. |

Pathway Notes


Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

The recommended MCCCDC associate degree pathway and Arizona General Education Certificate (AGEC) for this major is the Associate in Arts, Political Science degree and AGECE-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Political Science, BA degree program.

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information: <https://transfer.asu.edu/credits>

MCCCD Additional Requirements

| | | |
|---|---|---------------------------------|
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0 hrs  | Met by COM 225 [L] |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|----------|--|
| POS 210: Political Ideologies | 3 hrs | |
| Lower Division Political Science Elective | 3 hrs | Select course that transfers to ASU with the POS prefix. |
| Related Area Courses | 9 hrs | Select 3 courses that transfer to ASU as direct equivalencies or department elective credit (DEC) in the following ASU prefixes: ASB, COM, ECN, GCU, HST, JHR, POS, PSY, SBS, SOC, or WST. ASU requires 12 hours of related coursework. 9 hours to be completed prior to transfer to ASU. You may select specific courses from the Course Equivalency Guide that satisfy these criteria. Determination is made based on the semester and year the course is taken. |
| Lower Division Elective | 0-10 hrs | Within these elective credits, the New College of Interdisciplinary Arts and Sciences' Languages and Cultures Requirement may be fulfilled by completing one of the following options before transferring to ASU: Non-English language course at the intermediate level (202 or equivalent), including American Sign Language IV OR two (2) semesters of a current computer language (CSC110 and [CSC200 or CSC205]). Alternatively, students can meet ASU's Languages and Cultures Requirement after transferring by completing an additional 6 credits of upper-division Global or Cultural courses once at ASU. |

Total Required Credits: 60





Pathway Agreement


[Print](#)


Maricopa Community College District
Political Science, BA Pathway
2020-2021


ASU Major: [Political Science, BA](#) | College of Liberal Arts and Sciences


Pathway Requirements


| | | |
|--|---|-------|
| First Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL |   | 3 hrs |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL |   | 3 hrs |




| | | |
|--|--|-------|
| Literacy and Critical Inquiry [L] COM 225: Public Speaking |  | 3 hrs |
|--|--|-------|


| | | |
|---|---|---------|
| Mathematical Studies [MA, CS] MAT 140: College Mathematics or MAT 141: College Mathematics or MAT 142: College Mathematics or MAT 145: College Mathematics with Review or MAT 146: College Mathematics with Review or Higher level course that meets MA requirement |  | 3-6 hrs |
|---|---|---------|


| | | |
|---|---|-------|
| Computer/Statistics/Quantitative Applications [CS] |  | 3 hrs |
|---|---|-------|


| | | |
|--|---|-------|
| Humanities, Arts, and Design [HU] Humanities, Arts, and Design |  | 3 hrs |
|--|---|-------|


| | | |
|------------------------------|---|-------|
| Humanities, Arts, and Design |  | 3 hrs |
|------------------------------|---|-------|

| | | |
|--|---|-------|
| Social-Behavioral Science [SB] POS 110: American National Government |   | 3 hrs |
| POS 210: Political Ideologies |  | 3 hrs |

| | | | |
|---|---|-------|--|
| Natural Science [SQ, SG] Natural Science [SQ, SG] |  | 4 hrs | Select at least one SQ within the Natural Science requirement. |
|---|---|-------|--|

| | | |
|--------------------------|---|-------|
| Natural Science [SQ, SG] |  | 4 hrs |
|--------------------------|---|-------|

| | | |
|--|---|---------|
| General Education Awareness Areas [C, H, G] Cultural Diversity in the U.S. [C] |  | 0-3 hrs |
|--|---|---------|

| | | | |
|---|---|-------|-------------------------------------|
| Historical or Global Awareness [H] or [G] |  | 0 hrs | 3 hours [G] met by POS 120/POS 140. |
|---|---|-------|-------------------------------------|


Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.


Special Requirements

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major is the Associate in Arts, Political Science degree and AGECE-A. Completion of the MAPP and all special requirements at ASU and guarantees admission to the Political Science, BA degree program.

MCCCD Additional Requirements

| | | |
|---|---|---------------------------------|
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication |  0 hrs | Met by COM225 [L] |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|--|---|---|
| POS 120: World Politics or POS 140: Comparative Government |  3 hrs | |
| Related Area Elective | 0-12 hrs | Choose four Related Area courses that transfer to ASU as direct equivalencies or Departmental Elective credit (DEC) with the following ASU prefixes: AES, AFR, AIS, APA, ASB, ASM, COM, ECN, FAS, GCU, GPH, HST, JUS, MIS, PHI, PSY, REL, SGS, SOC, TCL, WST. Four courses fulfill the Related Area requirement. This requirement may be met within the AGEC-A. Twelve hours of related field coursework is required for graduation and may be satisfied at the lower division level or completed after transfer to ASU. You may select specific courses from the Course Equivalency Guide that satisfy these criteria. Determination is made based on the semester and year the course is taken. |
| POS Elective | 3 hrs | Select one course that transfers to ASU as a direct equivalent or Departmental Elective credit (DEC) in the POS prefix. |
| Lower Division Second Language: Requirement satisfied through the following: Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 0-16 hrs | Lower division second language: Select 101, 102, 201, 202 as needed to reach 4th semester proficiency. You may select specific courses from the Course Equivalency Guide that satisfy these criteria. Determination is made based on the semester and year the course is taken. |
| Lower Division Elective | 0-19 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60





Pathway Agreement


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Maricopa Community College District
Political Science, BS Pathway
2020-2021


ASU Major: **Political Science, BS | New College of Interdisciplinary Arts and Sciences**


Pathway Requirements


| | |
|--|--|
| First Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL | 3 hrs   |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL | 3 hrs   |

| | |
|--|---|
| Literacy and Critical Inquiry [L] COM 225: Public Speaking | 3 hrs  |
|--|---|



| | |
|---|--|
| Mathematical Studies [MA, CS] MAT 140: College Mathematics or MAT 141: College Mathematics or MAT 142: College Mathematics or MAT 145: College Mathematics with Review or MAT 146: College Mathematics with Review or Higher level course that meets MA requirement | 3-6 hrs  |
|---|--|


| | |
|---|--|
| Computer/Statistics/Quantitative Applications [CS] | 3 hrs  |
|---|--|


| | |
|--|--|
| Humanities, Arts, and Design [HU] Humanities, Arts, and Design | 3 hrs  |
|--|--|


| | |
|------------------------------|--|
| Humanities, Arts, and Design | 3 hrs  |
|------------------------------|--|


| | |
|--|--|
| Social-Behavioral Science [SB] POS 110: American National Government | 3 hrs   |
|--|--|

| | |
|---|--|
| POS 120: World Politics or POS 140: Comparative Government | 3 hrs   |
|---|--|

| | | |
|---|--|--|
| Natural Science [SQ, SG] Natural Science [SQ, SG] | 4 hrs  | Select at least one SQ within the Natural Science requirement. |
|---|--|--|

| | |
|--------------------------|--|
| Natural Science [SQ, SG] | 4 hrs  |
|--------------------------|--|

| | |
|--|--|
| General Education Awareness Areas [C, H, G] Cultural Diversity in the U.S. [C] | 0-3 hrs  |
|--|--|

| | | |
|---|--|---|
| Historical or Global Awareness [H] or [G] | 0 hrs  | 3 hours [G] satisfied by POS 120/POS 140 requirement. |
|---|--|---|

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

The recommended MCCCDC associate degree pathway and Arizona General Education Certificate (AGEC) for this major is the Associate in Arts, Political Science degree and AGECE-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Political Science, BS degree program.

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information: <https://transfer.asu.edu/credits>

MCCCD Additional Requirements

| | | |
|---|---------|---------------------------------|
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0 hrs | Met by COM 225 [L] |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|-------------------------------|---------|--|
| POS 210: Political Ideologies | 3 hrs | |
| POS Elective | 6 hrs | Select 6 credits that transfer to ASU with the POS prefix. |
| Related Area Courses | 12 hrs | Select 12 credits that transfer to ASU as direct equivalencies or departmental elective credit (DEC) in the following ASU prefixes: AES, AFR, AIS, APA, ASB, ASM, COM, ECN, FAS, GCU, GPH, HST, JUS, MIS, PHI, PSY, REL, SGS, SOC, TCL, WST. ASU requires 12 hours of related coursework. You may select specific courses from the Course Equivalency Guide that satisfy these criteria. Determination is made based on the semester and year the course is taken. |
| Lower Division Elective | 0-4 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60





Pathway Agreement


Print


Maricopa Community College District
Political Science, BS Pathway
2020-2021


ASU Major: [Political Science, BS](#) | College of Liberal Arts and Sciences


Pathway Requirements


| | |
|--|---|
| First Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL |   3 hrs |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL |   3 hrs |



| | |
|--|--|
| Literacy and Critical Inquiry [L] COM 225: Public Speaking |  3 hrs |
|--|--|


| | |
|---|---|
| Mathematical Studies [MA, CS] MAT 140: College Mathematics or MAT 141: College Mathematics or MAT 142: College Mathematics or MAT 145: College Mathematics with Review or MAT 146: College Mathematics with Review or Higher level course that meets MA requirement |  3-6 hrs |
|---|---|


| | |
|---|---|
| Computer/Statistics/Quantitative Applications [CS] |  3 hrs |
|---|---|


| | |
|--|---|
| Humanities, Arts, and Design [HU] Humanities, Arts, and Design |  3 hrs |
|--|---|


| | |
|------------------------------|---|
| Humanities, Arts, and Design |  3 hrs |
|------------------------------|---|

| | |
|--|---|
| Social-Behavioral Science [SB] POS 110: American National Government |   3 hrs |
| POS 210: Political Ideologies |  3 hrs |

| | | |
|---|---|--|
| Natural Science [SQ, SG] Natural Science [SQ, SG] |  4 hrs | Select at least one SQ within the Natural Science requirement. |
|---|---|--|

| | |
|--------------------------|---|
| Natural Science [SQ, SG] |  4 hrs |
|--------------------------|---|

| | |
|--|---|
| General Education Awareness Areas [C, H, G] Cultural Diversity in the U.S. [C] |  0-3 hrs |
|--|---|

| | | |
|---|---|-------------------------------------|
| Historical or Global Awareness [H] or [G] |  0 hrs | 3 hours [G] met by POS 120/POS 140. |
|---|---|-------------------------------------|

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major is the Associate in Arts, Political Science degree and AGECE-A. Completion of the MAPP and all special requirements at ASU and guarantees admission to the Political Science, BS degree program.

MCCCD Additional Requirements

COM 100: Introduction to Human Communication or
COM 110: Interpersonal Communication or
COM 225: Public Speaking or
COM 230: Small Group Communication



0 hrs Met by COM 225 [L]

CRE 101: College Critical Reading

0-3 hrs

Complete CRE 101 or equivalent.

Additional Lower Division Requirements

POS 120: World Politics or
POS 140: Comparative Government



3 hrs POS 120 or POS 140 also fulfills Global Awareness [G]

Related Area Courses

0-12 hrs

Choose four Related Area courses that transfer to ASU as direct equivalencies or Departmental Elective credit (DEC) with the following ASU prefixes: AES, AFR, AIS, APA, ASB, ASM, COM, ECN, FAS, GCU, GPH, HST, JUS, MIS, PHI, PSY, REL, SGS, SOC, TCL, WST. Four courses fulfill the Related Area requirement. This requirement may be met within the AGEC-A. Twelve hours of Related Area requirement is required for graduation and may be satisfied at the lower division level or may be completed after transfer to ASU. You may select specific courses from the Course Equivalency Guide that satisfy these criteria. Determination is made based on the semester and year the course is taken.

POS Elective

6 hrs

Select two courses that transfer to ASU as a direct equivalencies or Departmental Elective credits (DEC) in the POS prefix.

Lower Division Elective

0-16 hrs

Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements.

Total Required Credits: 60





Pathway Agreement


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Maricopa Community College District
Political Science, BS Pathway
2020-2021


ASU Major: [Political Science, BS](#) | College of Integrative Sciences and Arts


Pathway Requirements


| | |
|---|--|
| First Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL | 3 hrs   |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL | 3 hrs   |

| | |
|---|---|
| Literacy and Critical Inquiry [L] COM 225: Public Speaking | 3 hrs  |
|---|---|


| | |
|--|--|
| Mathematical Studies [MA, CS] MAT 140: College Mathematics or MAT 141: College Mathematics or MAT 142: College Mathematics or MAT 145: College Mathematics with Review or MAT 146: College Mathematics with Review or Higher level course that meets MA requirement | 3-6 hrs  |
|--|--|


| | |
|--|--|
| Computer/Statistics/Quantitative Applications [CS] | 3 hrs  |
|--|--|


| | |
|---|--|
| Humanities, Arts, and Design [HU] Humanities, Arts, and Design | 3 hrs  |
|---|--|


| | |
|------------------------------|--|
| Humanities, Arts, and Design | 3 hrs  |
|------------------------------|--|


| | |
|---|--|
| Social-Behavioral Science [SB] POS 110: American National Government | 3 hrs   |
|---|--|

| | |
|---|--|
| POS 120: World Politics or POS 140: Comparative Government | 3 hrs  |
|---|--|

| | | |
|--|--|--|
| Natural Science [SQ, SG] Natural Science [SQ, SG] | 4 hrs  | Select at least one SQ within the Natural Science requirement. |
|--|--|--|

| | |
|--------------------------|--|
| Natural Science [SQ, SG] | 4 hrs  |
|--------------------------|--|

| | |
|---|--|
| General Education Awareness Areas [C, H, G] Cultural Diversity in the U.S. [C] | 0-3 hrs  |
|---|--|

| | | |
|---|--|---|
| Historical or Global Awareness [H] or [G] | 0 hrs  | 3 hours [G] satisfied by POS 120/POS 140. |
|---|--|---|

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.


Special Requirements

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major is the Associate in Arts, Political Science degree and AGECE-A. Completion of the MAPP and all special requirements at ASU and guarantees admission to the Political Science, BS degree program.

MCCCD Additional Requirements

| | | |
|---|--|---------------------------------|
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0 hrs  | Met by COM225 [L] |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|-------------------------------|--|---|
| POS 210: Political Ideologies | 3 hrs  | |
| POS Elective | 6 hrs | Select 6 credits that transfer to ASU with the POS prefix. |
| Related Area Courses | 12 hrs | Select 9 credits that transfer to ASU as direct equivalencies or departmental elective credit (DEC) in the following ASU prefixes: AES, AFR, AIS, APA, ASB, ASM, COM, ECN, FAS, GCU, GPH, HST, JUS, MIS, PHI, PSY, REL, SGS, SOC, TCL, WST. ASU requires 12 hours of related coursework. You may select specific courses from the Course Equivalency Guide that satisfy these criteria. Determination is made based on the semester and year the course is taken. |
| Lower Division Elective | 0-4 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60

Pathway Agreement



[Print](#)



Maricopa Community College District Politics and the Economy, BS Pathway 2020-2021

ASU Major: [Politics and the Economy, BS](#) | College of Liberal Arts and Sciences


Pathway Requirements

First Year Composition [FYC]


ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL   3 hrs


ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL   3 hrs

Literacy and Critical Inquiry [L]

Literacy and Critical Inquiry [L]  3 hrs


Mathematical Studies [MA, CS]

MAT 212: Brief Calculus or
MAT 213: Brief Calculus  3-4 hrs Students considering graduate work in economics should select MAT 220 (5 credits) or MAT 221 (4 credits) instead of MAT 212/213.


Computer/Statistics/Quantitative Applications [CS]  3 hrs



Humanities, Arts, and Design [HU]

Humanities, Arts, and Design [HU]  3 hrs


Humanities, Arts, and Design [HU]  3 hrs


Social-Behavioral Science [SB]

POS 110: American National Government  3 hrs


POS 120: World Politics or
POS 140: Comparative Government   3 hrs POS 120 and POS 140 will also satisfy the Global Awareness (G)


Natural Science [SQ, SG]

Natural Science [SQ, SG]  4 hrs Select at least one SQ within the Natural Science requirement.

Natural Science [SQ, SG]  4 hrs

General Education Awareness Areas [C, H, G]

Cultural Diversity in the U.S. [C]  0-3 hrs

Historical or Global Awareness [H] or [G]  0 hrs POS120 and POS140 will satisfy Global Awareness (G)



MCCCD Additional Requirements

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Politics and the Economy, BS program.

| | | |
|---|--|--|
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs  | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |
| Additional Lower Division Requirements | | |
| ECN 211: Macroeconomic Principles | 3 hrs | |
| ECN 212: Microeconomic Principles | 3 hrs  | |
| MAT 217: Mathematical Analysis for Business or MAT 218: Mathematical Analysis for Business | 3-5 hrs | Students considering graduate work in economics should select MAT 230 (5 credits) or 231 (4 credits) instead of MAT 217/218. |
| POS 210: Political Ideologies | 3 hrs | |
| Lower Division Elective | 1-13 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60

Pathway Agreement



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Maricopa Community College District
Psychology, BA Pathway
2020-2021



ASU Major: **Psychology, BA | New College of Interdisciplinary Arts and Sciences**

Pathway Requirements



First Year Composition [FYC]
 ENG 101: First-Year Composition or
 ENG 107: First-Year Composition for ESL   3 hrs


ENG 102: First-Year Composition or
 ENG 108: First-Year Composition for ESL   3 hrs

Literacy and Critical Inquiry [L]
 Literacy and Critical Inquiry [L] 3 hrs



Mathematical Studies [MA, CS]
 MAT 172: Finite Mathematics or
 MAT 187: Precalculus or
 MAT 212: Brief Calculus or
 MAT 213: Brief Calculus OR   3-9 hrs


MAT 150: College Algebra/Functions and
 MAT 182: Plane Trigonometry or
 MAT 151: College Algebra/Functions and
 MAT 182: Plane Trigonometry or
 MAT 152: College Algebra/Functions and
 MAT 182: Plane Trigonometry or
 MAT 155: College Algebra/Functions with
 Review and
 MAT 182: Plane Trigonometry or
 MAT 156: College Algebra/Functions with
 Review and
 MAT 182: Plane Trigonometry or
 higher level course that meets MA
 requirement

CIS 105: Survey of Computer Information
 Systems or
 CSC 180: Computer Literacy or
 CSC 180AA: Computer Literacy or
 CSC 180AB: Computer Literacy   3-4 hrs

Humanities, Arts, and Design [HU]
 Humanities, Arts, and Design 3 hrs 

Humanities, Arts, and Design 3 hrs 

Social-Behavioral Science [SB]
 PSY 101: Introduction to Psychology   3 hrs

Social-Behavioral Science [SB] 3 hrs 

Natural Science [SQ, SG]

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.



Special Requirements

The recommended MCCCDC associate degree pathway and Arizona General Education Certificate (AGEC) for this major is the Associate in Arts, Psychology degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Psychology, BA degree program.


ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information: <https://transfer.asu.edu/credits>

| | | |
|---|--|---|
| PSY 290AB: Research Methods or PSY 290AC: Research Methods | 4 hrs  | PSY 290AB or PSY 290AC may be applied as Natural Science [SG] or Literacy and Critical Inquiry [L], but not both. |
| Natural Science | 4 hrs  | Select at least one SQ within the Natural Science requirement. |

General Education Awareness Areas [C, H, G]


| | |
|---|--|
| Cultural Diversity in the U.S. [C] | 0-3 hrs  |
| Historical or Global Awareness [H] or [G] | 0-3 hrs  |

MCCCD Additional Requirements

| | |
|---|--|
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs  |
|---|--|

| | | |
|-----------------------------------|---------|---------------------------------|
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |
|-----------------------------------|---------|---------------------------------|

Additional Lower Division Requirements

| | |
|-------------------------------------|--|
| PSY 230: Introduction to Statistics | 3 hrs  |
|-------------------------------------|--|

| | | |
|---------------------|---------|--|
| Psychology Elective | 3-4 hrs | Select one course from the following options: PSY 132, 157, 215, 218, 225, 235, 240, 241, 248, 250, 260, 262, 266, 275, 277, 280 |
|---------------------|---------|--|

| | | |
|----------------------|-------|--|
| Related Area Courses | 6 hrs | Select courses that transfer as a direct equivalent or departmental elective credit (DEC) in the following prefixes: ASB, COM, POS, PSY, or SOC. |
|----------------------|-------|--|

| | | |
|-------------------------|----------|--|
| Lower Division Elective | 0-13 hrs | Within these elective credits, the New College of Interdisciplinary Arts and Sciences' Languages and Cultures Requirement may be fulfilled by completing one of the following options before transferring to ASU: Non-English language course at the intermediate level (202 or equivalent), including American Sign Language IV OR two (2) semesters of a current computer language (CSC110 and [CSC200 or CSC205]). Alternatively, students can meet ASU's Languages and Cultures Requirement after transferring by completing an additional 6 credits of upper-division Global or Cultural courses once at ASU. |
|-------------------------|----------|--|

Total Required Credits: 60





Pathway Agreement


Print




Maricopa Community College District
Psychology, BA Pathway
2020-2021



ASU Major: [Psychology, BA | College of Liberal Arts and Sciences](#)




Pathway Requirements



| | |
|--|---|
| First Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL |   3 hrs |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL |   3 hrs |

| | | |
|---|--|--|
| Literacy and Critical Inquiry [L] PSY 290AB: Research Methods or PSY 290AC: Research Methods |  4 hrs | Students must complete two Natural Sciences in addition to PSY 290, at least one of which must carry the SQ designation. |
|---|--|--|

| | | |
|---|---|--|
| Mathematical Studies [MA, CS] MAT 172: Finite Mathematics OR MAT 150: College Algebra/Functions and MAT 182: Plane Trigonometry or MAT 151: College Algebra/Functions and MAT 182: Plane Trigonometry or MAT 152: College Algebra/Functions and MAT 182: Plane Trigonometry or MAT 155: College Algebra/Functions with Review and MAT 182: Plane Trigonometry or MAT 156: College Algebra/Functions with Review or MAT 182: Plane Trigonometry or MAT 187: Precalculus OR higher level course that meets MA requirement |   3-9 hrs | Students need to consider their educational path when selecting a math course. For example, students who intend to pursue medical school may need calculus |
| PSY 230: Introduction to Statistics |  3 hrs | Math studies - PSY 230 - Fulfills Computer/Statistics/Quantitative Applications [CS] requirement. |

| | |
|--|---|
| Humanities, Arts, and Design [HU] Humanities, Arts, and Design |  3 hrs |
| Humanities, Arts, and Design |  3 hrs |

| | |
|--|---|
| Social-Behavioral Science [SB] PSY 101: Introduction to Psychology |   3 hrs |
| Social-Behavioral Science |  3 hrs |

| | | |
|---|---|--|
| Natural Science [SQ, SG] Natural Science [SQ, SG] |  4 hrs | Students must complete two Natural Sciences in addition to PSY 290, at least one of which must carry the SQ designation. |
| Natural Science [SQ, SG] |  4 hrs | |

General Education Awareness Areas [C, H, G]



Pathway Notes


Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

The recommended MCCCDC associate degree pathway and Arizona General Education Certificate (AGEC) for this major is the Associate in Arts, Psychology degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Psychology, BA degree program.

Special Requirements: 2.0 G.P.A. in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of "C" or better. If a student has previously attended ASU, but left with a G.P.A. below 2.0, that student is not eligible to pursue this pathway because the student is not admissible to Psychology at the Tempe campus.

| | | |
|---|---------|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs |  |
| Historical or Global Awareness [H] or [G] | 0-3 hrs |  |

| | | |
|--|-------|---|
| MCCCD Additional Requirements COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 3 hrs |  |
|--|-------|---|

| | | |
|-----------------------------------|---------|---------------------------------|
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |
|-----------------------------------|---------|---------------------------------|

| | | |
|--|----------|---|
| Additional Lower Division Requirements | | |
| Related Area Courses | 0-12 hrs | Select 4 courses (12 credit hours) which transfer as either Direct Equivalency or Departmental Electives (DEC) to courses in the following ASU departments: ASB, ASM, BIO, GCU, HPS, PHI, or SOC. Transfer equivalency is based on the semester and year the course is taken. May be met within AGECA or electives. |
| Psychology Elective | 3 hrs | Select a Psychology elective that transfers to ASU as Departmental Elective credit (DEC) or a direct equivalency in the PSY prefix, excluding PSY 270. |
| Lower Division Second Language: Requirement satisfied through the following: Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 0-16 hrs | Lower Division - Second Language Requirement - Select 101, 102, 201, 202 as needed to reach 4th semester proficiency. |
| Lower Division Elective | 0-19 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 61

Pathway Agreement



[Print](#)


Maricopa Community College District
Psychology, BA, BA Pathway
2020-2021

ASU Major: [Psychology, BA | College of Integrative Sciences and Arts](#)

Pathway Requirements



First Year Composition [FYC]
 ENG 101: First-Year Composition or
 ENG 107: First-Year Composition for ESL   3 hrs


ENG 102: First-Year Composition or
 ENG 108: First-Year Composition for ESL   3 hrs


Literacy and Critical Inquiry [L]
 Literacy and Critical Inquiry [L]  3 hrs



Mathematical Studies [MA, CS]
 MAT 150: College Algebra/Functions and
 MAT 182: Plane Trigonometry or
 MAT 151: College Algebra/Functions and
 MAT 182: Plane Trigonometry or
 MAT 152: College Algebra/Functions and
 MAT 182: Plane Trigonometry or
 MAT 155: College Algebra/Functions with
 Review and
 MAT 182: Plane Trigonometry or
 MAT 156: College Algebra/Functions with
 Review and
 MAT 182: Plane Trigonometry or
 MAT 187: Precalculus OR


 MAT 172: Finite Mathematics


CIS 105: Survey of Computer Information
 Systems or
 CSC 180: Computer Literacy or
 CSC 180AA: Computer Literacy or
 CSC 180AB: Computer Literacy   3-4 hrs


Humanities, Arts, and Design [HU]
 Humanities, Arts, and Design [HU]  3 hrs

 Humanities, Arts, and Design [HU]  3 hrs

Social-Behavioral Science [SB]
 PSY 101: Introduction to Psychology   3 hrs

 Social-Behavioral Science [SB]  3 hrs

Natural Science [SQ, SG]
 PSY 290AB: Research Methods or
 PSY 290AC: Research Methods  4 hrs PSY 290AB or PSY 290AC may be applied as
 Natural Science [SG] or Literacy and Critical
 Inquiry [L], but not both.

 Natural Science [SQ, SG]  4 hrs Select at least one SQ within the Natural
 Science requirement.

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

The recommended MCCCDC associate degree pathway and Arizona General Education Certificate (AGEC) for this major is the Associate in Arts, Psychology degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Psychology, BA degree program.

General Education Awareness Areas [C, H, G]

| | | |
|---|---------|--|
| Cultural Diversity in the U.S. [C] | 0-3 hrs | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs | |

MCCCD Additional Requirements

| | | |
|---|---------|--|
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs | |
|---|---------|--|

| | | |
|-----------------------------------|---------|---------------------------------|
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |
|-----------------------------------|---------|---------------------------------|

Additional Lower Division Requirements

| | | |
|-------------------------------------|----------|---|
| PSY 230: Introduction to Statistics | 3 hrs | |
| PSY Elective | 3-4 hrs | Select one course from the following options: PSY 132, 157, 215, 218, 225, 235, 240, 241, 248, 250, 260, 262, 266, 275, 277, 280 |
| Related Area Courses | 6 hrs | Select courses that transfer as a direct equivalent or departmental elective credit (DEC) in the following prefixes: ASB, COM, HSE, ISS, POS, or SOC. |
| Lower Division Elective | 0-12 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60

Pathway Agreement



Print

Maricopa Community College District
Psychology, BS Pathway
2020-2021



ASU Major: [Psychology, BS | New College of Interdisciplinary Arts and Sciences](#)



Pathway Requirements


First Year Composition [FYC]
 ENG 101: First-Year Composition or
 ENG 107: First-Year Composition for ESL   3 hrs


ENG 102: First-Year Composition or
 ENG 108: First-Year Composition for ESL   3 hrs

Literacy and Critical Inquiry [L]
 Literacy and Critical Inquiry [L] 3 hrs


Mathematical Studies [MA, CS]
 MAT 187: Precalculus OR   5-9 hrs
 MAT 150: College Algebra / Functions and
 MAT 182: Plane Trigonometry OR
 MAT 151: College Algebra / Functions and
 MAT 182: Plane Trigonometry OR
 MAT 152: College Algebra / Functions and
 MAT 182: Plane Trigonometry OR
 MAT 155: College Algebra/Functions with
 Review and
 MAT 182: Plane Trigonometry OR
 MAT 156: College Algebra/Functions with
 Review and
 MAT 182: Plane Trigonometry OR
 higher level course that meets MA
 requirement

CIS 105: Survey of Computer Information
 Systems or   3-4 hrs
 CSC 180: Computer Literacy or
 CSC 180AA: Computer Literacy or
 CSC 180AB: Computer Literacy

Humanities, Arts, and Design [HU]
 Humanities, Arts, and Design  3 hrs

Humanities, Arts, and Design  3 hrs

Social-Behavioral Science [SB]
 PSY 101: Introduction to Psychology   3 hrs

Social-Behavioral Science [SB]  3 hrs

Natural Science [SQ, SG]



Pathway Notes



Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.


Special Requirements

The recommended MCCCDC associate degree pathway and Arizona General Education Certificate (AGEC) for this major is the Associate in Arts, Psychology degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Psychology, BS degree program.


ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information: <https://transfer.asu.edu/credits>

| | | |
|---|--|---|
| PSY 290AB: Research Methods or PSY 290AC: Research Methods | 4 hrs  | PSY 290AB or PSY 290AC may be applied as Natural Science [SG] or Literacy and Critical Inquiry [L], but not both. |
| Natural Science [SQ, SG] | 4 hrs  | Select at least one SQ within the Natural Science requirement. |

| | | |
|--|--|--|
| General Education Awareness Areas [C, H, G] | | |
| Cultural Diversity in the U.S. [C] | 0-3 hrs  | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs  | |

| | | |
|---|--|--|
| MCCCD Additional Requirements | | |
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs  | |

| | | |
|-----------------------------------|---------|---------------------------------|
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |
|-----------------------------------|---------|---------------------------------|

| | | |
|---|--|--|
| Additional Lower Division Requirements | | |
| PSY 230: Introduction to Statistics | 3 hrs  | |

| | | |
|---------------------|---------|--|
| Psychology Elective | 3-4 hrs | Select one course from the following options: PSY 132, 157, 215, 218, 225, 235, 240, 241, 248, 250, 260, 262, 266, 275, 277, 280 |
|---------------------|---------|--|

| | | |
|--------------------------|-------|---|
| Natural Science [SQ, SG] | 8 hrs | Life Science lecture/lab course (BIO or MIC prefixes) and a Physical Science lecture/lab course (AST, CHM, GLG or PHY) are required in addition to PSY 290 [SG] and the Natural Science (SQ) General Studies requirement. |
|--------------------------|-------|---|

| | | |
|----------------------|-------|---|
| Related Area Courses | 6 hrs | Select courses that transfers as a direct equivalent or departmental elective credit (DEC) in the following ASU prefixes: ASB, COM, POS, PSY, or SOC. |
|----------------------|-------|---|

| | | |
|-------------------------|---------|--|
| Lower Division Elective | 0-6 hrs | Within these elective credits, the New College of Interdisciplinary Arts and Sciences' Languages and Cultures Requirement may be fulfilled by completing one of the following options before transferring to ASU: Non-English language course at the intermediate level (202 or equivalent), including American Sign Language IV OR two (2) semesters of a current computer language (CSC110 and [CSC200 or CSC205]). Alternatively, students can meet ASU's Languages and Cultures Requirement after transferring by completing an additional 6 credits of upper-division Global or Cultural courses once at ASU. |
|-------------------------|---------|--|

Total Required Credits: 63





Pathway Agreement


Print



Maricopa Community College District
Psychology, BS Pathway
2020-2021


ASU Major: [Psychology, BS](#) | [College of Liberal Arts and Sciences](#)



Pathway Requirements




| | |
|--|---|
| First Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL |   3 hrs |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL |   3 hrs |



| | | |
|---|--|---|
| Literacy and Critical Inquiry [L] PSY 290AB: Research Methods or PSY 290AC: Research Methods |  4 hrs | Students must complete two Natural Sciences in addition to PSY 290. |
|---|--|---|

| | | |
|---|---|---|
| Mathematical Studies [MA, CS] MAT 172: Finite Mathematics OR |   3-9 hrs | Students should consider their educational path when selecting a math course. For example, students who intend to pursue medical school may need a calculus course. |
| MAT 150: College Algebra/Functions and MAT 182: Plane Trigonometry or MAT 151: College Algebra/Functions and MAT 182: Plane Trigonometry or MAT 152: College Algebra/Functions and MAT 182: Plane Trigonometry or MAT 155: College Algebra/Functions with Review and MAT 182: Plane Trigonometry or MAT 156: College Algebra/Functions with Review and MAT 182: Plane Trigonometry or MAT 187: Precalculus OR Higher level course that meets MA requirement. | | |

| | |
|-------------------------------------|---|
| PSY 230: Introduction to Statistics |  3 hrs |
|-------------------------------------|---|

| | |
|--|---|
| Humanities, Arts, and Design [HU] Humanities, Arts, and Design |  3 hrs |
| Humanities, Arts, and Design |  3 hrs |

| | |
|--|---|
| Social-Behavioral Science [SB] PSY 101: Introduction to Psychology |   3 hrs |
| Social-Behavioral Science |  3 hrs |

| | | |
|---|---|--|
| Natural Science [SQ, SG] Natural Science [SQ, SG] |  4 hrs | Students must complete two Natural Sciences in addition to PSY 290, at least one of which must carry the SQ designation. |
| Natural Science [SQ, SG] |  4 hrs | Students must complete two Natural Sciences in addition to PSY 290, at least one of which must carry the SQ designation. |

General Education Awareness Areas [C, H, G]



Pathway Notes


Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

The recommended MCCCDC associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Emphasis in Psychology degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Psychology, BS degree program.

Special Requirements: 2.0 G.P.A. in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of "C" or better. If a student has previously attended ASU, but left with a G.P.A. below 2.0, that student is not eligible to pursue this pathway because the student is not admissible to Psychology at the Tempe campus.

| | | |
|---|---------|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs |  |
| Historical or Global Awareness [H] or [G] | 0-3 hrs |  |

| | | |
|--|-------|---|
| MCCCD Additional Requirements COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 3 hrs |  |
|--|-------|---|

| | | |
|-----------------------------------|---------|---------------------------------|
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |
|-----------------------------------|---------|---------------------------------|

| | | |
|---|----------|--|
| Additional Lower Division Requirements | | |
| Psychology Elective | 3-4 hrs | Select one course from the following options: PSY 132, 157, 215, 218, 225, 235, 240, 241, 248, 250, 260, 262, 266, 275, 277, 280 |
| Related Area Courses | 0-12 hrs | Select four additional courses (12 credits) that transfer as either Direct Equivalency or Departmental Elective (DEC) to courses in the following ASU departments: ASB, ASM, BIO, GCU, SOC, PHI. |
| Lower Division Elective | 0-18 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60

Pathway Agreement



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Maricopa Community College District
Psychology, BS, BS Pathway
2020-2021

ASU Major: [Psychology, BS | College of Integrative Sciences and Arts](#)

Pathway Requirements



First Year Composition [FYC]
 ENG 101: First-Year Composition or
 ENG 107: First-Year Composition for ESL   3 hrs


ENG 102: First-Year Composition or
 ENG 108: First-Year Composition for ESL   3 hrs


Literacy and Critical Inquiry [L]
 Literacy and Critical Inquiry [L]  3 hrs

Mathematical Studies [MA, CS]
 MAT 150: College Algebra/Functions and
 MAT 182: Plane Trigonometry or
 MAT 151: College Algebra/Functions and
 MAT 182: Plane Trigonometry or
 MAT 152: College Algebra/Functions and
 MAT 182: Plane Trigonometry or
 MAT 155: College Algebra/Functions with
 Review and
 MAT 182: Plane Trigonometry or
 MAT 156: College Algebra/Functions with
 Review and
 MAT 182: Plane Trigonometry or
 MAT 187: Precalculus OR


MAT 172: Finite Mathematics


CIS 105: Survey of Computer Information
 Systems or
 CSC 180: Computer Literacy or
 CSC 180AA: Computer Literacy or
 CSC 180AB: Computer Literacy   3-4 hrs


Humanities, Arts, and Design [HU]
 Humanities, Arts, and Design [HU]  3 hrs

Humanities, Arts, and Design [HU]  3 hrs

Social-Behavioral Science [SB]
 PSY 101: Introduction to Psychology   3 hrs

Social-Behavioral Science [SB]  3 hrs

Natural Science [SQ, SG]
 PSY 290AB: Research Methods or
 PSY 290AC: Research Methods  4 hrs PSY 290AB or PSY 290AC may be applied as
 Natural Science [SG] or Literacy and Critical
 Inquiry [L], but not both.

Natural Science [SQ, SG]  4 hrs Life Science Lab Course - Applied Biological
 Science, Biology, or Microbiology



Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.


Special Requirements

The recommended MCCCDC associate degree pathway and Arizona General Education Certificate (AGEC) for this major is the Associate in Arts, Psychology degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Psychology, BS degree program.

General Education Awareness Areas [C, H, G]

| | | |
|---|---------|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs |  |
| Historical or Global Awareness [H] or [G] | 0-3 hrs |  |

MCCCD Additional Requirements

| | | |
|---|---------|---|
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs |  |
|---|---------|---|

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|-----------------------------------|---------|---------------------------------|
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |
|-----------------------------------|---------|---------------------------------|

Additional Lower Division Requirements

| | | |
|-------------------------------------|-----------|---|
| PSY 230: Introduction to Statistics | 3 hrs | |
| PSY Elective | 3-4 hrs | Select one course from the following options: PSY 132, 157, 215, 218, 225, 235, 240, 241, 248, 250, 260, 262, 266, 275, 277, 280 |
| Related Area Courses | 3 hrs | Select a course that transfers as a direct equivalent or departmental elective credit (DEC) in the following ASU prefixes: ASB, COM, POS, PSY, or SOC. |
| Lower Division Elective | 12-15 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60





Pathway Agreement

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Maricopa Community College District
Psychology (Forensic Psychology), BA Pathway
2020-2021


ASU Major: **Psychology (Forensic Psychology), BA | New College of Interdisciplinary Arts and Sciences**



Pathway Requirements


| | |
|--|---|
| First Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL |   3 hrs |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL |   3 hrs |

| | |
|---|-------|
| Literacy and Critical Inquiry [L] Literacy and Critical Inquiry [L] | 3 hrs |
|---|-------|


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|---|---|
| Mathematical Studies [MA, CS] MAT 172: Finite Mathematics or MAT 187: Precalculus or MAT 212: Brief Calculus or MAT 213: Brief Calculus or higher level course that meets MA requirement |   3-5 hrs |
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|---|---|
| CIS 105: Survey of Computer Information Systems or CSC 180: Computer Literacy or CSC 180AA: Computer Literacy or CSC 180AB: Computer Literacy |   3 hrs |
|---|---|



| | |
|---|---|
| Humanities, Arts, and Design [HU] Humanities, Arts, and Design [HU] |  3 hrs |
| Humanities, Arts, and Design [HU] |  3 hrs |

| | |
|--|---|
| Social-Behavioral Science [SB] PSY 101: Introduction to Psychology |  3 hrs |
|--|---|

| | | |
|---------------------------------------|-------|--|
| Social-Behavioral Science [SB] | 3 hrs | Recommend SB course in following prefixes: ASB, COM, POS, PSY or SOC. |
|---------------------------------------|-------|--|

| | | |
|--|---|----------------------------|
| Natural Science [SQ, SG] PSY 290AB: Research Methods or PSY 290AC: Research Methods |  4 hrs | PSY 290 to be taken as SG. |
|--|---|----------------------------|

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|---------------------------------|---|---|
| Natural Science [SQ, SG] |  4 hrs | Select at least one [SQ] within the Natural Science requirement. |
|---------------------------------|---|---|

| | |
|--|---|
| General Education Awareness Areas [C, H, G] Cultural Diversity in the U.S. [C] |  0-3 hrs |
| Historical or Global Awareness [H] or [G] |  0-3 hrs |

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

The recommended MCCCDC associate degree pathway and Arizona General Education Certificate (AGEC) for this major is the Associate in Arts, Psychology degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Psychology (Forensic Psychology), BA degree program.

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information:
<https://transfer.asu.edu/credits>

MCCCD Additional Requirements

COM 100: Introduction to Human Communication OR

0-3 hrs



COM 110: Interpersonal Communication OR

COM 225: Public Speaking OR

COM 230: Small Group Communication

CRE 101: College Critical Reading

0-3 hrs

Complete CRE 101 or equivalent.

Additional Lower Division Requirements

PSY 230: Introduction to Statistics

3 hrs

Related Coursework Elective

0-9 hrs

Lower division related coursework elective. Select up to three courses that transfer as a direct equivalent or departmental elective credit (DEC) in the following prefixes: ASB, COM, POS, PSY, or SOC. These courses may be used to fulfill any outstanding AGEC requirements simultaneously.

Psychology Elective

3-4 hrs

Select one course from the following options: PSY 132, 157, 215, 218, 225, 235, 240, 241, 248, 250, 260, 262, 266, 275, 277, 280

Lower Division Elective

0-22 hrs

Within these elective credits, the New College of Interdisciplinary Arts and Sciences' Languages and Cultures Requirement may be fulfilled by completing one of the following options before transferring to ASU: Non-English language course at the intermediate level (202 or equivalent), including American Sign Language IV OR two (2) semesters of a current computer language (CSC110 and [CSC200 or CSC205]). Alternatively, students can meet ASU's Languages and Cultures Requirement after transferring by completing an additional 6 credits of upper-division Global or Cultural courses once at ASU.

Total Required Credits: 63

Pathway Agreement



Print


**Maricopa Community College District
Psychology (Forensic Psychology), BS Pathway
2020-2021**

ASU Major: **Psychology (Forensic Psychology), BS | New College of Interdisciplinary Arts and Sciences**

Pathway Requirements

First Year Composition [FYC]
ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL   3 hrs

ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL   3 hrs

Literacy and Critical Inquiry [L]
Literacy and Critical Inquiry [L]  3 hrs

Mathematical Studies [MA, CS]
MAT 150: College Algebra and
MAT 182: Functions OR   5-9 hrs

MAT 151: College Algebra and
MAT 182: Functions OR



MAT 152: College Algebra and
MAT 182: Functions OR


MAT 155: College Algebra/Functions with
Review and
MAT 182: Plane Trigonometry OR


MAT 156: College Algebra/Functions with
Review and
MAT 182: Plane Trigonometry OR


MAT 187: Precalculus OR

Higher level course that meets MA
requirement

CIS 105: Survey of Computer Information
Systems or
CSC 180: Computer Literacy or
CSC 180AA: Computer Literacy or
CSC 180AB: Computer Literacy   3 hrs

Humanities, Arts, and Design [HU]
Humanities, Arts, and Design [HU]  3 hrs

Humanities, Arts, and Design [HU]  3 hrs

Social-Behavioral Science [SB]
PSY 101: Introduction to Psychology  3 hrs

Social-Behavioral Science [SB] 3 hrs Recommend course with [SB] in following
prefixes: ASB, COM, POS, PSY or SOC.

Natural Science [SQ, SG]



Pathway Notes



Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.


Special Requirements

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Emphasis in Psychology degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Psychology (Forensic Psychology), BS degree program.

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information:
<https://transfer.asu.edu/credits>

| | | |
|---|--|---|
| PSY 290AB: Research Methods or PSY 290AC: Research Methods | 4 hrs  | PSY 290 should be taken for (SG). |
| Natural Science [SQ, SG] | 4 hrs  | ASU Psychology (Forensic Psychology) BS majors are required to take a Life Science lecture/lab course and a Physical Science lecture/lab course in addition to PSY 290 (SG) and the Natural Science (SQ) General Studies requirement. May be completed after transfer to ASU. |

| | | |
|---|--|--|
| General Education Awareness Areas [C, H, G] | | |
| Cultural Diversity in the U.S. [C] | 0-3 hrs  | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs  | |

| | | |
|---|--|---------------------------------|
| MCCCD Additional Requirements | | |
| COM 100: Introduction to Human Communication OR | 0-3 hrs  | |
| COM 110: Interpersonal Communication OR | | |
| COM 225: Public Speaking OR | | |
| COM 230: Small Group Communication | | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

| | | |
|--|----------|--|
| Additional Lower Division Requirements | | |
| PSY 230: Introduction to Statistics | 3 hrs | |
| Psychology Elective | 3-4 hrs | Select one course from the following options: PSY 132, 157, 215, 218, 225, 235, 240, 241, 248, 250, 260, 262, 266, 275, 277, 280 |
| Life Science Lab Course | 0-4 hrs | Life Science lecture/lab course (BCH, BIO, FOR, LSC or MIC prefixes) and a Physical Science lecture/lab course (AST, CHM, ENV, GLG or PHY) are required in addition to PSY 290 [SG] and the Natural Science (SQ) General Studies requirement. May be completed after transfer to ASU. |
| Physical Science Lab Course | 0-4 hrs | Life Science lecture/lab course (BCH, BIO, FOR, LSC or MIC prefixes) and a Physical Science lecture/lab course (AST, CHM, ENV, GLG or PHY) are required in addition to PSY 290 [SG] and the Natural Science (SQ) General Studies requirement. May be completed after transfer to ASU. |
| Lower Division Elective | 0-17 hrs | Within these elective credits, the New College of Interdisciplinary Arts and Sciences' Languages and Cultures Requirement may be fulfilled by completing one of the following options before transferring to ASU: Non-English language course at the intermediate level (202 or equivalent), including American Sign Language IV OR two (2) semesters of a current computer language (CSC110 and [CSC200 or CSC205]). Alternatively, students can meet ASU's Languages and Cultures Requirement after transferring by completing an additional 6 credits of upper-division Global or Cultural courses once at ASU. |

Total Required Credits: 60





Pathway Agreement


[Print](#)





Maricopa Community College District
Public Health, BS Pathway
2020-2021




ASU Major: [Public Health, BS | College of Health Solutions](#)


Pathway Requirements

| | |
|--|---|
| First Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL |   3 hrs |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL |   3 hrs |





| | | |
|---|--|-------------------|
| Literacy and Critical Inquiry [L] Literacy and Critical Inquiry [L] |  3 hrs | Recommend COM 225 |
|---|--|-------------------|

| | |
|---|---|
| Mathematical Studies [MA, CS] MAT 150: College Algebra/Functions or MAT 151: College Algebra/Functions or MAT 151AA: College Algebra or MAT 151AB: Functions I or MAT 151AC: College Algebra or MAT 151AD: Functions II or MAT 152: College Algebra/Functions or MAT 155: College Algebra/Functions with Review or MAT 156: College Algebra/Functions with Review |   3-6 hrs |
| Computer/Statistics/Quantitative Applications |   3 hrs |

| | |
|---|---|
| Humanities, Arts, and Design [HU] Humanities, Arts, and Design [HU] |   3 hrs |
| Humanities, Arts, and Design [HU] |  3 hrs |

| | | |
|---|---|-------------------------------------|
| Social-Behavioral Science [SB] ASB 100: Introduction to Global Health |  3 hrs | Satisfies the [G] AGEC requirement. |
|---|---|-------------------------------------|

| | |
|-------------------------------------|---|
| PSY 101: Introduction to Psychology |   3 hrs |
|-------------------------------------|---|

| | |
|---|---|
| Natural Science [SQ, SG] BIO 181: General Biology (Majors) I |   4 hrs |
| CHM 130: Fundamental Chemistry and CHM 130LL: Fundamental Chemistry Laboratory OR CHM 130AA: Fundamental Chemistry with Lab |   4 hrs |

General Education Awareness Areas [C, H, G]

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Public Health B.S. degree program.

The Public Health, BS degree may take more than 4 semesters after transfer to complete. Students may want to consider taking summer school or taking 18 credits in one semester if wanting to complete the degree in 2 years after transferring.

| | | |
|---|-------|--|
| Cultural Diversity in the US [C] | 0 hrs | AGEC Awareness Area [C] met by HES 210 |
| Historical or Global Awareness [H] or [G] | 0 hrs | AGEC Awareness Area [G] met by ASB 100 |

MCCCD Additional Requirements

| | | |
|---|---------|---------------------------------|
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|-----------|--|
| BIO 182: General Biology (Majors) II | 4 hrs | |
| ECN 211: Macroeconomic Principles | 3 hrs | |
| HES 210: Cultural Aspects of Health and Illness | 3 hrs | |
| Lower Division Elective | 10-15 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. PBH 100 and EXW 102 must be taken once students transfer to ASU, as there are no equivalent courses offered at the Maricopa Community Colleges. |

Total Required Credits: 60





Pathway Agreement


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Maricopa Community College District
Public Service and Public Policy, BS Pathway
2020-2021



ASU Major: [Public Service and Public Policy, BS | College of Public Service and Community Solutions](#)

Pathway Requirements



| | |
|--|--|
| First Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL | 3 hrs   |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL | 3 hrs   |



| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] ENG 216: PERSUASIVE WRITING ON PUBLIC | 3 hrs  | If ENG 216 is not offered, COM 225 may be used to satisfy the [L] requirement and ENG 216 can be taken after transfer to ASU. |
|---|---|---|

| | |
|--|--|
| Mathematical Studies [MA, CS] MAT 140: College Mathematics or MAT 141: College Mathematics or MAT 142: College Mathematics or MAT 145: College Mathematics with Review or MAT 146: College Mathematics with Review or Higher level course that meets MA requirement | 3-6 hrs  |
| MAT 206: Elements of Statistics | 3 hrs   |

| | |
|--|--|
| Humanities, Arts, and Design [HU] Humanities, Arts, and Design | 3 hrs  |
| Humanities, Arts, and Design | 3 hrs  |

| | |
|--|--|
| Social-Behavioral Science [SB] POS 110: American National Government | 3 hrs   |
| SOC 101: Introduction to Sociology | 3 hrs   |

| | | |
|---|--|---|
| Natural Science [SQ, SG] Natural Science [SQ, SG] | 4 hrs  | Select at least one SQ within the Natural Sciences requirement. |
| Natural Science [SQ, SG] | 4 hrs  | |

| | |
|--|--|
| General Education Awareness Areas [C, H, G] Cultural Diversity in the U.S. [C] | 0-3 hrs  |
| Historical or Global Awareness [H] or [G] | 0-3 hrs  |

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Public Service & Policy B.S. program.

| | | |
|---|----------|---|
| MCCCD Additional Requirements | | |
| COM 225: Public Speaking | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |
| Additional Lower Division Requirements | | |
| PAD 100: 21st Century Public Policy and Service | 3 hrs | |
| PAD 200: Public Affairs Economics | 0-3 hrs | Student may take PAD200 at a Maricopa community college or take PAF201 in their first semester at ASU. |
| Related Area Courses | 3 hrs | Public Programs Elective Requirement: complete a course that transfers to ASU with the following prefix CRJ, HST, PAF, POS, SOC, SOS, SWU according to the CEG for the term taken. Course cannot come from PAD 100, PAD 201, POS 110, OR SOC 101. |
| COPP Interdisciplinary Requirement | 6 hrs | Select one course from two different College of Public Programs Interdisciplinary Requirement Tracks, for a total of 6 credit hours. |
| Lower Division Elective | 0-13 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60

Track/Groups

COPP Interdisciplinary Requirement

| | |
|---|---|
| COPP Interdisciplinary Requirement | |
| SWU 171: Introduction to Social Welfare | |
| COPP Interdisciplinary Requirement | |
| AJS 101: Introduction To Criminal Justice or AJS 212: Juvenile Justice Procedures or AJS 109: Substantive Criminal Law or AJS 270: Community Relations | COPP Interdisciplinary Requirement |
| HRM 160: Tourism Principles And Practices or REC 120: Leisure and the Quality of Life | |





Pathway Agreement


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Maricopa Community College District Public Service and Public Policy (American Indian Studies), BS Pathway 2020-2021


ASU Major: [Public Service and Public Policy \(American Indian Studies\), BS](#) | [College of Public Service and Community Solutions](#)

Pathway Requirements



| | |
|--|---|
| First Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL |   3 hrs |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL |   3 hrs |



| | | |
|---|--|---|
| Literacy and Critical Inquiry [L] ENG 216: PERSUASIVE WRITING ON PUBLIC |  3 hrs | If ENG 216 is not offered, COM 225 may be used to satisfy the [L] requirement and ENG 216 can be taken after transfer to ASU. |
|---|--|---|

| | |
|--|---|
| Mathematical Studies [MA, CS] MAT 140: College Mathematics or MAT 141: College Mathematics or MAT 142: College Mathematics or MAT 145: College Mathematics with Review or MAT 146: College Mathematics with Review or Higher level course that meets MA requirement |  3-6 hrs |
| MAT 206: Elements of Statistics |   3 hrs |

| | |
|---|---|
| Humanities, Arts, and Design [HU] Humanities, Arts, and Design [HU] |  3 hrs |
| Humanities, Arts, and Design [HU] |  3 hrs |

| | |
|--|---|
| Social-Behavioral Science [SB] POS 110: American National Government |   3 hrs |
| SOC 101: Introduction to Sociology |   3 hrs |

| | | |
|---|---|--|
| Natural Science [SQ, SG] Natural Science [SQ, SG] |  4 hrs | Select at least one [SQ] within the Natural Science requirement. |
| Natural Science [SQ, SG] |  4 hrs | |

| | | |
|--|---|---|
| General Education Awareness Areas [C, H, G] Cultural Diversity in the U.S. [C] |  0 hrs | AIS 105 or SOC 105 can fulfill this requirement. |
| Historical or Global Awareness [H] or [G] |  0 hrs | AIS 110 or AIS 160 or SOC 160 can fulfill this requirement. |


Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Public Service & Policy (American Indian Studies) B.S. program.

MCCCD Additional Requirements

| | | |
|-----------------------------------|---------|---|
| COM 225: Public Speaking | 0-3 hrs |  |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---------|--|
| PAD 100: 21st Century Public Policy and Service | 3 hrs | |
| PAD 200: Public Affairs Economics | 0-3 hrs | Student may take PAD 200 at a Maricopa community college or take PAF 201 in their first semester at ASU. |
| AIS 105: Introduction to American Indian Studies or SOC 105: Introduction to American Indian Studies | 3 hrs | |
| AIS 110: Navajo Government or AIS 160: American Indian Law or SOC 160: American Indian Law | 3 hrs | |
| Public Programs Elective Requirement: complete a course that transfers to ASU with the following prefix CRJ, HST, PAF, POS, SOC, SOS, OR SWU (according to the CEG for the term taken). | 3 hrs | Public Programs Elective Requirement: Cannot be met with MCCCD's PAD 100 (ASU PAF 100), PAD 200 (ASU PAF 201), POS 110 (ASU POS 110), or SOC 101 (ASU SOC 101). |
| COPP Interdisciplinary Requirement | 6 hrs | Select one course from two different College of Public Programs Interdisciplinary Requirement Tracks, for a total of 6 credit hours. Please see below for track titles. |
| Lower Division Elective | 0-7 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60

Track/Groups

COPP Interdisciplinary Requirement

| COPP Interdisciplinary Requirement | |
|--|---|
| AJS 101: Introduction To Criminal Just or AJS 212: Juvenile Justice Procedures or | Interdisciplinary Track 1 |
| AJS 109: Substantive Criminal Law or AJS 270: Community Relations | COPP Interdisciplinary Requirement |
| SWU 171: Introduction to Social Welfare | Interdisciplinary Track 2 |
| COPP Interdisciplinary Requirement | |
| REC 120: Leisure and the Quality of Life or HRM 160: Tourism Principles And Practices | Interdisciplinary Track 3 |





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Maricopa Community College District
Public Service and Public Policy (Business), BS Pathway
2020-2021



ASU Major: [Public Service and Public Policy \(Business\), BS](#) | [College of Public Service and Community Solutions](#)

Pathway Requirements



| | |
|--|--|
| First Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL | 3 hrs   |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL | 3 hrs   |



| | | |
|--|---|---|
| Literacy and Critical Inquiry [L] ENG 216: PERSUASIVE WRITING ON PUBLIC ISSUES | 3 hrs  | If ENG 216 is not offered, COM 225 may be used to satisfy the [L] requirement and ENG 216 can be taken after transfer to ASU. |
|--|---|---|

| | |
|--|--|
| Mathematical Studies [MA, CS] MAT 140: College Mathematics or MAT 141: College Mathematics or MAT 142: College Mathematics or MAT 145: College Mathematics with Review or MAT 146: College Mathematics with Review or Higher level course that meets MA requirement | 3-6 hrs  |
| MAT 206: Elements of Statistics | 3 hrs   |

| | |
|---|--|
| Humanities, Arts, and Design [HU] Humanities, Arts, and Design [HU] | 3 hrs  |
| Humanities, Arts, and Design [HU] | 3 hrs  |

| | |
|--|--|
| Social-Behavioral Science [SB] POS 110: American National Government | 3 hrs   |
| SOC 101: Introduction to Sociology | 3 hrs   |

| | | |
|---|--|--|
| Natural Science [SQ, SG] Natural Science [SQ, SG] | 4 hrs  | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs  | |

| | |
|--|--|
| General Education Awareness Areas [C, H, G] Cultural Diversity in the U.S. [C] | 0-3 hrs  |
| Historical or Global Awareness [H] or [G] | 0-3 hrs  |


Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Public Service & Policy (Business) B.S. program.

MCCCD Additional Requirements

| | | |
|-----------------------------------|---------|---|
| COM 225: Public Speaking | 0-3 hrs |  |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|----------|--|
| PAD 100: 21st Century Public Policy and Service | 3 hrs | |
| PAD 200: Public Affairs Economics | 0-3 hrs | Student may take PAD200 at a Maricopa community college or take PAF201 in their first semester at ASU. |
| Public Programs Elective Requirement: complete a course that transfers to ASU with the following prefix CRJ, HST, PAF, POS, SOC, SOS, OR SWU (according to the CEG for the term taken). | 3 hrs | Public Programs Elective Requirement: Cannot be met with MCCCD's PAD 100 (ASU PAF 100), PAD 200 (ASU PAF 201), POS 110 (ASU POS 110), or SOC 101 (ASU SOC 101). |
| COPP Interdisciplinary Requirement | 6 hrs | Select one course from two different College of Public Programs Interdisciplinary Requirement Tracks, for a total of 6 credit hours. Please see below for track titles. |
| Lower Division Elective | 0-13 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60

Track/Groups

COPP Interdisciplinary Requirement

| COPP Interdisciplinary Requirement | |
|--|---------------------------|
| AJS 101: Introduction To Criminal Just or AJS 212: Juvenile Justice Procedures or AJS 109: Substantive Criminal Law or AJS 270: Community Relations | Interdisciplinary Track 1 |
| COPP Interdisciplinary Requirement | |
| SWU 171: Introduction to Social Welfare | Interdisciplinary Track 2 |
| COPP Interdisciplinary Requirement | |
| REC 120: Leisure and the Quality of Life or HRM 160: Tourism Principles And Practices | Interdisciplinary Track 3 |





Pathway Agreement


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Maricopa Community College District
Public Service and Public Policy (Criminology), BS Pathway
2020-2021



ASU Major: [Public Service and Public Policy \(Criminology\), BS | College of Public Service and Community Solutions](#)

Pathway Requirements



| | |
|--|--|
| First Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL | 3 hrs   |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL | 3 hrs   |



| | | |
|---|---|---|
| Literacy and Critical Inquiry [L] ENG 216: PERSUASIVE WRITING ON PUBLIC | 3 hrs  | If ENG 216 is not offered, COM 225 may be used to satisfy the [L] requirement and ENG 216 can be taken after transfer to ASU. |
|---|---|---|

| | |
|--|--|
| Mathematical Studies [MA, CS] MAT 140: College Mathematics or MAT 141: College Mathematics or MAT 142: College Mathematics or MAT 145: College Mathematics with Review or MAT 146: College Mathematics with Review or Higher level course that meets MA requirement | 3-6 hrs  |
| MAT 206: Elements of Statistics | 3 hrs   |

| | |
|---|--|
| Humanities, Arts, and Design [HU] Humanities, Arts, and Design [HU] | 3 hrs  |
| Humanities, Arts, and Design [HU] | 3 hrs  |

| | |
|--|--|
| Social-Behavioral Science [SB] POS 110: American National Government | 3 hrs   |
| SOC 101: Introduction to Sociology | 3 hrs   |

| | | |
|---|--|--|
| Natural Science [SQ, SG] Natural Science [SQ, SG] | 4 hrs  | Select at least one [SQ] within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs  | |

| | |
|--|--|
| General Education Awareness Areas [C, H, G] Cultural Diversity in the U.S. [C] | 0-3 hrs  |
| Historical or Global Awareness [H] or [G] | 0-3 hrs  |


Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Completion of MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Public Service & Policy (Criminology) B.S. program.

MCCCD Additional Requirements

| | | | |
|-----------------------------------|---------|---|---------------------------------|
| COM 225: Public Speaking | 0-3 hrs |  | |
| CRE 101: College Critical Reading | 0-3 hrs | | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | | |
|---|---------|--|--|
| AJS 101: Introduction To Criminal Just | 3 hrs | | |
| AJS 113: Criminal Justice Crime Contro | 3 hrs | | |
| PAD 100: 21st Century Public Policy and Service | 3 hrs | | |
| PAD 200: Public Affairs Economics | 0-3 hrs | | Student may take PAD 200 at a Maricopa community college or take PAF 201 in their first semester at ASU. |
| Public Programs Elective Requirement: complete a course that transfers to ASU with the following prefix CRJ, HST, PAF, POS, SOC, SOS, OR SWU (according to the CEG for the term taken). | 3 hrs | | Public Programs Electives: Cannot be met with MCCCC's PAD 100 (ASU PAF 100), PAD 200 (ASU PAF 201), POS 110 (ASU POS 110), or SOC 101 (ASU SOC 101). |
| COPP Interdisciplinary Requirement | 6 hrs | | Select one course from two different College of Public Programs Interdisciplinary Requirement Tracks, for a total of 6 credit hours. Please see below for track titles. |
| Lower Division Elective | 0-7 hrs | | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60

Track/Groups

COPP Interdisciplinary Requirement

| | |
|---|---|
| COPP Interdisciplinary Requirement | |
| AJS 212: Juvenile Justice Procedures or AJS 109: Substantive Criminal Law or AJS 270: Community Relations | COPP Interdisciplinary Requirement |
| REC 120: Leisure and the Quality of Life or HRM 160: Tourism Principles And Practices | COPP Interdisciplinary Requirement |
| SWU 171: Introduction to Social Welfare | |

Pathway Agreement

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Maricopa Community College District

Public Service and Public Policy (Emergency Management and Homeland Security), BS Pathway

2020-2021

ASU Major: [Public Service and Public Policy \(Emergency Management and Homeland Security\), BS | College of Public Service and Community Solutions](#)


Pathway Requirements


First Year Composition [FYC]

ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL   3 hrs


ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL   3 hrs


Literacy and Critical Inquiry [L]

ENG 216: PERSUASIVE WRITING ON PUBLIC  3 hrs If ENG 216 is not offered, COM 225 may be used to satisfy the [L] requirement and ENG 216 can be taken after transfer to ASU.


COM 225: Public Speaking  3 hrs


Mathematical Studies [MA, CS]

MAT 140: College Mathematics or
MAT 141: College Mathematics or
MAT 142: College Mathematics or
MAT 145: College Mathematics with Review
or
MAT 146: College Mathematics with Review
or
Higher level course that meets MA
requirement  3-6 hrs

MAT 206: Elements of Statistics   3 hrs



Humanities, Arts, and Design [HU]

Humanities, Arts, and Design [HU]  3 hrs


Humanities, Arts, and Design  3 hrs


Social-Behavioral Science [SB]

POS 110: American National Government   3 hrs

SOC 101: Introduction to Sociology   3 hrs

Natural Science [SQ, SG]

Natural Science [SQ, SG]  4 hrs Select at least one [SQ] within the Natural Science requirement.

Natural Science [SQ, SG]  4 hrs




General Education Awareness Areas [C, H, G]

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Public Service & Policy B.S. program.

| | | | |
|---|---------|---|--|
| Cultural Diversity in the U.S. [C] | 0-3 hrs |  | |
| Historical or Global Awareness [H] or [G] | 0-3 hrs |  | |
| MCCCD Additional Requirements | | | |
| COM 225: Public Speaking | 0-3 hrs |  | |
| CRE 101: College Critical Reading | 0-3 hrs | | Complete CRE 101 or equivalent. |
| Additional Lower Division Requirements | | | |
| PAD 100: 21st Century Public Policy and Service | 3 hrs | | |
| PAD 200: Public Affairs Economics | 0-3 hrs | | Student may take PAD200 at a Maricopa community college or take PAF201 in their first semester at ASU. |
| AJS 101: Introduction To Criminal Just | 3 hrs | | |
| AJS 113: Criminal Justice Crime Contro | 3 hrs | | |
| COPP Interdisciplinary Requirement | 6 hrs | | Select one course from two different College of Public Programs Interdisciplinary Requirement Tracks, for a total of 6 credit hours. Please see below for track titles. |
| Lower Division Elective | 0-7 hrs | | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60

Track/Groups

COPP Interdisciplinary Requirement

| | |
|--|---|
| COPP Interdisciplinary Requirement | |
| AJS 212: Juvenile Justice Procedures OR | |
| AJS 109: Substantive Criminal Law OR | COPP Interdisciplinary Requirement |
| AJS 270: Community Relations | |
| SWU 171: Introduction to Social Welfare | COPP Interdisciplinary Requirement |
| REC 120: Leisure and the Quality of Life or HRM 160: Tourism Principles And Practices | |

Pathway Agreement



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Maricopa Community College District Public Service and Public Policy (Health Policy), BS Pathway 2020-2021

ASU Major: [Public Service and Public Policy \(Health Policy\), BS](#) | College of Public Service and Community Solutions

Pathway Requirements

First Year Composition [FYC]

ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL   3 hrs

ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL   3 hrs

Literacy and Critical Inquiry [L]


ENG 216: PERSUASIVE WRITING ON PUBLIC



3 hrs

If ENG 216 is not offered, COM 225 may be used to satisfy the [L] requirement and ENG 216 can be taken after transfer to ASU.

Mathematical Studies [MA, CS]

MAT 140: College Mathematics or
MAT 141: College Mathematics or
MAT 142: College Mathematics or
MAT 145: College Mathematics with Review
or
MAT 146: College Mathematics with Review
or
Higher level course that meets MA
requirement  3-6 hrs



MAT 206: Elements of Statistics   3 hrs



Humanities, Arts, and Design [HU]

Humanities, Arts, and Design [HU]  3 hrs


Humanities, Arts, and Design  3 hrs

Social-Behavioral Science [SB]


POS 110: American National Government   3 hrs

SOC 101: Introduction to Sociology   3 hrs


Natural Science [SQ, SG]


Natural Science [SQ, SG]  4 hrs

Select at least one [SQ] within the Natural Science requirement.

Natural Science [SQ, SG]  4 hrs

General Education Awareness Areas [C, H, G]

Cultural Diversity in the U.S. [C]  0-3 hrs

Historical or Global Awareness [H] or [G]  0-3 hrs


Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Public Service & Policy B.S. program.

MCCCD Additional Requirements

| | | |
|-----------------------------------|---------|---|
| COM 225: Public Speaking | 0-3 hrs |  |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|----------|--|
| PAD 100: 21st Century Public Policy and Service | 3 hrs | |
| PAD 200: Public Affairs Economics | 0-3 hrs | Student may take PAD200 at a Maricopa community college or take PAF201 in their first semester at ASU. |
| Public Programs Elective Requirement: complete a course that transfers to ASU with the following prefix CRJ, HST, PAF, POS, SOC, SOS, OR SWU (according to the CEG for the term taken). | 3 hrs | Public Programs Elective Requirement: Cannot be met with MCCCD's PAD 100 (ASU PAF 100), PAD 200 (ASU PAF 201), POS 110 (ASU POS 110), or SOC 101 (ASU SOC 101). |
| COPP Interdisciplinary Requirement | 6 hrs | Select one course from two different College of Public Programs Interdisciplinary Requirement Tracks, for a total of 6 credit hours. Please see below for track titles. |
| Lower Division Elective | 0-13 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60

Track/Groups

COPP Interdisciplinary Requirement

| | |
|--|---|
| COPP Interdisciplinary Requirement | |
| AJS 101: Introduction To Criminal Just or AJS 212: Juvenile Justice Procedures or AJS 109: Substantive Criminal Law OR | COPP Interdisciplinary Requirement |
| AJS 270: Community Relations | |
| REC 120: Leisure and the Quality of Life or HRM 160: Tourism Principles And Practices | COPP Interdisciplinary Requirement |
| SWU 171: Introduction to Social Welfare | |





Pathway Agreement


Print




Maricopa Community College District
Public Service and Public Policy (Law and Policy), BS Pathway
2020-2021



ASU Major: [Public Service and Public Policy \(Law and Policy\), BS | College of Public Service and Community Solutions](#)

Pathway Requirements



| | |
|--|---|
| First Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL |   3 hrs |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL |   3 hrs |



| | | |
|---|--|---|
| Literacy and Critical Inquiry [L] ENG 216: PERSUASIVE WRITING ON PUBLIC |  3 hrs | If ENG 216 is not offered, COM 225 may be used to satisfy the [L] requirement and ENG 216 can be taken after transfer to ASU. |
|---|--|---|

| | |
|--|---|
| Mathematical Studies [MA, CS] MAT 140: College Mathematics or MAT 141: College Mathematics or MAT 142: College Mathematics or MAT 145: College Mathematics with Review or MAT 146: College Mathematics with Review or Higher level course that meets MA requirement |  3-6 hrs |
| MAT 206: Elements of Statistics |   3 hrs |

| | |
|--|---|
| Humanities, Arts, and Design [HU] Humanities, Arts, and Design |  3 hrs |
| Humanities, Arts, and Design |  3 hrs |

| | |
|--|---|
| Social-Behavioral Science [SB] POS 110: American National Government |   3 hrs |
| SOC 101: Introduction to Sociology |   3 hrs |

| | | |
|---|---|----------------------------------|
| Natural Science [SQ, SG] Natural Science [SQ, SG] |  4 hrs | Complete at least one SQ course. |
| Natural Science [SQ, SG] |  4 hrs | |

| | |
|--|---|
| General Education Awareness Areas [C, H, G] Cultural Diversity in the U.S. [C] |  0-3 hrs |
| Historical or Global Awareness [H] or [G] |  0-3 hrs |


Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Public Service & Public Policy (Law and Policy) B.S. program.

MCCCD Additional Requirements

| | | |
|-----------------------------------|---------|---|
| COM 225: Public Speaking | 0-3 hrs |  |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---------|---|
| AJS 101: Introduction To Criminal Just | 3 hrs | |
| AJS 113: Criminal Justice Crime Contro | 3 hrs | |
| PAD 100: 21st Century Public Policy and Service | 3 hrs | |
| PAD 200: Public Affairs Economics | 0-3 hrs | |
| Related Area Course | 3 hrs | Complete a course that transfers to ASU with the following prefix CRJ, HST, PAF, POS, SOC, SOS, SWU according to the CEG for the term taken. Course cannot come from PAD 100, PAD 201, POS 110, OR SOC 101. |
| COPP Interdisciplinary Requirement | 6 hrs | Select one course (not AJS 101) from two different College of Public Programs Interdisciplinary Requirement Tracks, for a total of 6 credit hours. |
| Lower Division Elective | 0-7 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60

Track/Groups

COPP Interdisciplinary Requirement

| | |
|---|---|
| COPP Interdisciplinary Requirement | |
| AJS 212: Juvenile Justice Procedures or AJS 109: Substantive Criminal Law or AJS 270: Community Relations | COPP Interdisciplinary Requirement |
| REC 120: Leisure and the Quality of Life or HRM 160: Tourism Principles And Practices | COPP Interdisciplinary Requirement |
| SWU 171: Introduction to Social Welfare | |

Pathway Agreement

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Maricopa Community College District

Public Service and Public Policy (Nonprofit Leadership and Management), BS Pathway

2020-2021

ASU Major: [Public Service and Public Policy \(Nonprofit Leadership and Management\), BS](#) | College of Public Service and Community Solutions


Pathway Requirements

First Year Composition [FYC]


ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL   3 hrs

ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL   3 hrs

Literacy and Critical Inquiry [L]


ENG 216: PERSUASIVE WRITING ON PUBLIC  3 hrs If ENG 216 is not offered, COM 225 may be used to satisfy the [L] requirement and ENG 216 can be taken after transfer to ASU.


Mathematical Studies [MA, CS]

MAT 140: College Mathematics or
MAT 141: College Mathematics or
MAT 142: College Mathematics or
MAT 145: College Mathematics with Review
or
MAT 146: College Mathematics with Review
or
Higher level course that meets MA
requirement  3-6 hrs

MAT 206: Elements of Statistics   3 hrs



Humanities, Arts, and Design [HU]

Humanities, Arts, and Design  3 hrs


Humanities, Arts, and Design  3 hrs


Social-Behavioral Science [SB]

POS 110: American National Government   3 hrs


SOC 101: Introduction to Sociology   3 hrs


Natural Science [SQ, SG]

Natural Science [SQ, SG]  4 hrs Select at least one [SQ] within the Natural Science requirement.

Natural Science [SQ, SG]  4 hrs

General Education Awareness Areas [C, H, G]

Cultural Diversity in the U.S. [C]  0-3 hrs

Historical or Global Awareness [H] or [G]  0-3 hrs

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Public Service & Policy (Nonprofit Leadership and Management) B.S. program.

MCCCD Additional Requirements
COM 225: Public Speaking



| | | |
|-----------------------------------|---------|---------------------------------|
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |
|-----------------------------------|---------|---------------------------------|

Additional Lower Division Requirements
PAD 100: 21st Century Public Policy and Service

3 hrs

| | | |
|-----------------------------------|---------|--|
| PAD 200: Public Affairs Economics | 0-3 hrs | Student may take PAD200 at a Maricopa community college or take PAF201 in their first semester at ASU. |
|-----------------------------------|---------|--|

| | | |
|--|-------|--|
| REC 120: Leisure and the Quality of Life | 3 hrs | |
|--|-------|--|

| | | |
|---|-------|---|
| Public Programs Elective Requirement: complete a course that transfers to ASU with the following prefix CRJ, HST, PAF, POS, SOC, SOS, OR SWU (according to the CEG for the term taken). | 3 hrs | Public Programs Electives: Cannot be met with MCCC's PAD 100 (ASU PAF 100), PAD 200 (ASU PAF 201), POS 110 (ASU POS 110), or SOC 101 (ASU SOC 101). |
|---|-------|---|

| | | |
|------------------------------------|-------|--|
| COPP Interdisciplinary Requirement | 3 hrs | Select one course from College of Public Programs Interdisciplinary Requirement Tracks, for a total of 3 credit hours. |
|------------------------------------|-------|--|

| | | |
|-------------------------|----------|--|
| Lower Division Elective | 0-13 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |
|-------------------------|----------|--|

Total Required Credits: 60

Track/Groups

COPP Interdisciplinary Requirement

| COPP Interdisciplinary Requirement | |
|--|------------------------------------|
| AJS 101: Introduction To Criminal Just or AJS 212: Juvenile Justice Procedures or AJS 109: Substantive Criminal Law or AJS 270: Community Relations | COPP Interdisciplinary Requirement |
| HRM 160: Tourism Principles And Practices | |
| COPP Interdisciplinary Requirement | |
| SWU 171: Introduction to Social Welfare | |

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Maricopa Community College District

Public Service and Public Policy (Parks and Recreation Management), BS Pathway

2020-2021

ASU Major: [Public Service and Public Policy \(Parks and Recreation Management\), BS | College of Public Service and Community Solutions](#)


Pathway Requirements

First Year Composition [FYC]


ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL   3 hrs



ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL   3 hrs

Literacy and Critical Inquiry [L]


ENG 216: PERSUASIVE WRITING ON PUBLIC  3 hrs If ENG 216 is not offered, COM 225 may be used to satisfy the [L] requirement and ENG 216 can be taken after transfer to ASU.


Mathematical Studies [MA, CS]

MAT 140: College Mathematics or
MAT 141: College Mathematics or
MAT 142: College Mathematics or
MAT 145: College Mathematics with Review
or
MAT 146: College Mathematics with Review
or
Higher level course that meets MA
requirement  3-6 hrs

MAT 206: Elements of Statistics   3 hrs

Humanities, Arts, and Design [HU]

Humanities, Arts, and Design  3 hrs


Humanities, Arts, and Design  3 hrs


Social-Behavioral Science [SB]

POS 110: American National Government   3 hrs


SOC 101: Introduction to Sociology   3 hrs


Natural Science [SQ, SG]

Natural Science [SQ, SG]  4 hrs Select at least one [SQ] within the Natural Science requirement.

Natural Science [SQ, SG]  4 hrs

General Education Awareness Areas [C, H, G]

Cultural Diversity in the U.S. [C]  0-3 hrs


Historical or Global Awareness [H] or [G]  0-3 hrs

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Public Service & Policy (Parks & Recreation Management) B.S. program.

| | | |
|---|----------|--|
| MCCCD Additional Requirements | | |
| COM 225: Public Speaking | 0-3 hrs |  |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |
| Additional Lower Division Requirements | | |
| PAD 100: 21st Century Public Policy and Service | 3 hrs | |
| PAD 200: Public Affairs Economics | 0-3 hrs | Student may take PAD200 at a Maricopa community college or take PAF201 in their first semester at ASU. |
| REC 120: Leisure and the Quality of Life | 3 hrs | |
| Public Programs Elective Requirement: complete a course that transfers to ASU with the following prefix CRJ, HST, PAF, POS, SOC, SOS, OR SWU (according to the CEG for the term taken). | 3 hrs | Public Programs Electives: Cannot be met with MCCC's PAD 100 (ASU PAF 100), PAD 200 (ASU PAF 201), POS 110 (ASU POS 110), or SOC 101 (ASU SOC 101). |
| COPP Interdisciplinary Requirement | 3 hrs | Select one course from College of Public Programs Interdisciplinary Requirement Tracks, for a total of 3 credit hours. Please see below for track titles. |
| Lower Division Elective | 0-13 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60

Track/Groups

COPP Interdisciplinary Requirement

| COPP Interdisciplinary Requirement | |
|---|---------------------------|
| AJS 101: Introduction To Criminal Justice or AJS 212: Juvenile Justice Procedures or AJS 109: Substantive Criminal Law or AJS 270: Community Relations | Interdisciplinary Track 1 |
| COPP Interdisciplinary Requirement | |
| HRM 160: Tourism Principles And Practices | Interdisciplinary Track 2 |
| COPP Interdisciplinary Requirement | |
| SWU 171: Introduction to Social Welfare | Interdisciplinary Track 3 |

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Maricopa Community College District


Public Service and Public Policy (Science and Technology Policy), BS Pathway


2020-2021

ASU Major: [Public Service and Public Policy \(Science and Technology Policy\), BS](#) | College of Public Service and Community Solutions


Pathway Requirements

First Year Composition [FYC]


ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL   3 hrs


ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL   3 hrs

Literacy and Critical Inquiry [L]


ENG 216: PERSUASIVE WRITING ON PUBLIC  3 hrs If ENG 216 is not offered, COM 225 may be used to satisfy the [L] requirement and ENG 216 can be taken after transfer to ASU.


Mathematical Studies [MA, CS]

MAT 140: College Mathematics or
MAT 141: College Mathematics or
MAT 142: College Mathematics or
MAT 145: College Mathematics with Review
or
MAT 146: College Mathematics with Review
or
Higher level course that meets MA
requirement  3-6 hrs

MAT 206: Elements of Statistics   3 hrs

Humanities, Arts, and Design [HU]

Humanities, Arts, and Design  3 hrs


Humanities, Arts, and Design  3 hrs


Social-Behavioral Science [SB]

POS 110: American National Government   3 hrs


SOC 101: Introduction to Sociology   3 hrs


Natural Science [SQ, SG]

Natural Science [SQ, SG]  4 hrs Select at least one [SQ] within the Natural Science requirement.

Natural Science [SQ, SG]  4 hrs

General Education Awareness Areas [C, H, G]

Cultural Diversity in the U.S. [C]  0-3 hrs

Historical or Global Awareness [H] or [G]  0-3 hrs


Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Public Service & Policy (Science & Technology Policy) B.S. program.

MCCCD Additional Requirements

| | | |
|-----------------------------------|---------|---|
| COM 225: Public Speaking | 0-3 hrs |  |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|----------|--|
| PAD 100: 21st Century Public Policy and Service | 3 hrs | |
| PAD 200: Public Affairs Economics | 0-3 hrs | Student may take PAD200 at a Maricopa community college or take PAF201 in their first semester at ASU. |
| Public Programs Elective Requirement: complete a course that transfers to ASU with the following prefix CRJ, HST, PAF, POS, SOC, SOS, OR SWU (according to the CEG for the term taken). | 3 hrs | Public Programs Electives: Cannot be met with MCCCCD's PAD 100 (ASU PAF 100), PAD 200 (ASU PAF 201), POS 110 (ASU POS 110), or SOC 101 (ASU SOC 101). |
| COPP Interdisciplinary Requirement | 6 hrs | Select one course from two different College of Public Programs Interdisciplinary Requirement Tracks, for a total of 6 credit hours. Please see below for track titles. |
| Lower Division Elective | 0-13 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60

Track/Groups

COPP Interdisciplinary Requirement

| COPP Interdisciplinary Requirement | |
|--|---|
| AJS 101: Introduction To Criminal Justice or AJS 212: Juvenile Justice Procedures or | Interdisciplinary Track 1 |
| AJS 109: Substantive Criminal Law or AJS 270: Community Relations | COPP Interdisciplinary Requirement |
| SWU 171: Introduction to Social Welfare | Interdisciplinary Track 2 |
| COPP Interdisciplinary Requirement | |
| REC 120: Leisure and the Quality of Life or HRM 160: Tourism Principles And Practices | Interdisciplinary Track 3 |

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Maricopa Community College District

Public Service and Public Policy (Social Services Delivery), BS Pathway

2020-2021

ASU Major: [Public Service and Public Policy \(Social Services Delivery\), BS](#) | College of Public Service and Community Solutions

Pathway Requirements

First Year Composition [FYC]

ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL



3 hrs

ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL



3 hrs

Literacy and Critical Inquiry [L]

ENG 216: PERSUASIVE WRITING ON PUBLIC ISSUES



3 hrs

If ENG 216 is not offered, COM 225 may be used to satisfy the [L] requirement and ENG 216 can be taken after transfer to ASU.

Mathematical Studies [MA, CS]

MAT 140: College Mathematics or
MAT 141: College Mathematics or
MAT 142: College Mathematics or
MAT 145: College Mathematics with Review
or
MAT 146: College Mathematics with Review



3-6 hrs

MAT 206: Elements of Statistics



3 hrs

Humanities, Arts, and Design [HU]

PHI 101: Introduction to Philosophy or
PHI 102: Introduction to Philosophy



3 hrs

Humanities, Arts, and Design [HU]



3 hrs

Social-Behavioral Science [SB]

POS 110: American National Government



3 hrs

SOC 101: Introduction to Sociology



3 hrs

Natural Science [SQ, SG]

Natural Science [SQ, SG]



4 hrs

Select at least one SQ course within the Natural Science requirement.

Natural Science [SQ, SG]



4 hrs

General Education Awareness Areas [C, H, G]

Cultural Diversity in the U.S. [C]



0 hrs

Requirement met by SWU 292

Historical or Global Awareness [H] or [G]



0 hrs

Requirement met by SWU 171.


MCCCD Additional Requirements

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Public Service & Policy B.S. program.

| | | | |
|---|---------|---|--|
| COM 225: Public Speaking | 0-3 hrs |  | |
| CRE 101: College Critical Reading | 0-3 hrs | | Complete CRE 101 or equivalent. |
| Additional Lower Division Requirements | | | |
| PAD 100: 21st Century Public Policy and Service | 3 hrs | | |
| PAD 200: Public Affairs Economics | 0-3 hrs | | Student may take PAD200 at a Maricopa community college or take PAF201 in their first semester at ASU. |
| SWU 171: Introduction to Social Welfare | 3 hrs | | This course simultaneously fulfills 3 credits of the COPP Interdisciplinary Requirement. |
| SWU 291: Social Service Delivery Systems | 3 hrs | | |
| SWU 295: Effective Helping in a Diverse World | 3 hrs | | |
| COPP Interdisciplinary Requirement | 3 hrs | | Select one course from College of Public Programs Interdisciplinary Requirement Tracks for a total of 3 credit hours in addition to SWU 171. |
| Related Area Course | 3 hrs | | Public Programs Elective Requirement: complete a course that transfers to ASU with the following prefix CRJ, HST, PAF, POS, SOC, SOS, SWU according to the CEG for the term taken. Course cannot come from PAD 100, POS 110, OR SOC 101. |
| Lower Division Elective | 0-7 hrs | | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60

Track/Groups

COPP Interdisciplinary Requirement

| | |
|---|---|
| COPP Interdisciplinary Requirement | |
| AJS 101: Introduction To Criminal Just or AJS 212: Juvenile Justice Procedures or AJS 109: Substantive Criminal Law | COPP Interdisciplinary Requirement |
| REC 120: Leisure and the Quality of Life or HRM 160: Tourism Principles And Practices | |

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Maricopa Community College District Public Service and Public Policy (Sustainability), BS Pathway 2020-2021

ASU Major: [Public Service and Public Policy \(Sustainability\), BS | College of Public Service and Community Solutions](#)


Pathway Requirements

First Year Composition [FYC]


ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL   3 hrs

ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL   3 hrs

Literacy and Critical Inquiry [L]

ENG 216: PERSUASIVE WRITING ON PUBLIC  3 hrs If ENG 216 is not offered, COM 225 may be used to satisfy the [L] requirement and ENG 216 can be taken after transfer to ASU.

Mathematical Studies [MA, CS]

MAT 140: College Mathematics or
MAT 141: College Mathematics or
MAT 142: College Mathematics or
MAT 145: College Mathematics with Review
or
MAT 146: College Mathematics with Review
or
Higher level course that meets the MA
requirement.  3-6 hrs



MAT 206: Elements of Statistics   3 hrs



Humanities, Arts, and Design [HU]

Humanities, Arts, and Design  3 hrs


Humanities, Arts, and Design  3 hrs


Social-Behavioral Science [SB]

POS 110: American National Government   3 hrs


SOC 101: Introduction to Sociology   3 hrs


Natural Science [SQ, SG]

Natural Science [SQ, SG]  4 hrs Choose at least one SQ within the Natural Sciences Requirement.

Natural Science [SQ, SG]  4 hrs

General Education Awareness Areas [C, H, G]

Cultural Diversity in the U.S. [C]  0-3 hrs

Historical or Global Awareness [H] or [G]  0-3 hrs


Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Public Service & Policy (Sustainability) B.S. program.

MCCCD Additional Requirements

| | | | |
|-----------------------------------|---------|---|---------------------------------|
| COM 225: Public Speaking | 0-3 hrs |  | |
| CRE 101: College Critical Reading | 0-3 hrs | | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | | |
|---|---------|--|--|
| PAD 100: 21st Century Public Policy and Service | 3 hrs | | |
| PAD 200: Public Affairs Economics | 0-3 hrs | | Student may take PAD 200 at a Maricopa community college or take PAF 201 in their first semester at ASU. |
| SSH 111: Sustainable Cities | 3 hrs | | |
| SUS 110: Sustainable World | 3 hrs | | |
| Related Area Elective | 3 hrs | | Public Programs Elective Requirement: complete a course that transfers to ASU with the following prefix CRJ, HST, PAF, POS, SOC, SOS, SWU according to the CEG for the term taken. Cannot be met with MCCCD's PAD 100, PAD 200, POS 110, or SOC 101. |
| COPP Interdisciplinary Requirement | 6 hrs | | Select one course from two different College of Public Programs Interdisciplinary Requirement Tracks, for a total of 6 credit hours. |
| Lower Division Elective | 0-7 hrs | | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60

Track/Groups

COPP Interdisciplinary Requirement

| COPP Interdisciplinary Requirement | |
|---|---------------------------|
| AJS 101: Introduction To Criminal Justice or AJS 212: Juvenile Justice Procedures or | Interdisciplinary Track 1 |
| COPP Interdisciplinary Requirement | |
| AJS 109: Substantive Criminal Law or AJS 270: Community Relations | Interdisciplinary Track 2 |
| COPP Interdisciplinary Requirement | |
| HRM 160: Tourism Principles And Practices | Interdisciplinary Track 3 |





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Maricopa Community College District
Recreation Therapy, BS Pathway
2020-2021


ASU Major: [Recreation Therapy, BS | Watts College of Public Service & Community Solut](#)


Pathway Requirements


| | |
|--|--|
| First Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL | 3 hrs   |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL | 3 hrs   |

| | |
|--|---|
| Literacy and Critical Inquiry [L] COM 225: Public Speaking | 3 hrs  |
|--|---|


| | |
|---|--|
| Mathematical Studies [MA, CS] MAT 140: College Mathematics or MAT 141: College Mathematics or MAT 142: College Mathematics or MAT 145: College Mathematics with Review or MAT 146: College Mathematics with Review | 3-6 hrs  |
|---|--|



| | |
|---|--|
| Computer/Statistics/Quantitative Applications [CS] | 3 hrs  |
|---|--|


| | |
|---|--|
| Humanities, Arts, and Design [HU] SWU 183: Introductory Ethics: A Social Service Perspective | 3 hrs  |
|---|--|


| | |
|--|--|
| Humanities, Arts, and Design [HU] | 3 hrs  |
|--|--|


| | |
|--|--|
| Social-Behavioral Science [SB] PSY 101: Introduction to Psychology | 3 hrs   |
|--|--|

| | |
|--|--|
| REC 120: Leisure and the Quality of Life | 3 hrs  |
|--|--|

| | |
|--|--|
| Natural Science [SQ, SG] BIO 201: Human Anatomy and Physiology I or BIO 201XT: Human Anatomy and Physiology I | 4 hrs   |
|--|--|

| | |
|---------------------------------|---|
| Natural Science [SQ, SG] | 4 hrs  Select an SQ within the Natural Science requirement. |
|---------------------------------|---|

| | |
|--|--|
| General Education Awareness Areas [C, H, G] Cultural Diversity in the U.S. [C] | 0-3 hrs  |
|--|--|

| | |
|---|--|
| Historical or Global Awareness [H] or [G] | 0-3 hrs  |
|---|--|


Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.


Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Recreation Therapy B.S. degree program.

MCCCD Additional Requirements

| | | |
|---|---|---------------------------------|
| COM 100: Introduction to Human Communication OR | 0 hrs | Satisfied by COM 225 |
| COM 110: Interpersonal Communication OR |  | |
| COM 225: Public Speaking OR | | |
| COM 230: Small Group Communication | | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---------|--|
| AJS 101: Introduction To Criminal Justice or AJS 109: Substantive Criminal Law or AJS 113: Criminal Justice Crime Control Policies and Prctices or AJS 212: Juvenile Justice Procedures or AJS 230: The Police Function or AJS 240: The Correction Function or AJS 270: Community Relations or PAD 100: 21st Century Public Policy and Service or PAD 200: Public Affairs Economics | 3 hrs | Fulfill's ASU Interdisciplinary Requirement |
| BIO 202: Human Anatomy and Physiology II or Lower Division Elective | 3-4 hrs | BIO 202 is recommended for students seeking graduate education in health professions |
| CFS 205: Human Development | 3 hrs | |
| EXS 101: Introduction to Exercise Science | 3 hrs |  |
| REC 210: Leisure Delivery Systems | 3 hrs | |
| REC 230: Programming of Recreation Services | 3 hrs | |
| Lower Division Elective | 0-7 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 61

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Maricopa Community College District Religious Studies (Religion, Culture and Public Life), BA Pathway 2020-2021


ASU Major: [Religious Studies \(Religion, Culture and Public Life\), BA | College of Liberal Arts and Sciences](#)



Pathway Requirements



First Year Composition [FYC]
ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL   3 hrs



ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL   3 hrs



Literacy and Critical Inquiry [L]
Literacy and Critical Inquiry [L]  3 hrs

Mathematical Studies [MA, CS]
MAT 140: College Mathematics or
MAT 141: College Mathematics or
MAT 142: College Mathematics or
MAT 145: College Mathematics with Review
or
MAT 146: College Mathematics with Review
or
Higher course that meets MA requirements.  3-6 hrs

Computer/Statistics/Quantitative Applications   3 hrs

| | | |
|--|---|--|
| Humanities, Arts, and Design [HU] Humanities, Arts, and Design [HU] |  3 hrs | May select a course that transfers as a departmental elective (DEC) or direct equivalency within the REL prefix. |
| Humanities, Arts, and Design [HU] |  3 hrs | May select a course that transfers as a departmental elective (DEC) or direct equivalency within the REL prefix. |

| | | |
|--|---|---|
| Social-Behavioral Science [SB] Social-Behavioral Science [SB] |  3 hrs | May select Related Area courses that transfer as either Department elective credit (DEC) or direct equivalency to a course in the following ASU prefixes: AFR, AIS, AMS, APA, APH, ARS, ASB, GCU, HPS, HST, JUS, PHI, POS, SGS, SOC, TCL, or WST. |
| Social-Behavioral Science [SB] |  3 hrs | May select Related Area courses that transfer as either Department elective credit (DEC) or direct equivalency to a course in the following ASU prefixes: AFR, AIS, AMS, APA, APH, ARS, ASB, GCU, HPS, HST, JUS, PHI, POS, SGS, SOC, TCL, or WST. |

| | | |
|--|---|--|
| Natural Science [SQ, SG] Natural Science [SQ, SG] |  4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] |  4 hrs | |

General Education Awareness Areas [C, H, G]

Pathway Notes



Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements


The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Emphasis in Religious Studies degree and AGECA. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Religious Studies (Religion, Culture and Public Life) B.A. degree program.

After Transfer to ASU: 2.5 cumulative GPA in religious studies courses required for graduation.

REL 101 is a required course that will be needed after transfer to ASU.

| | | |
|---|---------|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs |  |
| Historical or Global Awareness [H] or [G] | 0-3 hrs |  |

MCCCD Additional Requirements

| | | |
|---|---------|---|
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs |  |
|---|---------|---|

| | | |
|-----------------------------------|---------|---------------------------------|
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |
|-----------------------------------|---------|---------------------------------|

Additional Lower Division Requirements

| | | |
|--|----------|---|
| Related Area Courses | 0-6 hrs | Select up to two Related Area courses that transfer as either Department elective credit (DEC) or direct equivalency to a course in the following ASU prefixes: AFR, AIS, AMS, APA, APH, ARS, ASB, GCU, HPS, HST, JUS, PHI, POS, SGS, SOC, TCL, or WST. May be satisfied within Humanities, Arts and Design and Social and Behavioral Sciences AGEC categories. |
| Lower Division Second Language: Requirement satisfied through the following: Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 0-16 hrs | Select 101, 102, 201, 202 as needed to reach 4th semester proficiency. You may select specific courses from the Course Equivalency Guide that satisfy these criteria. Determination is made based on the semester and year the course is taken. |
| Lower Division Elective | 0-25 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60

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Maricopa Community College District Religious Studies (Religion, Politics and Global Affairs), BA Pathway 2020-2021


ASU Major: [Religious Studies \(Religion, Politics and Global Affairs\), BA | College of Liberal Arts and Sciences](#)



Pathway Requirements


First Year Composition [FYC]
ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL   3 hrs


ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL   3 hrs


Literacy and Critical Inquiry [L]
Literacy and Critical Inquiry [L]  3 hrs


Mathematical Studies [MA, CS]
MAT 140: College Mathematics or
MAT 141: College Mathematics or
MAT 142: College Mathematics or
MAT 145: College Mathematics with Review
or
MAT 146: College Mathematics with Review
or
Higher level course that meets MA
requirement  3-6 hrs


Computer/Statistics/Quantitative Applications   3 hrs


Humanities, Arts, and Design [HU]
Humanities, Arts, and Design [HU]  3 hrs May select a course that transfers as a departmental elective (DEC) or direct equivalency within the REL prefix.

Humanities, Arts, and Design [HU]  3 hrs May select a course that transfers as a departmental elective (DEC) or direct equivalency within the REL prefix.

Social-Behavioral Science [SB]
Social-Behavioral Science [SB]  3 hrs May select Related Area courses that transfer as either Department elective credit (DEC) or direct equivalency to a course in the following ASU prefixes: AFR, AIS, AMS, APA, APH, ARS, ASB, GCU, HPS, HST, JUS, PHI, POS, SGS, SOC, TCL, or WST.

Social-Behavioral Science [SB]  3 hrs May select Related Area courses that transfer as either Department elective credit (DEC) or direct equivalency to a course in the following ASU prefixes: AFR, AIS, AMS, APA, APH, ARS, ASB, GCU, HPS, HST, JUS, PHI, POS, SGS, SOC, TCL, or WST.

Natural Science [SQ, SG]
Natural Science [SQ, SG]  4 hrs Select at least one SQ within the Natural Science requirement.

Natural Science [SQ, SG]  4 hrs

General Education Awareness Areas [C, H, G]

Pathway Notes



Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.


Special Requirements

The recommended MCCCDC associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Emphasis in Religious Studies degree and AGECA. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Religious Studies (Religion, Politics and Global Affairs) B.A. degree program.

After Transfer to ASU: 2.5 cumulative GPA in religious studies courses required for graduation.

REL 101 is a required course that will be needed after transfer to ASU.

| | | |
|---|---------|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs |  |
| Historical or Global Awareness [H] or [G] | 0-3 hrs |  |

| | | |
|--|---------|---|
| MCCCD Additional Requirements COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs |  |
|--|---------|---|

| | | |
|-----------------------------------|---------|---------------------------------|
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |
|-----------------------------------|---------|---------------------------------|

| | | |
|--|----------|---|
| Additional Lower Division Requirements | | |
| Related Area Courses | 0-6 hrs | Select up to two Related Area courses that transfer as either Department elective credit (DEC) or direct equivalency to a course in the following ASU prefixes: AFR, AIS, AMS, APA, APH, ARS, ASB, GCU, HPS, HST, JUS, PHI, POS, SGS, SOC, TCL, or WST. May be satisfied within Humanities, Arts and Design and Social and Behavioral Sciences AGEC categories. |
| Lower Division Second Language: Requirement satisfied through the following: Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 0-16 hrs | Select 101, 102, 201, 202 as needed to reach 4th semester proficiency. You may select specific courses from the Course Equivalency Guide that satisfy these criteria. Determination is made based on the semester and year the course is taken. |
| Lower Division Elective | 0-25 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60

Pathway Agreement



[Print](#)



Maricopa Community College District
Science of Health Care Delivery, BS Pathway
2020-2021

ASU Major: [Science of Health Care Delivery, BS | College of Health Solutions](#)

Pathway Requirements

First Year Composition [FYC]


ENG 101: First-Year Composition or
 ENG 107: First-Year Composition for ESL   3 hrs

ENG 102: First-Year Composition or
 ENG 108: First-Year Composition for ESL   3 hrs


Literacy and Critical Inquiry [L]

Literacy and Critical Inquiry [L] 3 hrs

Mathematical Studies [MA, CS]



MAT 150: College Algebra/Functions or
 MAT 151: College Algebra/Functions or
 MAT 151AA: College Algebra/Functions I /
 College Algebra/Functions II / College
 Algebra/Functions III / College
 Algebra/Functions IV or
 MAT 152: College Algebra/Functions or
 MAT 155: College Algebra/Functions with
 Review or
 MAT 156: College Algebra/Functions with
 Review  3 hrs


Humanities, Arts, and Design [HU]

PHI 101: Introduction to Philosophy or
 PHI 102: Introduction to Philosophy  3 hrs


Humanities, Arts, and Design [HU]  3 hrs


Social-Behavioral Science [SB]

ECN 211: Macroeconomic Principles or
 ECN 212: Microeconomic Principles   3 hrs


PSY 101: Introduction to Psychology  3 hrs


Natural Science [SQ, SG]

Natural Science [SQ, SG]  4 hrs Select at least one SQ within the Natural Science requirement.

Natural Science [SQ, SG]  4 hrs

General Education Awareness Areas [C, H, G]

HES 210: Cultural Aspects of Health and Illness or
 IFS 215: Cultural Context of Health Information  3 hrs Fulfills Cultural Diversity in the U.S. [C]

Historical or Global Awareness [H] or [G]  0-3 hrs

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Science of Health Care Delivery, BS degree program.

MCCCD Additional Requirements

COM 100: Introduction to Human Communication OR



COM 110: Interpersonal Communication OR

COM 225: Public Speaking OR

COM 230: Small Group Communication

CRE 101: College Critical Reading and Critical Thinking

0-3 hrs

Additional Lower Division Requirements

Lower Division Elective

22-25 hrs

Total Required Credits: 60

Pathway Agreement

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Maricopa Community College District Science, Technology and Society, BS Pathway 2020-2021



ASU Major: [Science, Technology and Society, BS](#) | College of Integrative Sciences and Arts



Pathway Requirements



First Year Composition [FYC]
ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL   3 hrs



ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL   3 hrs



Literacy and Critical Inquiry [L]
Literacy and Critical Inquiry [L]   3 hrs



Mathematical Studies [MA, CS]
MAT 140: College Mathematics or
MAT 141: College Mathematics or
MAT 142: College Mathematics or
MAT 145: College Mathematics with Review
or
MAT 146: College Mathematics with Review
or
Higher level approved [MA] course   3-6 hrs



Computer/Statistics/Quantitative Applications
[C]   3 hrs



Humanities, Arts, and Design [HU]
Humanities, Arts, and Design [HU]   3 hrs



Humanities, Arts, and Design [HU]   3 hrs



Social-Behavioral Science [SB]
SOC 180: Social Implications of Technology   3 hrs

Social-Behavioral Science [SB]   3 hrs

Natural Science [SQ, SG]
Natural Science [SQ, SG]   4 hrs Select at least one SQ within the Natural Science requirement.

Natural Science [SQ, SG]   4 hrs

General Education Awareness Areas [C, H, G]
Cultural Diversity in the U.S. [C]   0-3 hrs

Historical or Global Awareness [H] or [G]   0-3 hrs


Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Science, Technology and Society, BS degree program.

Up to a maximum total number of 75 credits may be transferred to ASU for students on this MAPP.

| | | |
|---|--|---|
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |
| COM 100: Introduction to Human Communication OR COM 110: Interpersonal Communication OR COM 225: Public Speaking OR COM 230: Small Group Communication | 0-3 hrs  | |
| Additional Lower Division Requirements Science, Technology, and Society Related Area | 6 hrs | Select 2 courses that transfer to ASU as a Departmental Elective from the following prefixes: AES, AFR, AIS, APA, ASM, COM, ECN, FAS, GCU, HST, ISS, JUS, MIS, POS, PHI, PSY, REL, SGS, SOC, TCL, WST |
| Lower Division Elective | 7-19 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60

Pathway Agreement

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Maricopa Community College District Secondary Education (Chemistry), BAE Pathway 2020-2021

ASU Major: [Secondary Education \(Chemistry\), BAE | Mary Lou Fulton Teachers College](#)

Pathway Requirements

First-Year Composition [FYC]

ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL



3 hrs

ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL



3 hrs

Literacy and Critical Inquiry [L]

Literacy and Critical Inquiry



0-3 hrs

Recommend selecting a course that satisfies Literacy & Critical Inquiry, Social-Behavioral Sciences, Humanities & Fine Arts, COM, or CRE 101 requirements simultaneously.

Mathematical Studies [MA]

MAT 220: Calculus with Analytic Geometry I
or
MAT 221: Calculus with Analytic Geometry I



4-5 hrs

Humanities, Arts, and Design [HU]

Humanities, Arts, and Design [HU]



3 hrs

Humanities, Arts, and Design



3 hrs

Social-Behavioral Science [SB]

EDU 222: Intro to EXCEPTIONAL LEARNER



3 hrs

GCU 113: United States and Arizona Social Studies or
POS 113: United States and Arizona Social Studies or
HIS 103: United States History to 1865



3 hrs

HIS 103, GCU 113, and POS 113 meet US Constitution teacher certification requirement. GCU 113 and POS 113 (GCU/POS227 prior to Fall 2016) also meet AZ Constitution teacher certification requirement.

Natural Science [SQ, SG]

CHM 150: General Chemistry I and
CHM 151LL: General Chemistry I Laboratory
or
CHM 151: General Chemistry I and
CHM 151LL: General Chemistry I Laboratory
or
CHM 151AA: General Chemistry I



4-5 hrs

CHM 152: General Chemistry II and
CHM 152LL: General Chemistry II
Laboratory OR



4 hrs

CHM 152AA: General Chemistry II

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.




Special Requirements

The recommended MCCCDC associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Science, Emphasis in Secondary Education and AGEC-S. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Secondary Education (Chemistry) B.A.E. degree program.



Special Requirements: 2.5 GPA in Chemistry concentration courses. 2.5 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of "C" or better.

While successful completion of the MAPP will guarantee admission to ASU's Mary Lou Fulton Teachers College, additional course work in your content area of specialization may be required prior to admission to the iTeachAZ Professional Teacher Program which may impact your ability to seamlessly progress through the upper division course work. We recommend you speak to a Mary Lou Fulton Teachers College advisor to discuss these requirements further.


Subject Options

| | |
|--|--|
| MAT 230: Calculus with Analytic Geometry II or MAT 231: Calculus with Analytic Geometry II | 4-5 hrs  |
| PHY 101: Introduction to Physics or PHY 101AA: Introduction to Physics | 4 hrs   |




General Education Awareness Areas [C, H, G]

| | | |
|---|--|---|
| Cultural Diversity in the U.S. [C] | 0 hrs  | Satisfied by EDU 222. |
| Historical or Global Awareness [H] or [G] | 0 hrs  | Satisfied by HIS 103 or GCU/POS 113 (GCU/POS 227 prior to Fall 2016). |

MCCCD Additional Requirements

| | | |
|---|--|---------------------------------|
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs  | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|--|--|
| CHM 235: General Organic Chemistry I and CHM 235LL: General Organic Chemistry I L | 4 hrs  | |
| CHM 236: General Organic Chemistry IIA and CHM 236LL: General Organic Chemistry IIA | 4 hrs  | |
| CIS 105: Survey of Computer Information Systems or BPC 110: Computer Usage & Applications or CSC 180: Computer Literacy | 3 hrs  | |
| CFS 176: Child Development or ECH 176: Child Development | 3 hrs | |
| EDU 221: Introduction to Education | 3 hrs | |
| EDU 230: CULTURAL DIVERSITY IN EDUCATION | 3 hrs | EDU 230 is an acceptable MAPP course substitution for TEL 203. |
| POS 221: Arizona Constitution | 0-1 hrs | POS 221: Take to meet AZ Constitution requirement if HIS 103 was taken rather than GCU/POS 113 (GCU/POS227 prior to 2016) for [SB]. |
| Lower Division Elective | 0-2 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements, excluding MAT 120/121/122 (non-transferable to ASU). Recommended that students complete both Historical [H] and Global [G] Awareness prior to transferring to meet ASU bachelor's degree requirements. |

Total Required Credits: 60





Pathway Agreement


[Print](#)




**Maricopa Community College District
Secondary Education (English), BAE Pathway
2020-2021**



ASU Major: [Secondary Education \(English\), BAE | Mary Lou Fulton Teachers College](#)


Pathway Requirements


| | |
|--|---|
| First Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL |   3 hrs |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL |   3 hrs |



| | |
|--|--|
| Literacy and Critical Inquiry [L] ENG 200: READING & WRITING ABOUT LITERATURE |  3 hrs |
|--|--|

| | |
|---|---|
| Mathematical Studies [MA, CS] MAT 140: College Mathematics or MAT 141: College Mathematics or MAT 142: College Mathematics or MAT 145: College Mathematics with Review or MAT 146: College Mathematics with Review or Higher level course that meets MA requirement |  3-6 hrs |
| CSC 180: Computer Literacy or CIS 105: Survey of Computer Information Systems or BPC 110: Computer Usage & Applications |   3 hrs |

| | |
|--|---|
| Humanities, Arts, and Design [HU] ENH 221: SURVEY OF ENGLISH LITERATURE BEFORE 1800 |  3 hrs |
| ENH 222: Survey of English Literature After 1800 |  3 hrs |

| | |
|--|---|
| Social-Behavioral Science [SB] EDU 222: Intro to EXCEPTIONAL LEARNER |  3 hrs |
|--|---|

| | | |
|--|---|--|
| GCU 113: United States and Arizona Social Studies or POS 113: United States and Arizona Social Studies or HIS 103: United States History to 1865 |  3 hrs | HIS 103, GCU 113, and POS 113 meet US Constitution teacher certification requirement. GCU 113 and POS 113 (GCU/POS227 prior to Fall 2016) also meet AZ Constitution teacher certification requirement. |
|--|---|--|

| | | |
|---|---|---|
| Natural Science [SQ, SG] Natural Science [SQ, SG] |  4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] |  4 hrs | |

General Education Awareness Areas [C, H, G]

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

The recommended MCCC associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Emphasis in Secondary Education and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Secondary Education (English) BAE degree program.

Special Requirements: 2.5 GPA in English concentration courses beyond first-year composition. 2.5 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of "C" or better.

| | | |
|---|-------|---------------------|
| Cultural Diversity in the U.S. [C] | 0 hrs | [C] met by EDU 222. |
| Historical or Global Awareness [H] or [G] | 0 hrs | [H] met by ENH 222. |

MCCCD Additional Requirements

| | | |
|---|---------|---------------------------------|
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|--|---------|---|
| CFS 176: Child Development or ECH 176: Child Development | 3 hrs | |
| EDU 221: Introduction to Education | 3 hrs | |
| EDU 230: CULTURAL DIVERSITY IN EDUCATION | 3 hrs | EDU 230 is an acceptable MAPP course substitution for TEL 203. |
| ENG 215: Strategies of Academic Writing or ENG 216: Persuasive Writing on Public Issues or ENG 217: Personal and Exploratory Writing | 3 hrs | |
| ENH 241: American Literature Before 1860 | 3 hrs | |
| ENH 242: American Literature After 1860 | 3 hrs | |
| POS 221: Arizona Constitution | 0-1 hrs | POS 221: Take to meet AZ Constitution requirement if HIS 103 was taken rather than GCU/POS 113 (GCU/POS227 prior to 2016) for [SB]. |
| Lower Division Elective | 0-7 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements, excluding MAT 120/121/122 (non-transferable to ASU). |

Total Required Credits: 60

Pathway Agreement



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Maricopa Community College District Secondary Education (History), BAE Pathway 2020-2021

ASU Major: [Secondary Education \(History\), BAE | Mary Lou Fulton Teachers College](#)


Pathway Requirements

First Year Composition [FYC]


ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL   3 hrs



ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL   3 hrs

Literacy and Critical Inquiry [L]


Literacy and Critical Inquiry [L]  3 hrs COM 225 recommended to also cover Oral Communication.


Mathematical Studies [MA, CS]

MAT 140: College Mathematics or
MAT 141: College Mathematics or
MAT 142: College Mathematics or
MAT 145: College Mathematics with Review
or
MAT 146: College Mathematics with Review
or
Higher level course that meets MA
requirement  3-6 hrs


CSC 180: Computer Literacy or
CIS 105: Survey of Computer Information
Systems or
BPC 110: Computer Usage & Applications   3 hrs


Humanities, Arts, and Design [HU]

HIS 103: United States History to 1865  3 hrs HIS 103 meets US Constitution teacher certification requirement.


Humanities, Arts, and Design [HU]  3 hrs


Social-Behavioral Science [SB]

EDU 222: Intro to EXCEPTIONAL LEARNER  3 hrs


HIS 104: United States History 1865 to
Present  3 hrs


Natural Science [SQ, SG]

Natural Science [SQ, SG]  4 hrs Select at least one SQ within the Natural Science requirement.

Natural Science [SQ, SG]  4 hrs

General Education Awareness Areas [C, H, G]

Cultural Diversity in the U.S. [C]  0 hrs 3 hrs [C] met by EDU 222.

Historical or Global Awareness [H] or [G]  0 hrs 3 hrs [H] met by HIS 103.

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

The recommended MCCCDC associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Emphasis in Secondary Education degree and AGECE-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Secondary Education (History) B.A.E. degree program.

Special Requirements: 2.5 GPA in History concentration courses. 2.5 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of "C" or better.

While successful completion of the MAPP will guarantee admission to ASU's Mary Lou Fulton Teachers College, additional course work in your content area of specialization may be required prior to admission to the iTeachAZ Professional Teacher Program which may impact your ability to seamlessly progress through the upper division course work. We recommend you speak to a Mary Lou Fulton Teachers College advisor to discuss these requirements further.

MCCCD Additional Requirements

COM 100: Introduction to Human Communication or
COM 110: Interpersonal Communication or
COM 225: Public Speaking or
COM 230: Small Group Communication

0-3 hrs



CRE 101: College Critical Reading 0-3 hrs Complete CRE 101 or equivalent.

Additional Lower Division Requirements

CFS 176: Child Development or
ECH 176: Child Development

3 hrs

EDU 221: Introduction to Education

3 hrs

EDU 230: CULTURAL DIVERSITY IN EDUCATION

3 hrs

EDU 230 is an acceptable MAPP course substitution for TEL 203.

HIS 100: HIST OF W CIVILIZATION TO MID AGES or
HIS 101: HIST OF W CIVILIZATION/MID AGES-1789 or
HIS 102: HIST OF W CIVILIZATION/1789 TO PRSNT or
HIS 110: World History to 1500 or
HIS 111: WORLD HISTORY 1500 TO the PRESENT or
HIS 253: History of Ireland to 1603 or
HIS 254: HISTORY OF IRELAND 1603-PRESENT

6 hrs

Select two courses from the list. Prefer HIS 110 and HIS 111.

POS 221: Arizona Constitution

1 hrs

Related Area Courses

6 hrs

Select two ECN/GCU/POS courses

Lower Division Elective

0-3 hrs

Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements.

Total Required Credits: 60

Pathway Agreement



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Maricopa Community College District Secondary Education (Mathematics), BAE Pathway 2020-2021

ASU Major: [Secondary Education \(Mathematics\), BAE | Mary Lou Fulton Teachers College](#)


Pathway Requirements

First Year Composition [FYC]



ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL   3 hrs

ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL   3 hrs

Literacy and Critical Inquiry [L]

Literacy and Critical Inquiry [L]  3 hrs COM 225 recommended to also cover Oral Communication

Mathematical Studies [MA, CS]

MAT 220: Calculus with Analytic Geometry I
or
MAT 221: Calculus with Analytic Geometry I   4-5 hrs

BPC 110: Computer Usage and Applications OR
CIS 105: Survey of Computer Information Systems OR
CIS 163AA: Java Programming: Level I OR
CSC 100: Introduction to Computer Science (C++) or
CSC 100AB: Introduction to Computer Science (C++) OR
CSC 110AA: Introduction to Computer Science (Java) or
CSC 110AB: Introduction to Computer Science (Java) OR
CSC 150: Programming in C/C++ OR
CSC 180: Computer Literacy OR
CSC 205: Object Oriented Programming and Data Structures or
CSC 205AA: Object Oriented Programming and Data Structures or
CSC 205AB: Object Oriented Programming and Data Structures or
CSC 205AC: Object Oriented Programming and Data Structures or
CSC 205AD: Object Oriented Programming and Data Structures




ASU recommends BPC 110, CIS 105, or CSC 180


Humanities, Arts, and Design [HU]

Humanities, Arts, and Design [HU]  3 hrs

Humanities, Arts, and Design [HU]  3 hrs

Social-Behavioral Science [SB]

EDU 222: Intro to EXCEPTIONAL LEARNER  3 hrs

GCU 113: United States and Arizona Social Studies or
POS 113: United States and Arizona Social Studies or
HIS 103: United States History to 1865  3 hrs HIS 103, GCU 113, and POS 113 meet US Constitution teacher certification requirement. GCU 113 and POS 113 (GCU/POS227 prior to Fall 2016) also meet AZ Constitution teacher certification requirement.

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Emphasis in Secondary Education degree and AGECE-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Secondary Education (Mathematics) B.A.E. degree program.

2.5 GPA required in Mathematics concentration courses and coursework used to satisfy MAPP requirements. All courses must be completed with a grade of "C" or better.

While successful completion of the MAPP will guarantee admission to ASU's Mary Lou Fulton Teachers College, additional course work in your content area of specialization may be required prior to admission to the iTeachAZ Professional Teacher Program which may impact your ability to seamlessly progress through the upper division course work. We recommend you speak to a Mary Lou Fulton Teachers College advisor to discuss these requirements further.

Natural Science [SQ, SG]

| | | |
|--------------------------|-------|--|
| Natural Science [SQ, SG] | 4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs | |

| | | |
|---|-------|---|
| General Education Awareness Areas [C, H, G] Cultural Diversity in the U.S. [C] | 0 hrs | Cultural Diversity in the U.S. - 3 hrs [C] met by EDU 222 |
| Historical or Global Awareness [H] or [G] | 0 hrs | |

| | | |
|--|---------|---------------------------------|
| MCCCD Additional Requirements COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

| | | |
|---|---------|---|
| Additional Lower Division Requirements CFS 176: Child Development or ECH 176: Child Development | 3 hrs | |
| EDU 221: Introduction to Education | 3 hrs | |
| EDU 230: CULTURAL DIVERSITY IN EDUCATION | 3 hrs | EDU 230 is an acceptable MAPP course substitution for TEL 203. |
| MAT 227: Discrete Mathematical Structures | 3 hrs | |
| MAT 230: Calculus with Analytic Geometry II or MAT 231: Calculus with Analytic Geometry II | 4-5 hrs | |
| MAT 240: Calculus with Analytic Geometry III or MAT 241: Calculus with Analytic Geometry III | 4-5 hrs | |
| MAT 276: Modern Differential Equations or MAT 277: Modern Differential Equations | 0-4 hrs | Can be completed after transfer to ASU. |
| POS 221: Arizona Constitution | 0-1 hrs | POS 221: Take to meet AZ Constitution requirement if HIS 103 was taken rather than GCU/POS 113 (GCU/POS227 prior to 2016) for [SB]. |
| Lower Division Elective | 0-4 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements, excluding MAT 120/121/122 (non-transferable to ASU). |

Total Required Credits: 60

Pathway Agreement


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Maricopa Community College District Secondary Education (Physical Education), BAE Pathway 2020-2021

ASU Major: [Secondary Education \(Physical Education\), BAE | Mary Lou Fulton Teachers College](#)


Pathway Requirements

First Year Composition [FYC]


ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL 


ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL 

Literacy and Critical Inquiry [L]

Literacy and Critical Inquiry [L]  Recommend selecting COM 225 to meet [L] and MCCCDC Additional Requirement simultaneously.

Mathematical Studies [MA, CS]


MAT 140: College Mathematics or
MAT 141: College Mathematics or
MAT 142: College Mathematics or
MAT 145: College Mathematics with Review
or
MAT 146: College Mathematics with Review
or
Higher level course that meets the MA
requirement. 

CIS 105: Survey of Computer Information Systems OR  Any course with the general studies [CS] can satisfy this requirement.

CSC 180: Computer Literacy OR


BPC 110: Computer Usage & Applications


Humanities, Arts, and Design [HU]

EDU 291: Children's Literature or
ENH 291: Children's Literature  EDU 291 is an acceptable MAPP course substitution for TEL 208.


Humanities, Arts, and Design [HU] 


Social-Behavioral Science [SB]

HIS 103: United States History to 1865 or
POS 113: United States and Arizona Social Studies or
GCU 113: United States and Arizona Social Studies  HIS 103, GCU 113, and POS 113 meet US Constitution teacher certification requirement. GCU 113 and POS 113 (GCU/POS227 prior to Fall 2016) also meet AZ Constitution teacher certification requirement.

EDU 222: Intro to EXCEPTIONAL LEARNER 

Natural Science [SQ, SG]

Natural Science [SQ]  Select a course that satisfies the [SQ] requirement. BIO 181 recommended.

BIO 201: Human Anatomy and Physiology 

General Education Awareness Areas [C, H, G]

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

The recommended MCCCDC associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Emphasis in Secondary Education and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Secondary Education (Physical Education) BAE degree program.

While a 2.0 is the minimum GPA for ASU's MAPP requirements, Mary Lou Fulton Teachers College requires a 2.5 GPA instead for coursework used to satisfy MAPP requirements. All courses must be completed with a C or greater.

While successful completion of the MAPP will guarantee admission to ASU's Mary Lou Fulton Teachers College, additional course work in your content area of specialization may be required prior to admission to the Professional Pathways Program which may impact your ability to seamlessly progress through the upper division course work. We recommend you speak to a Mary Lou Fulton Teachers College advisor to discuss these requirements further.

| | | |
|---|-------|---|
| Cultural Diversity in the U.S. [C] | 0 hrs | 3 hrs [C] met by EDU 222. |
| Historical or Global Awareness [H] or [G] | 0 hrs | Satisfied by HIS 103 or GCU 113/POS 113 (GCU/POS 227 prior to Fall 2016). |

MCCCD Additional Requirements

| | | |
|---|---------|---------------------------------|
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---------|---|
| BIO 202: Human Anatomy and Physiology | 4 hrs | |
| CFS 176: Child Development or ECH 176: Child Development | 3 hrs | |
| EXS 101: Introduction to Exercise Science | 3 hrs | Meets requirement and course prerequisite for the AA, Emphasis in Secondary Education. |
| EXS 125: Introduction to Exercise Physiology | 3 hrs | Meets requirement and course prerequisite for the AA, Emphasis in Secondary Education. |
| EDU 230: CULTURAL DIVERSITY IN EDUCATION | 3 hrs | EDU 230 is an acceptable MAPP course substitution for TEL 203. |
| EDU 221: Introduction to Education | 3 hrs | |
| EXS 214: Instructional Competency: Flexibility and Mind- Body Exercises | 2 hrs | |
| EXS 216: Instructional Competency: Muscular Strength and Conditioning | 2 hrs | |
| EXS 218: Instructional Competency: Cardiorespiratory Exercises and Activities | 2 hrs | |
| HES 100: Healthful Living | 3 hrs | Meets requirement and course prerequisite for the AA, Emphasis in Secondary Education. |
| POS 221: Arizona Constitution | 0-1 hrs | POS 221: Take to meet AZ Constitution requirement if HIS 103 was taken rather than GCU/POS 113 (GCU/POS227 prior to 2016) for [SB]. |

Total Required Credits: 63

Pathway Agreement

Print

Maricopa Community College District Secondary Education (Physics), BAE Pathway 2020-2021

ASU Major: [Secondary Education \(Physics\), BAE | Mary Lou Fulton Teachers College](#)

Pathway Requirements

First-Year Composition [FYC]

ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL



3 hrs

ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL



3 hrs

Literacy and Critical Inquiry [L]

Literacy and Critical Inquiry [L]

0-3 hrs



COM 225 recommended to also cover Oral Communication.

Mathematical Studies [MA]

MAT 220: Calculus with Analytic Geometry I
or
MAT 221: Calculus with Analytic Geometry I



4-5 hrs

Humanities, Arts, and Design [HU]

Humanities, Arts, and Design [HU]

3 hrs



Humanities, Arts, and Design [HU]

3 hrs



Social-Behavioral Science [SB]

EDU 222: Intro to EXCEPTIONAL LEARNER

3 hrs



HIS 103: United States History to 1865 or
POS 113: United States and Arizona Social Studies or
GCU 113: United States and Arizona Social Studies

3 hrs



HIS 103, GCU 113, and POS 113 meet US Constitution teacher certification requirement. GCU 113 and POS 113 (GCU/POS227 prior to Fall 2016) also meet AZ Constitution teacher certification requirement.

Natural Science [SQ, SG]

PHY 115: University Physics I or
PHY 121: UNIVERSITY PHYSICS I:
MECHANICS



4-5 hrs

PHY 116: University Physics II or
PHY 131: University Physics II: Electricity
and Magnetism



4-5 hrs

Subject Options

MAT 230: Calculus with Analytic Geometry II
or
MAT 231: Calculus with Analytic Geometry II



4-5 hrs

MAT 240: Calculus with Analytic Geometry III
or
MAT 241: Calculus with Analytic Geometry III



4-5 hrs

General Education Awareness Areas [C, H, G]

Pathway Notes



Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements


The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Science, Emphasis in Secondary Education and AGEC-S. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Secondary Education (Physics) BAE degree program.

Special Requirements: 2.5 GPA in Physics concentration courses. 2.5 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of "C" or better.


While successful completion of the MAPP will guarantee admission to ASU's Mary Lou Fulton Teachers College, additional course work in your content area of specialization may be required prior to admission to the iTeachAZ Professional Teacher Program which may impact your ability to seamlessly progress through the upper division course work. We recommend you speak to a Mary Lou Fulton Teachers College advisor to discuss these requirements further.

| | | |
|---|--|---|
| Cultural Diversity in the U.S. [C] | 0 hrs  | 3 hrs [C] met by EDU 222. |
| Historical or Global Awareness [H] or [G] | 0 hrs  | Satisfied by HIS 103 or GCU 113/POS 113 (GCU/POS 227 prior to Fall 2016). |

MCCCD Additional Requirements

| | | |
|---|--|---------------------------------|
| COM 100: Introduction to Human Communication OR | 0-3 hrs  | |
| COM 110: Interpersonal Communication OR | | |
| COM 225: Public Speaking OR | | |
| COM 230: Small Group Communication | | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|--|---|
| CFS 176: Child Development or ECH 176: Child Development | 3 hrs | |
| CIS 105: Survey of Computer Information Systems or BPC 110: Computer Usage & Applications or CSC 180: Computer Literacy | 3 hrs  | |
| EDU 221: Introduction to Education | 3 hrs | |
| EDU 230: CULTURAL DIVERSITY IN EDUCATION | 3 hrs | EDU 230 is an acceptable MAPP course substitution for TEL 203. |
| PHY 241: University Physics III: Thermodynamics, Optics, and Wave Phenomena | 4 hrs | |
| POS 221: Arizona Constitution | 0-1 hrs | POS 221: Take to meet AZ Constitution requirement if HIS 103 was taken rather than GCU/POS 113 (GCU/POS227 prior to 2016) for [SB]. |
| Lower Division Elective | 0-6 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements, excluding MAT 120/121/122 (non-transferable to ASU). |

Total Required Credits: 60





Pathway Agreement


Print




Maricopa Community College District
Secondary Education (Political Science), BAE Pathway
2020-2021



ASU Major: [Secondary Education \(Political Science\), BAE | Mary Lou Fulton Teachers College](#)




Pathway Requirements



| | |
|--|---|
| First Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL |   |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL |   |

| | | |
|---|--|--|
| Literacy and Critical Inquiry [L] Literacy and Critical Inquiry [L] |  | 3 hrs COM 225 recommended to also cover Oral Communication. |
|---|--|--|

| | | |
|---|---|---------|
| Mathematical Studies [MA, CS] MAT 140: College Mathematics or MAT 141: College Mathematics or MAT 142: College Mathematics or MAT 145: College Mathematics with Review or MAT 146: College Mathematics with Review or Higher level course that meets MA requirement |  | 3-6 hrs |
| CIS 105: Survey of Computer Information Systems or BPC 110: Computer Usage & Applications or CSC 180: Computer Literacy |   | 3 hrs |

| | | |
|--|---|---|
| Humanities, Arts, and Design [HU] HIS Elective |  | 3 hrs Select a course that transfers to ASU as HST Direct Equivalency or Department Elective with HU General Studies designation. This course will count towards the 12 total credit hours for Related Area requirement. |
| Humanities, Arts, and Design [HU] |  | 3 hrs |

| | | |
|--|---|-------|
| Social-Behavioral Science [SB] POS 120: World Politics or POS 140: Comparative Government |   | |
| EDU 222: Intro to EXCEPTIONAL LEARNER |  | 3 hrs |

| | | |
|---|---|---|
| Natural Science [SQ, SG] Natural Science [SQ, SG] |  | 4 hrs Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] |  | 4 hrs |

General Education Awareness Areas [C, H, G]

Pathway Notes



Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements


The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Emphasis in Secondary Education and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Secondary Education (Political Science) BAE degree program.

Special Requirements: 2.5 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of "C" or better.




While successful completion of the MAPP will guarantee admission to ASU's Mary Lou Fulton Teachers College, additional course work in your content area of specialization may be required prior to admission to the iTeachAZ Professional Teacher Program which may impact your ability to seamlessly progress through the upper division course work. We recommend you speak to a Mary Lou Fulton Teachers College advisor to discuss these requirements further.

| | | |
|---|--|--------------------------------------|
| Cultural Diversity in the U.S. [C] | 0 hrs  | 3 hrs [C] met by EDU 222. |
| Historical or Global Awareness [H] or [G] | 0 hrs  | 3 hrs [G] met by POS 120 or POS 140. |

MCCCD Additional Requirements

| | | |
|---|--|---------------------------------|
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs  | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|---|--|
| CFS 176: Child Development or ECH 176: Child Development | 3 hrs | |
| EDU 221: Introduction to Education | 3 hrs | |
| EDU 230: CULTURAL DIVERSITY IN EDUCATION | 3 hrs | EDU 230 is an acceptable MAPP course substitution for TEL 203. |
| HIS 103: United States History to 1865 or GCU 113: United States and Arizona Social Studies or POS 113: United States and Arizona Social Studies or POS 220: U.S. and Arizona Constitution | 3 hrs  | HIS 103, GCU 113, POS 113 (GCU 227 or POS 227 if taken prior to Fall 2017) meets US Constitution teacher certification requirement. GCU 113, POS 113, GCU 227, or POS 227 also meets AZ Constitution teacher certification requirements. |
| POS 110: American National Government | 3 hrs   | |
| POS 210: Political Ideologies | 3 hrs | |
| POS 221: Arizona Constitution | 0-1 hrs | POS 221: Take to meet AZ Constitution requirement if HIS 103 was taken rather than GCU 113, POS 113, GCU 227, POS 227, or POS 220. |
| Political Science Elective | 6 hrs | Select courses from the Course Equivalency Guide that transfer to ASU as POS Direct Equivalency or Department Elective. Determination is made based on the semester and year the course is taken. |
| Lower Division Elective | 0-1 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60

Pathway Agreement



Print


Maricopa Community College District
Social Justice and Human Rights, BA Pathway
2020-2021


ASU Major: [Social Justice and Human Rights, BA | New College of Interdisciplinary Arts and Sciences](#)


Pathway Requirements


First Year Composition [FYC]
 ENG 101: First-Year Composition or
 ENG 107: First-Year Composition for ESL   3 hrs

ENG 102: First-Year Composition or
 ENG 108: First-Year Composition for ESL   3 hrs


Literacy and Critical Inquiry [L]
 Literacy and Critical Inquiry [L]  3 hrs


Mathematical Studies [MA, CS]
 MAT 140: College Mathematics or
 MAT 141: College Mathematics or
 MAT 142: College Mathematics or
 MAT 145: College Mathematics with Review
 or
 MAT 146: College Mathematics with Review  3-6 hrs


Computer/Statistics/Quantitative Applications
 [CS]  3 hrs


Humanities, Arts, and Design [HU]
 Humanities, Arts, and Design [HU]  3 hrs


Humanities, Arts, and Design [HU]  3 hrs


Social-Behavioral Science [SB]
 Social-Behavioral Science [SB]  3 hrs

Social-Behavioral Science [SB]  3 hrs

Natural Science [SQ, SG]
 Natural Science [SQ, SG]  4 hrs Select at least one SQ course within the Natural Science requirement.

Natural Science [SQ, SG]  4 hrs

General Education Awareness Areas [C, H, G]
 Cultural Diversity in the U.S. [C]  0-3 hrs

Historical or Global Awareness [H] or [G]  0-3 hrs

MCCCD Additional Requirements


Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Social Justice and Human Rights, B.A. degree program.

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information: <https://transfer.asu.edu/credits>

| | | |
|---|---------|---|
| COM 100: Introduction to Human Communication OR | 0-3 hrs |  |
| COM 110: Interpersonal Communication OR | | |
| COM 225: Public Speaking OR | | |
| COM 230: Small Group Communication | | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

| | | |
|---|----------|--|
| Additional Lower Division Requirements | | |
| Focus Area Courses | 0-6 hrs | Select courses to fulfill up to 6 credit hours from one of the following focus areas: Materialism, Intersectionality & Inequality; Advocacy and Social Change; Critical Trauma Studies and Everyday Humanitarianism. Focus Area courses can be taken after transfer. |
| Lower Division Elective | 0-25 hrs | Within these elective credits, the New College of Interdisciplinary Arts and Sciences' Languages and Cultures Requirement may be fulfilled by completing one of the following options before transferring to ASU: Non-English language course at the intermediate level (202 or equivalent), including American Sign Language IV OR two (2) semesters of a current computer language (CSC110 and [CSC200 or CSC205]). Alternatively, students can meet ASU's Languages and Cultures Requirement after transferring by completing an additional 6 credits of upper-division Global or Cultural courses once at ASU. |

Total Required Credits: 60

Track/Groups

Focus Area Courses

| Focus Area Courses | | |
|--|--|------------|
| ASB 211: Women in Other Cultures | Fulfills 3 credit hours of Materialism, Intersectionality & Inequality Focus Area. | Focus Area |
| Courses | | |
| AFR 202: Ethnic Relations in the United States or ASB 202: Ethnic Relations in the United States or CCS 202: Ethnic Relations in the United States | Fulfills 3 credit hours of Materialism, Intersectionality & Inequality Focus Area. | Focus Area |
| Courses | | |
| POS 120: World Politics | Fulfills 3 credit hours of Materialism, Intersectionality & Inequality Focus Area. | Focus Area |
| Courses | | |
| SOC 251: Social Problems | Fulfills 3 credit hours of Materialism, Intersectionality & Inequality Focus Area. | Focus Area |
| Courses | | |
| SOC 212: Gender and Society | Fulfills 3 credit hours of Materialism, Intersectionality & Inequality Focus Area. | Focus Area |
| Courses | | |
| SOC 241: Race and Ethnic Relations | Fulfills 3 credit hours of Materialism, Intersectionality & Inequality Focus Area. | Focus Area |
| Courses | | |
| WST 100: Women and Society | Fulfills 3 credit hours of Materialism, Intersectionality & Inequality Focus Area. | |

Pathway Agreement



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Maricopa Community College District
Social Work, BSW Pathway
2020-2021

ASU Major: **Social Work, BSW | College of Public Service and Community Solutions**


Pathway Requirements

First Year Composition [FYC]


ENG 101: First-Year Composition or
 ENG 107: First-Year Composition for ESL   3 hrs


ENG 102: First-Year Composition or
 ENG 108: First-Year Composition for ESL   3 hrs

Literacy and Critical Inquiry [L]



Literacy and Critical Inquiry  3 hrs


Mathematical Studies [MA, CS]

MAT 140: College Mathematics or
 MAT 141: College Mathematics or
 MAT 142: College Mathematics or
 MAT 145: College Mathematics with Review
 or
 MAT 146: College Mathematics with Review  3-6 hrs



Computer/Statistics/Quantitative Applications  3 hrs Recommend a statistics course



Humanities, Arts, and Design [HU]

PHI 101: Introduction to Philosophy or
 PHI 105: Introduction to Ethics or
 SWU 183: Introductory Ethics: A Social
 Service Perspective   3 hrs


Humanities, Arts, and Design [HU]  3 hrs



Social-Behavioral Science [SB]

PSY 101: Introduction to Psychology or
 SOC 101: Introduction to Sociology   3 hrs


SWU 182: A Social Services Perspective of
 Government or
 POS 110: American National Government   3 hrs


Natural Science [SQ, SG]

Natural Science [SQ, SG]  4 hrs Natural Science - at least one course must be SQ course.

Natural Science [SQ, SG]   4 hrs Recommend BIO 156 or BIO 160 or BIO 201

General Education Awareness Areas [C, H, G]

Cultural Diversity in the U.S. [C]  0 hrs Cultural Diversity - 3 credits [C] satisfied by SWU 295.

Historical or Global Awareness [H] or [G]  0 hrs Historical or Global - 3 hours [H] satisfied by SWU 171.

Pathway Notes


Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements


The recommended MCCCDC associate degree pathway and Arizona General Education Certificate (AGEC) for this major is the Associate in Arts, Social Work degree and AGECE-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Social Work, BSW degree program.

Upon transfer to ASU students must complete the following milestones in order to progress in the major: Successful completion of 40 hours of social work-related experiences (SWU 291); and a 2.5 cumulative GPA with at least a C in social work courses (ASU-SWU 171, 291, 295 (or equivalent MCCCDC courses). Minimum 3.0 GPA with at least a C in SWU 306, SWU 311, SWU 312, SWU 303, SWU 340, & SWU 374 and a minimum overall GPA of 2.0 in order to advance to 400 level SWU courses.

MCCCD Additional Requirements

| | | |
|---|--|---------------------------------|
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs  | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|--|---|
| ECN 211: Macroeconomic Principles or SWU 181: Economics: A Social Issues Perspective | 3 hrs  | |
| SWU 171: Introduction to Social Welfare | 3 hrs | |
| SWU 291: Social Service Delivery Systems | 3 hrs | |
| SWU 295: Effective Helping in a Diverse World | 3 hrs | |
| Interdisciplinary Requirement | 6 hrs | Select two classes from at least two of the three Area tracks. The track titles are located in the comments section of each track at the bottom of this page. |
| Cultures or Language: Completion of three courses in cultural diversity OR Completion of a language course at the intermediate level (202 or equivalent). Courses completed for Cultures or Language cannot be used to meet other requirements. | 0-16 hrs | College Level Examination Program (CLEP) will satisfy language requirement, if 202 level language proficiency is met. Credits must be transferred to ASU Admissions. Cultural Diversity courses can be found in the Course Equivalency Guide. |
| Lower Division Elective | 0-7 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60

Track/Groups

Interdisciplinary Requirement

| Interdisciplinary Requirement | |
|--|-------------------------------|
| AJS 101: Introduction To Criminal Justice or AJS 212: Juvenile Justice Procedures or AJS 225: Criminology or AJS 109: Substantive Criminal Law or AJS 270: Community Relations | Interdisciplinary Requirement |
| PAD 100: 21st Century Public Policy and Service or PAD 200: Public Affairs Economics | Interdisciplinary Requirement |
| REC 120: Leisure and the Quality of Life | |

Pathway Agreement



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Maricopa Community College District
Social and Behavioral Sciences, BA Pathway
2020-2021

ASU Major: **Social and Behavioral Sciences, BA | New College of Interdisciplinary Arts and Sciences**


Pathway Requirements

First Year Composition [FYC]
 ENG 101: First-Year Composition or
 ENG 107: First-Year Composition for ESL   3 hrs


ENG 102: First-Year Composition or
 ENG 108: First-Year Composition for ESL   3 hrs

Literacy and Critical Inquiry [L]
 Literacy and Critical Inquiry [L]  3 hrs

Mathematical Studies [MA, CS]
 MAT 140: College Mathematics or
 MAT 141: College Mathematics or
 MAT 142: College Mathematics or
 MAT 145: College Mathematics with Review
 or
 MAT 146: College Mathematics with Review
 OR
 MAT 150: College Algebra/Functions or
 MAT 151: College Algebra/Functions or
 MAT 152: College Algebra/Functions or
 MAT 155: College Algebra/Functions with
 Review or
 MAT 156: College Algebra/Functions with
 Review OR
 MAT 150: College Algebra/Functions and
 MAT 182: Plane Trigonometry or
 MAT 151: College Algebra/Functions and
 MAT 182: Plane Trigonometry or
 MAT 152: College Algebra/Functions and
 MAT 182: Plane Trigonometry or
 MAT 155: College Algebra/Functions with
 Review and
 MAT 182: Plane Trigonometry or
 MAT 156: College Algebra/Functions with
 Review and
 MAT 182: Plane Trigonometry or
 MAT 187: Precalculus OR
 MAT 172: Finite Mathematics

Computer/statistics/quantitative applications
 (CS)  3 hrs

Humanities, Arts, and Design [HU]
 Humanities, Arts, and Design [HU]  3 hrs

Humanities, Arts, and Design [HU]  3 hrs

Social-Behavioral Science [SB]




Pathway Notes



Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.



Special Requirements


Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Social and Behavioral Sciences, B.A. degree program.

ASU will accept transfer credit for traditionally course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information:
<https://transfer.asu.edu/credits>

| | | |
|---|-------|---|
| COM 100: Introduction to Human Communication OR | 3 hrs |   |
| POS 110: American National Government OR | | |
| POS 120: World Politics OR | | |
| PSY 101: Introduction to Psychology OR | | |
| SOC 101: Introduction to Sociology OR | | |
| ASB 102: Introduction to Cultural Anthropology OR | | |
| SSH 111: Sustainable Cities | | |
| Social-Behavioral Science [SB] | 3 hrs |  |

| | | | |
|--------------------------|-------|---|---|
| Natural Science [SQ, SG] | 4 hrs |  | Select at least one SQ within the Natural Science requirements. |
| Natural Science [SQ, SG] | 4 hrs |  | |

| | | |
|---|---------|---|
| General Education Awareness Areas [C, H, G] | | |
| Cultural Diversity in the U.S. [C] | 0-3 hrs |  |
| Historical or Global Awareness [H] or [G] | 0-3 hrs |  |

| | | | |
|---|---------|---|---------------------------------|
| MCCCD Additional Requirements | | | |
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs |  | |
| CRE 101: College Critical Reading | 0-3 hrs | | Complete CRE 101 or equivalent. |

| | | | |
|--|----------|--|--|
| Additional Lower Division Requirements | 9 hrs | | Select 9 credits of coursework from ASU prefixes ASB, JHR, POS, SBS or SOC. These courses may simultaneously fulfill any outstanding AGECE requirements. If needed, remaining courses can be completed at ASU. |
| Program Electives | | | |
| Lower Division Elective | 0-16 hrs | | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. SBS 200 can be taken after transfer to ASU. |

Total Required Credits: 60

Pathway Agreement



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Maricopa Community College District
Social and Behavioral Sciences, BS Pathway
2020-2021

ASU Major: **Social and Behavioral Sciences, BS | New College of Interdisciplinary Arts and Sciences**


Pathway Requirements


First Year Composition [FYC]
 ENG 101: First-Year Composition or
 ENG 107: First-Year Composition for ESL   3 hrs

ENG 102: First-Year Composition or
 ENG 108: First-Year Composition for ESL   3 hrs

Literacy and Critical Inquiry [L]
 Literacy and Critical Inquiry [L]  3 hrs

Mathematical Studies [MA, CS]
 MAT 140: College Mathematics or
 MAT 141: College Mathematics or
 MAT 142: College Mathematics or
 MAT 145: College Mathematics with Review
 or
 MAT 146: College Mathematics with Review
 OR
 MAT 150: College Algebra/Functions or
 MAT 151: College Algebra/Functions or
 MAT 152: College Algebra/Functions or
 MAT 155: College Algebra/Functions with
 Review or
 MAT 156: College Algebra/Functions with
 Review OR
 MAT 150: College Algebra/Functions and
 MAT 182: Plane Trigonometry or
 MAT 151: College Algebra/Functions and
 MAT 182: Plane Trigonometry or
 MAT 152: College Algebra/Functions and
 MAT 182: Plane Trigonometry or
 MAT 187: Precalculus OR
 MAT 172: Finite Mathematics

Computer/Statistics/Quantitative Applications
 [CS]  3 hrs

Humanities, Arts, and Design [HU]
 Humanities, Arts, and Design [HU]  3 hrs

Humanities, Arts, and Design [HU]
 Humanities, Arts, and Design [HU]  3 hrs

Social-Behavioral Science [SB]




Pathway Notes



Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.



Special Requirements


Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Social and Behavioral Sciences, B.S. degree program.

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information:
<https://transfer.asu.edu/credits>

| | | |
|---|-------|---|
| COM 100: Introduction to Human Communication OR | 3 hrs |   |
| POS 110: American National Government OR | | |
| PSY 101: Introduction to Psychology OR | | |
| SOC 101: Introduction to Sociology OR | | |
| ASB 102: Introduction to Cultural Anthropology OR | | |
| SSH 111: Sustainable Cities | | |
| Social-Behavioral Science [SB] | 3 hrs |  |

| | | | |
|--------------------------|-------|---|---|
| Natural Science [SQ, SG] | 4 hrs |  | Select at least one SQ within the Natural Science requirements. |
| Natural Science [SQ, SG] | 4 hrs |  | |

| | | |
|---|---------|---|
| General Education Awareness Areas [C, H, G] | | |
| Cultural Diversity in the U.S. [C] | 0-3 hrs |  |
| Historical or Global Awareness [H] or [G] | 0-3 hrs |  |

| | | | |
|---|---------|---|---------------------------------|
| MCCCD Additional Requirements | | | |
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs |  | |
| CRE 101: College Critical Reading | 0-3 hrs | | Complete CRE 101 or equivalent. |

| | | | |
|--|----------|--|--|
| Additional Lower Division Requirements | | | |
| Program Electives | 9 hrs | | Select 9 credits that transfer to ASU with any of the following prefixes: ASB, JHR, POS, or SOC. These courses may simultaneously fulfill any outstanding AGEC requirements. |
| Lower Division Elective | 0-16 hrs | | Within these elective credits, the New College of Interdisciplinary Arts and Sciences' Languages and Cultures Requirement may be fulfilled by completing one of the following options before transferring to ASU: Non-English language course at the intermediate level (202 or equivalent), including American Sign Language IV OR two (2) semesters of a current computer language (CSC110 and [CSC200 or CSC205]). Alternatively, students can meet ASU's Languages and Cultures Requirement after transferring by completing an additional 6 credits of upper-division Global or Cultural courses once at ASU. |

Total Required Credits: 60

Pathway Agreement



Print



Maricopa Community College District Social and Cultural Analysis (American Studies), BA Pathway 2020-2021

ASU Major: [Social and Cultural Analysis \(American Studies\), BA | New College of Interdisciplinary Arts and Sciences](#)


Pathway Requirements

First Year Composition [FYC]


ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL   3 hrs


ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL   3 hrs

Literacy and Critical Inquiry [L]

Literacy and Critical Inquiry [L]  3 hrs

Mathematical Studies [MA, CS]

MAT 140: College Mathematics or
MAT 141: College Mathematics or
MAT 142: College Mathematics or
MAT 145: College Mathematics with Review
or
MAT 146: College Mathematics with Review  3-6 hrs


Computer/Statistics/Quantitative Applications
[CS]  3 hrs


Humanities, Arts, and Design [HU]

Humanities, Arts, and Design [HU]  3 hrs


Humanities, Arts, and Design [HU]  3 hrs


Social-Behavioral Science [SB]

WST 100: Women and Society or
AFR 202: Ethnic Relations in the United States or
ASB 202: Ethnic Relations in the United States or
CCS 202: Ethnic Relations in the United States  3 hrs WST 100 or ETH 100 can also satisfy the
Cultural Diversity in the U.S. (C) requirement.

Social-Behavioral Science [SB]  3 hrs


Natural Science [SQ, SG]

Natural Science [SQ, SG]  4 hrs Select at least one [SQ] within the Natural
Science requirement.

Natural Science [SQ, SG]  4 hrs

General Education Awareness Areas [C, H, G]

Cultural Diversity in the U.S. [C]  0 hrs Requirement can be satisfied by WST 100 or
ETH 100.

Historical or Global Awareness [H] or [G]  0-3 hrs

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Social and Cultural Analysis (American Studies), BA degree program.

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information:
<https://transfer.asu.edu/credits>

MCCCD Additional Requirements

COM 100: Introduction to Human Communication or
COM 110: Interpersonal Communication or
COM 225: Public Speaking or
COM 230: Small Group Communication

0-3 hrs


CRE 101: College Critical Reading 0-3 hrs Complete CRE 101 or equivalent.

Additional Lower Division Requirements

Lower Division Elective

0-25 hrs

Within these elective credits, the New College of Interdisciplinary Arts and Sciences' Languages and Cultures Requirement may be fulfilled by completing one of the following options before transferring to ASU: Non-English language course at the intermediate level (202 or equivalent), including American Sign Language IV OR two (2) semesters of a current computer language (CSC110 and [CSC200 or CSC205]). Alternatively, students can meet ASU's Languages and Cultures Requirement after transferring by completing an additional 6 credits of upper-division Global or Cultural courses once at ASU.

Total Required Credits: 60

Pathway Agreement

Print

Maricopa Community College District

Social and Cultural Analysis (Ethnicity, Race and Indigenous Studies), BA Pathway

2020-2021

ASU Major: [Social and Cultural Analysis \(Ethnicity, Race and Indigenous Studies\), BA](#) | [New College of Interdisciplinary Arts and Sciences](#)


Pathway Requirements

First Year Composition [FYC]


ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL   3 hrs


ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL   3 hrs

Literacy and Critical Inquiry [L]


Literacy and Critical Inquiry [L]  3 hrs


Mathematical Studies [MA, CS]

MAT 140: College Mathematics or
MAT 141: College Mathematics or
MAT 142: College Mathematics or
MAT 145: College Mathematics with Review
or
MAT 146: College Mathematics with Review  3-6 hrs


Computer/Statistics/Quantitative Applications
[CS]  3 hrs

Humanities, Arts, and Design [HU]

Humanities, Arts, and Design [HU]  3 hrs


Humanities, Arts, and Design [HU]  3 hrs


Social-Behavioral Science [SB]

AFR 202: Ethnic Relations in the United States or
ASB 202: Ethnic Relations in the United States or
CCS 202: Ethnic Relations in the United States or
WST 100: Women and Society  3 hrs WST 100 or ETH 100 can also satisfy the
Cultural Diversity in the U.S. (C) requirement


Social-Behavioral Science [SB]  3 hrs


Natural Science [SQ, SG]

Natural Science [SQ, SG]  4 hrs Select at least one [SQ] within the Natural
Science requirement.

Natural Science [SQ, SG]  4 hrs

General Education Awareness Areas [C, H, G]

Cultural Diversity in the U.S. [C]  0 hrs Requirement can be satisfied by WST 100 or
ETH 100

Historical or Global Awareness [H] or [G]  0-3 hrs

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Social and Cultural Analysis (Ethnicity, Race and Indigenous Studies), BA degree program.

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information: <https://transfer.asu.edu/credits>

MCCCD Additional Requirements

COM 100: Introduction to Human
Communication or
COM 110: Interpersonal Communication or
COM 225: Public Speaking or
COM 230: Small Group Communication

0-3 hrs



CRE 101: College Critical Reading

0-3 hrs

Complete CRE 101 or equivalent.

Additional Lower Division Requirements

Lower Division Elective

0-25 hrs

Within these elective credits, the New College of Interdisciplinary Arts and Sciences Languages and Cultures Requirement may be fulfilled by completing one of the following options before transferring to ASU: Non-English language course at the intermediate level (202 or equivalent), including American Sign Language IV OR two (2) semesters of a current computer language (CSC110 and [CSC200 or CSC205]). Alternatively, students can meet ASU's Languages and Cultures Requirement after transferring by completing an additional 6 credits of upper-division Global or Cultural courses once at ASU.

Total Required Credits: 60

Pathway Agreement



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Maricopa Community College District Social and Cultural Analysis (Latin American Studies), BA Pathway 2020-2021

ASU Major: [Social and Cultural Analysis \(Latin American Studies\), BA | New College of Interdisciplinary Arts and Sciences](#)


Pathway Requirements

First Year Composition [FYC]


ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL   3 hrs


ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL   3 hrs

Literacy and Critical Inquiry [L]

Literacy and Critical Inquiry [L]  3 hrs

Mathematical Studies [MA, CS]

MAT 140: College Mathematics or
MAT 141: College Mathematics or
MAT 142: College Mathematics or
MAT 145: College Mathematics with Review
or
MAT 146: College Mathematics with Review  3-6 hrs


Computer/Statistics/Quantitative Applications
[CS]  3 hrs


Humanities, Arts, and Design [HU]

Humanities, Arts, and Design  3 hrs


Humanities, Arts, and Design  3 hrs


Social-Behavioral Science [SB]

WST 100: Women and Society or
ASB 202: Ethnic Relations in the United States or
CCS 202: Ethnic Relations in the United States or
AFR 202: Ethnic Relations in the United States  3 hrs WST 100 or ETH 100 can also satisfy the
Cultural Diversity in the U.S. (C) requirement.


Social-Behavioral Science  3 hrs


Natural Science [SQ, SG]

Natural Science [SQ, SG]  4 hrs Select at least one [SQ] within the Natural
Science requirement.

Natural Science [SQ, SG]  4 hrs

General Education Awareness Areas [C, H, G]

Cultural Diversity in the U.S. [C]  0 hrs WST 100 or ETH 100 can also satisfy this
requirement

Historical or Global Awareness [H] or [G]  0-3 hrs

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Social and Cultural Analysis (Latin American Studies), BA degree program.

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information:
<https://transfer.asu.edu/credits>

MCCCD Additional Requirements

COM 100: Introduction to Human Communication or
COM 110: Interpersonal Communication or
COM 225: Public Speaking or
COM 230: Small Group Communication

0-3 hrs



CRE 101: College Critical Reading

0-3 hrs

Complete CRE 101 or equivalent.

Additional Lower Division Requirements

Lower Division Elective

0-25 hrs

Within these elective credits, the New College of Interdisciplinary Arts and Sciences Languages and Cultures Requirement may be fulfilled by completing one of the following options before transferring to ASU: Non-English language course at the intermediate level (202 or equivalent), including American Sign Language IV OR two (2) semesters of a current computer language (CSC110 and [CSC200 or CSC205]). Alternatively, students can meet ASU's Languages and Cultures Requirement after transferring by completing an additional 6 credits of upper-division Global or Cultural courses once at ASU.

Total Required Credits: 60

Pathway Agreement



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Maricopa Community College District Social and Cultural Analysis (Peace Studies), BA Pathway 2020-2021

ASU Major: [Social and Cultural Analysis \(Peace Studies\), BA | New College of Interdisciplinary Arts and Sciences](#)


Pathway Requirements

First Year Composition [FYC]


ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL   3 hrs


ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL   3 hrs

Literacy and Critical Inquiry [L]

Literacy and Critical Inquiry [L]  3 hrs

Mathematical Studies [MA, CS]

MAT 140: College Mathematics or
MAT 141: College Mathematics or
MAT 142: College Mathematics or
MAT 145: College Mathematics with Review
or
MAT 146: College Mathematics with Review  3-6 hrs


Computer/Statistics/Quantitative Applications
[CS]  3 hrs


Humanities, Arts, and Design [HU]

Humanities, Arts, and Design [HU]  3 hrs


Humanities, Arts, and Design [HU]  3 hrs


Social-Behavioral Science [SB]

AFR 202: Ethnic Relations in the United States or
ASB 202: Ethnic Relations in the United States or
CCS 202: Ethnic Relations in the United States or
WST 100: Women and Society  3 hrs WST 100 or ETH 100 can also satisfy the
Cultural Diversity in the U.S. (C) requirement


Social-Behavioral Science [SB]  3 hrs


Natural Science [SQ, SG]

Natural Science [SQ, SG]  4 hrs Select at least one [SQ] within the Natural
Science requirement.

Natural Science [SQ, SG]  4 hrs

General Education Awareness Areas [C, H, G]

Cultural Diversity in the U.S. [C]  0 hrs Requirement can be satisfied by WST 100 or
ETH 100

Historical or Global Awareness [H] or [G]  0-3 hrs

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Social and Cultural Analysis (Peace Studies), BA degree program.

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information:
<https://transfer.asu.edu/credits>

MCCCD Additional Requirements

COM 100: Introduction to Human Communication or
COM 110: Interpersonal Communication or
COM 225: Public Speaking or
COM 230: Small Group Communication

0-3 hrs



CRE 101: College Critical Reading

0-3 hrs

Complete CRE 101 or equivalent.

Additional Lower Division Requirements

Lower Division Elective

0-25 hrs

Within these elective credits, the New College of Interdisciplinary Arts and Sciences? Languages and Cultures Requirement may be fulfilled by completing one of the following options before transferring to ASU: Non-English language course at the intermediate level (202 or equivalent), including American Sign Language IV OR two (2) semesters of a current computer language (CSC110 and [CSC200 or CSC205]). Alternatively, students can meet ASU's Languages and Cultures Requirement after transferring by completing an additional 6 credits of upper-division Global or Cultural courses once at ASU.

Total Required Credits: 60

Pathway Agreement

Print

Maricopa Community College District

Social and Cultural Analysis (Queer and Sexuality Studies), BA Pathway

2020-2021

ASU Major: [Social and Cultural Analysis \(Queer and Sexuality Studies\), BA | New College of Interdisciplinary Arts and Sciences](#)

Pathway Requirements

First Year Composition [FYC]

ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL



3 hrs

ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL



3 hrs

Literacy and Critical Inquiry [L]

Literacy and Critical Inquiry [L]



3 hrs

Mathematical Studies [MA, CS]

MAT 140: College Mathematics or
MAT 141: College Mathematics or
MAT 142: College Mathematics or
MAT 145: College Mathematics with Review
or
MAT 146: College Mathematics with Review



3-6 hrs

Computer/Statistics/Quantitative Analysis



3 hrs

Humanities, Arts, and Design [HU]

Humanities, Arts, and Design [HU]



3 hrs

Humanities, Arts, and Design [HU]



3 hrs

Social-Behavioral Science [SB]

AFR 202: Ethnic Relations in the United States or
ASB 202: Ethnic Relations in the United States or
CCS 202: Ethnic Relations in the United States or
WST 100: Women and Society



3 hrs

WST 100 or ETH 100 can also satisfy the
Cultural Diversity in the U.S. (C) requirement

Social-Behavioral Science [SB]



3 hrs

Natural Science [SQ, SG]

Natural Science [SQ, SG]



4 hrs

Select at least one [SQ] within the Natural
Science requirement.

Natural Science [SQ, SG]



4 hrs

General Education Awareness Areas [C, H, G]

Cultural Diversity in the U.S. [C]



0 hrs

This requirement can also be satisfied by WST
100 or ETH 100

Historical or Global Awareness [H] or [G]



0-3 hrs

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Social and Cultural Analysis (Queer and Sexuality Studies), BA degree program.

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information:
<https://transfer.asu.edu/credits>

COM 100: Introduction to Human Communication or
COM 110: Interpersonal Communication or
COM 225: Public Speaking or
COM 230: Small Group Communication

0-3 hrs


CRE 101: College Critical Reading 0-3 hrs Complete CRE 101 or equivalent.

Additional Lower Division Requirements
Lower Division Elective

0-25 hrs

Within these elective credits, the New College of Interdisciplinary Arts and Sciences' Languages and Cultures Requirement may be fulfilled by completing one of the following options before transferring to ASU: Non-English language course at the intermediate level (202 or equivalent), including American Sign Language IV OR two (2) semesters of a current computer language (CSC110 and [CSC200 or CSC205]). Alternatively, students can meet ASU's Languages and Cultures Requirement after transferring by completing an additional 6 credits of upper-division Global or Cultural courses once at ASU.

Total Required Credits: 60

Pathway Agreement



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Maricopa Community College District Social and Cultural Analysis (Women and Gender Studies), BA Pathway 2020-2021


ASU Major: [Social and Cultural Analysis \(Women and Gender Studies\), BA | New College of Interdisciplinary Arts and Sciences](#)


Pathway Requirements


First Year Composition [FYC]
ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL   3 hrs


ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL   3 hrs


Literacy and Critical Inquiry [L]
Literacy and Critical Inquiry [L]  3 hrs


Mathematical Studies [MA, CS]
MAT 140: College Mathematics or
MAT 141: College Mathematics or
MAT 142: College Mathematics or
MAT 145: College Mathematics with Review
or
MAT 146: College Mathematics with Review  3-6 hrs


Computer/Statistics/Quantitative Applications
[CS]  3 hrs


Humanities, Arts, and Design [HU]
Humanities, Arts, and Design [HU]  3 hrs


Humanities, Arts, and Design [HU]  3 hrs


Social-Behavioral Science [SB]
WST 100: Women and Society  3 hrs Can also fulfill the Cultural Diversity in the US [C] requirement

Social-Behavioral Science [SB]  3 hrs

Natural Science [SQ, SG]
Natural Science [SQ, SG]  4 hrs Select at least one [SQ] within the Natural Science requirement.

Natural Science [SQ, SG]  4 hrs

General Education Awareness Areas [C, H, G]
Cultural Diversity in the U.S. [C]  0 hrs WST 100 can fulfill this requirement.

Historical or Global Awareness [H] or [G]  0-3 hrs

MCCCD Additional Requirements

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Emphasis in Women & Gender Studies degree and AGECE-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Social and Cultural Analysis (Women and Gender Studies), BA degree program.

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information: <https://transfer.asu.edu/credits>

COM 100: Introduction to Human Communication or
COM 110: Interpersonal Communication or
COM 225: Public Speaking or
COM 230: Small Group Communication

0-3 hrs


CRE 101: College Critical Reading 0-3 hrs Complete CRE 101 or equivalent.

Additional Lower Division Requirements
Lower Division Elective

0-25 hrs

Within these elective credits, the New College of Interdisciplinary Arts and Sciences Languages and Cultures Requirement may be fulfilled by completing one of the following options before transferring to ASU: Non-English language course at the intermediate level (202 or equivalent), including American Sign Language IV OR two (2) semesters of a current computer language (CSC110 and [CSC200 or CSC205]). Alternatively, students can meet ASU's Languages and Cultures Requirement after transferring by completing an additional 6 credits of upper-division Global or Cultural courses once at ASU.

Total Required Credits: 60





Pathway Agreement


Print


Maricopa Community College District
Sociology, BA Pathway
2020-2021


ASU Major: [Sociology, BA | New College of Interdisciplinary Arts and Sciences](#)


Pathway Requirements


| | |
|--|--|
| First Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL | 3 hrs   |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL | 3 hrs   |

| | |
|---|---|
| Literacy and Critical Inquiry [L] Literacy and Critical Inquiry | 3 hrs  |
|---|---|


| | |
|---|--|
| Mathematical Studies [MA, CS] MAT 140: College Mathematics or MAT 141: College Mathematics or MAT 142: College Mathematics or MAT 145: College Mathematics with Review or MAT 146: College Mathematics with Review or Higher level course that meets MA requirement | 3-6 hrs  |
|---|--|


| | |
|---|--|
| Computer/Statistics/Quantitative Applications [CS] | 3 hrs  |
|---|--|


| | |
|--|--|
| Humanities, Arts, and Design [HU] Humanities, Arts, and Design | 3 hrs  |
|--|--|


| | |
|------------------------------|--|
| Humanities, Arts, and Design | 3 hrs  |
|------------------------------|--|


| | |
|---|--|
| Social-Behavioral Science [SB] SOC 101: Introduction to Sociology | 3 hrs   |
|---|--|

| | |
|---------------------------|--|
| Social-Behavioral Science | 3 hrs  |
|---------------------------|--|

| | | |
|---|--|--|
| Natural Science [SQ, SG] Natural Science [SQ, SG] | 4 hrs  | Select at least one SQ within the Natural Science requirement. |
|---|--|--|

| | |
|--------------------------|--|
| Natural Science [SQ, SG] | 4 hrs  |
|--------------------------|--|

| | |
|--|--|
| General Education Awareness Areas [C, H, G] Cultural Diversity in the U.S. [C] | 0-3 hrs  |
|--|--|

| | |
|---|--|
| Historical or Global Awareness [H] or [G] | 0-3 hrs  |
|---|--|

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

The recommended MCCCDC associate degree pathway and Arizona General Education Certificate (AGEC) for this major is the Associate in Arts, Sociology degree and AGECE-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Sociology, BA degree program.

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information: <https://transfer.asu.edu/credits>

MCCCD Additional Requirements


COM 100: Introduction to Human Communication or
COM 110: Interpersonal Communication or
COM 225: Public Speaking or
COM 230: Small Group Communication

0-3 hrs


CRE 101: College Critical Reading 0-3 hrs Complete CRE 101 or equivalent.

Additional Lower Division Requirements

Related Area Courses 15 hrs Select five courses (15 hours) that transfer to ASU in the following ASU prefixes: ASB, JHR, POS, PSY, or courses that transfer to ASU with Social Behavioral [SB] designation. May be met within AGECE.

SOC 212: Gender and Society or
SOC 241: Race and Ethnic Relations or
SOC 251: Social Problems 3 hrs  Will fulfill SOC Elective requirement.

Lower Division Elective 0-7 hrs Within these elective credits, the New College of Interdisciplinary Arts and Sciences' Languages and Cultures Requirement may be fulfilled by completing one of the following options before transferring to ASU: Non-English language course at the intermediate level (202 or equivalent), including American Sign Language IV OR two (2) semesters of a current computer language (CSC110 and [CSC200 or CSC205]). Alternatively, students can meet ASU's Languages and Cultures Requirement after transferring by completing an additional 6 credits of upper-division Global or Cultural courses once at ASU.

Total Required Credits: 60





Pathway Agreement


Print


Maricopa Community College District
Sociology, BS Pathway
2020-2021


ASU Major: **Sociology, BS | New College of Interdisciplinary Arts and Sciences**


Pathway Requirements


| | |
|--|---|
| First Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL |   3 hrs |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL |   3 hrs |

| | |
|---|--|
| Literacy and Critical Inquiry [L] Literacy and Critical Inquiry |  3 hrs |
|---|--|


| | |
|---|---|
| Mathematical Studies [MA, CS] MAT 140: College Mathematics or MAT 141: College Mathematics or MAT 142: College Mathematics or MAT 145: College Mathematics with Review or MAT 146: College Mathematics with Review or Higher level course that meets MA requirement |  3-6 hrs |
|---|---|


| | |
|---|---|
| Computer/Statistics/Quantitative Applications [CS] |  3 hrs |
|---|---|


| | |
|--|---|
| Humanities, Arts, and Design [HU] Humanities, Arts, and Design |  3 hrs |
|--|---|


| | |
|------------------------------|---|
| Humanities, Arts, and Design |  3 hrs |
|------------------------------|---|


| | |
|---|---|
| Social-Behavioral Science [SB] SOC 101: Introduction to Sociology |   3 hrs |
|---|---|

| | |
|---------------------------|---|
| Social-Behavioral Science |  3 hrs |
|---------------------------|---|

| | | |
|---|---|--|
| Natural Science [SQ, SG] Natural Science [SQ, SG] |  4 hrs | Select at least one SQ within the Natural Science requirement. |
|---|---|--|

| | |
|--------------------------|---|
| Natural Science [SQ, SG] |  4 hrs |
|--------------------------|---|

| | |
|--|---|
| General Education Awareness Areas [C, H, G] Cultural Diversity in the U.S. [C] |  0-3 hrs |
|--|---|

| | |
|---|---|
| Historical or Global Awareness [H] or [G] |  0-3 hrs |
|---|---|

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

The recommended MCCCDC associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Emphasis in Sociology degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Sociology, BS degree program

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information: <https://transfer.asu.edu/credits>

MCCCD Additional Requirements

COM 100: Introduction to Human Communication or
COM 110: Interpersonal Communication or
COM 225: Public Speaking or
COM 230: Small Group Communication

0-3 hrs


CRE 101: College Critical Reading 0-3 hrs Complete CRE 101 or equivalent.

Additional Lower Division Requirements

SOC 212: Gender and Society OR
SOC 241: Race and Ethnic Relations OR
SOC 251: Social Problems

3 hrs


Related Area Courses

12 hrs

Select up to four courses (12 hours) that transfer to ASU in the following ASU prefixes: ASB, JHR, POS, or PSY; or courses that transfer to ASU with Social Behavioral [SB] designation. May be met within AGECE.

Lower Division Elective

0-10 hrs

Within these elective credits, the New College of Interdisciplinary Arts and Sciences' Languages and Cultures Requirement may be fulfilled by completing one of the following options before transferring to ASU: Non-English language course at the intermediate level (202 or equivalent), including American Sign Language IV OR two (2) semesters of a current computer language (CSC110 and [CSC200 or CSC205]). Alternatively, students can meet ASU's Languages and Cultures Requirement after transferring by completing an additional 6 credits of upper-division Global or Cultural courses once at ASU.

Total Required Credits: 60





Pathway Agreement


[Print](#)


Maricopa Community College District
Sociology, BS Pathway
2020-2021


ASU Major: [Sociology, BS | College of Liberal Arts and Sciences](#)


Pathway Requirements


| | |
|--|---|
| First Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL |   3 hrs |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL |   3 hrs |





| | |
|---|--|
| Literacy and Critical Inquiry [L] Literacy and Critical Inquiry |  3 hrs |
|---|--|



| | |
|--|---|
| Mathematical Studies [MA, CS] MAT 140: College Mathematics or MAT 141: College Mathematics or MAT 142: College Mathematics or MAT 145: College Mathematics with Review or MAT 146: College Mathematics with Review or Higher level course that meets MA requirement. |  3-6 hrs |
|--|---|



| | |
|---|---|
| Computer/Statistics/Quantitative Applications [CS] |  3 hrs |
|---|---|

| | |
|--|---|
| Humanities, Arts, and Design [HU] Humanities, Arts, and Design |  3 hrs |
|--|---|

| | |
|------------------------------|---|
| Humanities, Arts, and Design |  3 hrs |
|------------------------------|---|

| | |
|--|---|
| Social-Behavioral Science [SB] SOC 101: Introduction to Sociology |   3 hrs |
| SOC 251: Social Problems or SOC 241: Racial and Ethnic Minorities or SOC 212: Gender and Society |   3 hrs |

| | | |
|--|---|--|
| Natural Science [SQ, SG] Natural Science |  4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science |  4 hrs | Select at least one SQ within the Natural Science requirement. |

| | |
|--|---|
| General Education Awareness Areas [C, H, G] Cultural Diversity in the U.S. [C] |  0-3 hrs |
| Historical or Global Awareness [H] or [G] |  0-3 hrs |

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major is the Associate in Arts, Emphasis in Sociology degree and AGEC-A. Completion of the MAPP and all special requirements at ASU and guarantees admission to the Sociology,BSdegree program

MCCCD Additional Requirements
 COM 100: Introduction to Human
 Communication or
 COM 110: Interpersonal Communication or
 COM 225: Public Speaking or
 COM 230: Small Group Communication

0-3 hrs


CRE 101: College Critical Reading 0-3 hrs Complete CRE 101 or equivalent.

Additional Lower Division Requirements

| | | |
|--|----------|---|
| Related Area Courses | 3 hrs | Lower Division related area select three courses that transfer to ASU as direct equivalents or Departmental Electives in the following ASU prefixes: AFR, ASB, CDE, ECN, FAS, GCU, HST, POS, PSY, TCL, & WST. |
| Related area Lower Division Elective with SB | 3 hrs | Lower Division related area course that transfers to ASU as direct equivalents or departmental electives with Social Behavioral General Studies in the following ASU prefixes: AFR, ASB, CDE, ECN, FAS, GCU, HST, POS, PSY, TCL, & WST. |
| Lower Division Elective | 0-19 hrs | At least 3 credit hours must be used for one of the following courses: SOC 212, SOC 241, or SOC 251 [choose one not already applied above to meet SB] |

Total Required Credits: 60

Pathway Agreement



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Maricopa Community College District
Software Engineering, BS Pathway
2020-2021

ASU Major: [Software Engineering, BS | Ira A. Fulton Schools of Engineering](#)


Pathway Requirements

First-Year Composition [FYC]



ENG 101: First-Year Composition or
 ENG 107: First-Year Composition for ESL   3 hrs

ENG 102: First-Year Composition or
 ENG 108: First-Year Composition for ESL   3 hrs


Literacy and Critical Inquiry [L]

Literacy and Critical Inquiry [L]  0-3 hrs Recommend selecting a course that satisfies a Literacy and Critical Inquiry and a HU, SB, Awareness Areas, COM225 or CRE101 requirements simultaneously.

Mathematical Studies [MA]


MAT 220: Calculus with Analytic Geometry I or
 MAT 221: Calculus with Analytic Geometry I   4-5 hrs


Humanities, Arts, and Design [HU]

Humanities, Arts, and Design  3 hrs See note regarding Literacy and Critical Inquiry for 3 of the 6 required HU hours.



Humanities, Arts, and Design  3 hrs

Social-Behavioral Science [SB]

Social-Behavioral Science  3 hrs See note regarding Literacy and Critical Inquiry for 3 of the 6 required SB hours.



Social-Behavioral Science  3 hrs



Natural Science [SQ, SG]

CHM 150: General Chemistry I and
 CHM 151LL: General Chemistry I Laboratory or
 CHM 151: General Chemistry I and
 CHM 151LL: General Chemistry I Laboratory or
 CHM 150AA: General Chemistry I and
 CHM 152: General Chemistry II and
 CHM 152LL: General Chemistry II Laboratory or
 CHM 152AA: General Chemistry II OR   8-9 hrs Select a Biology, Chemistry or Physics sequence. Fulfills the SQ/SG Lab Science requirement at ASU.

BIO 181: General Biology (Majors) I and
 BIO 182: General Biology (Majors) II

Subject Options

MAT 230: Calculus with Analytic Geometry II or
 MAT 231: Calculus with Analytic Geometry II   4-5 hrs

MAT 240: Calculus with Analytic Geometry III or
 MAT 241: Calculus with Analytic Geometry III or
 MAT 276: Modern Differential Equations or
 MAT 277: Modern Differential Equations   4-5 hrs Calc III or Differential Equations

Pathway Notes


Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements


The recommended MCCCDC associate degree pathway and Arizona General Education Certificate (AGEC) for this major is the Associate in Science, Computer Science degree and AGEC-S. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Software Engineering, BS degree program.

In addition to university requirements, the Fulton School of Engineering requires that students must complete the MAPP with a 2.75 cumulative transfer GPA. A total of 64 credit hours will transfer to Arizona State University.


General Education Awareness Areas [C, H, G]

| | | | |
|---|---------|---|---|
| Cultural Diversity in the U.S. [C] | 0-3 hrs |  | Awareness Area courses may concurrently satisfy HU, SB or L requirements. |
| Historical or Global Awareness [H] or [G] | 0-3 hrs |  | |

MCCCD Additional Requirements


| | | | |
|---|---------|---|--|
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs |  | May be shared with AGECE. |
| CRE 101: College Critical Reading | 0-3 hrs | | Complete CRE 101 or equivalent. This course can be used in place of the EGR 104 requirement. |

Engineering Core

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|---|-------|---|--|
| ECE 102: Engineering Analysis Tools and Techniques or ECE 102AA: Engineering Analysis Tools and Techniques AND | 4 hrs |  | The combination of these two courses transfer as FSE 100 and ASU 101 at ASU. Students must take both to get credit for both. |
| ECE 103: Engineering Problem Solving and Design or ECE 103AB: Engineering Problem Solving and Design or ECE 103EP: Engineering Problem Solving and Design (with EPICS projects) | | | |

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|--|---------|--|--|
| CSC 110: Introduction to Computer Science or CSC 110AA: Introduction to Computer Science or CSC 110AB: Intro to Computer Science (JAVA) | 3-4 hrs | | |
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|---|-------|--|---|
| CSC 120: Digital Design Fundamentals or EEE 120: Digital Design Fundamentals | 4 hrs | | This course will meet the SER 232 requirement for Software Engineering. |
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|--|---------|---|--|
| CSC 205: Object Oriented Programming or CSC 205AA: Object Oriented Programming or CSC 205AB: Object Oriented Programming | 3-4 hrs |  | |
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|---|-------|--|--|
| EEE 230: COMPUTER ORG & ASSEMBLY LANGUAGE or CSC 230: COMPUTER ORG & ASSEMBLY LANGUAGE | 4 hrs | | |
|---|-------|--|--|

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|--|-------|--|--|
| CSC 240: Introduction to Different Programming Languages | 3 hrs | | |
|--|-------|--|--|

Additional Lower Division Requirements

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|--|---------|---|--|
| MAT 227: Discrete Mathematical Structures | 3 hrs |  | |
| PHY 115: University Physics I or PHY 121: UNIVERSITY PHYSICS I: MECHANICS | 4-5 hrs |  | |
| ECE 104: EPICS Gold I | 0-2 hrs | | EPICS is Engineering Projects in Community Service. Students who complete ECE 104 may continue the EPICS sequence at ASU. Consult with Engineering faculty and/or STEM advisors to learn more about EPICS. |

Total Required Credits: 66





Pathway Agreement


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Maricopa Community College District
Spanish, BA Pathway
2020-2021


ASU Major: [Spanish, BA | New College of Interdisciplinary Arts and Sciences](#)


Pathway Requirements


| | |
|--|---|
| First Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL |   3 hrs |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL |   3 hrs |


| | |
|---|--|
| Literacy and Critical Inquiry [L] Literacy and Critical Inquiry |  3 hrs |
|---|--|


| | |
|---|---|
| Mathematical Studies [MA, CS] MAT 140: College Mathematics or MAT 141: College Mathematics or MAT 142: College Mathematics or MAT 145: College Mathematics with Review or MAT 146: College Mathematics with Review or Higher level course that meets MA requirement |  3-6 hrs |
|---|---|


| | |
|---|---|
| Computer/Statistics/Quantitative Applications [CS] |  3 hrs |
|---|---|


| | | |
|---|---|---|
| Humanities, Arts, and Design [HU] Humanities, Arts, and Design [HU] |  3 hrs | Recommended courses to satisfy HU requirement: SLC 201 or ENG 213. |
|---|---|---|


| | |
|-----------------------------------|---|
| Humanities, Arts, and Design [HU] |  3 hrs |
|-----------------------------------|---|


| | | |
|---|---|---|
| Social-Behavioral Science [SB] Social-Behavioral Science [SB] |  3 hrs | Recommended courses to satisfy [SB] requirement: SLC 201 or ENG 213. |
|---|---|---|

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|--------------------------------|---|
| Social-Behavioral Science [SB] |  3 hrs |
|--------------------------------|---|

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|---|---|---|
| Natural Science [SQ, SG] Natural Science [SQ, SG] |  4 hrs | Select at least one SQ within the Natural Science requirement. |
|---|---|---|

| | |
|--------------------------|---|
| Natural Science [SQ, SG] |  4 hrs |
|--------------------------|---|

| | |
|--|---|
| General Education Awareness Areas [C, H, G] Cultural Diversity in the U.S. [C] |  0-3 hrs |
|--|---|

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|---|---|---|
| Historical or Global Awareness [H] or [G] |  0-3 hrs | Global awareness area [G] met by SPA 201 or SPA 203 or SPA 202 or SPA 204. |
|---|---|---|

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

The recommended MCCCDC associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Emphasis in Spanish degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Spanish BA degree program.

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information: <https://transfer.asu.edu/credits>

MCCCD Additional Requirements

COM 100: Introduction to Human Communication or
COM 110: Interpersonal Communication or
COM 225: Public Speaking or
COM 230: Small Group Communication

0-3 hrs



CRE 101: College Critical Reading

0-3 hrs

Complete CRE 101 or equivalent as indicated by assessment.

Additional Lower Division Requirements

SPA 101: Elementary Spanish I or
SPA 101AA: Elementary Spanish I or
SPA 103: Elementary Spanish for Spanish Speakers I and
SPA 102: Elementary Spanish II or
SPA 102AA: Elementary Spanish II or
SPA 104: Elementary Spanish for Spanish Speakers II OR

4-8 hrs



Demonstrated language proficiency at or above the 202 level is required for enrollment in upper division major requirement courses. Taking the 8 credit SPA 101(AA) AND 102(AA) option is the same as the 4 credit SPA 111 option.

SPA 111: Fundamentals of Spanish

SPA 201: Intermediate Spanish I or
SPA 203: Spanish for Spanish Speaking Students I

0-4 hrs



SPA 202: Intermediate Spanish II or
SPA 204: Spanish for Spanish-Speaking Students II

0-4 hrs



Lower Division Elective

0-21 hrs

Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements.

Total Required Credits: 60





Pathway Agreement


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Maricopa Community College District
Spanish, BA Pathway
2020-2021


ASU Major: [Spanish, BA | College of Liberal Arts and Sciences](#)


Pathway Requirements


| | |
|--|---|
| First Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL |   3 hrs |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL |   3 hrs |


| | |
|---|--|
| Literacy and Critical Inquiry [L] Literacy and Critical Inquiry |  3 hrs |
|---|--|


| | |
|---|---|
| Mathematical Studies [MA, CS] MAT 140: College Mathematics or MAT 141: College Mathematics or MAT 142: College Mathematics or MAT 145: College Mathematics with Review or MAT 146: College Mathematics with Review or Higher level course that meets MA requirement |  3-6 hrs |
|---|---|


| | |
|---|---|
| Computer/Statistics/Quantitative Applications [CS] |  3 hrs |
|---|---|


| | | |
|--|---|---|
| Humanities, Arts, and Design [HU] ENG 213: Introduction to the Study of or SLC 201: Introduction to Linguistics |  3 hrs | Three credit hours of Humanities and Fine Arts or Social and Behavioral Sciences may be satisfied by Maricopa ENG 213 or SLC 201. SLC 201 is preferred. |
|--|---|---|


| | |
|--|---|
| Humanities, Arts, and Design [HU] |  3 hrs |
|--|---|

| | | |
|---|---|---|
| Social-Behavioral Science [SB] Social-Behavioral Science [SB] |  3 hrs | ENG 213 or SLC 201 may be used to satisfy 3 credits of the [SB] AGEC requirement instead of [HU]. |
|---|---|---|

| | |
|---------------------------------------|---|
| Social-Behavioral Science [SB] |  3 hrs |
|---------------------------------------|---|

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|---|---|--|
| Natural Science [SQ, SG] Natural Science [SQ, SG] |  4 hrs | Select at least one SQ within the Natural Science requirement. |
|---|---|--|

| | |
|---------------------------------|---|
| Natural Science [SQ, SG] |  4 hrs |
|---------------------------------|---|

| | |
|--|---|
| General Education Awareness Areas [C, H, G] Cultural Diversity in the U.S. [C] |  0-3 hrs |
|--|---|

| | | |
|--|---|--|
| Historical or Global Awareness [H] or [G] |  0 hrs | The Global Awareness [G] requirement may be satisfied by SPA 201 or SPA 202. |
|--|---|--|

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

The recommended MCCC associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Emphasis in Spanish degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Spanish BA degree program.

2.33 cumulative GPA required in Sun Devil tracking courses: SPA 101, SPA 101AA, SPA 103, SPA 102, SPA 102AA, SPA 104 (or SPA 111 if selected instead of SPA 101 and SPA 102), SPA 201, SPA 202.

This degree can be completed either On-campus or Online. If choosing the On-campus option, once transferring to ASU, the student will select one of the following programs of study: the Spanish linguistics track or the Spanish literature and culture track.

MCCCD Additional Requirements

COM 100: Introduction to Human Communication or
COM 110: Interpersonal Communication or
COM 225: Public Speaking or
COM 230: Small Group Communication

0-3 hrs



CRE 101: College Critical Reading

0-3 hrs

Complete CRE 101 or equivalent.

Additional Lower Division Requirements

SPA 101: Elementary Spanish I or
SPA 101AA: Elementary Spanish I or
SPA 103: Elementary Spanish for Spanish Speakers I and
SPA 102: Elementary Spanish II or
SPA 102AA: Elementary Spanish II or
SPA 104: Elementary Spanish for Spanish Speakers II OR

4-8 hrs



SPA 111: Fundamentals of Spanish

SPA 201: Intermediate Spanish I

4 hrs



The Global Awareness [G] requirement may be satisfied by SPA 201 or SPA 202.

SPA 202: Intermediate Spanish II

4 hrs



Demonstrated language proficiency at or above the 202 level is required for enrollment in upper division major requirement courses.

Lower Division Elective

0-13 hrs

Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements.

Total Required Credits: 60

Pathway Agreement



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Maricopa Community College District Special Education and Elementary Education, BAE Pathway 2020-2021

ASU Major: [Special Education and Elementary Education, BAE](#) | [Mary Lou Fulton Teachers College](#)


Pathway Requirements

First Year Composition [FYC]

ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL   3 hrs

ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL   3 hrs

Literacy and Critical Inquiry [L]



COM 225: Public Speaking  3 hrs

Mathematical Studies [MA, CS]

MAT 140: College Mathematics or
MAT 141: College Mathematics or
MAT 142: College Mathematics or
MAT 145: Course not found or
MAT 146: Course not found or
Higher level course that meets MA requirement

3-5 hrs 


Students must meet one of the following MCCCDC prerequisites to take MAT256 (see Additional Lower Division Requirements section): Grade of C or better in MAT150/151/152/155/156, or MAT120/121/122 AND 140/141/142, or MAT140/141/142/145/146 AND placement test score to permit enrollment in MAT150/151/152/155/156 or higher.

CIS 105: Survey of Computer Information Systems or
CSC 180: Computer Literacy or
BPC 110: Computer Usage and Applications   3 hrs


Humanities, Arts, and Design [HU]


ARH 100: Introduction to Art or
ARH 101: Prehistoric through Gothic Art or
ARH 102: Renaissance Through Contemporary Art or
THE 111: Introduction to Theatre or
DAH 100: Introduction to Dance or
DAH 201: World Dance Studies or
DAH 250: Dance in Popular Culture or
MHL 140: Survey of Music History or
MHL 145: American Jazz and Popular Music or
MHL 146: Survey of Broadway Musicals or
MHL 153: Rock Music and Culture or
THE 220: Modern Drama

  3 hrs

EDU 291: Children's Literature or
ENH 291: Children's Literature  3 hrs

Social-Behavioral Science [SB]

ECH 176: Child Development or
CFS 176: Child Development or
CFS 205: Human Development  3 hrs

HIS 103: United States History to 1865 or
POS 113: United States and Arizona Social Studies or
GCU 113: United States and Arizona Social Studies 

HIS 103, GCU 113, and POS 113 meet US Constitution teacher certification requirement. GCU 113 and POS 113 (GCU/POS227 prior to Fall 2016) also meet AZ Constitution teacher certification requirement.

Natural Science [SQ, SG]



Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.



Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCCDC Associate of Arts Elementary Education degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Elementary Education or Elementary Education (Bilingual Education/English as a Second Language) or Special Education/Elementary Education B.A.E. degree program and the teacher preparation program.


While a 2.0 is the minimum GPA for ASU's MAPP requirements, Mary Lou Fulton Teachers College requires a 2.5 GPA instead for coursework used to satisfy MAPP requirements. All courses must be completed with a C or greater.

| | | |
|--------------------------|--|---|
| Natural Science [SQ, SG] | 4 hrs  | Complete a Life Sciences course (choose from BIO prefix). One of the two natural science courses selected must be SQ. |
| Natural Science [SQ, SG] | 4 hrs  | Complete a Physical or Earth/Space Science Course (choose from AGS, ASM, AST, CHM, GLG, GPH, PHS, PHY) |

General Education Awareness Areas [C, H, G]

| | | |
|---|--|---|
| Cultural Diversity in the U.S. [C] | 0 hrs  | 3 hours [C] met by EDU 222 or EDU 230. |
| Historical or Global Awareness [H] or [G] | 0 hrs  | Satisfied by HIS 103 or GCU 113/POS 113 (GCU/POS 227 prior to Fall 2016). |

MCCCD Additional Requirements

| | | |
|---|--|---|
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0 hrs  | Met by COM 225 for Literacy and Critical Inquiry. |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|--|-------|---|
| EDU 221: Introduction to Education | 3 hrs | |
| EDU 222: Intro to EXCEPTIONAL LEARNER | 3 hrs | |
| EDU 230: CULTURAL DIVERSITY IN EDUCATION | 3 hrs | EDU 230 is an acceptable MAPP course substitution for TEL 203. |
| MAT 256: Investigating Quantity: Number, Operations and Numeration Systems | 4 hrs | |
| MAT 257: Investigating Geometry, Probability and Statistics | 4 hrs | |
| Select any EDU course(s) (except EDU 221, 222, 230 and 250) for 3 credits. | 3 hrs | |
| Select 5 credits from AAEE Content Area Elective options | 5 hrs | POS 221: Take to meet AZ Constitution requirement if HIS 103 was taken rather than GCU/POS 113 for [SB] |

Total Required Credits: 60





Pathway Agreement


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Maricopa Community College District Speech and Hearing Science, BS Pathway 2020-2021



ASU Major: [Speech and Hearing Science, BS](#) | [College of Health Solutions](#)



Pathway Requirements




| | | |
|--|---|-------|
| First Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL |   | 3 hrs |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL |   | 3 hrs |

| | | |
|---|--|-------|
| Literacy and Critical Inquiry [L] Literacy and Critical Inquiry [L] |  | 3 hrs |
|---|--|-------|

| | | |
|---|---|---------|
| Mathematical Studies [MA, CS] MAT 150: College Algebra and MAT 182: Functions OR MAT 151: College Algebra / Functions and MAT 182: Plane Trigonometry OR MAT 152: College Algebra / Functions and MAT 182: Plane Trigonometry OR MAT 155: College Algebra/Functions with Review and MAT 182: Plane Trigonometry OR MAT 156: College Algebra/Functions with Review and MAT 182: Plane Trigonometry OR MAT 187: Precalculus |   | 5-9 hrs |
|---|---|---------|

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|---|---|-------|--|
| PSY 230: Introduction to Statistics or MAT 206: Elements of Statistics |   | 3 hrs | Fulfills Computer/Statistics/Quantitative Applications [CS] requirement. |
|---|---|-------|--|

| | | |
|---|---|-------|
| Humanities, Arts, and Design [HU] Humanities, Arts, and Design [HU] |  | 3 hrs |
| Humanities, Arts, and Design [HU] |  | 3 hrs |

| | | |
|--|---|-------|
| Social-Behavioral Science [SB] PSY 101: Introduction to Psychology |   | 3 hrs |
| Social-Behavioral Science [SB] |  | 3 hrs |

Natural Science [SQ, SG]

Pathway Notes





Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.



Special Requirements


Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Speech and Hearing Science B.S. degree program.

Special Requirements: 2.8 GPA in Sun Devil Tracking courses: SLP 214; PSY 101; MAT 187; PSY 230 or MAT 206; BIO 160 or BIO 201; PHY 101 or PHY 111.

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information: <https://transfer.asu.edu/credits>

| | | |
|--|---|-------|
| BIO 160: Introduction to Human Anatomy and Physiology OR |   | 4 hrs |
| BIO 201: Human Anatomy and Physiology I | | |
| PHY 101: Introduction to Physics OR |   | 4 hrs |
| PHY 111: General Physics I | | |

| | | |
|---|---|---------|
| General Education Awareness Areas [C, H, G] | | |
| Cultural Diversity in the U.S. [C] |  | 0-3 hrs |
| Historical or Global Awareness [H] or [G] |  | 0-3 hrs |

| | | |
|---|---|---------|
| MCCCD Additional Requirements | | |
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication |  | 0-3 hrs |

| | | |
|-----------------------------------|---------|---------------------------------|
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |
|-----------------------------------|---------|---------------------------------|

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|--|--|-------|
| Additional Lower Division Requirements | | |
| SLP 205: Introduction to Communication Disorders | | 3 hrs |

| | | |
|---|---------|--|
| SLP 214: Speech Sound Disorders And Phonetics | 0-3 hrs | SLP 214 is equivalent to SHS 250 at ASU. SHS 250 may be taken at ASU in the first term after transfer. |
|---|---------|--|

| | | |
|-------------------------|----------|--|
| Lower Division Elective | 0-20 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |
|-------------------------|----------|--|

Total Required Credits: 60

Pathway Agreement



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Maricopa Community College District Sports Science and Performance Programming, BS Pathway 2020-2021

ASU Major: [Sports Science and Performance Programming, BS | College of Health Solutions](#)


Pathway Requirements

First Year Composition [FYC]



ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL   3 hrs

ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL   3 hrs



Literacy and Critical Inquiry [L]

EXS 290: Introduction to Evidence-Based
Practice  3 hrs

Mathematical Studies [MA, CS]

MAT 150: College Algebra/Functions or
MAT 151: College Algebra/Functions or
MAT 152: College Algebra/Functions or
MAT 155: College Algebra/Functions with
Review or
MAT 156: College Algebra/Functions with
Review OR   3-6 hrs

MAT 150: College Algebra/Functions or
MAT 182: Plane Trigonometry or
MAT 151: College Algebra/Functions or
MAT 182: Plane Trigonometry or
MAT 152: College Algebra/Functions or
MAT 182: Plane Trigonometry or
MAT 155: College Algebra/Functions with
Review or
MAT 182: Plane Trigonometry or
MAT 156: College Algebra/Functions with
Review or
MAT 182: Plane Trigonometry or
MAT 187: Precalculus



PSY 230: Introduction to Statistics or
MAT 206: Elements of Statistics or
SWU 225: Statistics for Social
Research/Justice and Government   3 hrs


Humanities, Arts, and Design [HU]

Humanities, Arts, and Design  3 hrs

Humanities, Arts, and Design  3 hrs

Social-Behavioral Science [SB]

PSY 101: Introduction to Psychology   3 hrs

Social-Behavioral Science  3 hrs




Natural Science [SQ, SG]



Pathway Notes


Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements



Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Sports Science and Performance Programming B.S. degree program.

| | | |
|---|---------|---|
| BIO 201: Human Anatomy and Physiology | 4 hrs |  |
| CHM 130: Fundamental Chemistry and CHM 130LL: Fundamental Chemistry Laboratory OR | 4-5 hrs |   |
| CHM 130AA: Fundamental Chemistry with Lab OR | | |
| CHM 150: General Chemistry I and CHM 151LL: General Chemistry I Laboratory OR | | |
| CHM 150AA: General Chemistry I OR | | |
| CHM 151: General Chemistry I and CHM 151LL: General Chemistry I Laboratory OR | | |
| CHM 151AA: General Chemistry I | | |

| | | |
|---|---------|---|
| General Education Awareness Areas [C, H, G] Cultural Diversity in the U.S. [C] | 0-3 hrs |  |
| Historical or Global Awareness [H] or [G] | 0-3 hrs |  |

| | | |
|---|---------|---|
| MCCCD Additional Requirements COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs |  |
|---|---------|---|

| | | |
|-----------------------------------|---------|---------------------------------|
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |
|-----------------------------------|---------|---------------------------------|

| | | |
|--|-------|---|
| Additional Lower Division Requirements BIO 202: Human Anatomy and Physiology | 4 hrs |   |
| EXS 101: Introduction to Exercise Science, Kinesiology | 3 hrs | |
| FON 241: Principles of Human Nutrition or FON 241LL: Principles of Human Nutrition Lab | 3 hrs | |

| | | |
|-------------------------|----------|--|
| Lower Division Elective | 0-15 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |
|-------------------------|----------|--|

Total Required Credits: 60



Pathway Agreement



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Maricopa Community College District
Statistics, BS Pathway
2020-2021



ASU Major: [Statistics, BS](#) | [New College of Interdisciplinary Arts and Sciences](#)


Pathway Requirements


First Year Composition [FYC]
 ENG 101: First-Year Composition or
 ENG 107: First-Year Composition for ESL   3 hrs


ENG 102: First-Year Composition or
 ENG 108: First-Year Composition for ESL   3 hrs


Literacy and Critical Inquiry [L]
 Literacy and Critical Inquiry [L]  3 hrs


Mathematical Studies [MA, CS]
 MAT 220: Calculus with Analytic Geometry I
 or
 MAT 221: Calculus with Analytic Geometry I   4-5 hrs



CIS 163AA: Java Programming: Level I or
 CSC 110: Introduction to Computer Science
 (Java) or
 CSC 110AA: Introduction to Computer
 Science (Java) or
 CSC 110AB: Introduction to Computer
 Science (Java)  3 hrs



Humanities, Arts, and Design [HU]
 Humanities, Arts, and Design  3 hrs


Humanities, Arts, and Design  3 hrs


Social-Behavioral Science [SB]
 Social-Behavioral Science  3 hrs

Social-Behavioral Science  3 hrs

Natural Science [SQ, SG]
 Natural Science [SQ, SG]   4 hrs Select at least one [SQ] within the Natural Science requirement.

Natural Science [SQ, SG]   4 hrs

General Education Awareness Areas [C, H, G]
 Cultural Diversity in the U.S. [C]  0-3 hrs


Historical or Global Awareness [H] or [G]  0-3 hrs





Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate of Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Statistics, BS degree program.

| | | |
|---|---------|---|
| COM 100: Introduction to Human Communication OR | 0-3 hrs |  |
| COM 110: Interpersonal Communication OR | | |
| COM 225: Public Speaking OR | | |
| COM 230: Small Group Communication | | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

| | | |
|---|----------|--|
| Additional Lower Division Requirements | | |
| CSC 200: Principles of Computer Science (Java) or CSC 200AA: Principles of Computer Science (Java) or CSC 200AB: Principles of Computer Science (Java) or CSC 205: Object Oriented Programming and Data Structures or CSC 205AA: Object Oriented Programming and Data Structures or CSC 205AB: Object Oriented Programming and Data Structures or CSC 205AC: Object Oriented Programming and Data Structures or CSC 205AD: Object Oriented Programming and Data Structures | 3 hrs | |
| MAT 230: Calculus with Analytic Geometry II or MAT 231: Calculus with Analytic Geometry II | 4-5 hrs |   |
| MAT 240: Calculus with Analytic Geometry III or MAT 241: Calculus with Analytic Geometry III | 4-5 hrs |   |
| Lower Division Elective | 0-13 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60





Pathway Agreement


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Maricopa Community College District Supply Chain Management, BS Pathway 2020-2021



ASU Major: [Supply Chain Management, BS | W. P. Carey School of Business](#)





Pathway Requirements



| | |
|---|--|
| First Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL | 3 hrs   |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL | 3 hrs   |



| | | |
|--|---|--|
| Literacy and Critical Inquiry [L] Literacy and Critical Inquiry [L] | 3 hrs  | If COM225 is selected, it may also be applied to meet COM in the Additional Lower Division Requirements. If GBS233 is selected, it may also be applied as a Business Elective. |
|--|---|--|

| | |
|--|--|
| Mathematical Studies [MA, CS] MAT 212: Brief Calculus or MAT 213: Brief Calculus | 3-4 hrs  |
| CIS 105: Survey of Computer Information Systems | 3 hrs   |

| | |
|--|--|
| Humanities, Arts, and Design [HU] Humanities, Arts, and Design [HU] | 3 hrs  |
| Humanities, Arts, and Design [HU] | 3 hrs  |

| | |
|---|--|
| Social-Behavioral Science [SB] ECN 211: Macroeconomic Principles | 3 hrs   |
| ECN 212: Microeconomic Principles | 3 hrs   |

| | | |
|--|--|--|
| Natural Science [SQ, SG] Natural Science [SQ, SG] | 4 hrs  | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] | 4 hrs  | |

| | |
|---|--|
| General Education Awareness Areas [C, H, G] Cultural Diversity in the U.S. [C] | 0-3 hrs  |
| Historical or Global Awareness [H] or [G] | 0-3 hrs  |

MCCCD Additional Requirements

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

This degree program requires meeting W. P. Carey Bachelor of Science admission requirements. A 3.0 cumulative transfer GPA as calculated by ASU Admission Services is required. A 3.0 cumulative ASU GPA is also required for students who previously attended ASU.




Students must also meet one of the following:

- 1230 SAT (March 2016 and after) or 1160 SAT (before March 2016), not including writing portion
- 25 ACT composite, not including writing portion.
- Top 8% high school class rank
- 3.60 unweighted GPA in high school competency courses (A=4.00)

Completion of the MAPP and all admission requirements satisfies the requirements for the MCCC Associate in Business, General Requirements degree and AGECE-B, meets major map requirements at ASU, and guarantees admission into a W. P. Carey Bachelor of Science degree program.

Only 64 credits are transferable to ASU. For more information:

<https://transfer.asu.edu/credits>.

| | | |
|--|--|---|
| ABUS Business Electives | 0-6 hrs | Select two courses (6 hrs) in consultation with a Maricopa Advisor from the following: CIS 114DE, CIS133DA, CIS 162AD, GBS 151, GBS 233, GBS 220, (GBS 110 OR MGT 251), IBS 101, MGT 253, MKT 271, PAD 100, REA 179, REA 180, or SBU 200. |
| Additional Lower Division Requirements | | |
| ACC 111: Accounting Principles I and ACC 230: Uses of Accounting Informatio and ACC 240: Uses of Accounting Information II OR | 6-9 hrs  | |
| ACC 111: Accounting Principles I and ACC 112: Accounting Principles II and ACC 212: Managerial Accounting OR | | |
| ACC 211: Financial Accounting and ACC 212: Managerial Accounting | | |
| COM 100: Introduction to Human Communication or COM 225: Public Speaking or COM 230: Small Group Communication or COM 259: COMM IN BUSINESS & PROFESSIONS | 0-3 hrs  | If COM225 is selected, it may be also be applied to meet Literacy and Critical Inquiry [L]. |
| GBS 205: LEGAL, ETHICAL/REGULATORY ISSUES/BUS | 3 hrs | |
| GBS 221: Business Statistics | 3 hrs  | |
| MAT 217: Mathematical Analysis for Business or MAT 218: Mathematical Analysis for Business | 3-4 hrs | |
| PSY Course | 3 hrs | Select a course that transfers to ASU with the PSY prefix and SB designation. Check the Course Equivalency Guide on aztransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| SOC Course | 3 hrs | Select a course that transfers to ASU with the SOC prefix and SB designation. Check the Course Equivalency Guide on aztransfer.com and consult a community college advisor to ensure the course selected meets both requirements. |
| Lower Division Elective | 0-6 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 62

Pathway Agreement



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Maricopa Community College District
Sustainability, BA Pathway
2020-2021

ASU Major: [Sustainability, BA](#) | [School of Sustainability](#)



Pathway Requirements

First Year Composition [FYC]



ENG 101: First-Year Composition or
 ENG 107: First-Year Composition for ESL   3 hrs



ENG 102: First-Year Composition or
 ENG 108: First-Year Composition for ESL   3 hrs

Literacy and Critical Inquiry [L]



Literacy and Critical Inquiry [L]   3 hrs Recommend choosing COM 225 to simultaneously fulfill the MCCCDC Communication Requirement.



Mathematical Studies [MA, CS]

MAT 150: College Algebra/Functions or
 MAT 151: College Algebra/Functions or
 MAT 152: College Algebra/Functions or
 MAT 155: College Algebra/Functions with Review or
 MAT 156: College Algebra/Functions with Review   3-6 hrs MAT 117 (College Algebra/Functions) satisfies the prerequisite for SOS 101 (the required math course at ASU) and meets the community college's associate degree requirements.



MAT 206: Elements of Statistics or
 SWU 225: Statistics for Social Research/Justice and Government or
 PSY 230: Introduction to Statistics   3 hrs PSY 230 is an approved substitution for ASU's STP 226.



Humanities, Arts, and Design [HU]

SSH 111: Sustainable Cities   3 hrs SSH 111 can meet [HU] or [SB], but not both. Also meets Global Awareness [G] requirement.



Humanities and Fine Arts   3 hrs



Social-Behavioral Science [SB]

SUS 110: Sustainable World   3 hrs



Social-Behavioral Science   3 hrs



Natural Science [SQ, SG]

Natural Science [SQ, SG]   4 hrs Select at least one SQ within the Natural Science requirement.

Natural Science [SQ, SG]   4 hrs

General Education Awareness Areas [C, H, G]

Cultural Diversity in the U.S. [C]   0-3 hrs

Historical or Global Awareness [H] or [G]   0 hrs Satisfied by SSH 111.

Pathway Notes


Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements



The recommended MCCCDC associate degree pathway and Arizona General Education Certificate (AGEC) for this major is the Associate in Arts, Sustainability degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Sustainability, BA degree program.

A 3.0 Transfer GPA is required for admission to the Sustainability BA program. All courses must be completed with a grade of "C" or better.

MCCCDC Additional Requirements

| | | |
|---|--|---------------------------------|
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs  | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|--|--|---|
| SUS 231: Careers in Sustainability | 1 hrs | |
| SUS 232: Professional Skills in Sustainability Practice | 3 hrs   | |
| Second Language: Requirement satisfied through the following: Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 0-16 hrs | Foreign Language Requirement: Select 101, 102, 201, 202 as needed to reach 4th semester proficiency. You may select specific courses from the Course Equivalency Guide that satisfy these criteria. Determination is made based on the semester and year the course is taken. |
| Lower Division Elective | 0-21 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60

Pathway Agreement



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Maricopa Community College District Sustainability, BS Pathway 2020-2021

ASU Major: [Sustainability, BS](#) | [School of Sustainability](#)



Pathway Requirements

First Year Composition [FYC]



ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL   3 hrs

ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL   3 hrs

Literacy and Critical Inquiry [L]

Literacy and Critical Inquiry [L]   3 hrs Recommend choosing COM 225 to simultaneously fulfill the MCCCDC Communication Requirement.



Mathematical Studies [MA, CS]

MAT 150: College Algebra/Functions or
MAT 151: College Algebra/Functions or
MAT 152: College Algebra/Functions or
MAT 155: College Algebra/Functions with Review or
MAT 156: College Algebra/Functions with Review   3-6 hrs MAT117 (College Algebra/Functions) satisfies the prerequisite for the first of three math courses required for the B.S. degree in Sustainability after transferring to ASU. It also meets the associate degree math requirement.

Computer/Statistics/Quantitative Analysis

  3 hrs



Humanities, Arts, and Design [HU]

SSH 111: Sustainable Cities   3 hrs SSH 111 can meet [HU] or [SB], but not both. Also meets Global Awareness [G] requirement.

Humanities and Fine Arts

  3 hrs



Social-Behavioral Science [SB]

SUS 110: Sustainable World   3 hrs

Social-Behavioral Science [SB]

  3 hrs



Natural Science [SQ, SG]

Natural Science [SQ, SG]   4 hrs Select at least one SQ within the Natural Science requirement.



Natural Science [SQ, SG]

  4 hrs

General Education Awareness Areas [C, H, G]

Cultural Diversity in the U.S. [C]   0-3 hrs

Historical or Global Awareness [H] or [G]

  0 hrs Satisfied by SSH 111.

MCCCDC Additional Requirements




Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

The recommended MCCCDC associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Emphasis in Sustainability and Environmental Studies degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Sustainability, BS degree program.

A 3.0 Transfer GPA is required for admission to the Sustainability BS program. All courses must be completed with a grade of "C" or better.

| | | |
|---|---|---|
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs  | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |
| Additional Lower Division Requirements | | |
| SUS 231: Careers in Sustainability | 1 hrs | Course is only offered online at Mesa Community College |
| SUS 232: Professional Skills in Sustainability Practice | 3 hrs   | |
| Second Language: Requirement satisfied through the following: Completion of a language course at the second semester (102 or equivalent), including American Sign Language II. | 0-8 hrs | Foreign Language Requirement: Select 101, 102 as needed to reach 2nd semester proficiency. You may select specific courses from the Course Equivalency Guide that satisfy these criteria. Determination is made based on the semester and year the course is taken. |
| Lower Division Elective | 1-21 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60

Pathway Agreement

Print

Maricopa Community College District Sustainable Food Systems, BS Pathway 2020-2021

ASU Major: [Sustainable Food Systems, BS | School of Sustainability](#)

Pathway Requirements

First Year Composition [FYC]

ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL



3 hrs

ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL



3 hrs

Literacy and Critical Inquiry [L]

Literacy and Critical Inquiry [L]

3 hrs

Mathematical Studies [MA, CS]

MAT 150: College Algebra/Functions or
MAT 151: College Algebra/Functions or
MAT 151AA: College Algebra/Functions I or
MAT 151AB: College Algebra/Functions II or
MAT 151AC: College Algebra/Functions III or
MAT 151AD: College Algebra/Functions IV or
MAT 152: College Algebra/Functions or
MAT 155: College Algebra/Functions with Review or
MAT 156: College Algebra/Functions with Review

3-6 hrs



Satisfies the prerequisite for the first of three math courses required for the BS degree in Sustainable Food Systems after transferring to ASU. Also meets the associate degree math requirement.

Computer/Statistics/Quantitative Analysis

3 hrs

Humanities, Arts, and Design [HU]

SSH 111: Sustainable Cities

3 hrs

SSH 111 can meet [HU] or [SB], but not both. Also meets Global Awareness [G] requirement. If applied to [SB], meet this [HU] requirement with another course.

Humanities, Arts, and Design [HU]

3 hrs

Social-Behavioral Science [SB]

SUS 110: Sustainable World

3 hrs

Social-Behavioral Science [SB]

3 hrs

See note on SSH 111 above.

Natural Science [SQ, SG]

CHM 130: Fundamental Chemistry and
CHM 130LL: Fundamental Chemistry
Laboratory or
CHM 130AA: Fundamental Chemistry with
Lab OR



4-5 hrs

CHM 150: General Chemistry I and
CHM 151LL: General Chemistry I Laboratory
or
CHM 150AA: General Chemistry I or
CHM 151: General Chemistry I and
CHM 151LL: General Chemistry I Laboratory
or
CHM 151AA: General Chemistry I

Natural Science [SQ, SG]

4 hrs

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

A 3.0 Transfer GPA is required for admission to the Sustainable Food Systems BS program. All courses must be completed with a grade of "C" or better.

Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Sustainable Food Systems BS program.

General Education Awareness Areas [C, H, G]
Cultural Diversity in the U.S. [C] 0-3 hrs

| | | |
|---|-------|-----------------------|
| Historical or Global Awareness [H] or [G] | 0 hrs | Satisfied by SSH 111. |
|---|-------|-----------------------|

MCCCD Additional Requirements

COM 100: Introduction to Human Communication or
COM 110: Interpersonal Communication or
COM 225: Public Speaking or
COM 230: Small Group Communication 0-3 hrs

| | | |
|---|---------|---------------------------------|
| CRE 101: College Critical Reading and Critical Thinking | 0-3 hrs | Complete CRE 101 or equivalent. |
|---|---------|---------------------------------|

Additional Lower Division Requirements

| | | |
|--|---------|---|
| FON 241: Principles of Human Nutrition OR FON 241: Principles of Human Nutrition and FON 241LL: Principles of Human Nutrition Laboratory | 3-4 hrs | If both lecture and lab are completed, this may be applied to Natural Science [SG]. |
|--|---------|---|

| | | |
|------------------------------------|-------|---|
| SUS 231: Careers in Sustainability | 1 hrs | Course is only offered online at Mesa Community College |
|------------------------------------|-------|---|

| | | |
|---|---------|---|
| Second Language: Requirement satisfied through the following: Completion of a language course at the second semester (102 or equivalent), including American Sign Language II. | 0-8 hrs | Foreign Language Requirement: Select 101, 102 as needed to reach 2nd semester proficiency. You may select specific courses from the Course Equivalency Guide that satisfy these criteria. Determination is made based on the semester and year the course is taken. |
|---|---------|---|

| | | |
|-------------------------------|---------|--|
| Focus area: Ecosystem Science | 0-4 hrs | Select a course from one focus area: Ecosystem Science, Educational Leadership, Global Engagement, Policy & Governance, Procurement, Public Health & Nutrition |
|-------------------------------|---------|--|

| | | |
|------------------------------------|---------|--|
| Focus area: Educational Leadership | 0-3 hrs | Select a course from one focus area: Ecosystem Science, Educational Leadership, Global Engagement, Policy & Governance, Procurement, Public Health & Nutrition |
|------------------------------------|---------|--|

| | | |
|-------------------------------|---------|--|
| Focus area: Global Engagement | 0-6 hrs | Select a course from one focus area: Ecosystem Science, Educational Leadership, Global Engagement, Policy & Governance, Procurement, Public Health & Nutrition |
|-------------------------------|---------|--|

| | | |
|---------------------------------|---------|--|
| Focus area: Policy & Governance | 0-3 hrs | Select a course from one focus area: Ecosystem Science, Educational Leadership, Global Engagement, Policy & Governance, Procurement, Public Health & Nutrition |
|---------------------------------|---------|--|

| | | |
|-------------------------|---------|--|
| Focus area: Procurement | 0-3 hrs | Select a course from one focus area: Ecosystem Science, Educational Leadership, Global Engagement, Policy & Governance, Procurement, Public Health & Nutrition |
|-------------------------|---------|--|

| | | |
|---------------------------------------|---------|--|
| Focus area: Public Health & Nutrition | 0-3 hrs | Select a course from one focus area: Ecosystem Science, Educational Leadership, Global Engagement, Policy & Governance, Procurement, Public Health & Nutrition |
|---------------------------------------|---------|--|

| | | |
|------------------|-------|---|
| Skills Electives | 6 hrs | Select 6 credits of skills electives listed at the bottom of this page. |
|------------------|-------|---|

| | | |
|-------------------------|--------|--|
| Lower Division Elective | 15 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college associate degree requirements. |
|-------------------------|--------|--|

Total Required Credits: 60

Track/Groups

Focus area: Ecosystem Science

| Focus area: Ecosystem Science |
|--|
| BIO 100: Biology Concepts or BIO 102: Cells to Systems: An Introduction to Biology for Non-Majors OR |
| BIO 207: Applied Plant Taxonomy OR |
| BIO 270: Sustainable Biological Systems OR |
| BIO 182: General Biology (Majors) II or BIO 182XT: General Biology (Majors) II OR |
| AST 106: Life in the Universe or AST 106: Life in the Universe and AST 107: Life in the Universe Laboratory or GLG 106: Life in the Universe or |

GLG 106: Life in the Universe and
GLG 107: Life in the Universe Laboratory

Focus area: Educational Leadership

Focus area: Educational Leadership

CFS 176: Child Development or
ECH 176: Child Development OR

CFS 205: Human Development OR

CFS 235: Developing Child: Theory into Practice,
Prenatal - Age 8 or
EED 205: The Developing Child: Prenatal to Age
Eight OR

EDU 221: Introduction to Education or
EED 200: Foundations of Early Childhood
Education OR

CFS 123: Health and Nutrition In Early Childhood
Settings or
CFS 125: Safety in Early Childhood Settings or
EED 215: Early Learning: Health, Safety, Nutrition
and Fitness OR

HON 201: Leadership Development: Historical and
Contemporary Perspectives or
MGT 229: Management and Leadership I OR

MGT 230: Management and Leadership II

Focus area: Global Engagement

Focus area: Global Engagement

AIS 105: Introduction to American Indian Studies or
SOC 105: Introduction to American Indian Studies
OR

GCU 121: World Geography I: Eastern Hemisphere
and
GCU 122: World Geography II: Western
Hemisphere OR

POS 120: World Politics OR

POS 125: Issues in World Politics

Focus area: Policy & Governance

Focus area: Policy & Governance

PAD 200: Public Affairs Economics OR

POS 115: Issues in American Politics OR

POS 130: State and Local Government

Focus area: Procurement

Focus area: Procurement

FON 142AB: Science of Food or
FST 263: Principles of Food Science or
HRM 240: Commercial Food Production

Focus area: Public Health & Nutrition

Focus area: Public Health & Nutrition

ASB 100: Introduction to Global Health OR

BIO 100: Biology Concepts or
BIO 102: Cells to Systems: An Introduction to
Biology for Non-Majors OR

BIO 182: General Biology (Majors) II or
BIO 182XT: General Biology (Majors) II OR

FON 142AB: Science of Food or
FST 263: Principles of Food Science or
HRM 240: Commercial Food Production OR

HCR 230: Culture and Health or
HES 210: Cultural Aspects of Health and Illness

Skills Electives

Skills Electives

COM 225: Public Speaking OR

ECN 211: Macroeconomic Principles OR

ECN 212: Microeconomic Principles OR

ENG 216: Persuasive Writing on Public Issues OR

GIS 205: Geographic Information Technologies OR

GIS 211: Geographic Information Science I OR

SUS 232: Professional Skills in Sustainability
Practice

Pathway Agreement


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Maricopa Community College District Technical Communication, BS Pathway 2020-2021

ASU Major: [Technical Communication, BS](#) | [College of Integrative Sciences and Arts](#)


Pathway Requirements

First Year Composition [FYC]


ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL  3 hrs


ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL  3 hrs

Literacy and Critical Inquiry [L]

Literacy and Critical Inquiry [L]  3 hrs

Mathematical Studies [MA, CS]

MAT 140: College Mathematics or
MAT 141: College Mathematics or
MAT 142: College Mathematics or
MAT 145: College Mathematics with Review or
MAT 146: College Mathematics with Review  3-6 hrs A higher-level course that meets [MA] requirement is also acceptable.


Computer/Statistics/Quantitative Applications [CS]  3 hrs


Humanities, Arts, and Design [HU]

Humanities, Arts, and Design [HU]  3 hrs


Humanities, Arts, and Design [HU]  3 hrs


Social-Behavioral Science [SB]

Social-Behavioral Science [SB]  3 hrs


Social-Behavioral Science [SB]  3 hrs


Natural Science [SQ, SG]

Natural Science [SQ, SG]  4 hrs Select at least one SQ within the Natural Science requirement.

Natural Science [SQ, SG]  4 hrs

General Education Awareness Areas [C, H, G]

Cultural Diversity in the U.S. [C]  0-3 hrs

Historical or Global Awareness [H] or [G]  0-3 hrs

MCCCD Additional Requirements

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Technical Communication, BS degree program.

COM 100: Introduction to Human Communication or
 COM 110: Interpersonal Communication or
 COM 225: Public Speaking or
 COM 230: Small Group Communication

0-3 hrs


CRE 101: College Critical Reading 0-3 hrs Complete CRE 101 or equivalent.

Additional Lower Division Requirements

| | | |
|--------------------------------|-----------------|--|
| <p>Related Area Course</p> | <p>3 hrs</p> | <p>Lower Division Related area course: Select a course that transfers to ASU as a direct equivalent or departmental elective credit (DEC) in any of the following ASU prefixes: AFR, AIS, ASB, CCS, COM, EDP, ENG, EXW, FAS, FIN, FMS, GCU, GIT, GPH, HST, MGT, MKT, PSY, PHI, POS, REL, SOC, WST.</p> |
| <p>Lower Division Elective</p> | <p>8-22 hrs</p> | <p>Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements.</p> |

Total Required Credits: 60





Pathway Agreement


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Maricopa Community College District
Technical Communication (User Experience), BS Pathway
2020-2021


ASU Major: [Technical Communication \(User Experience\), BS](#) | [College of Integrative Sciences and Arts](#)



Pathway Requirements




| | |
|--|---|
| First Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL |   3 hrs |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL |   3 hrs |



| | |
|---|--|
| Literacy and Critical Inquiry [L] Literacy and Critical Inquiry [L] |  3 hrs |
|---|--|



| | | |
|--|--|---|
| Mathematical Studies [MA, CS] MAT 140: College Mathematics or MAT 141: College Mathematics or MAT 142: College Mathematics or MAT 145: College Mathematics with Review or MAT 146: College Mathematics with Review | 3-6 hrs  | A higher-level course that meets [MA] requirement is also acceptable. |
|--|--|---|

| | |
|---|---|
| Computer/Statistics/Quantitative Applications [CS] |  3 hrs |
|---|---|

| | |
|---|---|
| Humanities, Arts, and Design [HU] Humanities, Arts, and Design [HU] |  3 hrs |
| Humanities, Arts, and Design [HU] |  3 hrs |

| | |
|--|---|
| Social-Behavioral Science [SB] PSY 101: Introduction to Psychology |   3 hrs |
| Social-Behavioral Science |  3 hrs |

| | | |
|---|--|--|
| Natural Science [SQ, SG] Natural Science [SQ, SG] | 4 hrs  | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] |  4 hrs | |

| | |
|--|---|
| General Education Awareness Areas [C, H, G] Cultural Diversity in the U.S. [C] |  0-3 hrs |
| Historical or Global Awareness [H] or [G] |  0-3 hrs |


MCCCD Additional Requirements

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Technical Communication (User Experience), BS degree program.

| | | |
|---|---------|---|
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs |  |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

| | | |
|---|----------|---|
| Additional Lower Division Requirements | | |
| INT 235: Universal Design | 0-3 hrs | The course applies towards ASU's Concentration Elective requirement |
| Related Area Course | 3 hrs | Select a course that will provide you with additional technical expertise in an area related to your career interest. For example: Software industry - courses in software engineering; Web authoring - courses in internet and web development; Design-related fields - courses in graphic information technology. Related area courses should be selected in consultation with a Technical Communication advisor (https://cisa.asu.edu/advising). |
| Lower Division Elective | 4-22 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60





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


Maricopa Community College District Technological Entrepreneurship and Management, BS Pathway 2020-2021



ASU Major: [Technological Entrepreneurship and Management, BS | W. P. Carey School of Business](#)





Pathway Requirements



| | |
|--|---|
| First Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL |   3 hrs |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL |   3 hrs |



| | |
|---|--|
| Literacy and Critical Inquiry [L] Literacy and Critical Inquiry [L] |  3 hrs |
|---|--|

| | |
|--|---|
| Mathematical Studies [MA, CS] MAT 212: Brief Calculus or MAT 213: Brief Calculus |  3-4 hrs |
| CIS 105: Survey of Computer Information Systems OR |   3-4 hrs |
| CSC 180: Computer Literacy or CSC 180AA: Computer Literacy or CSC 180AB: Computer Literacy | |

| | | |
|---|---|--|
| Humanities, Arts, and Design [HU] Humanities, Arts, and Design [HU] |  3 hrs | Recommend selecting [HU] course that also meets Cultural Diversity in the U.S. [C]. |
| Humanities, Arts, and Design [HU] |  3 hrs | Recommend selecting [HU] course that also meets Historical Awareness [H]. |

| | |
|--|---|
| Social-Behavioral Science [SB] ECN 211: Macroeconomic Principles |   3 hrs |
| ECN 212: Microeconomic Principles |   3 hrs |

| | | |
|---|---|---|
| Natural Science [SQ, SG] Natural Science [SQ, SG] |  4 hrs | Select at least one SQ within the Natural Science requirement. |
| Natural Science [SQ, SG] |  4 hrs | |

| | |
|--|---|
| General Education Awareness Areas [C, H, G] Cultural Diversity in the U.S. [C] |  0-3 hrs |
| Historical or Global Awareness [H] or [G] |  0-3 hrs |

MCCCD Additional Requirements


Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.


Special Requirements

The Fulton Schools of Engineering have partnered with the W. P. Carey School of Business to offer a degree that is jointly conferred by both colleges. For more information about the degree, visit <https://webapp4.asu.edu/programs/t5/majorinfo>.


Completion of the MAPP and all special requirements satisfies the requirements for MCCCD Associate in Arts degree and AGECA, meets major map requirements at ASU, and guarantees admission to the Technological Entrepreneurship and Management, BS degree program.

| | |
|---|--|
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs  |
| CRE 101: College Critical Reading | 0-3 hrs |

Additional Lower Division Requirements

| | |
|---|--|
| ACC 111: Accounting Principles I and ACC 230: Uses of Accounting Information and ACC 240: Uses of Accounting Information OR ACC 111: Accounting Principles I and ACC 112: Accounting Principles II and ACC 212: Managerial Accounting OR ACC 211: Financial Accounting and ACC 212: Managerial Accounting | 6-9 hrs  |
|---|--|

| | | |
|---|-------|--|
| EPS 150: Introduction to Entrepreneurship | 3 hrs | Taking all three of the following Maricopa classes will fulfill both ASU's TMC 110 and TEM 200 requirements for MAPP students: EPS 150, GBS 151 AND (INV 110 or TQM 101) |
|---|-------|--|

| | |
|------------------------------|--|
| GBS 221: Business Statistics | 3 hrs  |
|------------------------------|--|

| | |
|---|-------|
| MAT 217: Mathematical Analysis for Business or MAT 218: Mathematical Analysis for Business | 4 hrs |
|---|-------|

| | | |
|-------------------------|---------|--|
| Lower Division Elective | 0-9 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |
|-------------------------|---------|--|

Total Required Credits: 60

Pathway Agreement


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Maricopa Community College District
Theatre, BA Pathway
2020-2021

ASU Major: **Theatre, BA | Herberger Institute for Design and the Arts**


Pathway Requirements

First Year Composition [FYC]


ENG 101: First-Year Composition or
 ENG 107: First-Year Composition for ESL  3 hrs


ENG 102: First-Year Composition or
 ENG 108: First-Year Composition for ESL  3 hrs

Literacy and Critical Inquiry [L]


THE 220: Modern Drama  3 hrs THE 220 can count as [L] or [HU], but not both.


Mathematical Studies [MA, CS]

MAT 140: College Mathematics or
 MAT 141: College Mathematics or
 MAT 142: College Mathematics or
 MAT 145: College Mathematics with Review
 or
 MAT 146: College Mathematics with Review  3-6 hrs


Computer/Statistics/Quantitative Applications
 [CS]  3 hrs


Humanities, Arts, and Design [HU]

Humanities, Arts, and Design [HU]  3 hrs HUM/THF 205 Introduction to Cinema (3) OR
 HUM/THF 210 Contemporary Cinema (3) is
 required for the AAFA, Emphasis in Theatre.


Humanities, Arts, and Design [HU]  3 hrs THE 111 Introduction to Theatre (3) is required
 for required for the AAFA, Emphasis in Theatre.


Social-Behavioral Science [SB]

Social-Behavioral Science [SB]  3 hrs It is recommended to select a course which
 satisfies [SB] and awareness area [C, H, or G]
 requirements simultaneously.


Social-Behavioral Science [SB]  3 hrs


Natural Science [SQ, SG]

Natural Science [SQ, SG]  4 hrs Select at least one SQ within the Natural
 Science requirement.

Natural Science [SQ, SG]  4 hrs

General Education Awareness Areas [C, H, G]

Cultural Diversity in the U.S. [C]  0-3 hrs [C] can be used to simultaneously satisfy other
 AGEC requirements.

Historical or Global Awareness [H] or [G]  0-3 hrs [H] and [G] can be used to simultaneously
 satisfy other AGEC requirements.

Pathway Notes


Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

The recommended MCCCDC associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Fine Arts, Emphasis in Theatre degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Theatre, BA degree program.

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information:
<https://transfer.asu.edu/credits>

MCCCDC Additional Requirements

| | | |
|---|---------|---|
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs |  |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

| | | |
|---|---------|--|
| Additional Lower Division Requirements | | |
| THP 112: Acting I | 3 hrs | |
| THP 213: Intro to Technical Theatre | 3 hrs | |
| THP 214: Directing Techniques | 3 hrs | |
| THP 217: Intro to Design Scenography | 3 hrs | |
| THP 201AA: Theatre Production I | 0-1 hrs | Can be taken after transfer to ASU. |
| Related Theatre Elective | 6 hrs | Theatre Elective: Complete two courses from COM 271 or THP 271, THP 131, and/or THP 212. |
| Lower Division Elective | 0-7 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60

Pathway Agreement


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Maricopa Community College District Theory and Composition (Theory), BMUS Pathway 2020-2021

ASU Major: [Theory and Composition \(Theory\), BMUS | Herberger Institute for Design and the Arts](#)


Pathway Requirements

First Year Composition [FYC]


ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL  3 hrs


ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL  3 hrs

Literacy and Critical Inquiry [L]


COM 225: Public Speaking  3 hrs

Mathematical Studies [MA, CS]

MAT 140: College Mathematics or
MAT 141: College Mathematics or
MAT 142: College Mathematics or
MAT 145: College Mathematics with Review
or
MAT 146: College Mathematics with Review
or
Higher level course that meets MA
requirement  3-6 hrs


MTC 180: Computer Literacy for Musicians  3 hrs


Humanities, Arts, and Design [HU]

MHL 194: Music and Culture  3 hrs MHL 194 also fulfills Global [G] awareness area.
Can be taken after transfer to ASU.


Humanities, Arts, and Design [HU]  3 hrs


Social-Behavioral Science [SB]

Social-Behavioral Science [SB]  3 hrs It is recommended to select a course which
satisfies [SB] and awareness area [C or H]
requirements simultaneously.


Social-Behavioral Science [SB]  3 hrs


Natural Science [SQ, SG]

Natural Science [SQ, SG]  4 hrs Select at least one [SQ] within the Natural
Science requirement.

Natural Science [SQ, SG]  4 hrs

General Education Awareness Areas [C, H, G]

Cultural Diversity in the U.S. [C]  0-3 hrs [C] could be combined with [HU], [SB], or [L].

Historical or Global Awareness [H] or [G]  0 hrs General Education Awareness Area [G]: Met by
MHL 194; [H] could be combined with [SB].

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and with a successful audition guarantees admission to the Theory & Composition (Theory) degree program.

Acceptance into the School of Music is contingent upon a successful audition the semester before transferring to ASU. Please refer to the following website for an application and audition deadlines: <http://music.asu.edu/admissions>



Students wishing to pursue a Bachelor of Music Degree including the BM Theory & Composition in Theory should meet with a Herberger Advisor to discuss audition preparation by their third term of study at the community college. The Bachelor of Music degree requires successful completion of an audition demonstrating a high level of musicianship and may require more than 2 years of study at ASU. MHL 241 and MHL 242: Transferring students who have completed MHL 241 and/or 242 are not required to take MHL 341 and/or 342 at ASU. Students who take these courses may elect alternate upper division MHL courses at ASU (MHL 439 or MHL 440 recommended).

Piano proficiency at ASU: Proficiency exam requirements are found at <https://music.asu.edu/resources/new-students/c> Transferring students are advised to take the piano proficiency exam immediately upon transfer to ASU.

MCCCD Additional Requirements

| | | |
|---|--|--|
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0 hrs  | COM 225 satisfies [L] and COM requirements simultaneously. |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|--|--|---|
| MTC 105: Music Theory I and MTC 106: Aural Perception I | 4 hrs | |
| MTC 155: Music Theory II and MTC 156: Aural Perception II | 4 hrs | |
| MTC 205: Music Theory III and MTC 206: Aural Perception III | 4 hrs  | |
| MTC 255: Music Theory IV and MTC 256: Aural Perception IV | 4 hrs  | |
| MUP 102: Private Instruction | 2 hrs | MUP 102, 152, 202, and 252: Placement and direct equivalency determined by audition only. Private instruction courses include designated suffix for appropriate instrument. |
| MUP 152: Private Instruction | 2 hrs | MUP 102, 152, 202, and 252: Placement and direct equivalency determined by audition only. Private instruction courses include designated suffix for appropriate instrument. |
| MUP 202: Private Instruction | 2 hrs | MUP 102, 152, 202, and 252: Placement and direct equivalency determined by audition only. Private instruction courses include designated suffix for appropriate instrument. |
| MUP 252: Private Instruction | 2 hrs | MUP 102, 152, 202, and 252: Placement and direct equivalency determined by audition only. Private instruction courses include designated suffix for appropriate instrument. |
| MUP 209: Elements of Conducting | 2 hrs | |

Total Required Credits: 61

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Maricopa Community College District
Tourism Development and Management, BS Pathway
2020-2021


ASU Major: [Tourism Development and Management, BS | College of Public Service and Community Solutions](#)


Pathway Requirements


First Year Composition [FYC]
 ENG 101: First-Year Composition or
 ENG 107: First-Year Composition for ESL   3 hrs


ENG 102: First-Year Composition or
 ENG 108: First-Year Composition for ESL   3 hrs


Literacy and Critical Inquiry [L]
 COM 225: Public Speaking  3 hrs


Mathematical Studies [MA, CS]
 MAT 140: College Mathematics or
 MAT 141: College Mathematics or
 MAT 142: College Mathematics or
 MAT 145: College Mathematics with Review
 or
 MAT 146: College Mathematics with Review  3-6 hrs

Computer/Statistics/Quantitative Applications
 [CS]  3 hrs

Humanities, Arts, and Design [HU]
 Humanities, Arts, and Design [HU]  3 hrs


Humanities, Arts, and Design [HU]  3 hrs


Social-Behavioral Science [SB]
 REC 120: Leisure and the Quality of Life  3 hrs

Social-Behavioral Science [SB]  3 hrs Social and Behavioral Science: It is recommended to select one course from the Interdisciplinary Requirement that also fulfills the Social & Behavioral Science AGEC Requirement.

Natural Science [SQ, SG]
 Natural Science [SQ, SG]  4 hrs Select at least one SQ within the Natural Science requirement.

Natural Science [SQ, SG]  4 hrs

General Education Awareness Areas [C, H, G]
 Historical or Global Awareness [H] or [G]  0 hrs 3 hours [H] satisfied by SWU 171

Cultural Diversity in the U.S. [C]  0-3 hrs

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Tourism Development & Management B.S. degree program.

MCCCD Additional Requirements

| | | |
|---|---------|---------------------------------|
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0 hrs | Satisfied by COM 225. |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|----------|--|
| HRM 160: Tourism Principles And Practices | 3 hrs | |
| Interdisciplinary Requirement | 6-9 hrs | Select three courses from at least two different areas listed below. AJS 101, AJS 225, AJS 270, PAD 200, SWU 171 can be used to fulfill 3 credits of the Social & Behavioral Sciences AGECE Requirement. Interdisciplinary Requirement Areas are located in the comment section below. |
| Lower Division Elective | 5-16 hrs | May include REC 250 and REC 230 if desired. |

Total Required Credits: 60

Track/Groups

Interdisciplinary Requirement

| Interdisciplinary Requirement | |
|---|---|
| AJS 101: Introduction To Criminal Just or AJS 212: Juvenile Justice Procedures or AJS 225: Criminology or AJS 109: Substantive Criminal Law or AJS 270: Community Relations | Interdisciplinary Requirement-Area 1 |
| PAD 100: 21st Century Public Policy and Service or PAD 200: Public Affairs Economics | Interdisciplinary Requirement-Area 2 |
| SWU 171: Introduction to Social Welfare | Interdisciplinary Requirement-Area 3 |

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Maricopa Community College District

Tourism Development and Management (Meetings and Events), BS Pathway

2020-2021

ASU Major: [Tourism Development and Management \(Meetings and Events\), BS | Watts College of Public Service & Community Solut](#)


Pathway Requirements

First Year Composition [FYC]


ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL   3 hrs


ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL   3 hrs

Literacy and Critical Inquiry [L]


COM 225: Public Speaking  3 hrs


Mathematical Studies [MA, CS]

MAT 140: College Mathematics or
MAT 141: College Mathematics or
MAT 142: College Mathematics or
MAT 145: College Mathematics with Review
or
MAT 146: College Mathematics with Review  3-6 hrs


Computer/Statistics/Quantitative Applications
[CS]  3 hrs


Humanities, Arts, and Design [HU]

Humanities, Arts, and Design [HU]  3 hrs


Humanities, Arts, and Design [HU]  3 hrs


Social-Behavioral Science [SB]

REC 120: Leisure and the Quality of Life  3 hrs


Social-Behavioral Science [SB]  3 hrs Social and Behavioral Science: It is recommended to select one course from the Interdisciplinary Requirement that also fulfills the Social & Behavioral Science AGEC Requirement.


Natural Science [SQ, SG]

Natural Science [SQ, SG]  4 hrs Select at least one SQ within the Natural Science requirement.

Natural Science [SQ, SG]  4 hrs

General Education Awareness Areas [C, H, G]

Historical or Global Awareness [H] or [G]  0-3 hrs Recommend to select SWU 171 for Interdisciplinary Requirement as it also satisfies [H]

Cultural Diversity in the U.S. [C]  0-3 hrs

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Tourism Development & Management (Meetings and Events) B.S. degree program.

MCCCD Additional Requirements

| | | |
|---|---------|---------------------------------|
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0 hrs | Satisfied by COM 225. |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |

Additional Lower Division Requirements

| | | |
|---|----------|---|
| HRM 160: Tourism Principles And Practices | 3 hrs | |
| REC 210: Leisure Delivery Systems | 3 hrs | |
| REC 230: Programming of Recreation Services | 3 hrs | |
| Interdisciplinary Requirement | 3-6 hrs | Select two courses from two different areas listed below. AJS 101, AJS 270, PAD 200, SWU 171 can be used to fulfill 3 credits of the Social & Behavioral Sciences AGEC Requirement. Interdisciplinary Requirement Areas are located in the comment section below. |
| Lower Division Elective | 1-13 hrs | May include REC 250 if desired. |

Total Required Credits: 60

Track/Groups

Interdisciplinary Requirement

| Interdisciplinary Requirement | | |
|--|---|-------------------------------|
| AJS 101: Introduction To Criminal Just or AJS 113: Criminal Justice Crime Control Policies and Practices or AJS 212: Juvenile Justice Procedures or AJS 109: Substantive Criminal Law or AJS 270: Community Relations | Interdisciplinary Requirement-Area 1 | Interdisciplinary Requirement |
| PAD 100: 21st Century Public Policy and Service or PAD 200: Public Affairs Economics | Interdisciplinary Requirement-Area 2 | Interdisciplinary Requirement |
| SWU 171: Introduction to Social Welfare | Interdisciplinary Requirement-Area 3 | |

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Maricopa Community College District


Transborder Chicana/o and Latina/o Studies (Media and Expressive Culture), BA Pathway


2020-2021


ASU Major: [Transborder Chicana/o and Latina/o Studies \(Media and Expressive Culture\), BA | College of Liberal Arts and Sciences](#)


Pathway Requirements


| | |
|--|--|
| First Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL | 3 hrs   |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL | 3 hrs   |


| | |
|---|---|
| Literacy and Critical Inquiry [L] Literacy and Critical Inquiry [L] | 3 hrs  |
|---|---|


| | |
|---|--|
| Mathematical Studies [MA, CS] MAT 140: College Mathematics or MAT 141: College Mathematics or MAT 142: College Mathematics or MAT 145: College Mathematics with Review or MAT 146: College Mathematics with Review | 3-6 hrs  |
|---|--|


| | |
|---|--|
| Computer/Statistics/Quantitative Applications [CS] | 3 hrs  |
|---|--|


| | | |
|--|--|--|
| Humanities, Arts, and Design [HU] CCS 101: Chicana and Chicano Studies | 3 hrs  | CCS 101 can be used to satisfy 3 credit hours of the Humanities [HU] requirement, the Cultural Awareness [C] area, and a TCL elective for the major. |
|--|--|--|


| | |
|--|--|
| Humanities, Arts, and Design [HU] | 3 hrs  |
|--|--|


| | |
|---|--|
| Social-Behavioral Science [SB] Social-Behavioral Science [SB] | 3 hrs  |
|---|--|

| | |
|---------------------------------------|--|
| Social-Behavioral Science [SB] | 3 hrs  |
|---------------------------------------|--|

| | | |
|---|--|--|
| Natural Science [SQ, SG] Natural Science [SQ] | 4 hrs  | Select at least one SQ within the Natural Science requirement. |
|---|--|--|

| | |
|-----------------------------------|--|
| Natural Science [SQ or SG] | 4 hrs  |
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| General Education Awareness Areas [C, H, G] Cultural Diversity in the U.S. [C] | 0 hrs  | Met by CCS 101. |
|--|--|-----------------|

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| Historical or Global Awareness [H] or [G] | 0-3 hrs  |
|--|--|

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Transborder Chicana/o & Latina/o Studies (Concentrations in: Transborder Community Development and Health, US and Mexican Regional Immigration Policy & Economy, or Media and Expressive Culture) BA

COM 100: Introduction to Human Communication or
 COM 110: Interpersonal Communication or
 COM 225: Public Speaking or
 COM 230: Small Group Communication

0-3 hrs


CRE 101: College Critical Reading 0-3 hrs Complete CRE 101 or equivalent.

Additional Lower Division Requirements

Lower Division Second Language: Requirement satisfied through the following: Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. 0-16 hrs Select 101, 102, 201, 202 as needed to reach 4th semester proficiency. You may select specific courses from the Course Equivalency Guide that satisfy these criteria. Determination is made based on the semester and year the course is taken. TCLS majors are expected to fulfill the college's language requirement in Spanish prior to transfer. In addition, all majors must demonstrate proficiency in Spanish by passing an upper division Spanish course.

Lower Division Elective 0-25 hrs Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements.

Total Required Credits: 60

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Maricopa Community College District

Transborder Chicana/o and Latina/o Studies (Transborder Community Development and Health), BA Pathway 2020-2021

ASU Major: [Transborder Chicana/o and Latina/o Studies \(Transborder Community Development and Health\), BA](#) | College of Liberal Arts and Sciences


Pathway Requirements

First Year Composition [FYC]


ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL   3 hrs


ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL   3 hrs

Literacy and Critical Inquiry [L]


Literacy and Critical Inquiry  3 hrs


Mathematical Studies [MA, CS]

MAT 140: College Mathematics or
MAT 141: College Mathematics or
MAT 142: College Mathematics or
MAT 145: College Mathematics with Review
or
MAT 146: College Mathematics with Review  3-6 hrs


Computer/Statistics/Quantitative Applications
[CS]  3 hrs


Humanities, Arts, and Design [HU]

CCS 101: Chicana and Chicano Studies  3 hrs CCS 101 can be used to satisfy 3 credit hours of the humanities [HU] requirement, the Cultural Awareness [C] area and a TCL elective for the major.


Humanities, Arts, and Design  3 hrs


Social-Behavioral Science [SB]

Social-Behavioral Science  3 hrs


Social-Behavioral Science  3 hrs


Natural Science [SQ, SG]

Natural Science [SQ]  4 hrs Select at least one SQ within the Natural Science requirement.

Natural Science [SQ or SG]  4 hrs

General Education Awareness Areas [C, H, G]

Cultural Diversity in the U.S. [C]  0 hrs Met by CCS 101

Historical or Global Awareness [H] or [G]  0-3 hrs

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Transborder Chicana/o & Latina/o Studies (Concentrations in: Transborder Community Development and Health, US and Mexican Regional Immigration Policy & Economy, or Media and Expressive Culture) BA

MCCCD Additional Requirements

COM 100: Introduction to Human Communication or
COM 110: Interpersonal Communication or
COM 225: Public Speaking or
COM 230: Small Group Communication

0-3 hrs



CRE 101: College Critical Reading

0-3 hrs

Complete CRE 101 or equivalent.

Additional Lower Division Requirements

Lower Division Second Language: Requirement satisfied through the following: Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.

0-16 hrs

Select 101, 102, 201, 202 as needed to reach 4th semester proficiency. You may select specific courses from the Course Equivalency Guide that satisfy these criteria. Determination is made based on the semester and year the course is taken. TCLS majors are expected to fulfill the college's language requirement in Spanish prior to transfer. In addition, all majors must demonstrate proficiency in Spanish by passing an upper division Spanish course.

Lower Division Elective

0-25 hrs

Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements.

Total Required Credits: 60

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Maricopa Community College District

Transborder Chicana/o and Latina/o Studies (US and Mexican Regional Immigration Policy and Economy), BA Pathway 2020-2021

ASU Major: [Transborder Chicana/o and Latina/o Studies \(US and Mexican Regional Immigration Policy and Economy\), BA](#) | College of Liberal Arts and Sciences


Pathway Requirements

First Year Composition [FYC]


ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL   3 hrs


ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL   3 hrs

Literacy and Critical Inquiry [L]


Literacy and Critical Inquiry [L]  3 hrs


Mathematical Studies [MA, CS]

MAT 140: College Mathematics or
MAT 141: College Mathematics or
MAT 142: College Mathematics or
MAT 145: College Mathematics with Review
or
MAT 146: College Mathematics with Review  3-6 hrs


Computer/Statistics/Quantitative Applications
[CS]  3 hrs


Humanities, Arts, and Design [HU]

CCS 101: Chicana and Chicano Studies  3 hrs CCS 101 can be used to satisfy 3 credit hours of the humanities [HU] requirement, the Cultural Awareness [C] area and a TCL elective for the major.


Humanities, Arts, and Design [HU]  3 hrs


Social-Behavioral Science [SB]

Social-Behavioral Science [SB]  3 hrs


Social-Behavioral Science [SB]  3 hrs


Natural Science [SQ, SG]

Natural Science [SQ]  4 hrs Select at least one SQ within the Natural Science requirement.

Natural Science [SQ or SG]  4 hrs

General Education Awareness Areas [C, H, G]

Cultural Diversity in the U.S. [C]  0-3 hrs 3 hrs [C] met by CCS 101

Historical or Global Awareness [H] or [G]  0-3 hrs

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Transborder Chicana/o & Latina/o Studies (Concentrations in: Transborder Community Development and Health, US and Mexican Regional Immigration Policy & Economy, or Media and Expressive Culture) BA

MCCCD Additional Requirements

COM 100: Introduction to Human Communication or
COM 110: Interpersonal Communication or
COM 225: Public Speaking or
COM 230: Small Group Communication

0-3 hrs



CRE 101: College Critical Reading

0-3 hrs

Complete CRE 101 or equivalent.

Additional Lower Division Requirements

Lower Division Second Language: Requirement satisfied through the following: Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.

0-16 hrs

Select 101, 102, 201, 202 as needed to reach 4th semester proficiency. You may select specific courses from the Course Equivalency Guide that satisfy these criteria. Determination is made based on the semester and year the course is taken. TCLS majors are expected to fulfill the college's language requirement in Spanish prior to transfer. In addition, all majors must demonstrate proficiency in Spanish by passing an upper division Spanish course.

Lower Division Elective

0-25 hrs

Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements.

Total Required Credits: 60

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Maricopa Community College District
Urban Planning, BSP Pathway
2020-2021

ASU Major: [Urban Planning, BSP](#) | College of Liberal Arts and Sciences


Pathway Requirements

First Year Composition [FYC]


ENG 101: First-Year Composition or
 ENG 107: First-Year Composition for ESL  3 hrs


ENG 102: First-Year Composition or
 ENG 108: First-Year Composition for ESL  3 hrs

Literacy and Critical Inquiry [L]


Literacy and Critical Inquiry [L]  3 hrs


Mathematical Studies [MA, CS]

MAT 140: College Mathematics or
 MAT 141: College Mathematics or
 MAT 142: College Mathematics or
 MAT 145: College Mathematics with Review
 or
 MAT 146: College Mathematics with Review  3-6 hrs


GIS 205: Geographic Information
 Technologies  3 hrs


Humanities, Arts, and Design [HU]

SSH 111: Sustainable Cities  3 hrs SSH 111 can be used to satisfy the Global Awareness requirement (G) and either a Humanities (HU) or a Social-Behavioral (SB) requirement.


Humanities, Arts, and Design [HU]  3 hrs


Social-Behavioral Science [SB]

Social-Behavioral Science [SB]  3 hrs SSH 111 can be used to satisfy the Global Awareness requirement (G) and either a Humanities (HU) or a Social-Behavioral (SB) requirement.


Social-Behavioral Science [SB]  3 hrs


Natural Science [SQ, SG]

Natural Science [SQ, SG]  4 hrs Select at least one SQ within the Natural Science requirement.

Natural Science [SQ, SG]  4 hrs

General Education Awareness Areas [C, H, G]

Cultural Diversity in the U.S. [C]  0-3 hrs

Historical (H) or Global Awareness (G)  0 hrs SSH 111 meets Global Awareness

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

Completion of the MAPP and all special requirements satisfies the requirements for MCCC Associate in Arts degree and AGEC-A, meets major map requirements at ASU, and guarantees admission to the Urban Planning B.S.P. degree program.

MCCCD Additional Requirements

COM 100: Introduction to Human Communication or
COM 110: Interpersonal Communication or
COM 225: Public Speaking or
COM 230: Small Group Communication



CRE 101: College Critical Reading 0-3 hrs Complete CRE 101 or equivalent.

Additional Lower Division Requirements

SCT 100: Introduction to Sustainable Built Environments 0-3 hrs This requirement may be completed after transfer to ASU.

Lower Division Elective 11-22 hrs Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements.

Total Required Credits: 60





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Maricopa Community College District
Women and Gender Studies, BA Pathway
2020-2021



ASU Major: [Women and Gender Studies, BA | College of Liberal Arts and Sciences](#)



Pathway Requirements



| | |
|---|--|
| First Year Composition [FYC] ENG 101: First-Year Composition or ENG 107: First-Year Composition for ESL | 3 hrs   |
| ENG 102: First-Year Composition or ENG 108: First-Year Composition for ESL | 3 hrs   |



| | |
|--|---|
| Literacy and Critical Inquiry [L] Literacy and Critical Inquiry | 3 hrs  |
|--|---|

| | |
|--|--|
| Mathematical Studies [MA, CS] MAT 140: College Mathematics or MAT 141: College Mathematics or MAT 142: College Mathematics or MAT 145: College Mathematics with Review or MAT 146: College Mathematics with Review | 3-6 hrs  |
| Computer/Statistics/Quantitative Applications | 3-4 hrs  |

| | | |
|--|--|---|
| Humanities, Arts, and Design [HU] Humanities, Arts, and Design [HU] | 3 hrs  | ASB 211 suggested, satisfies [HU] [G] and related area Women Studies Course |
| Humanities, Arts, and Design [HU] | 3 hrs  | |

| | |
|--|--|
| Social-Behavioral Science [SB] WST 100: Women and Society | 3 hrs  |
| Social-Behavioral Science | 3 hrs  |

| | | |
|---|--|---|
| Natural Science [SQ, SG] Natural Science | 4 hrs  | Select at least one SQ within the Natural Science requirement. The other course must be SQ or SG. |
| Natural Science | 4 hrs  | Select at least one SQ within the Natural Science requirement. The other course must be SQ or SG. |

| | | |
|---|--|-----------------------|
| General Education Awareness Areas [C, H, G] Cultural Diversity in the U.S. [C] | 0 hrs  | Satisfied by WST 100. |
| Historical or Global Awareness [H] or [G] | 0-3 hrs  | Satisfied by ASB 211 |


Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

The recommended MCCCDC associate degree pathway and Arizona General Education Certificate (AGEC) for this major are the Associate in Arts, Emphasis in Women and Gender Studies degree and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Women and Gender Studies BA degree program.

MCCCDC Additional Requirements

| | | |
|--|--|---|
| COM 100: Introduction to Human Communication or COM 110: Interpersonal Communication or COM 225: Public Speaking or COM 230: Small Group Communication | 0-3 hrs  | |
| CRE 101: College Critical Reading | 0-3 hrs | Complete CRE 101 or equivalent. |
| Additional Lower Division Requirements | | |
| WST Elective | 3 hrs | Students may select one course that transfers to ASU as a direct equivalency or a departmental elective (DEC) in the WST prefix. |
| Related Women Studies Course | 3 hrs | Lower Division Select one courses (3 credit hours) that transfer to ASU as course equivalent or department elective (DEC) in WST prefix; or select one of the following courses: ENH 284, ENH 285, HIS 201, HUM 209, PSY 235, REL 290, SOC 264, SOC 212, WST 209, or WST 290. |
| Lower Division Second Language: Requirement satisfied through the following: Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. | 0-16 hrs | |
| Lower Division Elective | 0-19 hrs | Lower Division Electives should be completed once all other requirements have been met and only if needed to complete community college's associate degree requirements. |

Total Required Credits: 60

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Maricopa Community College District Women and Gender Studies, BS Pathway 2020-2021


ASU Major: [Women and Gender Studies, BS | New College of Interdisciplinary Arts and Sciences](#)


Pathway Requirements


First Year Composition [FYC]
ENG 101: First-Year Composition or
ENG 107: First-Year Composition for ESL   3 hrs


ENG 102: First-Year Composition or
ENG 108: First-Year Composition for ESL   3 hrs



Literacy and Critical Inquiry [L]
PSY 290AB: Research Methods or
PSY 290AC: Research Methods  4 hrs


Mathematical Studies [MA, CS]
MAT 140: College Mathematics or
MAT 141: College Mathematics or
MAT 142: College Mathematics or
MAT 145: College Mathematics with Review
or
MAT 146: College Mathematics with Review  3-6 hrs


PSY 230: Introduction to Statistics  3 hrs


Humanities, Arts, and Design [HU]
Humanities, Arts, and Design [HU]  3 hrs Courses recommended by Maricopa include:
ENH/WST 284, ENH/WST 285, HUM/WST 209,
REL/WST 290


Humanities, Arts, and Design [HU]  3 hrs Courses recommended by Maricopa include:
ENH/WST 284, ENH/WST 285, HUM/WST 209,
REL/WST 290


Social-Behavioral Science [SB]
PSY 101: Introduction to Psychology   3 hrs

WST 100: Women and Society  3 hrs

Natural Science [SQ, SG]
Natural Science [SQ, SG]  4 hrs Select at least one [SQ] within the Natural
Science requirement.

Natural Science [SQ, SG]  4 hrs

General Education Awareness Areas [C, H, G]
Cultural Diversity in the U.S. [C]  0 hrs Met by WST 100

Historical or Global Awareness [H] or [G]  0-3 hrs

MCCCD Additional Requirements

Pathway Notes

Minimum 2.0 GPA in coursework used to satisfy MAPP requirements. All courses must be completed with a grade of C or greater. Some ASU programs may have higher GPA and grade requirements. Please see special requirements below for details.

Special Requirements

The recommended MCCCD associate degree pathway and Arizona General Education Certificate (AGEC) for this major is the Associate in Arts, Emphasis in Women and Gender Studies and AGEC-A. Completion of the MAPP and all special requirements meets major map requirements at ASU and guarantees admission to the Women and Gender Studies, BS degree program.

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education. The applicability of the specific course toward a degree depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Students are responsible for working with their advisor to confirm all transfer transcripts are on file with ASU. For more information:
<https://transfer.asu.edu/credits>

COM 100: Introduction to Human Communication or
 COM 110: Interpersonal Communication or
 COM 225: Public Speaking or
 COM 230: Small Group Communication

0-3 hrs


CRE 101: College Critical Reading 0-3 hrs Complete CRE 101 or equivalent.

Additional Lower Division Requirements

Lower Division Women Studies Elective 6 hrs Select two courses (cannot be shared other than with the H or G Awareness Areas) that transfer to ASU with the WST prefix. Courses recommended by Maricopa include: REL/WST 290, WST 161, WST 200, HUM/WST 209, WST 286

Lower Division Elective 0-18 hrs Within these elective credits, the New College of Interdisciplinary Arts and Sciences Languages and Cultures Requirement may be fulfilled by completing one of the following options before transferring to ASU: Non-English language course at the intermediate level (202 or equivalent), including American Sign Language IV OR two (2) semesters of a current computer language (CSC110 and [CSC200 or CSC205]). Alternatively, students can meet ASU's Languages and Cultures Requirement after transferring by completing an additional 6 credits of upper-division Global or Cultural courses once at ASU.

 Additional courses recommended as lower division electives (if needed to reach minimum total for degree) include ENH 285, HIS 201, PSY 235, REL 290/WST 290, SOC 212, WST 110, WST 161, WST 200, WST 209/HUM 209, WST 284/ENH 284, and/or WST 286.

Total Required Credits: 60